

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110099.D
 Acq On : 24 Oct 2018 1:11
 Operator : JU/SJ
 Sample : J5464-09
 Misc : MDL 5PPM
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:59:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	153873	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	639970	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	315338	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	610832	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	511271	20.00	ng	-0.02
87) Perylene-d12	15.66	264	443072	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	1246808	131.95	ng	-0.02
7) Phenol-d6	6.59	99	1557368	128.86	ng	-0.02
23) Nitrobenzene-d5	7.53	82	914869	84.79	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	421364	134.90	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1707683	85.04	ng	-0.02
79) Terphenyl-d14	13.09	244	1767547	71.90	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	21179	4.278	ng	94
3) Pyridine	3.66	79	54896	4.979	ng	89
4) n-Nitrosodimethylamine	3.55	42	25055	5.424	ng	# 92
6) Aniline	6.63	93	70897	4.503	ng	# 53
8) 2-Chlorophenol	6.75	128	58502	5.370	ng	96
9) Benzaldehyde	6.52	77	40012	3.907	ng	95
10) Phenol	6.60	94	65793	5.093	ng	# 60
11) bis(2-Chloroethyl)ether	6.69	93	54835	5.159	ng	91
12) 1,3-Dichlorobenzene	6.90	146	62821	5.240	ng	96
13) 1,4-Dichlorobenzene	6.98	146	65171	5.375	ng	98
14) 1,2-Dichlorobenzene	7.13	146	59734	5.307	ng	100
15) Benzyl Alcohol	7.10	79	37039	3.985	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	90891	5.348	ng	67
17) 2-Methylphenol	7.20	107	46146	5.315	ng	# 82
18) Hexachloroethane	7.47	117	22659	5.104	ng	98
19) n-Nitroso-di-n-propylamine	7.36	70	39548	5.101	ng	# 92
20) 3+4-Methylphenols	7.35	107	60772	5.415	ng	# 86
22) Acetophenone	7.36	105	84632	5.739	ng	96
24) Nitrobenzene	7.54	77	63330	5.685	ng	98
25) Isophorone	7.77	82	111492	6.062	ng	94
26) 2-Nitrophenol	7.86	139	24939	4.705	ng	95
27) 2,4-Dimethylphenol	7.89	122	52764	6.004	ng	95
28) bis(2-Chloroethoxy)methane	7.99	93	69586	5.569	ng	98
29) 2,4-Dichlorophenol	8.09	162	45821	5.161	ng	94
30) 1,2,4-Trichlorobenzene	8.19	180	53150	5.344	ng	91
31) Naphthalene	8.27	128	179456	6.084	ng	98
32) Benzoic acid	7.94	122	19051	2.805	ng	# 80
33) 4-Chloroaniline	8.32	127	56494	4.256	ng	97
34) Hexachlorobutadiene	8.38	225	29058	5.262	ng	99
35) Caprolactam	8.65	113	14652	4.734	ng	94
36) 4-Chloro-3-methylphenol	8.78	107	51360	5.349	ng	94
37) 2-Methylnaphthalene	8.96	142	125039	6.407	ng	97
38) 1-Methylnaphthalene	9.06	142	115551	6.127	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	51449	5.236	ng	97

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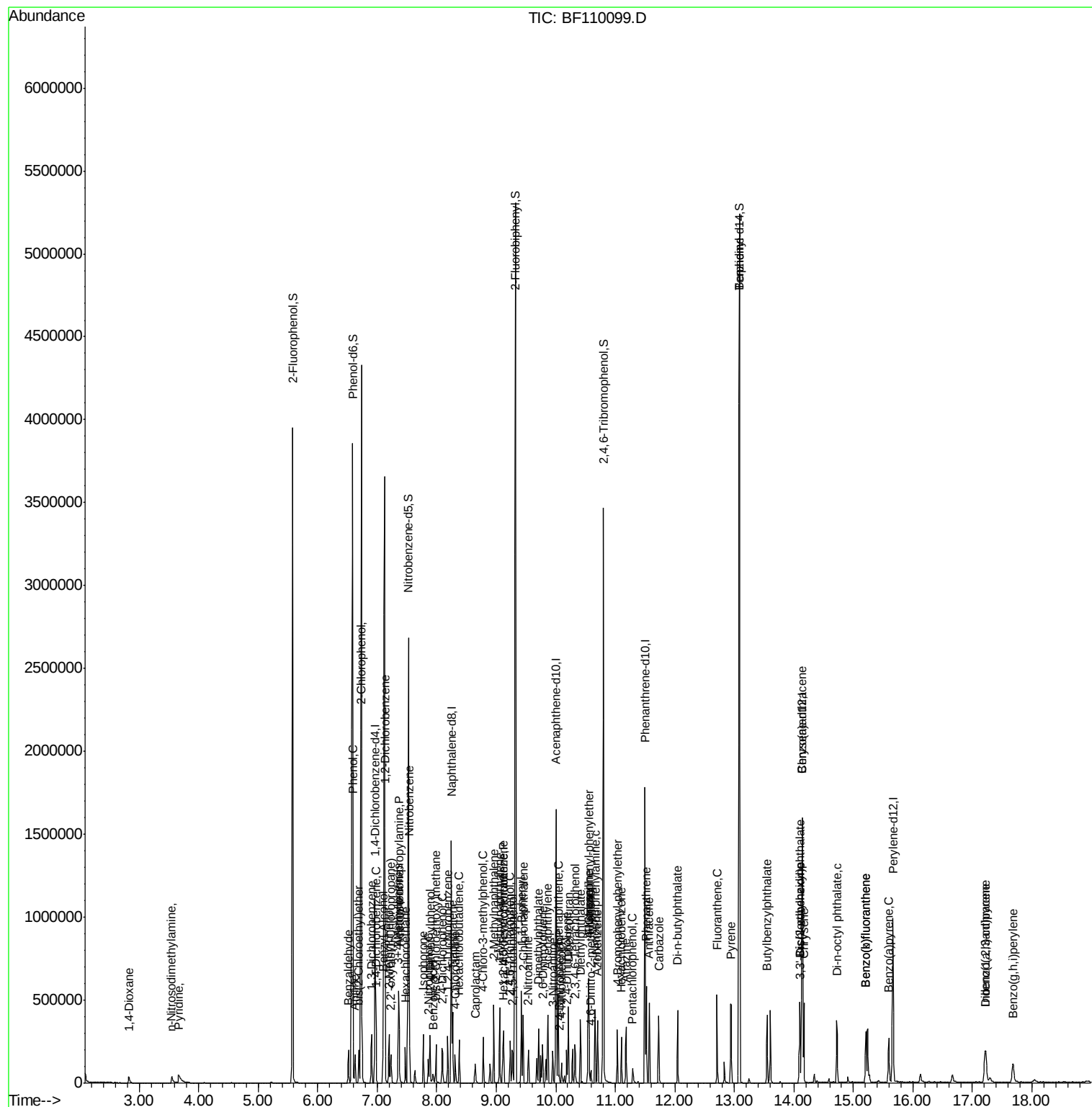
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	25136	5.003	ng	97
43) 2,4,6-Trichlorophenol	9.23	196	30664	4.839	ng	97
44) 2,4,5-Trichlorophenol	9.27	196	35851	5.352	ng	92
46) 1,1'-Biphenyl	9.42	154	157634	5.528	ng	98
47) 2-Chloronaphthalene	9.45	162	115251	5.510	ng	97
48) 2-Nitroaniline	9.54	65	32471	5.123	ng	98
49) Acenaphthylene	9.86	152	182398	6.037	ng	98
50) Dimethylphthalate	9.71	163	132855	5.707	ng	100
51) 2,6-Dinitrotoluene	9.78	165	26457	5.277	ng	93
52) Acenaphthene	10.04	154	115884	5.798	ng	98
53) 3-Nitroaniline	9.95	138	27115	4.547	ng	90
54) 2,4-Dinitrophenol	10.06	184	5487	7.754	ng	95
55) Dibenzofuran	10.21	168	164400	5.875	ng	94
56) 4-Nitrophenol	10.10	139	22208	5.032	ng	91
57) 2,4-Dinitrotoluene	10.19	165	33550	5.268	ng	# 81
58) Fluorene	10.55	166	127299	6.112	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	29397	5.384	ng	93
60) Diethylphthalate	10.42	149	127186	5.597	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	61630	5.610	ng	94
62) 4-Nitroaniline	10.56	138	30033	5.064	ng	88
63) Azobenzene	10.70	77	129681	5.750	ng	99
65) 4,6-Dinitro-2-methylphenol	10.59	198	9225	3.306	ng	92
66) n-Nitrosodiphenylamine	10.66	169	111782	5.579	ng	97
67) 4-Bromophenyl-phenylether	11.04	248	36778	5.551	ng	92
68) Hexachlorobenzene	11.10	284	37676	5.359	ng	97
69) Atrazine	11.18	200	35304	5.576	ng	99
70) Pentachlorophenol	11.30	266	12739	3.108	ng	90
71) Phenanthrene	11.52	178	197740	6.187	ng	98
72) Anthracene	11.57	178	202962	6.335	ng	98
73) Carbazole	11.73	167	175998	5.627	ng	97
74) Di-n-butylphthalate	12.05	149	201104	5.693	ng	99
75) Fluoranthene	12.71	202	196772	6.066	ng	100
77) Benzidine	13.09	184	24776	1.157	ng	97
78) Pyrene	12.95	202	203623	5.555	ng	96
80) Butylbenzylphthalate	13.55	149	79324	4.986	ng	95
81) Benzo(a)anthracene	14.13	228	179129	5.908	ng	99
82) 3,3'-Dichlorobenzidine	14.09	252	39696	3.760	ng	96
83) Chrysene	14.17	228	171063	5.940	ng	98
84) Bis(2-ethylhexyl)phthalate	14.10	149	113777	5.290	ng	97
85) Di-n-octyl phthalate	14.72	149	175927	5.261	ng	99
86) Indeno(1,2,3-cd)pyrene	17.21	276	128939	5.397	ng	# 95
88) Benzo(b)fluoranthene	15.21	252	148446	5.802	ng	100
89) Benzo(k)fluoranthene	15.21	252	148446	5.902	ng	99
90) Benzo(a)pyrene	15.59	252	135122	5.739	ng	98
91) Dibenzo(a,h)anthracene	17.23	278	106718	5.253	ng	96
92) Benzo(g,h,i)perylene	17.68	276	103111	5.151	ng	96

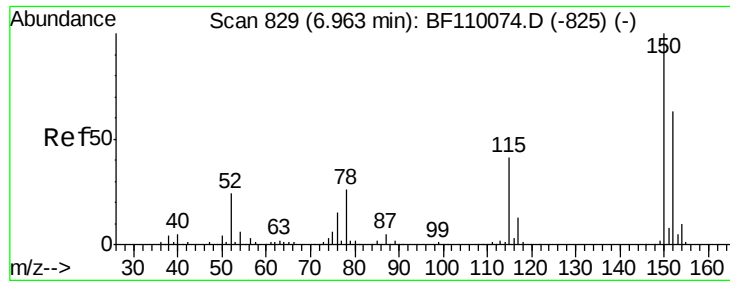
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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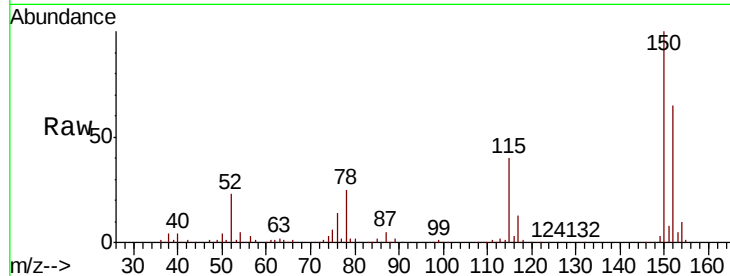


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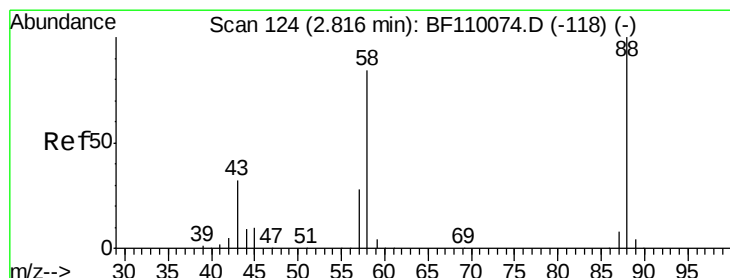
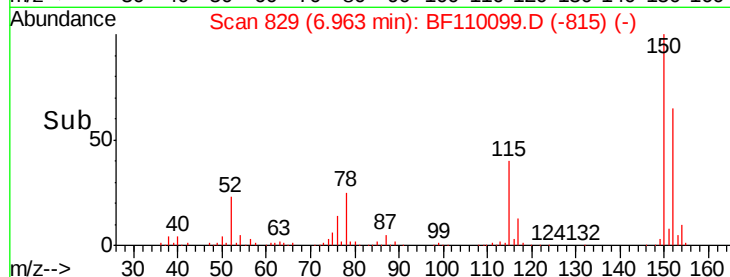
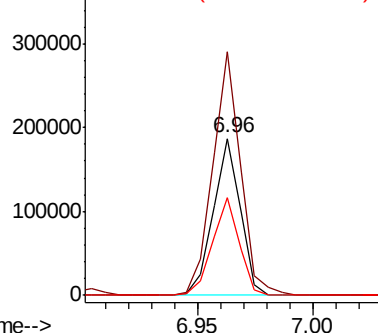
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153873
Ion Ratio Lower Upper
152 100
150 154.9 122.7 184.1
115 62.3 49.1 73.7



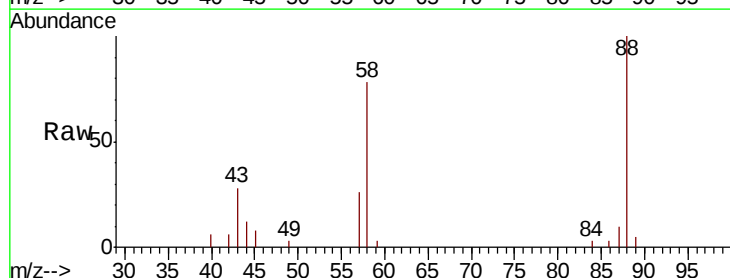
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



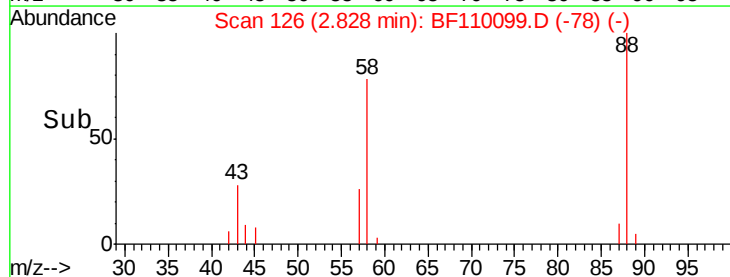
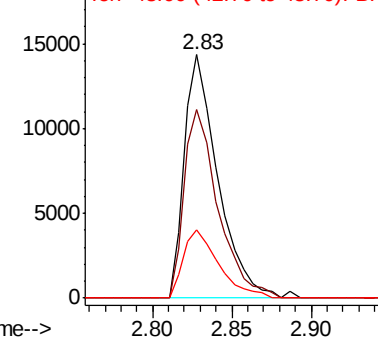
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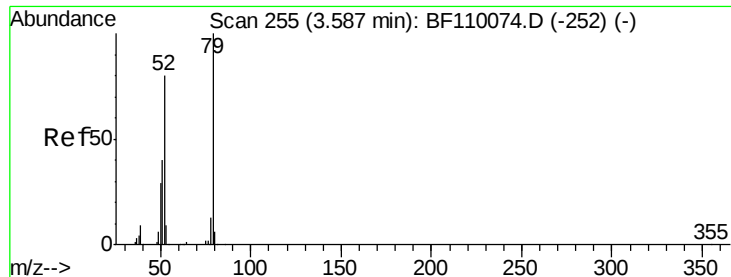
1,4-Dioxane
Concen: 4.278 ng
RT: 2.83 min Scan# 126
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion: 88 Resp: 21179
Ion Ratio Lower Upper
88 100
58 78.0 57.1 85.7
43 29.7 24.1 36.1



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: 4.979 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.05 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampleId :

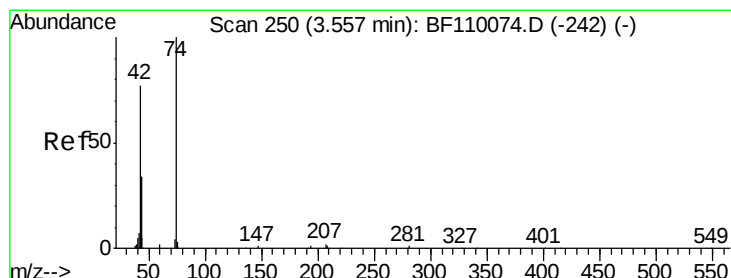
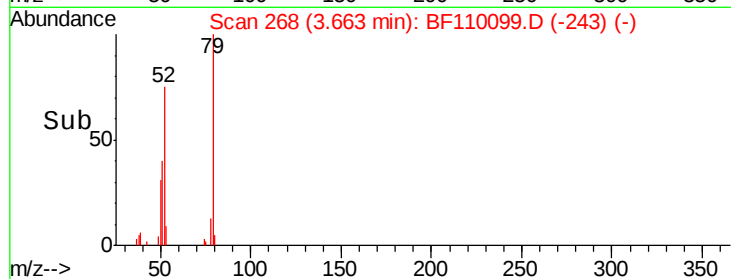
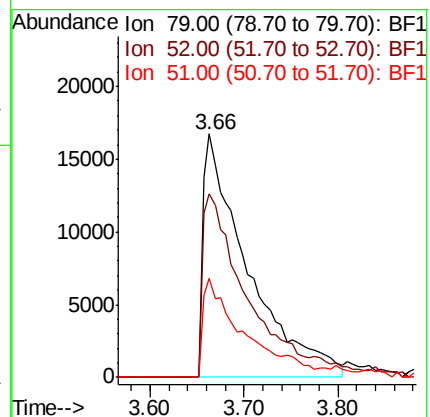
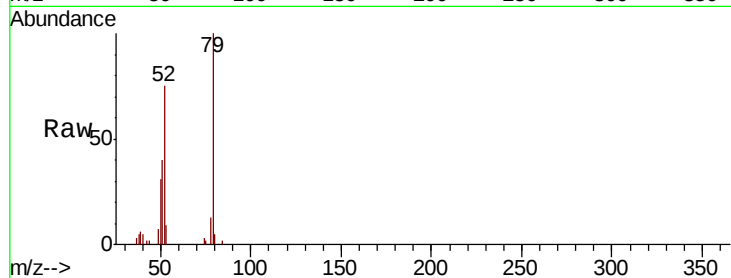
Tot Ion: 79 Resp: 54896

Ion Ratio Lower Upper

79 100

52 75.4 53.1 79.7

51 40.4 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 5.424 ng

RT: 3.55 min Scan# 248

Delta R.T. -0.04 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

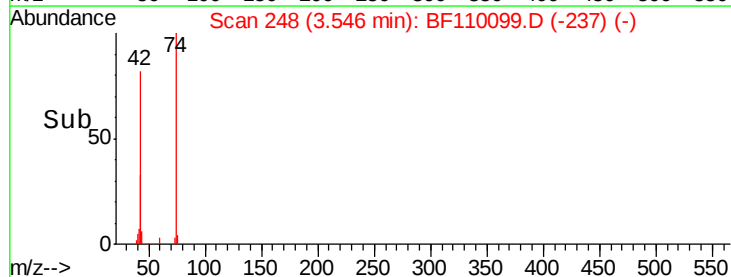
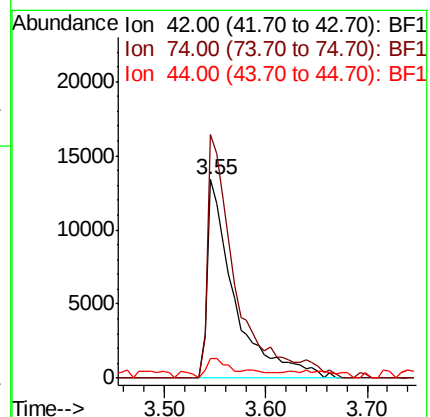
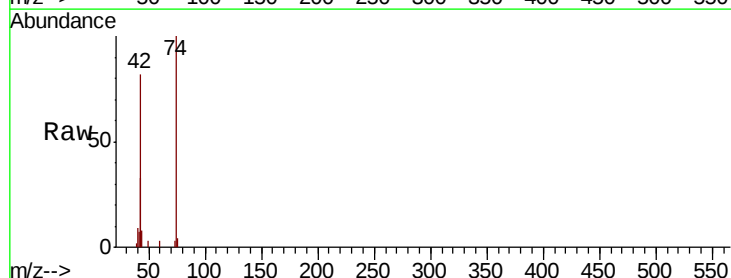
Tgt Ion: 42 Resp: 25055

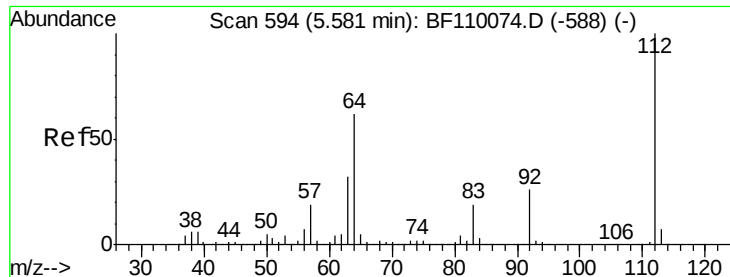
Ion Ratio Lower Upper

42 100

74 122.7 105.5 158.3

44 10.1 4.9 7.3#

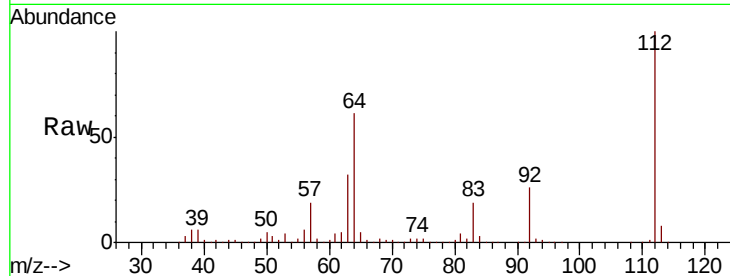




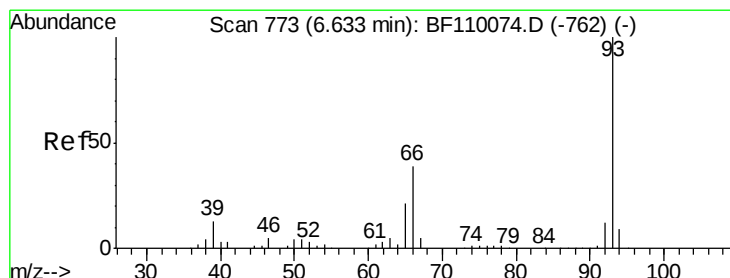
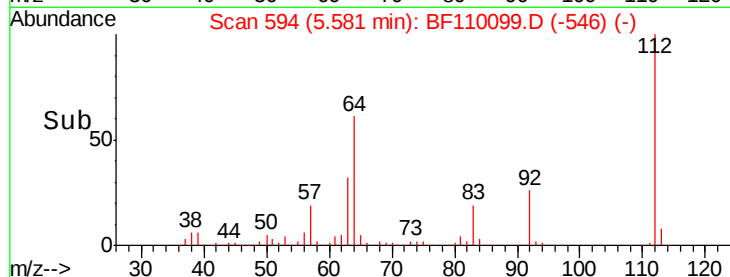
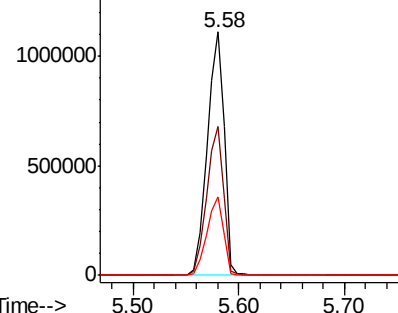
#5
2-Fluorophenol
Concen: 131.951 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Instrument :
BNA_F
ClientSampled :

Tot Ion: 112 Resp: 1246808
Ion Ratio Lower Upper
112 100
64 61.2 44.1 66.1
63 32.1 23.7 35.5

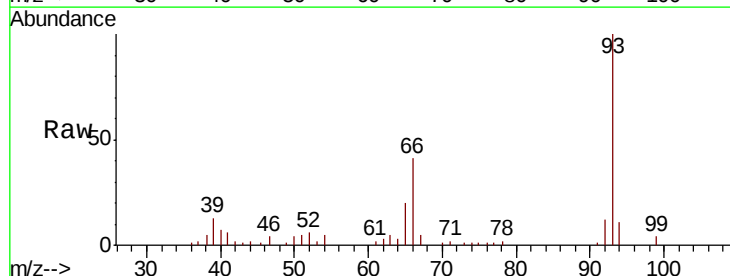


Abundance Ion 112.00 (111.70 to 112.70): BF1
1500000 Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

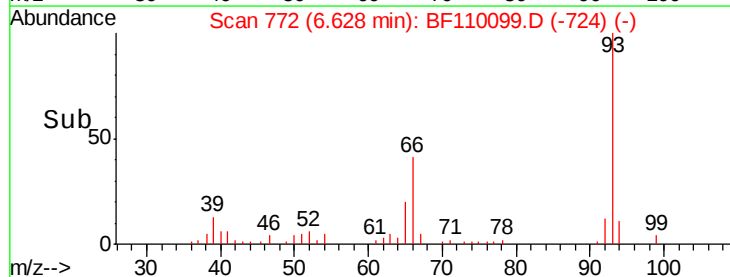
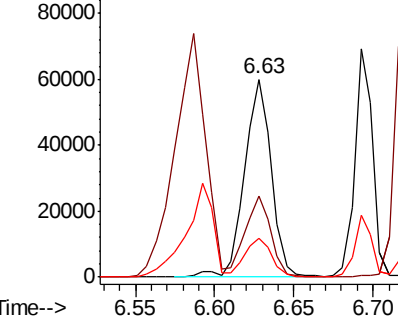


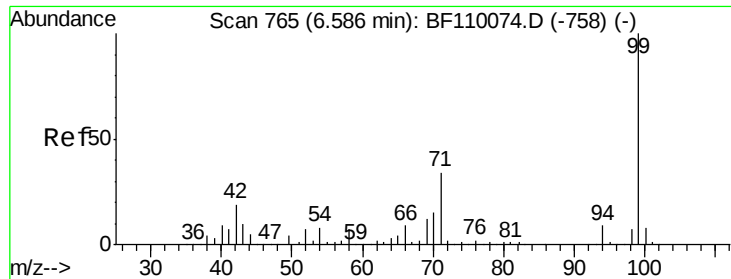
#6
Aniline
Concen: 4.503 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion: 93 Resp: 70897
Ion Ratio Lower Upper
93 100
66 41.0 67.4 101.0#
65 19.8 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
100000 Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.857 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampleId :

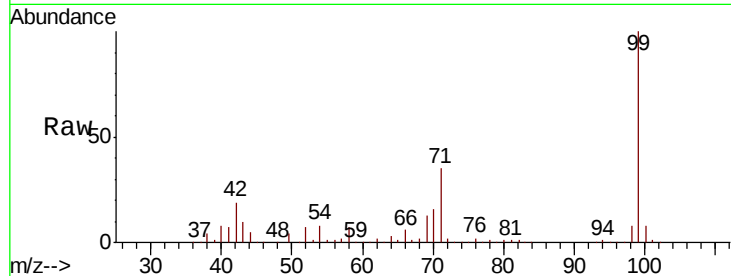
Tot Ion: 99 Resp: 1557368

Ion Ratio Lower Upper

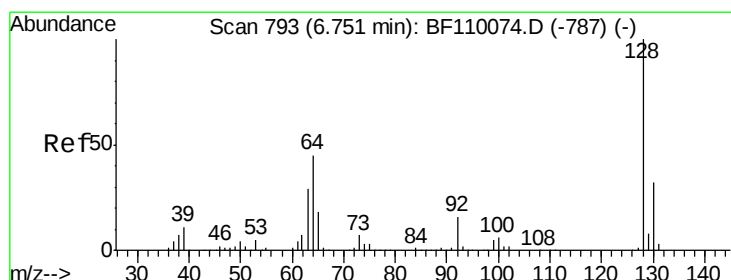
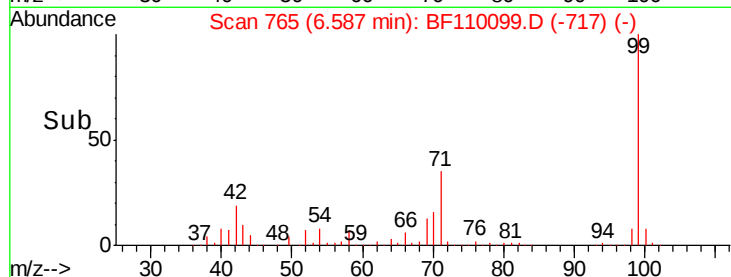
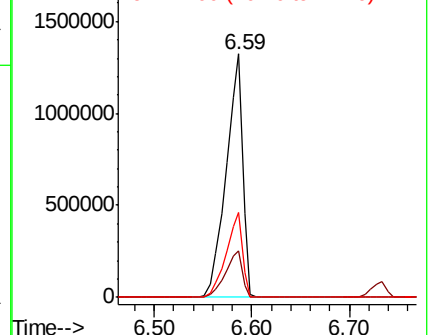
99 100

42 19.2 15.8 23.6

71 34.8 28.0 42.0



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: 5.370 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

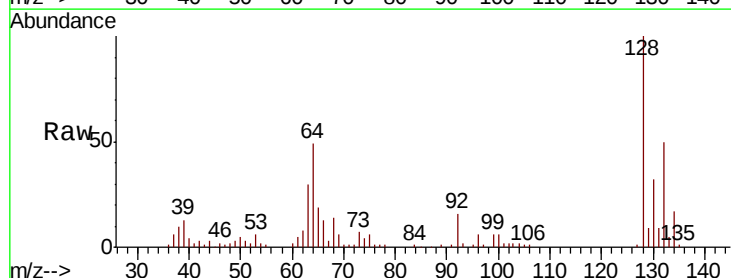
Tgt Ion: 128 Resp: 58502

Ion Ratio Lower Upper

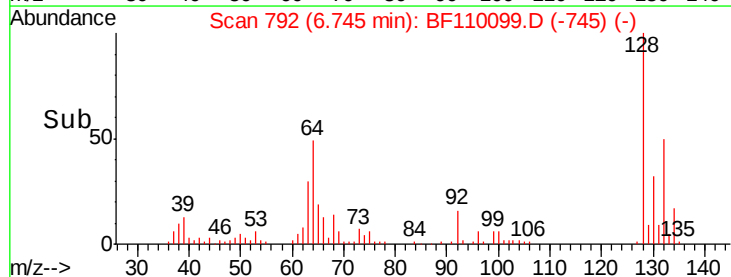
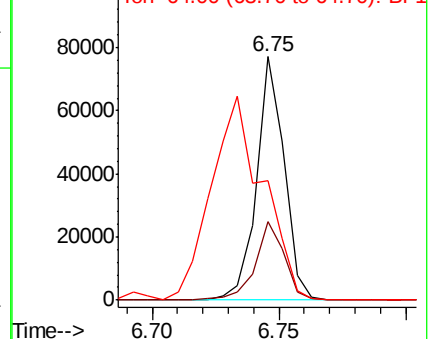
128 100

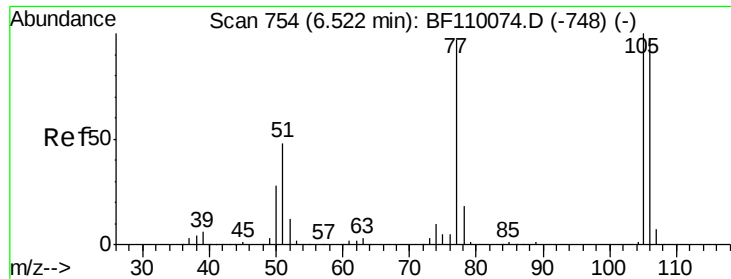
130 32.1 13.1 53.1

64 49.3 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

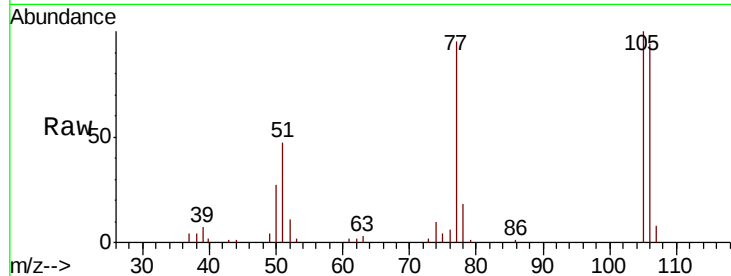




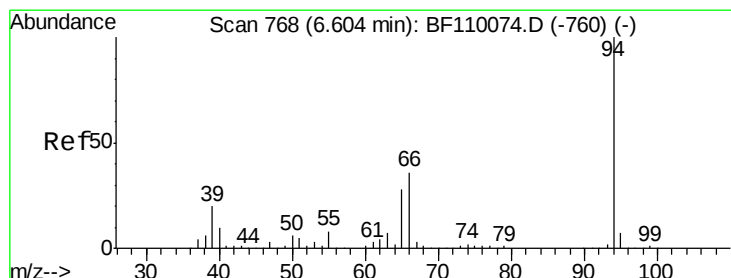
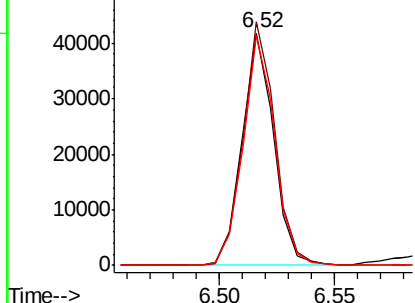
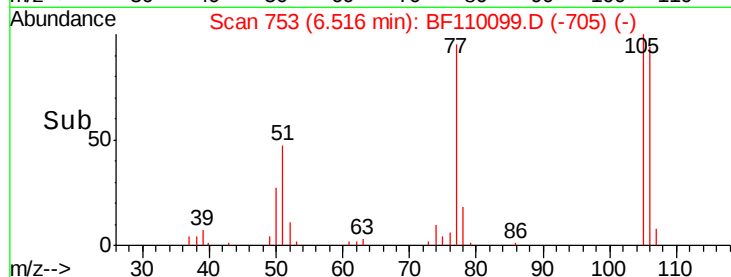
#9
Benzaldehyde
Concen: 3.907 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
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Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 40012
Ion Ratio Lower Upper
77 100
105 104.7 78.6 118.6
106 98.7 74.8 114.8

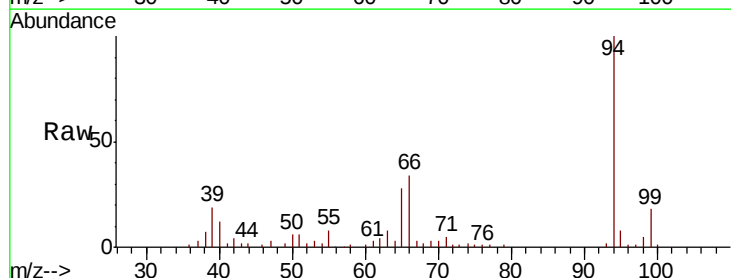


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

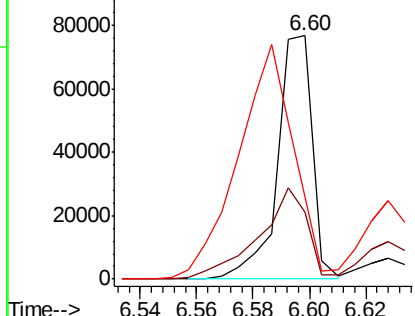
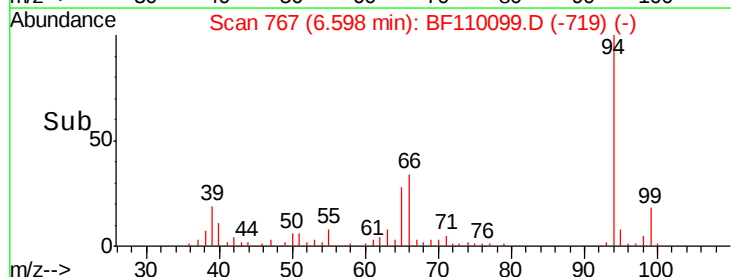


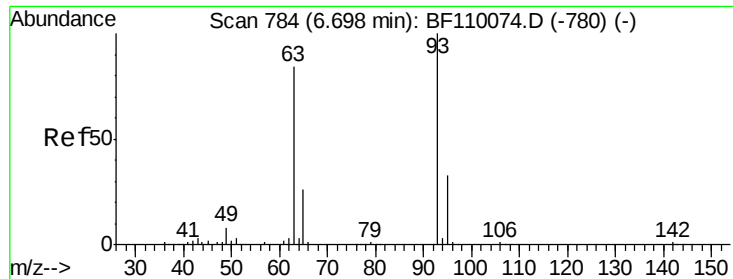
#10
Phenol
Concen: 5.093 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion: 94 Resp: 65793
Ion Ratio Lower Upper
94 100
65 27.7 25.3 65.3
66 33.8 54.5 94.5#



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

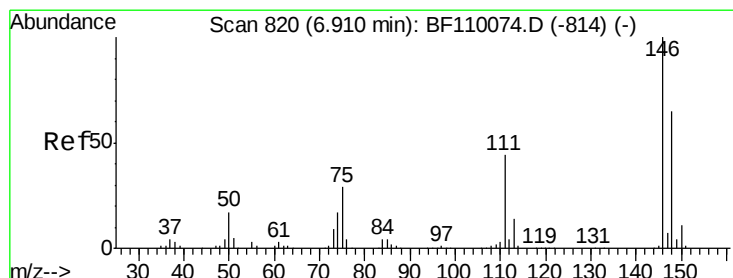
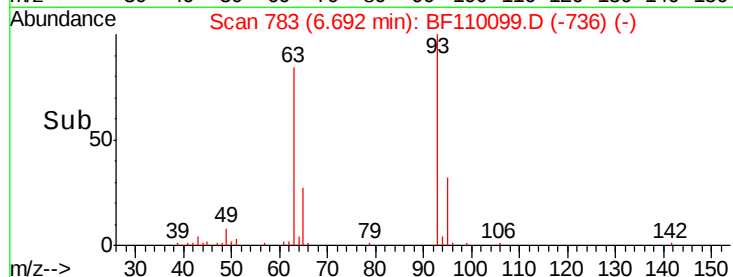
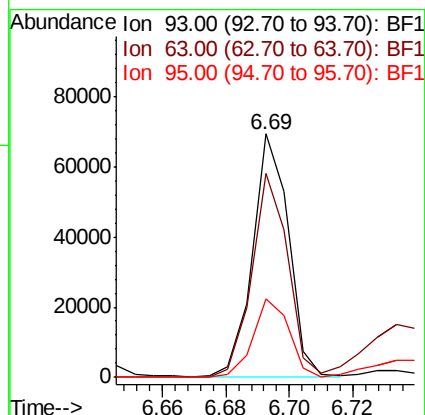
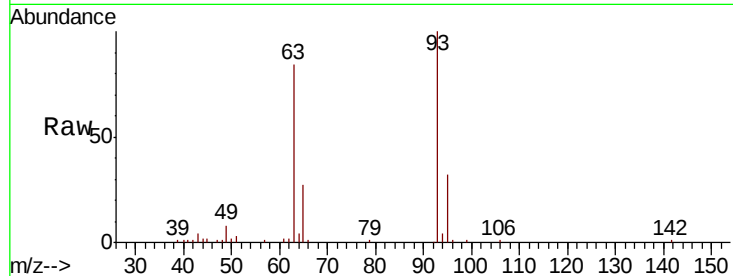




#11
 bis(2-Chloroethyl)ether
 Concen: 5.159 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

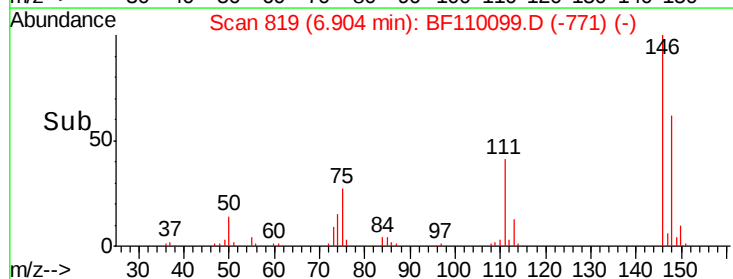
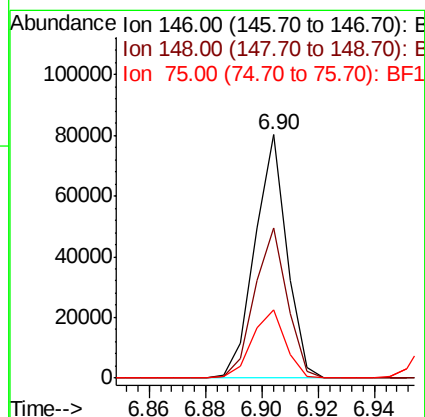
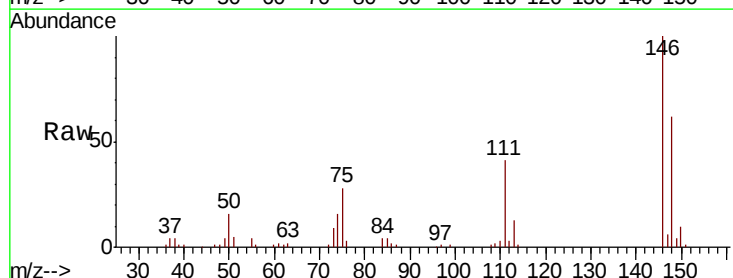
Instrument :
 BNA_F
 ClientSampleId :

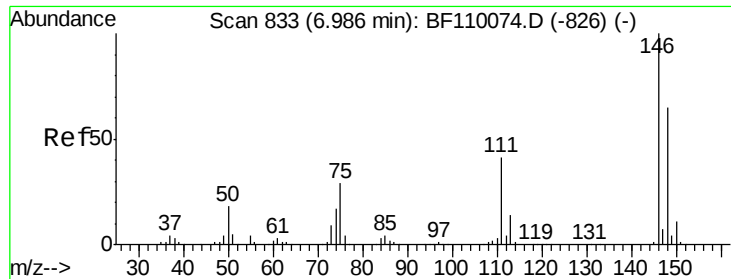
Tot Ion	93	Resp	54835
Ion Ratio	Lower	Upper	
93	100		
63	83.7	53.4	93.4
95	32.1	12.1	52.1



#12
 1,3-Dichlorobenzene
 Concen: 5.240 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Tgt Ion	146	Resp	62821
Ion Ratio	Lower	Upper	
146	100		
148	61.8	50.4	75.6
75	27.9	25.8	38.6

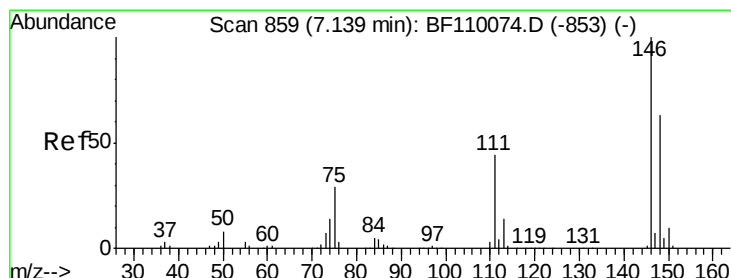
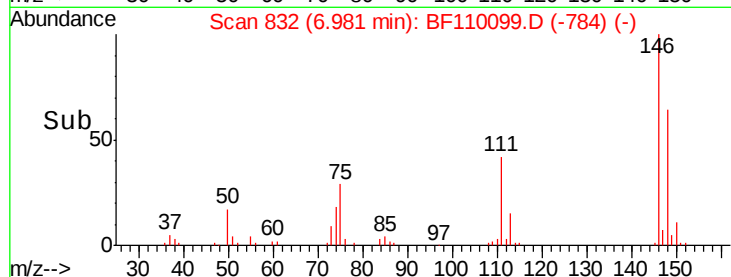
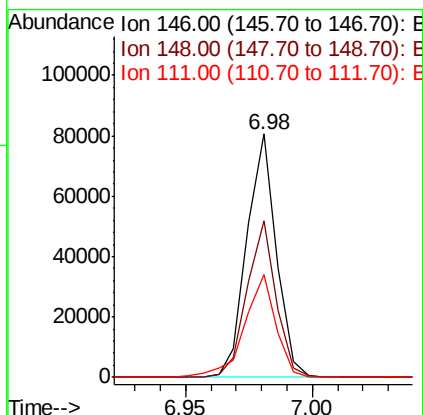
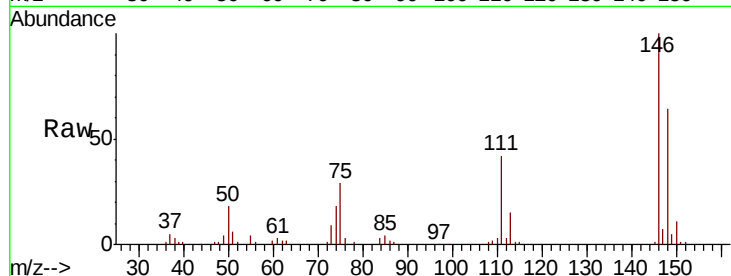




#13
 1,4-Dichlorobenzene
 Concen: 5.375 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

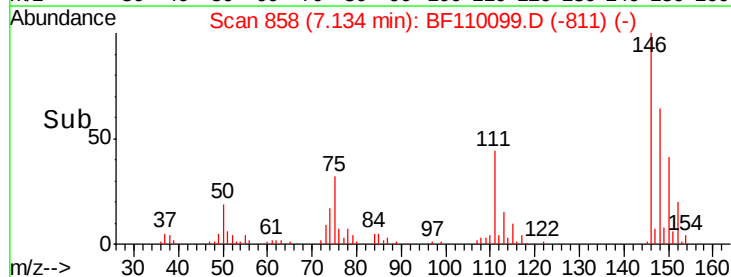
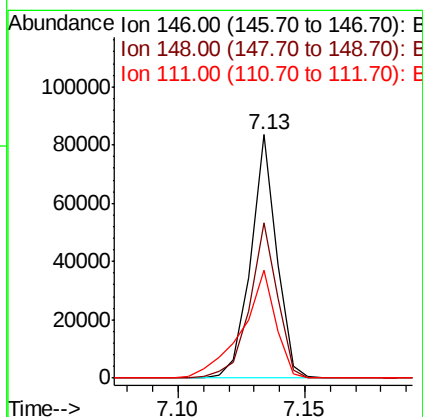
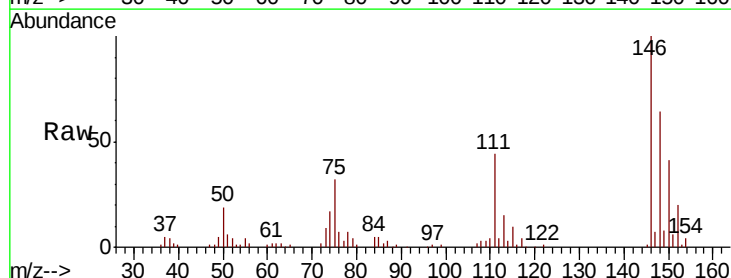
Instrument :
 BNA_F
 ClientSampled :

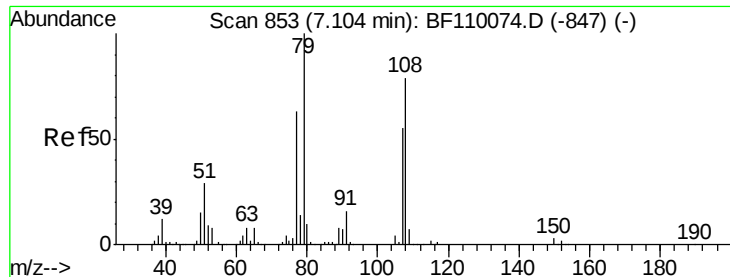
Tot Ion:146 Resp: 65171
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.3 75.5
 111 42.4 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 5.307 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Tgt Ion:146 Resp: 59734
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 44.4 35.8 53.6





#15

Benzyl Alcohol

Concen: 3.985 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampled :

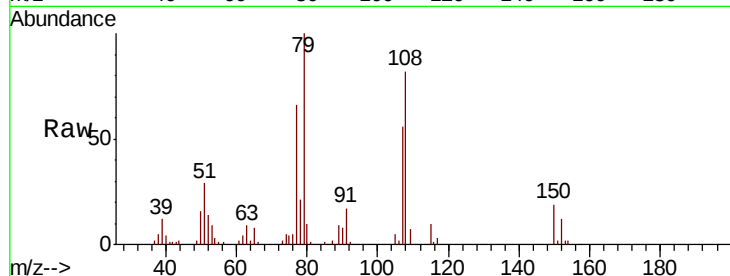
Tot Ion: 79 Resp: 37039

Ion Ratio Lower Upper

79 100

108 82.0 56.3 84.5

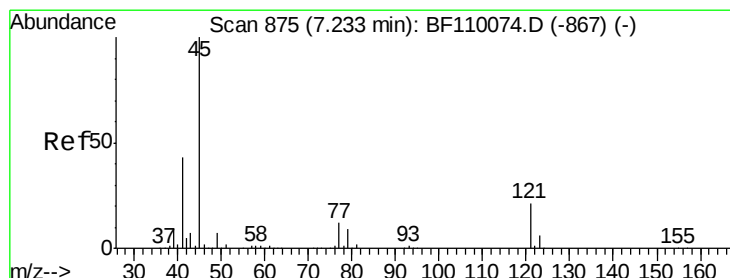
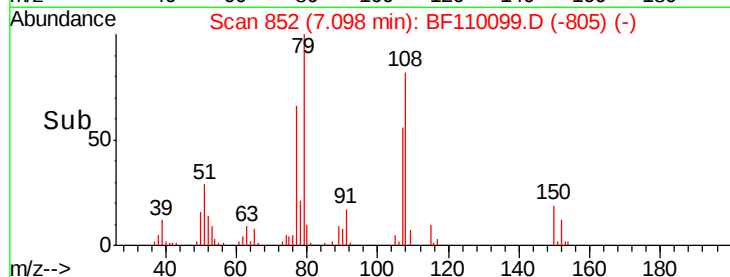
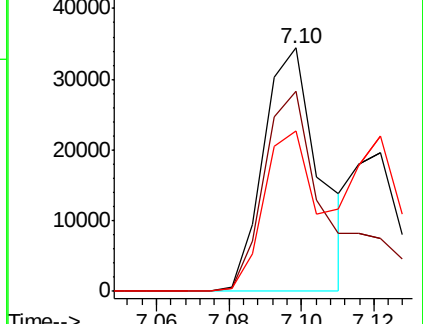
77 65.8 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.348 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

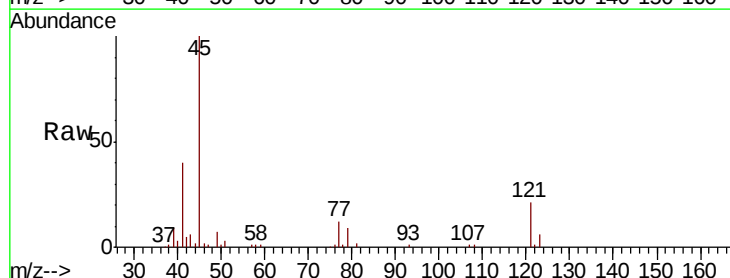
Tgt Ion: 45 Resp: 90891

Ion Ratio Lower Upper

45 100

77 12.1 10.0 50.0

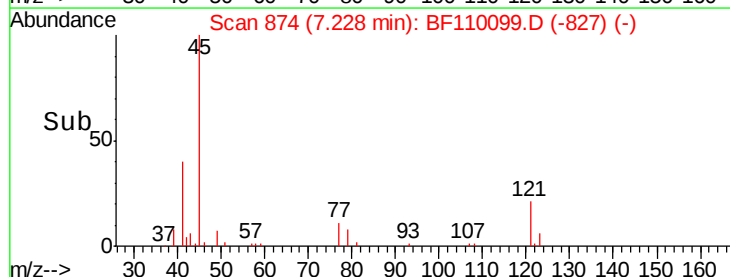
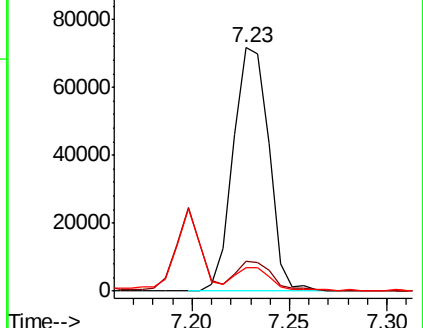
79 9.5 6.1 46.1

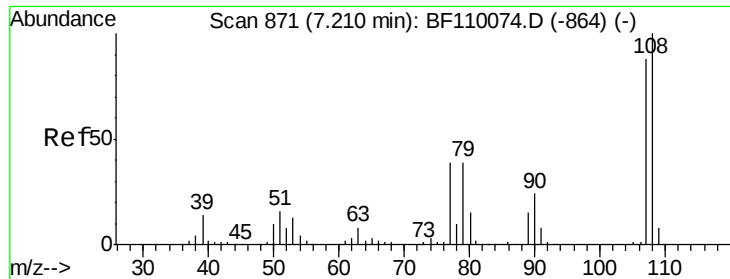


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

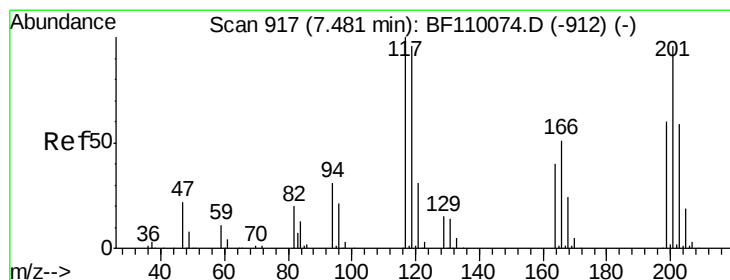
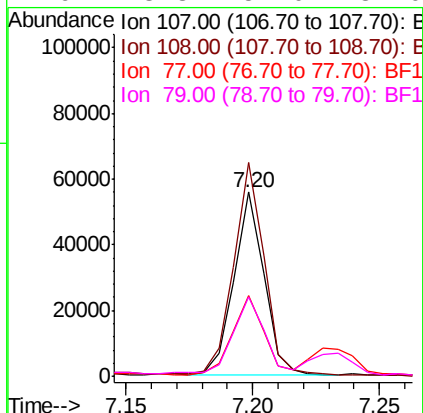
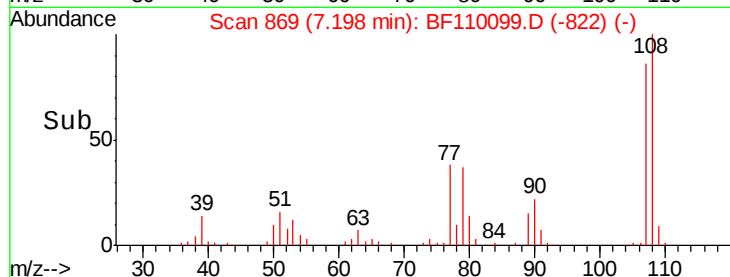
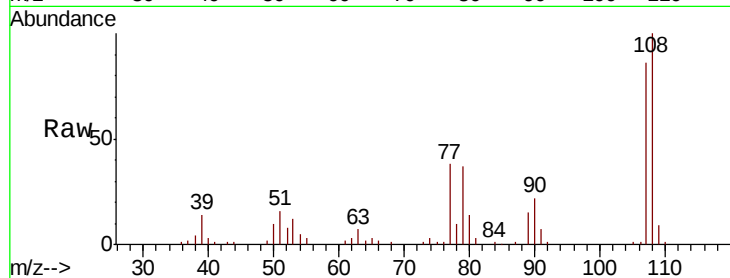




#17
2-Methylphenol
Concen: 5.315 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

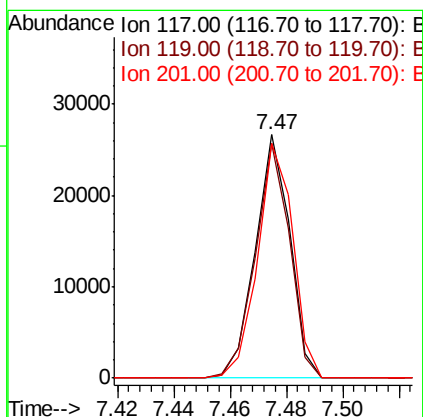
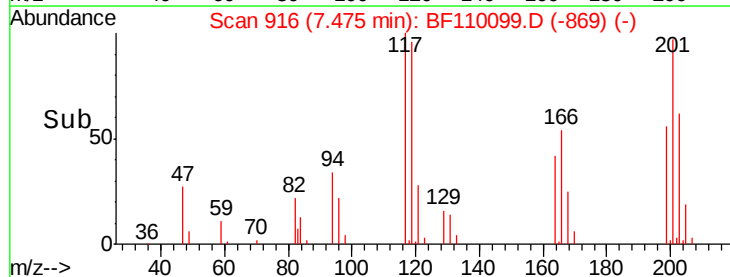
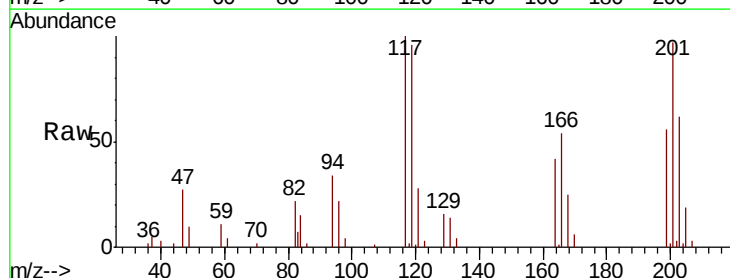
Instrument :
BNA_F
ClientSampled :

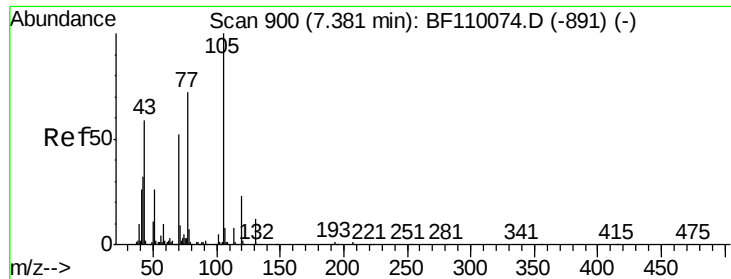
Tot Ion:107 Resp: 46146
Ion Ratio Lower Upper
107 100
108 116.2 92.6 138.8
77 44.0 59.4 89.2#
79 43.3 54.0 81.0#



#18
Hexachloroethane
Concen: 5.104 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion:117 Resp: 22659
Ion Ratio Lower Upper
117 100
119 96.1 75.0 112.6
201 96.6 79.2 118.8

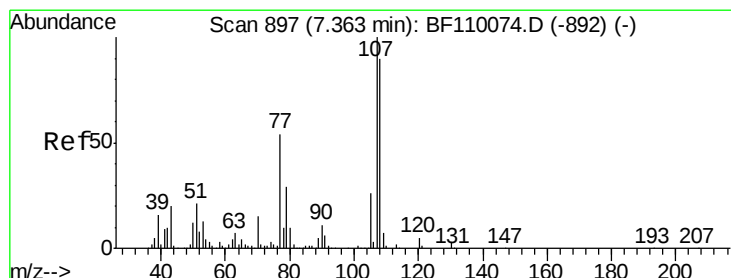
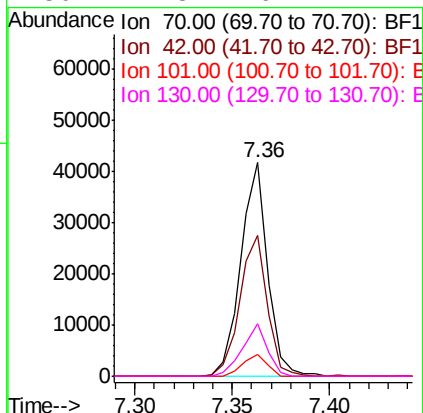
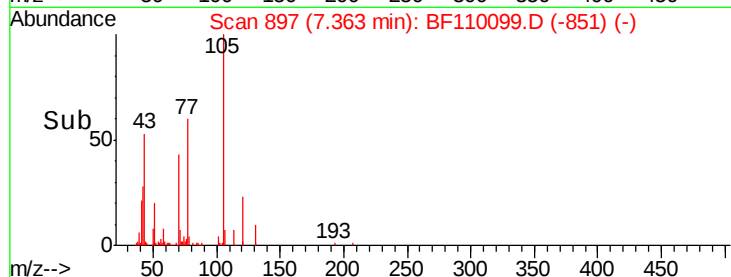
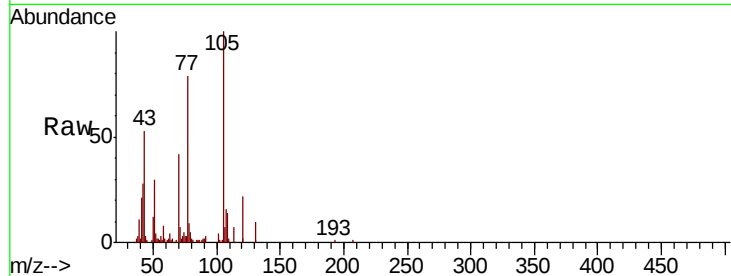




#19
n-Nitroso-di-n-propylamine
Concen: 5.101 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

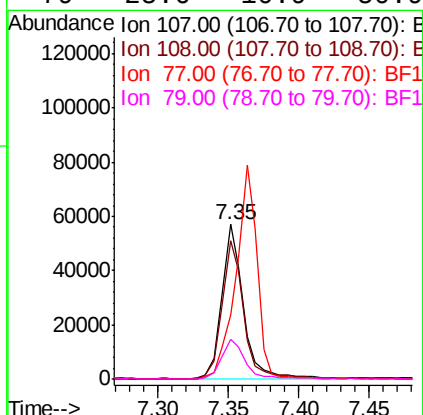
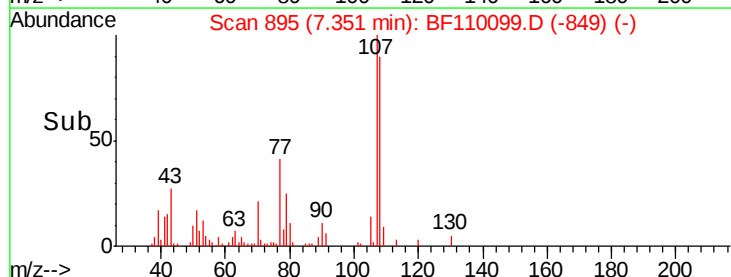
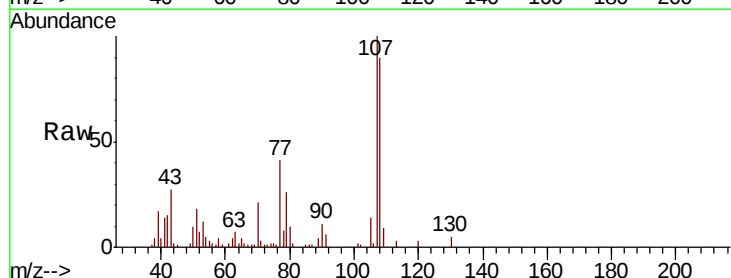
Instrument :
BNA_F
ClientSampleId :

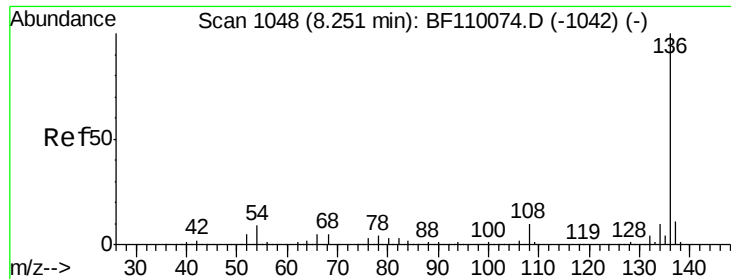
Tot Ion: 70 Resp: 39548
Ion Ratio Lower Upper
70 100
42 65.9 47.4 71.2
101 9.9 7.3 10.9
130 24.3 16.2 24.2#



#20
3+4-Methylphenols
Concen: 5.415 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion:107 Resp: 60772
Ion Ratio Lower Upper
107 100
108 89.7 71.4 111.4
77 41.4 47.3 87.3#
79 25.6 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 639970

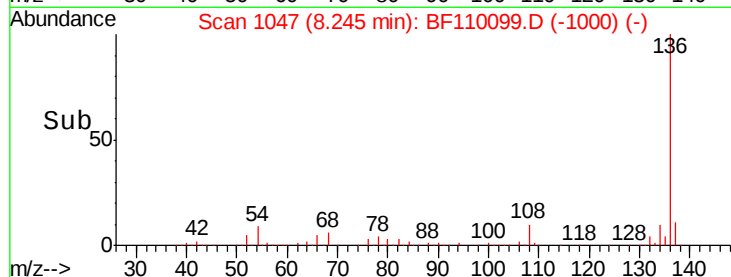
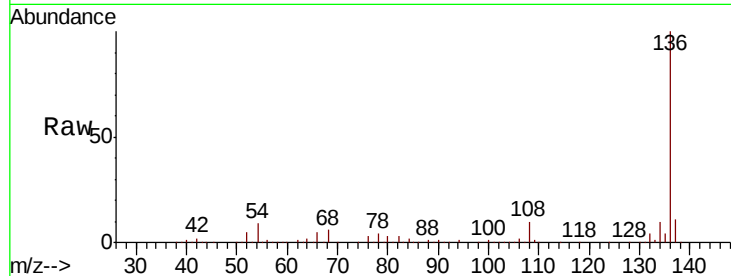
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.7 5.4 8.2#

68 5.7 4.2 6.2

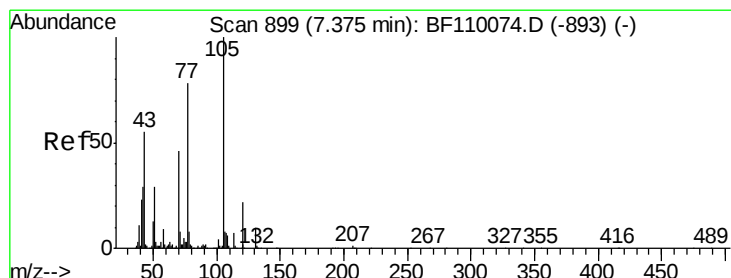
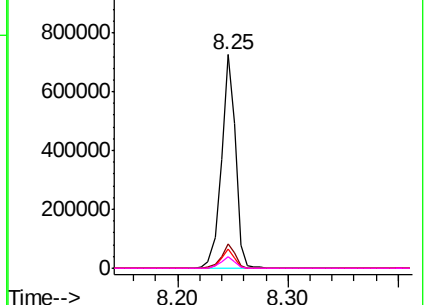


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 5.739 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.03 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Tgt Ion:105 Resp: 84632

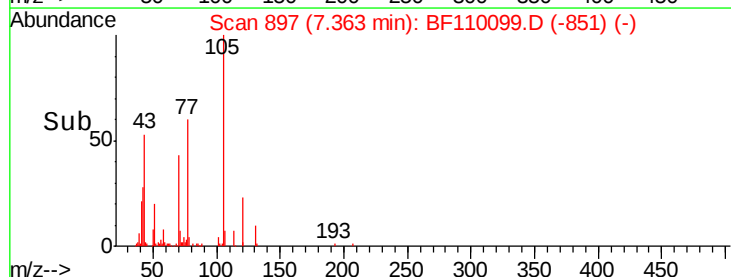
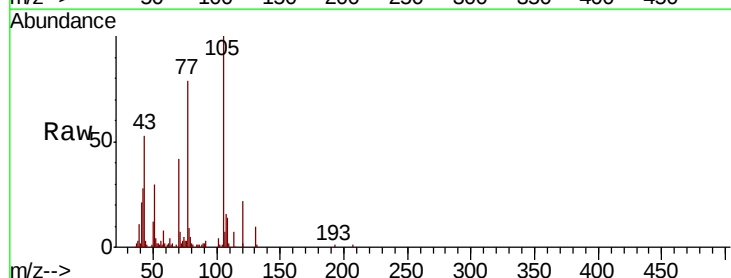
Ion Ratio Lower Upper

105 100

71 6.9 5.2 7.8

51 30.3 21.8 32.8

120 22.3 17.0 25.4

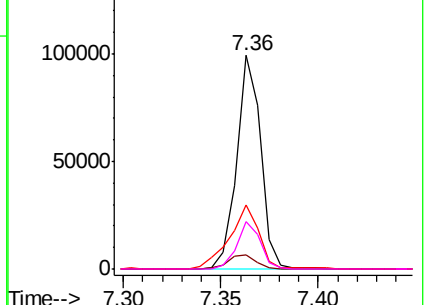


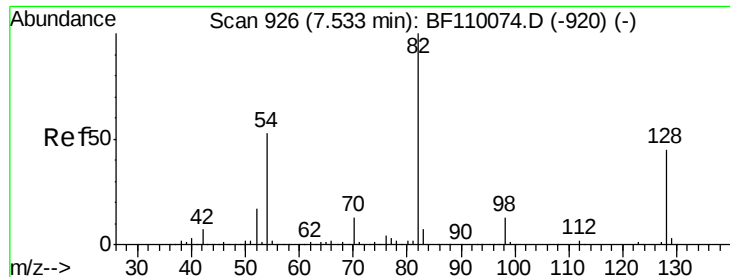
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

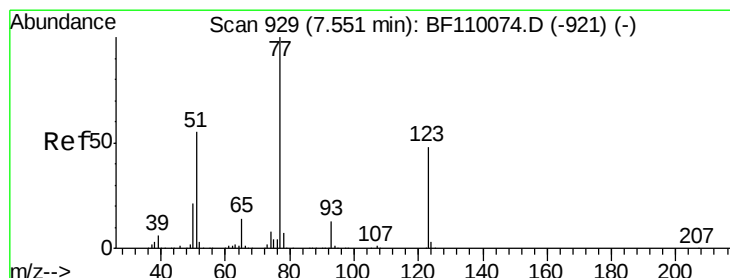
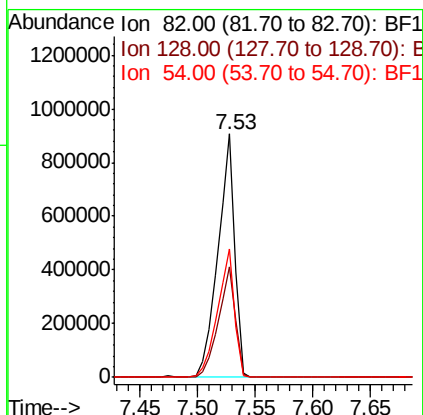
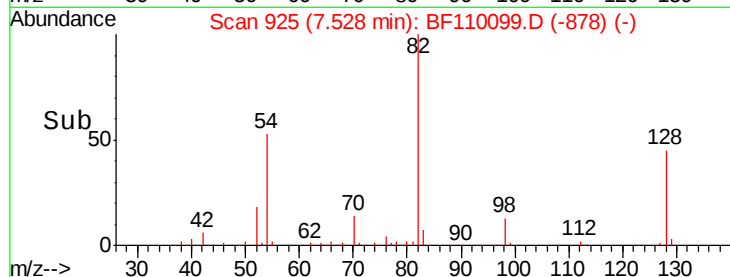
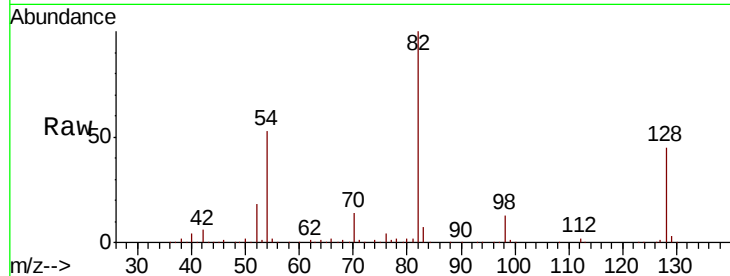




#23
 Nitrobenzene-d5
 Concen: 84.791 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

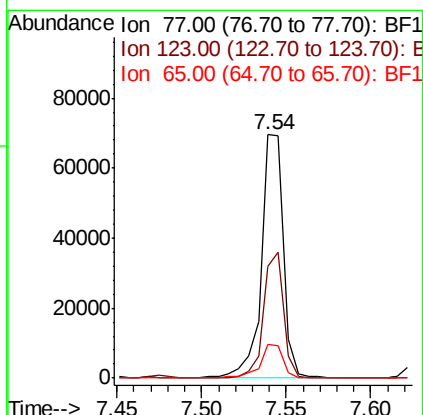
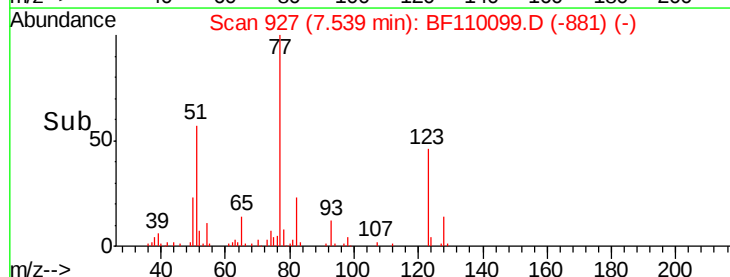
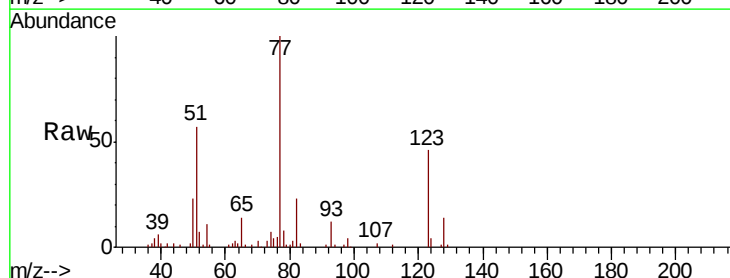
Instrument :
 BNA_F
 ClientSampleID :

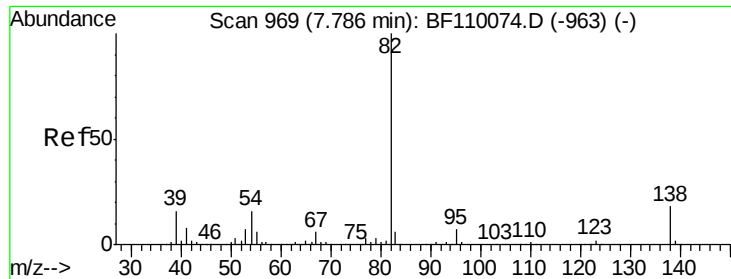
Tot Ion	82	Resp	914869
Ion Ratio	100	Lower	Upper
128	45.3	34.2	51.2
54	52.8	38.6	58.0



#24
 Nitrobenzene
 Concen: 5.685 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.03 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Tgt Ion	77	Resp	63330
Ion Ratio	100	Lower	Upper
123	46.1	35.7	53.5
65	14.0	10.7	16.1





#25

Isophorone

Concen: 6.062 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampleId :

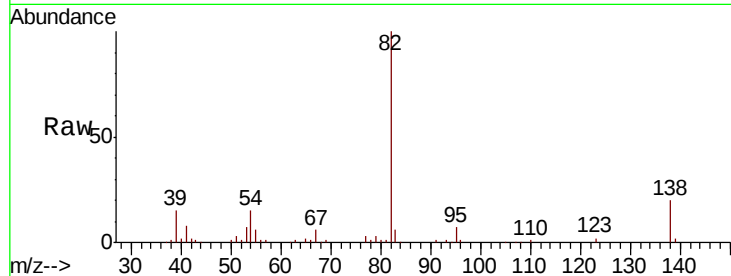
Tot Ion: 82 Resp: 111492

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

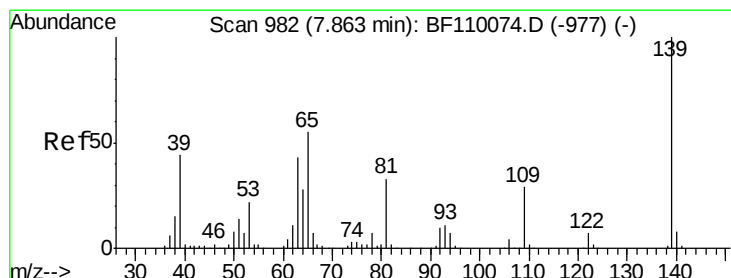
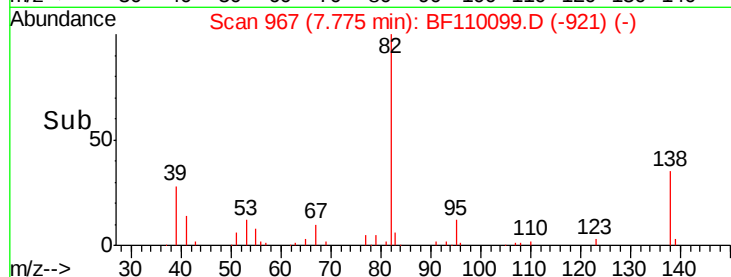
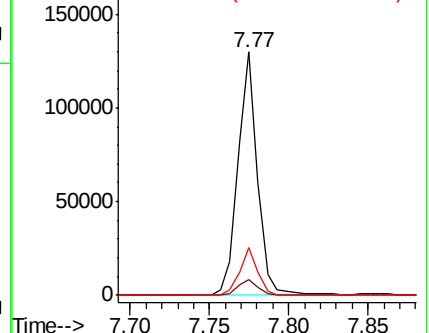
138 19.8 13.2 19.8



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: 4.705 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

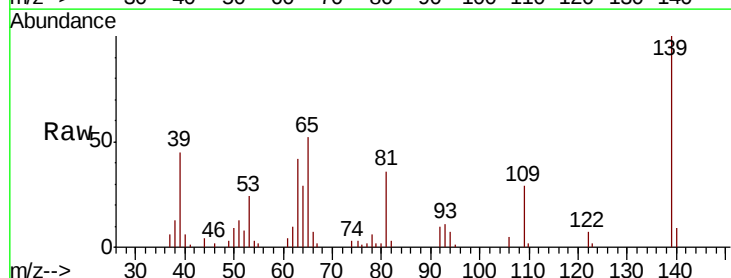
Tgt Ion: 139 Resp: 24939

Ion Ratio Lower Upper

139 100

109 29.0 25.0 37.6

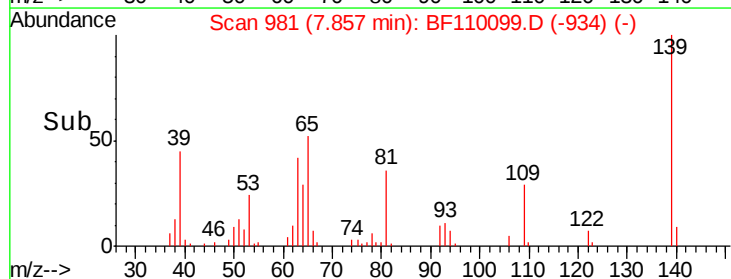
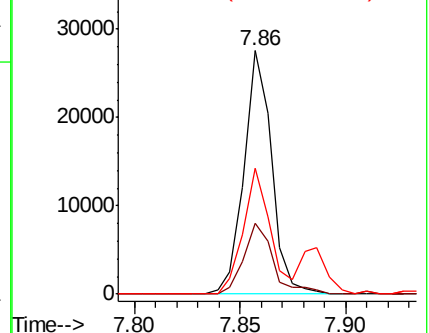
65 51.5 44.0 66.0

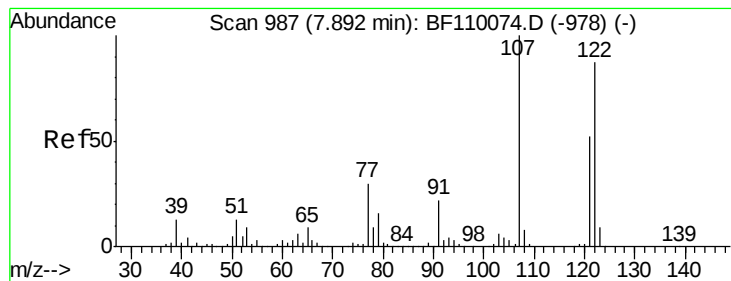


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 6.004 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampleId :

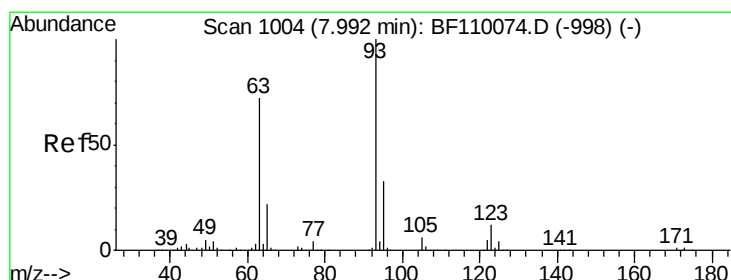
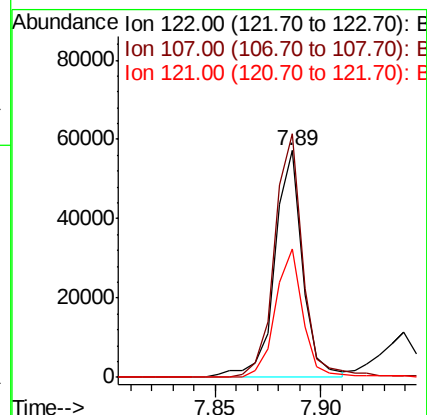
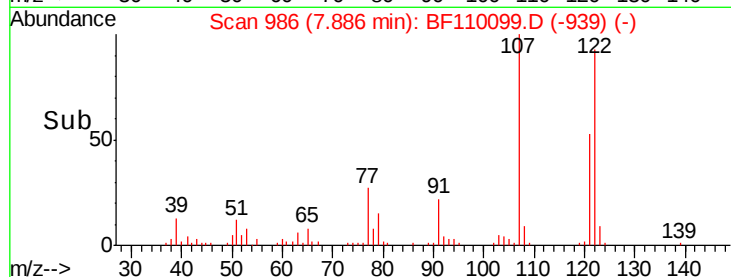
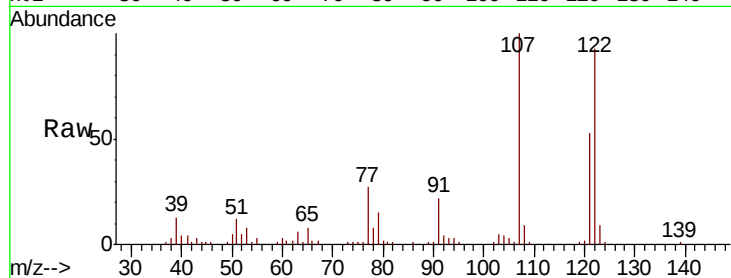
Tot Ion:122 Resp: 52764

Ion Ratio Lower Upper

122 100

107 107.4 92.5 138.7

121 56.5 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 5.569 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

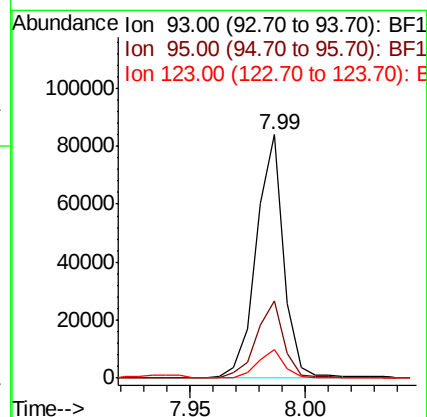
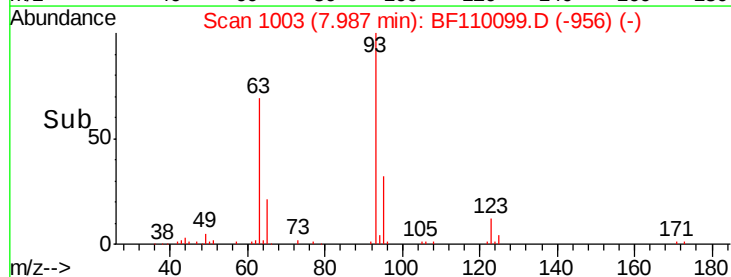
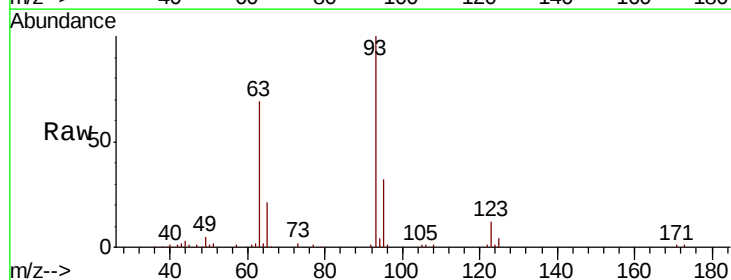
Tgt Ion: 93 Resp: 69586

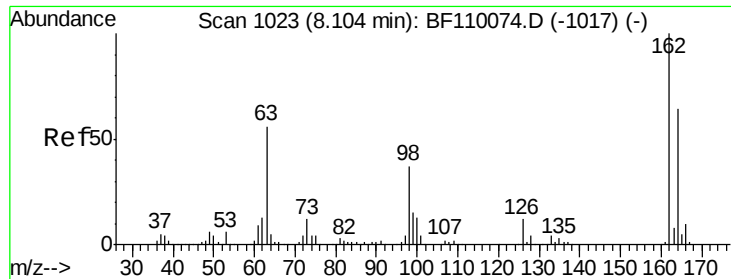
Ion Ratio Lower Upper

93 100

95 31.9 26.4 39.6

123 11.6 9.0 13.6

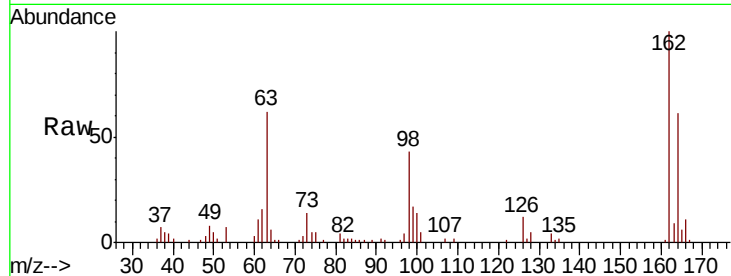




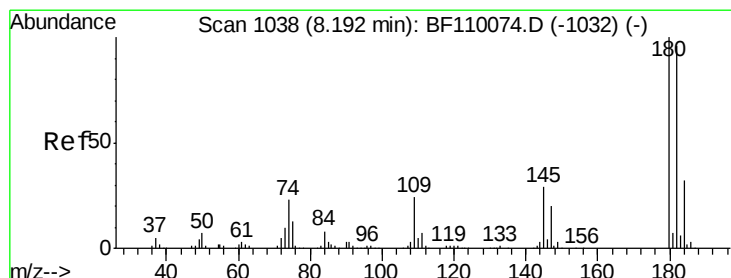
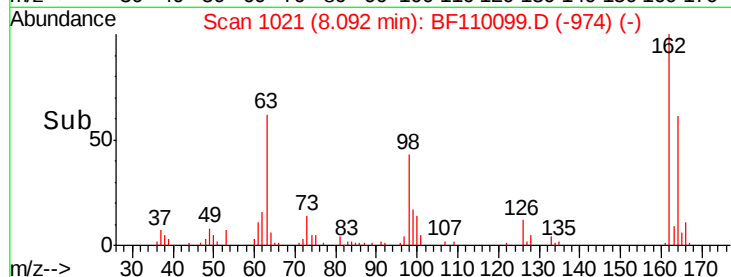
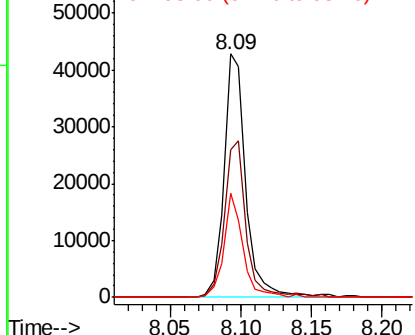
#29
 2,4-Dichlorophenol
 Concen: 5.161 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.9	44.6	84.6
98	42.5	17.4	57.4

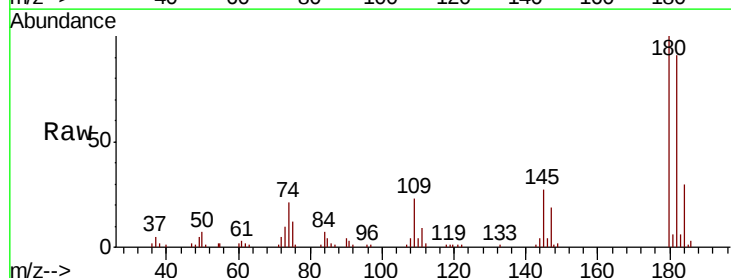


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

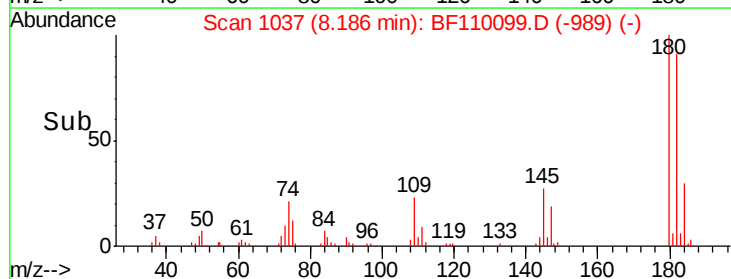
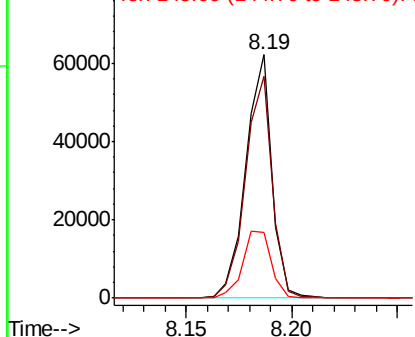


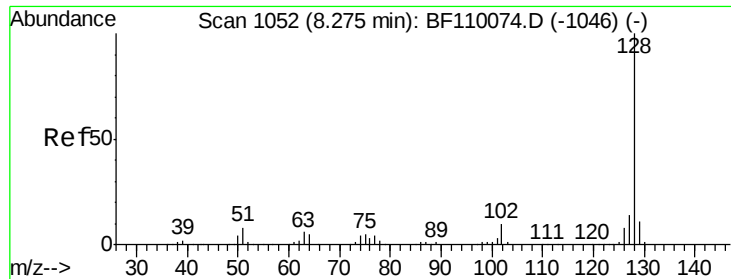
#30
 1,2,4-Trichlorobenzene
 Concen: 5.344 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.0	80.3	120.5
145	27.1	25.4	38.0



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

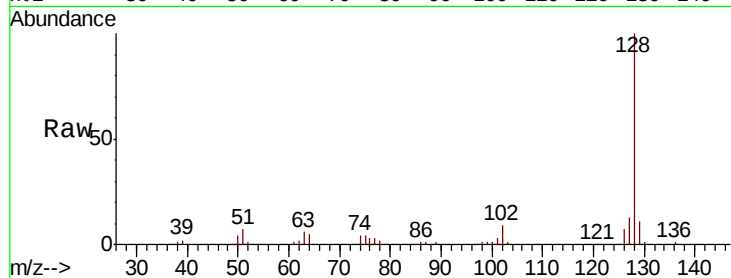




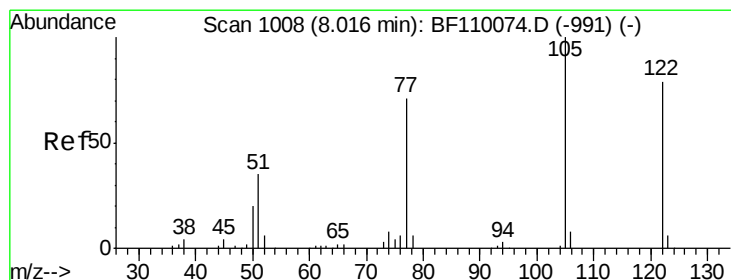
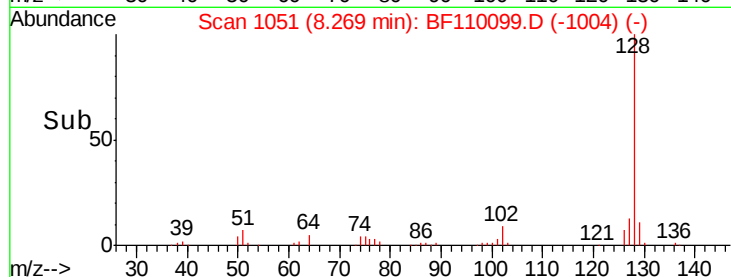
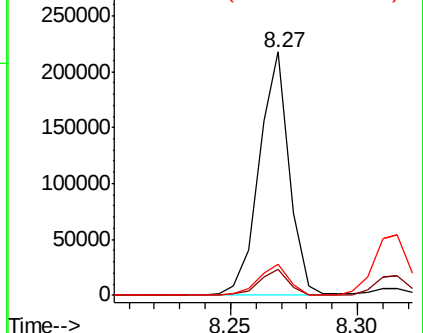
#31
Naphthalene
Concen: 6.084 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 179456
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.6 10.8 16.2

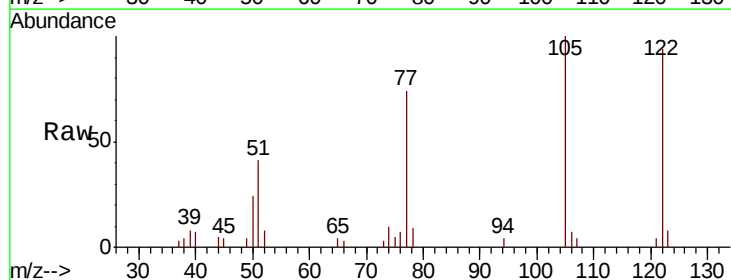


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

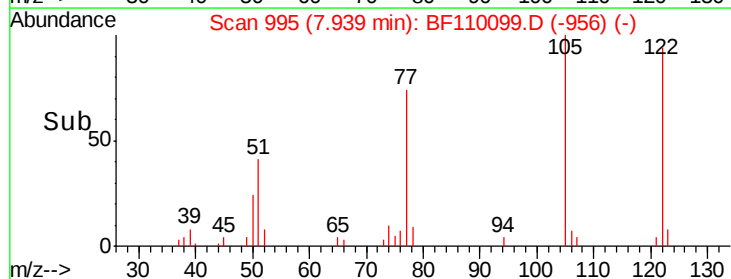
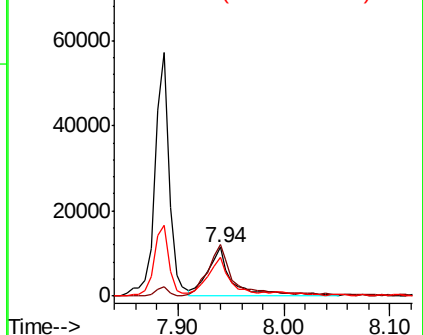


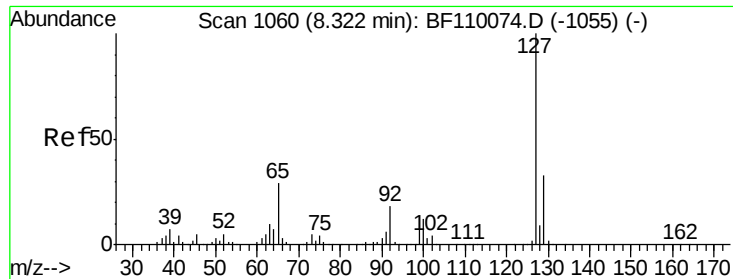
#32
Benzoic acid
Concen: 2.805 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.07 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion:122 Resp: 19051
Ion Ratio Lower Upper
122 100
105 106.0 109.0 149.0#
77 78.7 79.0 119.0#



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

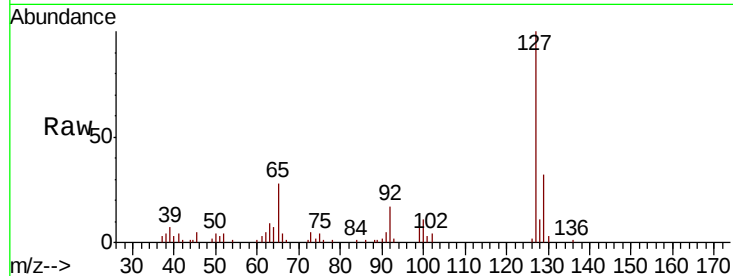




#33
4-Chloroaniline
Concen: 4.256 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	56494
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	27.9	25.1	37.7
92	17.5	15.0	22.6



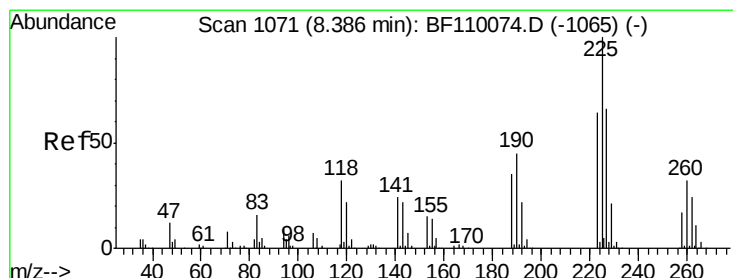
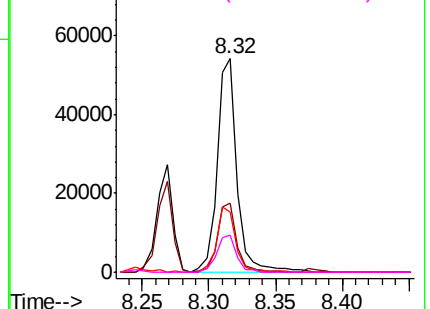
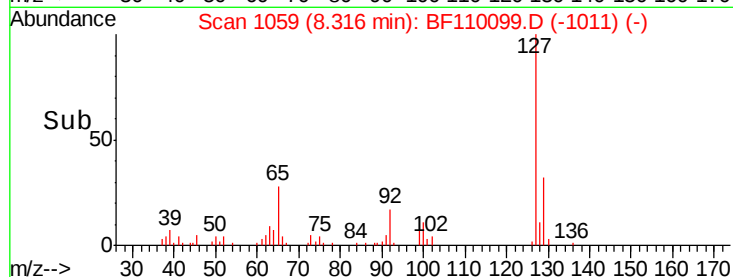
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

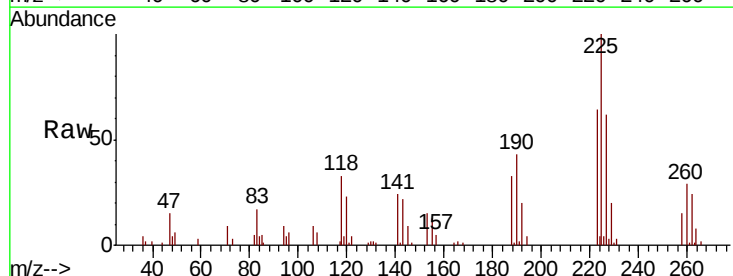
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 5.262 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion:	225	Resp:	29058
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.4	77.2
227	62.0	51.0	76.6

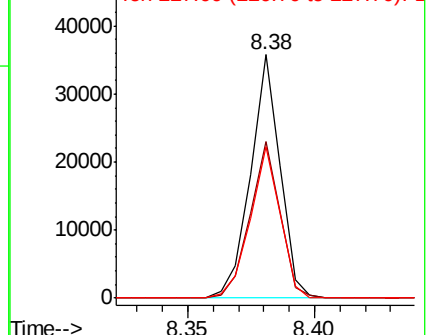
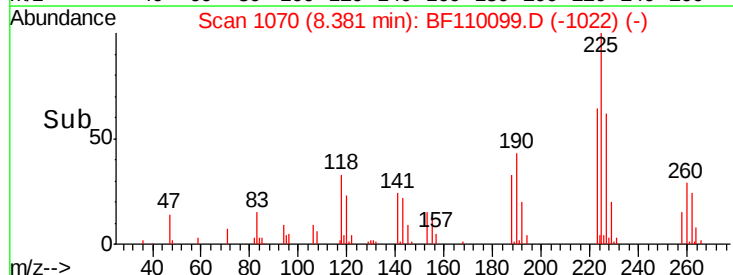


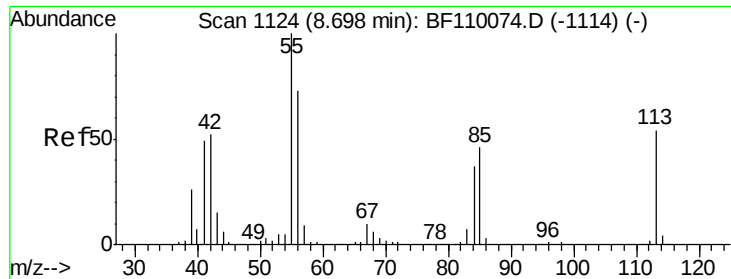
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

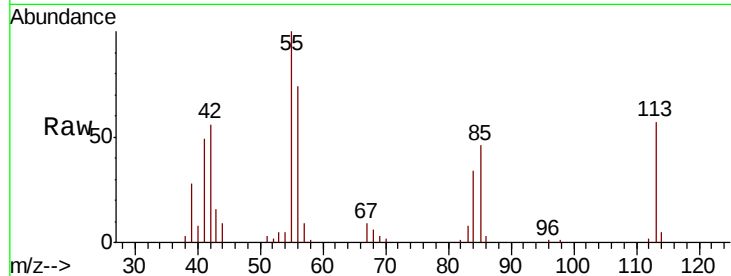




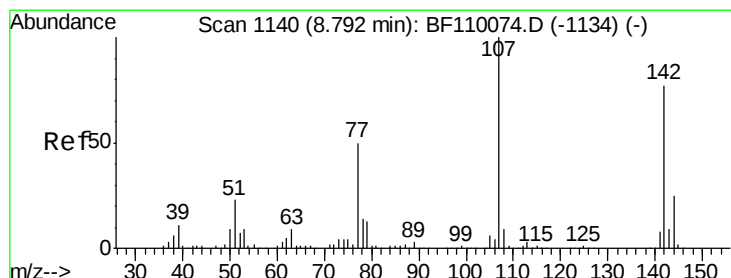
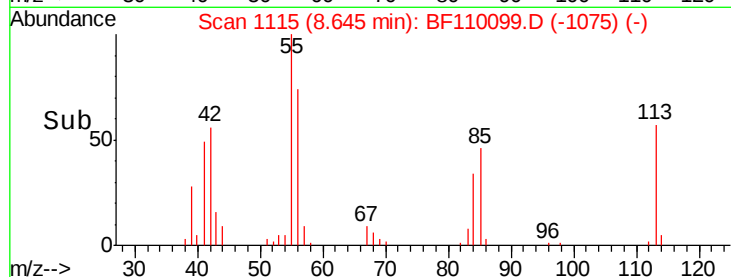
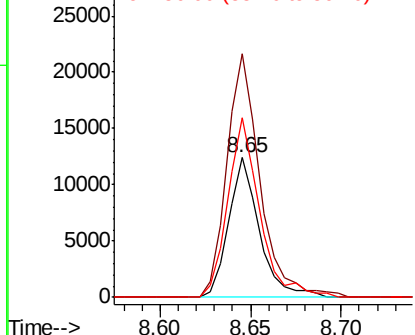
#35
 Caprolactam
 Concen: 4.734 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.06 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 14652
 Ion Ratio Lower Upper
 113 100
 55 174.1 142.8 182.8
 56 128.3 105.0 145.0

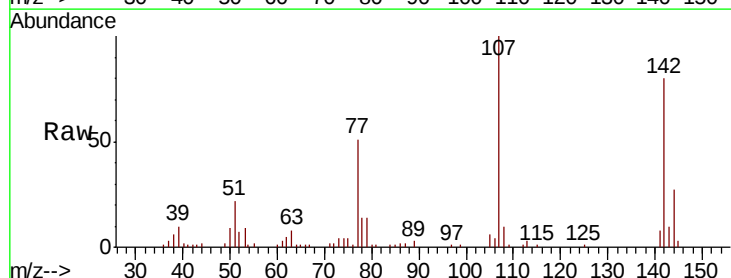


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

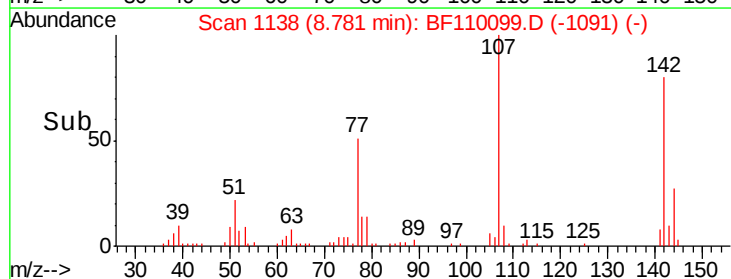
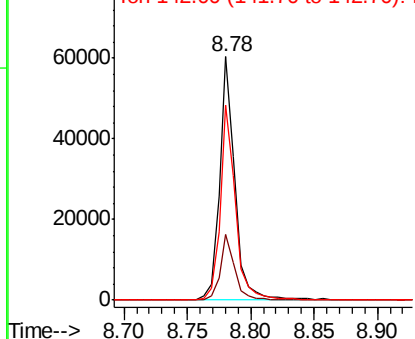


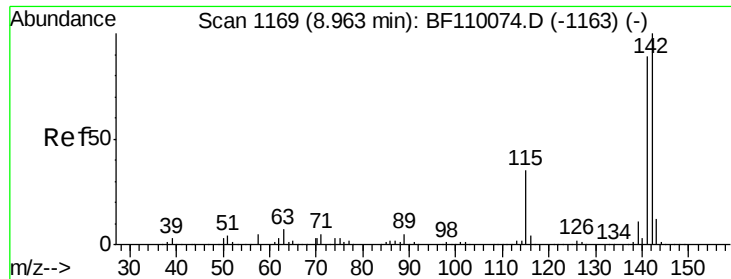
#36
 4-Chloro-3-methylphenol
 Concen: 5.349 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Tgt Ion:107 Resp: 51360
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.0 30.0
 142 80.0 59.7 89.5



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

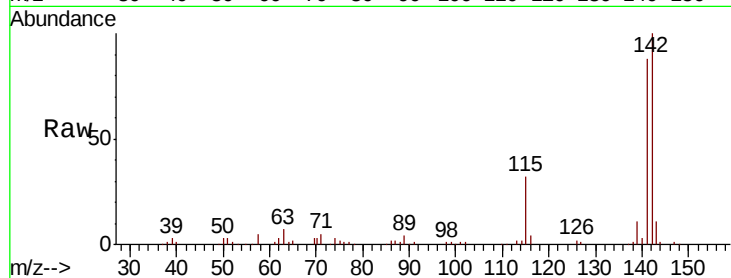




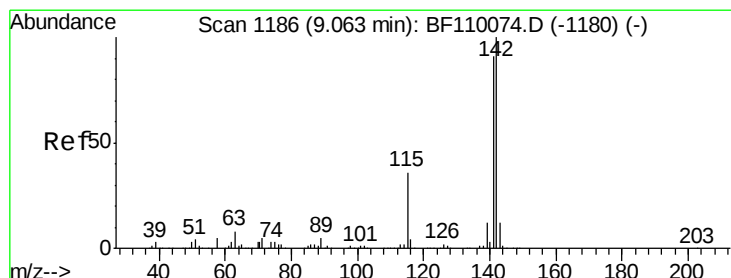
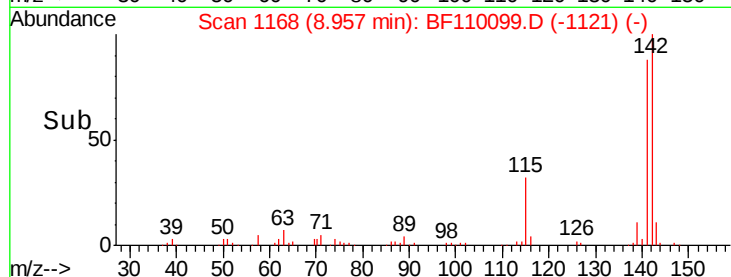
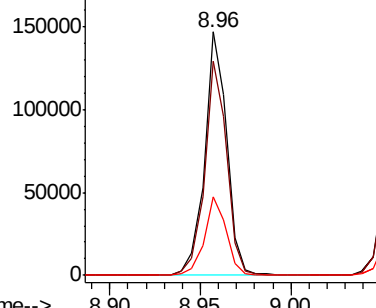
#37
2-Methylnaphthalene
Concen: 6.407 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	32.1	28.7	43.1

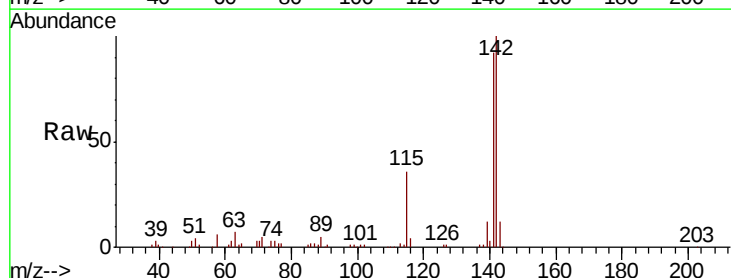


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

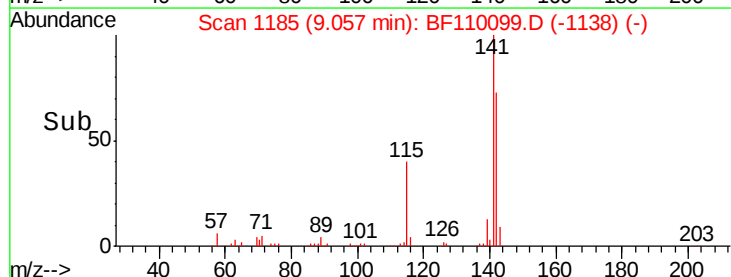
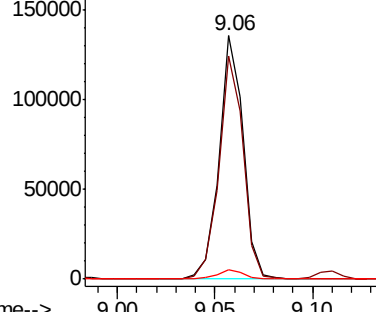


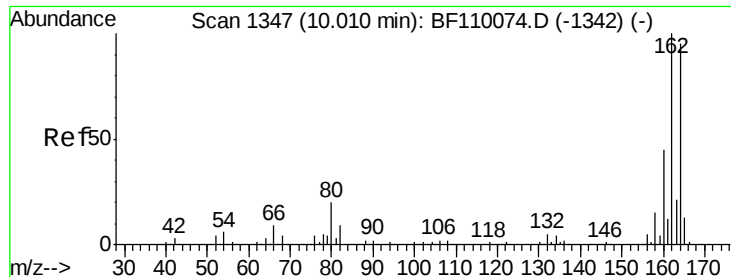
#38
1-Methylnaphthalene
Concen: 6.127 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.2	111.4
116	3.8	2.6	4.0



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: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampled :

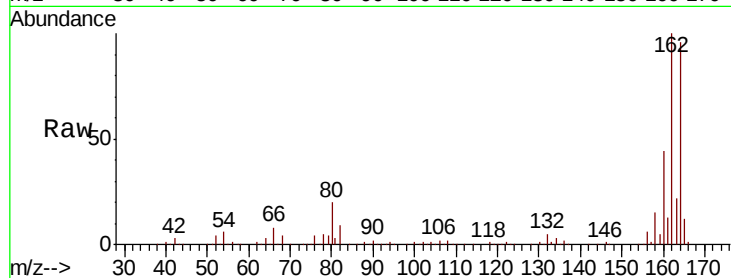
Tot Ion:164 Resp: 315338

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.6

160 45.5 37.0 55.6

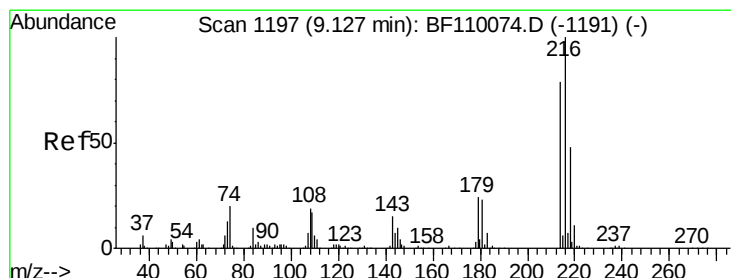
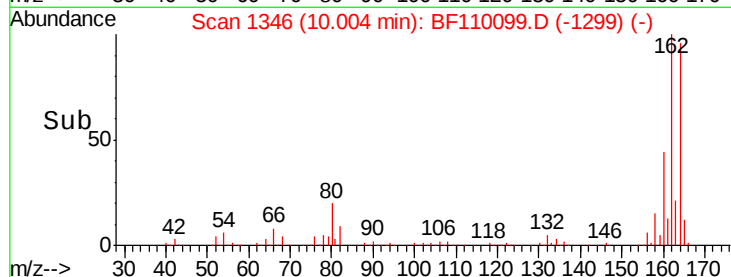
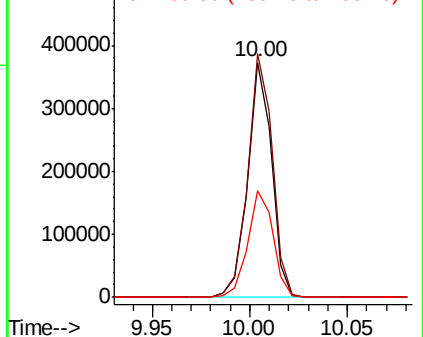


Abundance

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: 5.236 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Tgt Ion:216 Resp: 51449

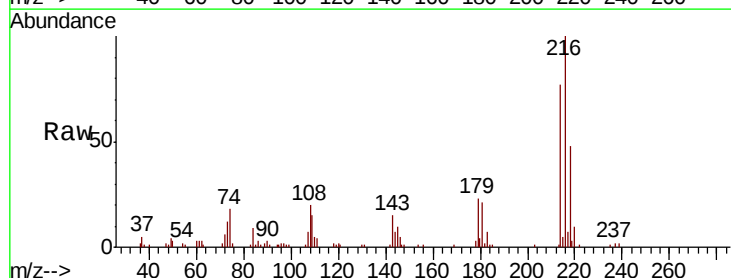
Ion Ratio Lower Upper

216 100

214 77.7 63.8 95.6

179 22.8 16.6 25.0

108 20.1 15.1 22.7



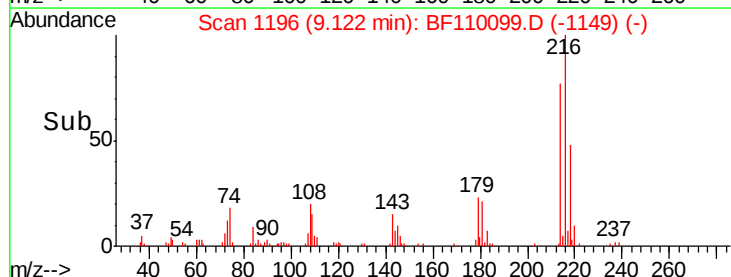
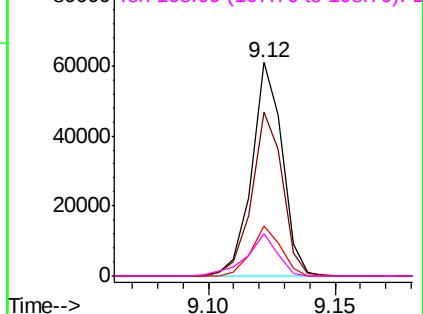
Abundance

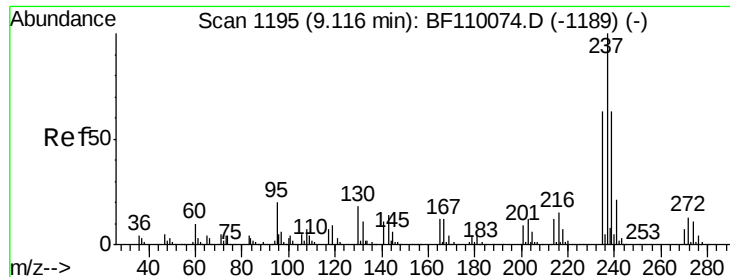
Ion 216.00 (215.70 to 216.70): E

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: 5.003 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampleId :

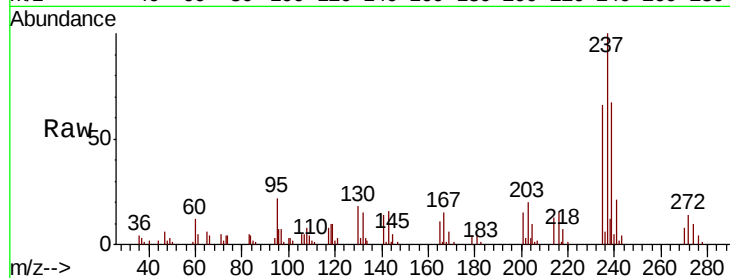
Tot Ion:237 Resp: 25136

Ion Ratio Lower Upper

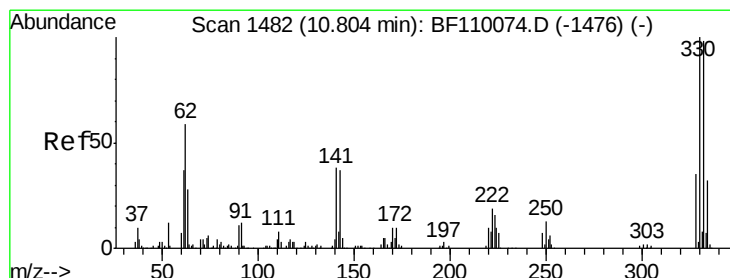
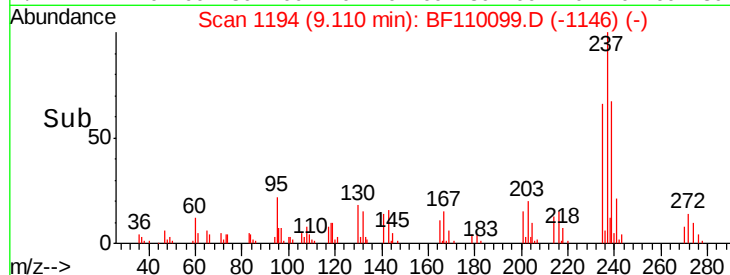
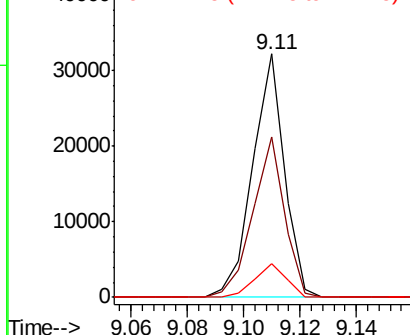
237 100

235 65.7 43.1 83.1

272 13.9 0.0 32.6



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: 134.896 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

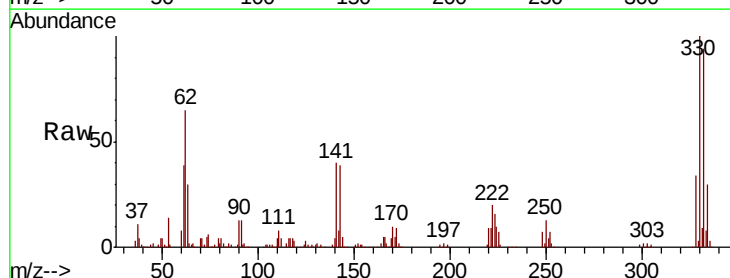
Tgt Ion:330 Resp: 421364

Ion Ratio Lower Upper

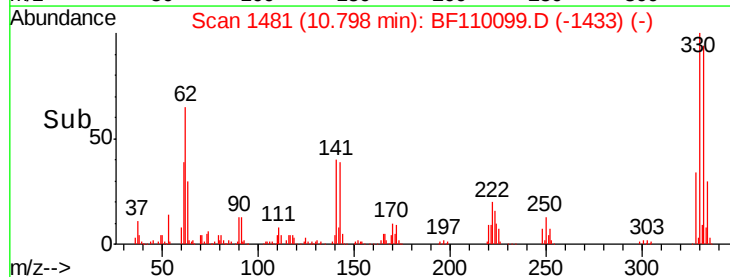
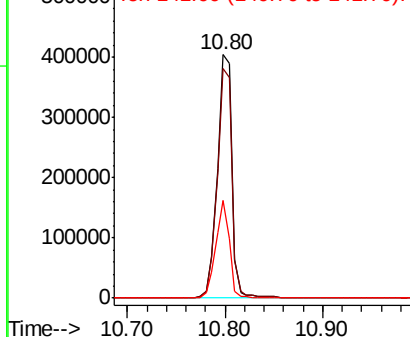
330 100

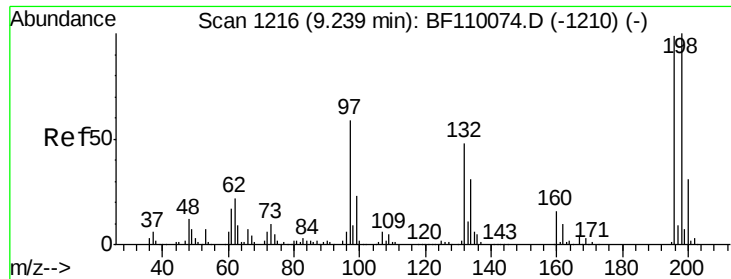
332 95.2 77.1 115.7

141 37.2 27.0 40.4



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

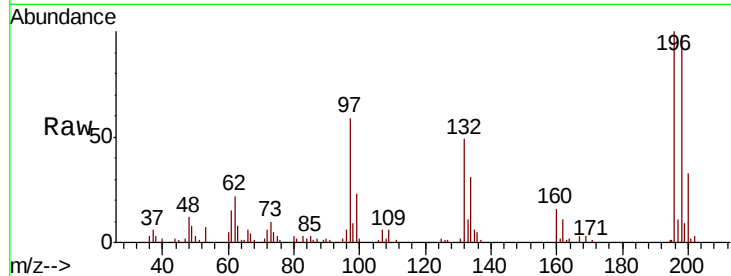




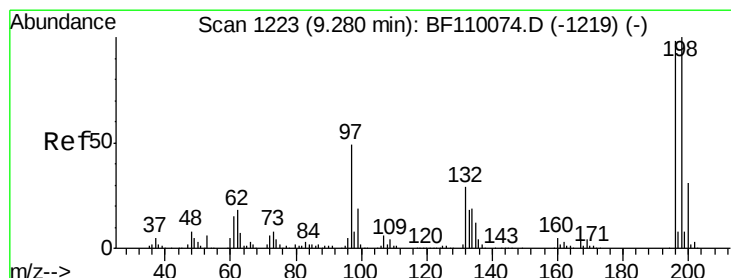
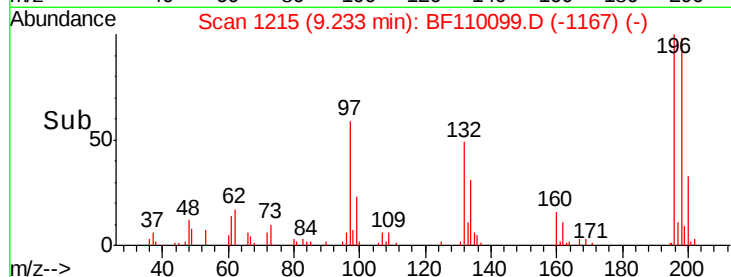
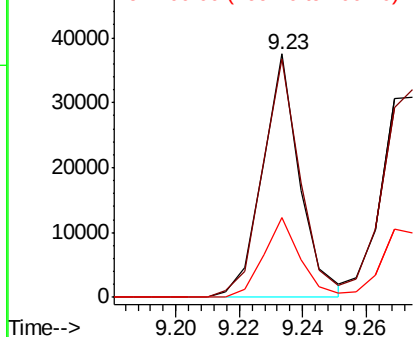
#43
 2,4,6-Trichlorophenol
 Concen: 4.839 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 30664
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.2 114.4
 200 33.0 24.4 36.6

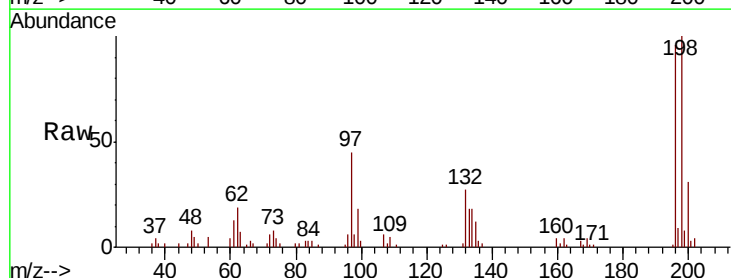


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

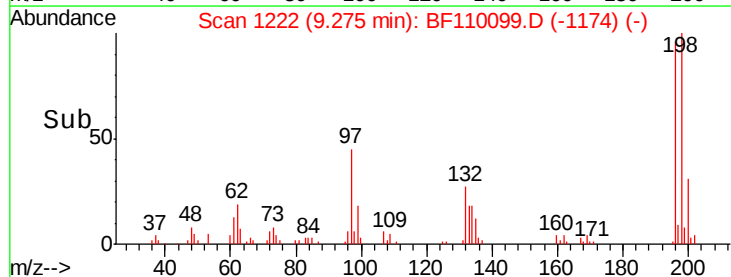
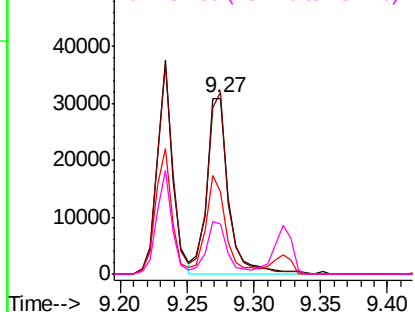


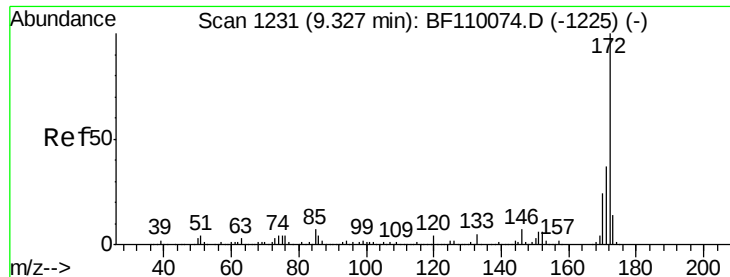
#44
 2,4,5-Trichlorophenol
 Concen: 5.352 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Tgt Ion:196 Resp: 35851
 Ion Ratio Lower Upper
 196 100
 198 103.6 75.8 113.6
 97 46.4 42.4 63.6
 132 28.1 22.8 34.2



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

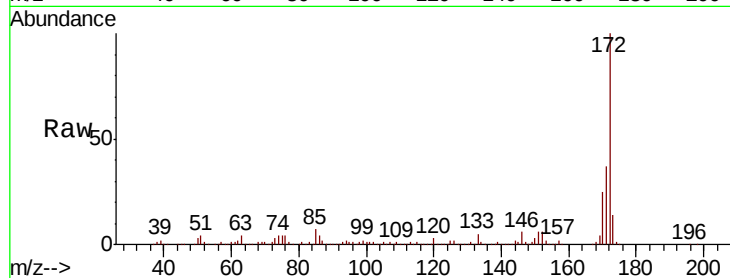




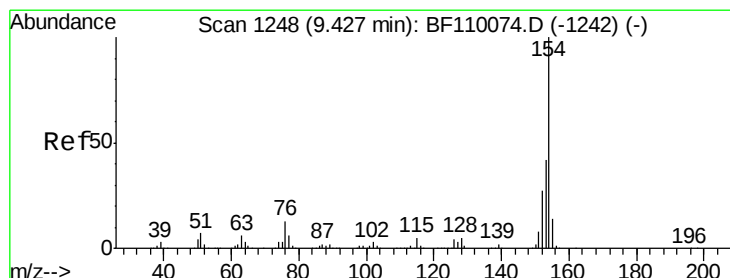
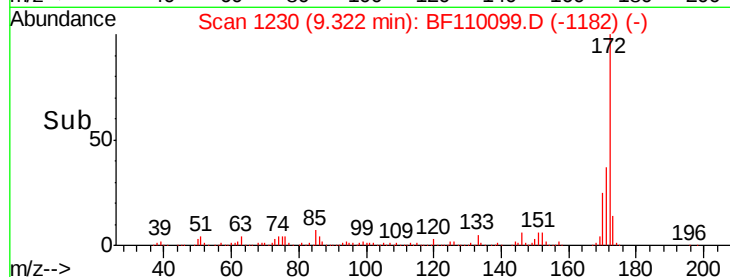
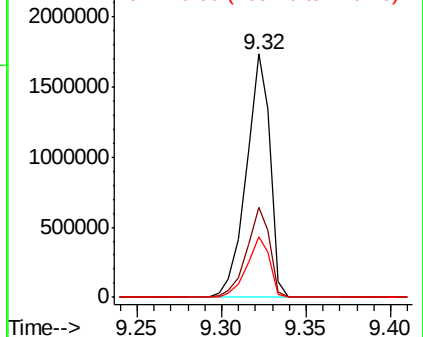
#45
2-Fluorobiphenyl
Concen: 85.036 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1707683
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.7 19.7 29.5

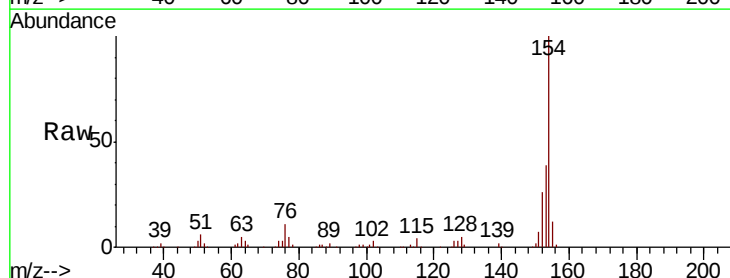


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

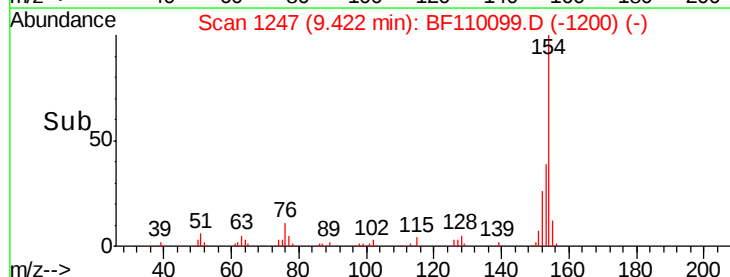
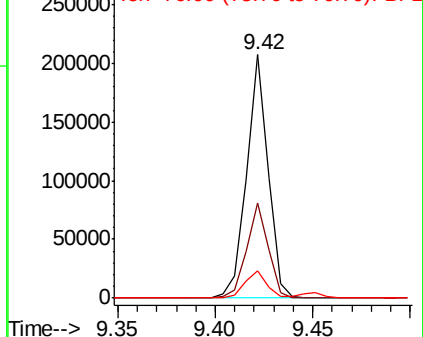


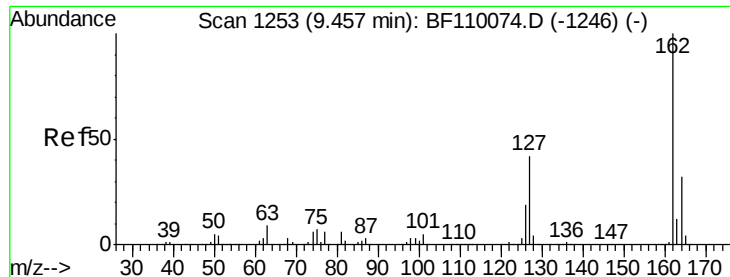
#46
1,1'-Biphenyl
Concen: 5.528 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion:154 Resp: 157634
Ion Ratio Lower Upper
154 100
153 38.9 20.4 60.4
76 11.3 0.0 31.9



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

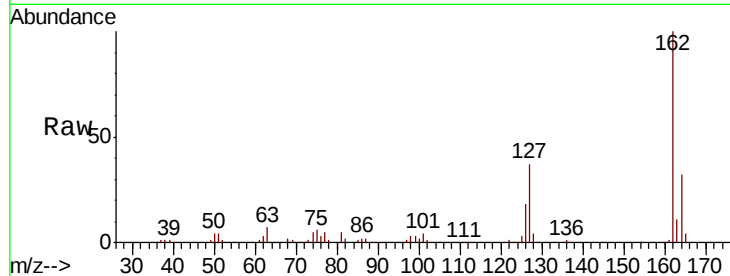




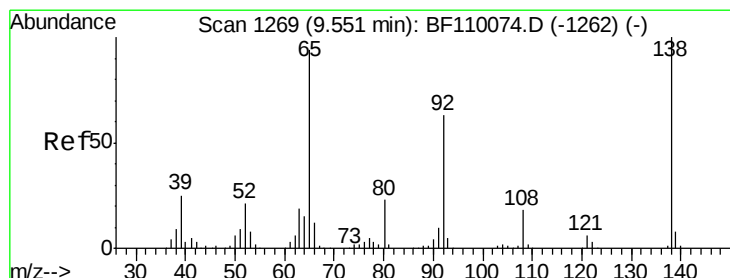
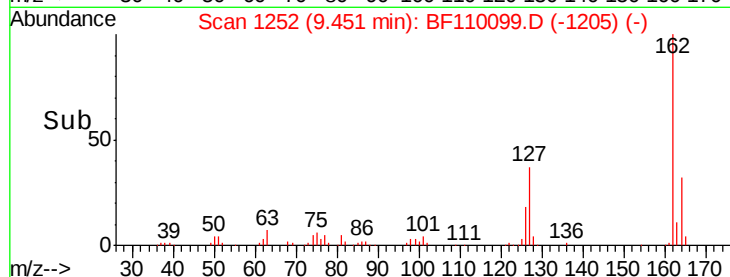
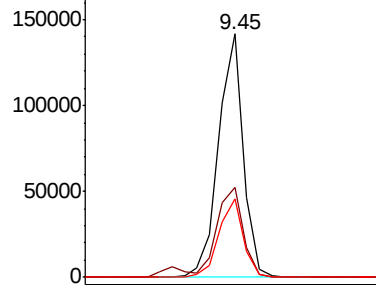
#47
 2-Chloronaphthalene
 Concen: 5.510 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	32.6	48.8
164	32.4	25.9	38.9

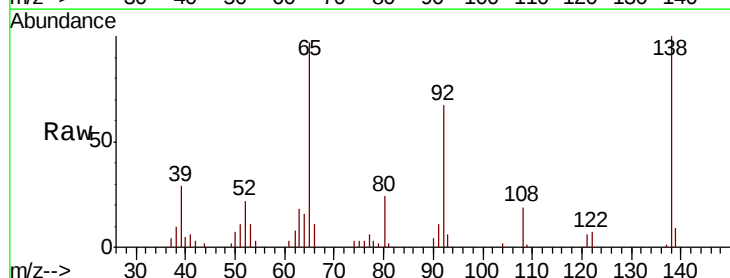


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

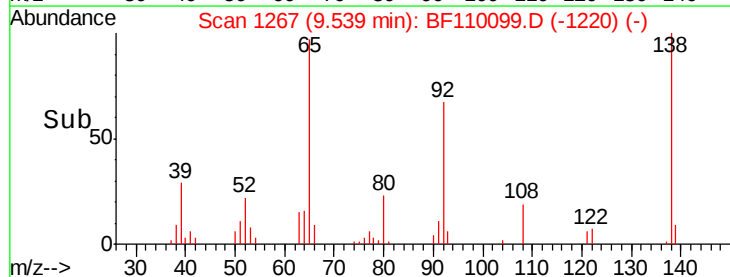
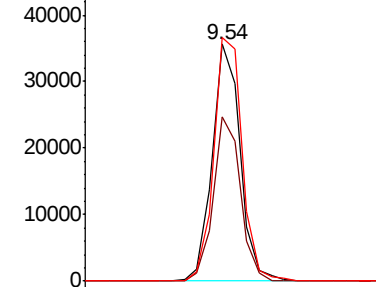


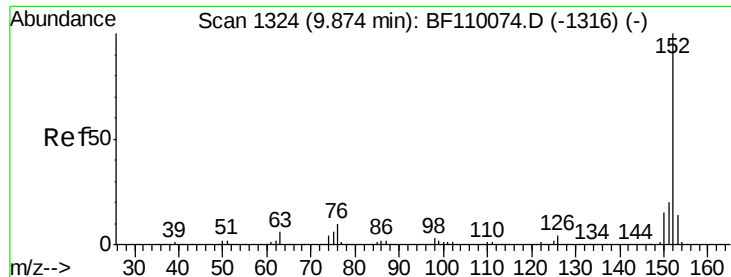
#48
 2-Nitroaniline
 Concen: 5.123 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	54.6	81.8
138	102.7	80.3	120.5



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: 6.037 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampled :

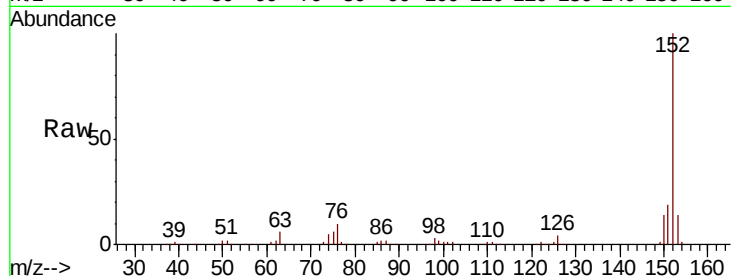
Tot Ion:152 Resp: 182398

Ion Ratio Lower Upper

152 100

151 19.0 15.8 23.8

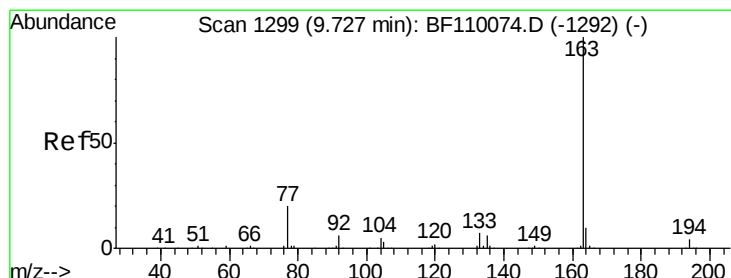
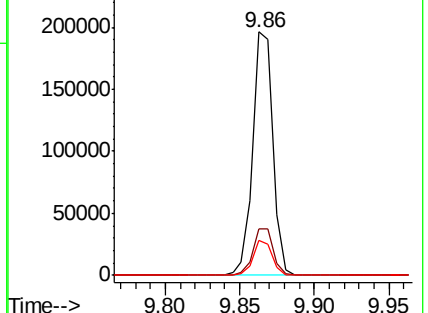
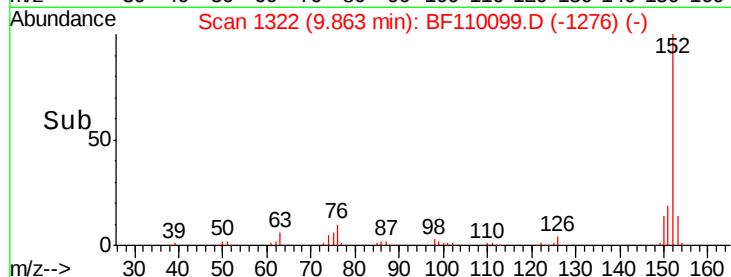
153 14.1 10.4 15.6



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: 5.707 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.03 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

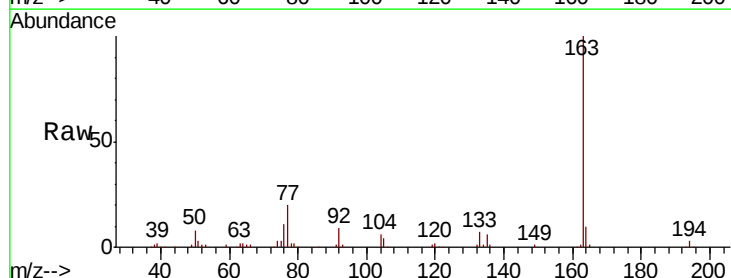
Tgt Ion:163 Resp: 132855

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

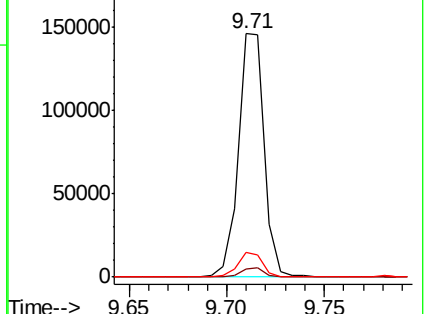
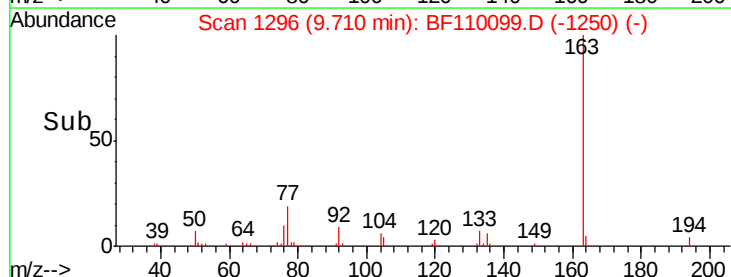
164 10.1 8.1 12.1

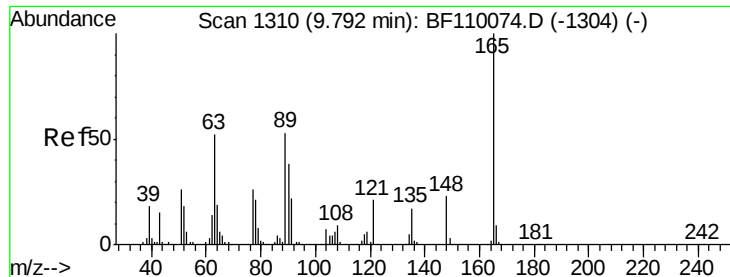


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 5.277 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampled :

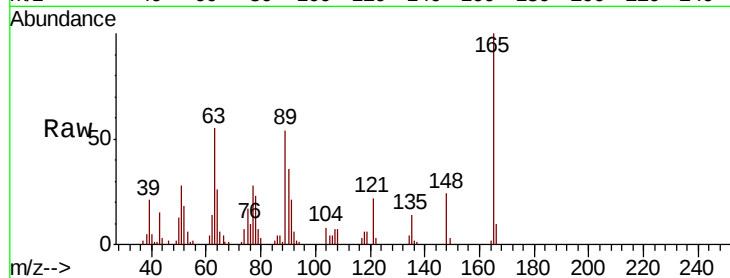
Tot Ion:165 Resp: 26457

Ion Ratio Lower Upper

165 100

63 54.8 48.9 73.3

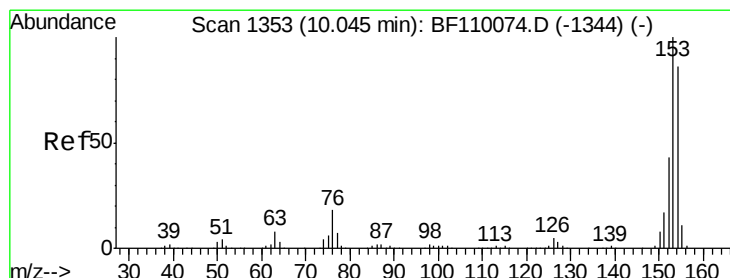
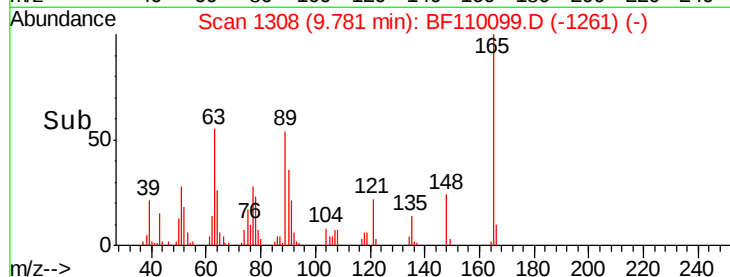
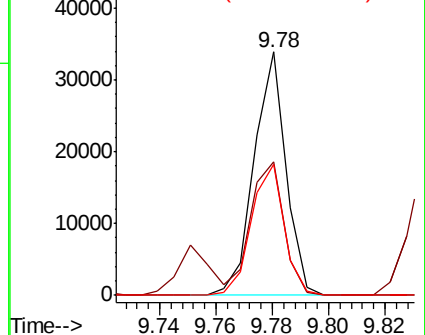
89 53.8 46.6 69.8



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: 5.798 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

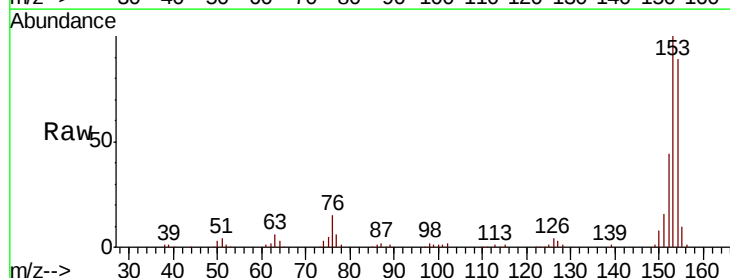
Tgt Ion:154 Resp: 115884

Ion Ratio Lower Upper

154 100

153 112.5 90.1 135.1

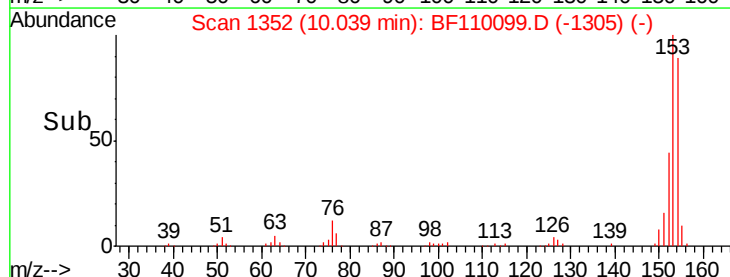
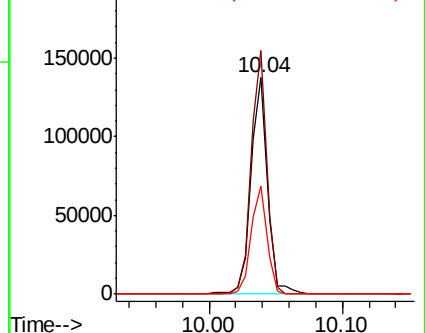
152 49.9 43.4 65.2

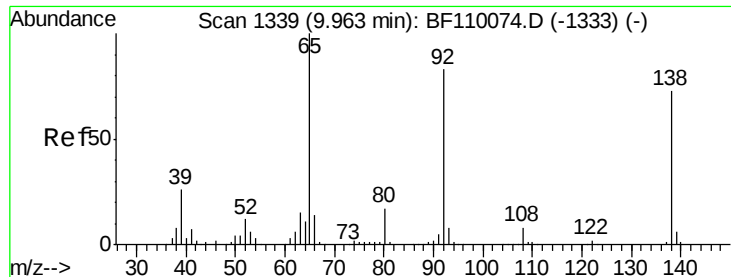


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

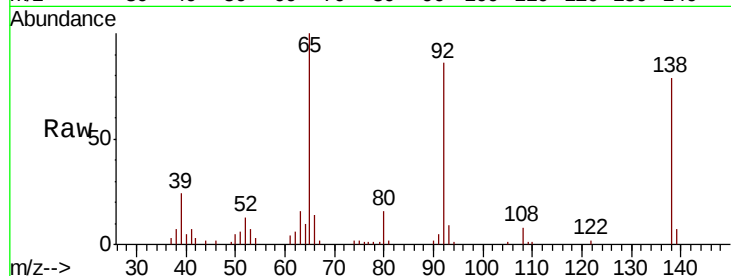




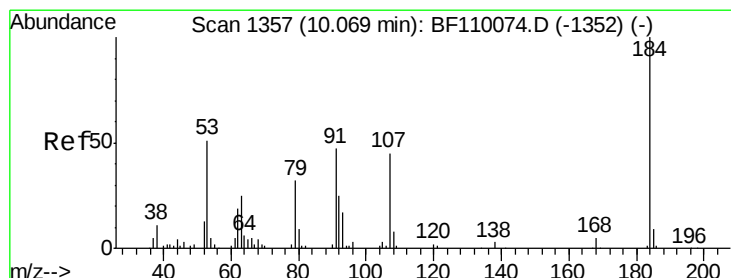
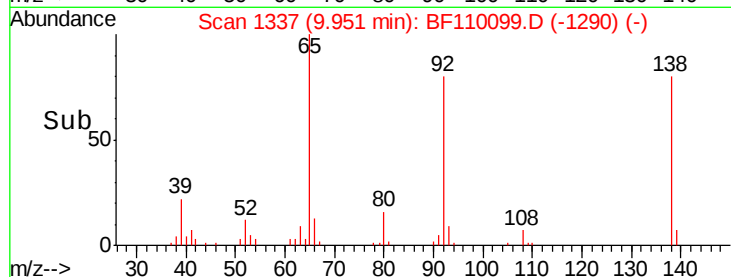
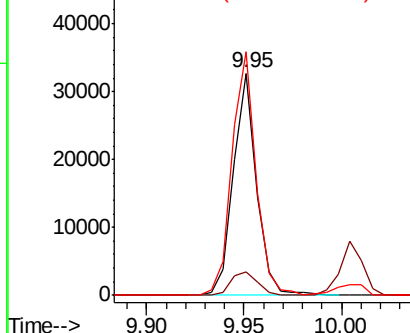
#53
 3-Nitroaniline
 Concen: 4.547 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 27115
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.7 13.1
 92 109.6 97.0 145.4

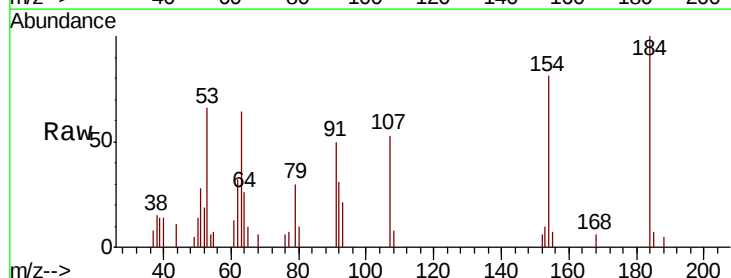


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

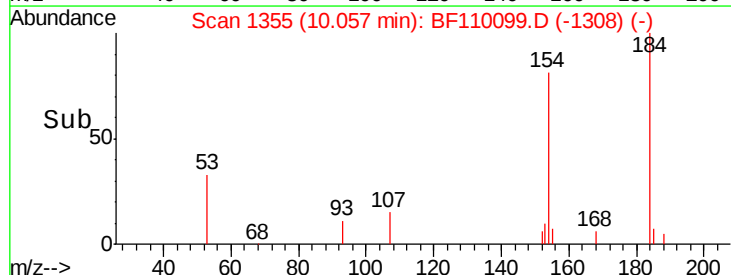
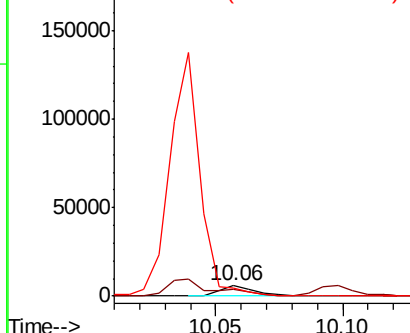


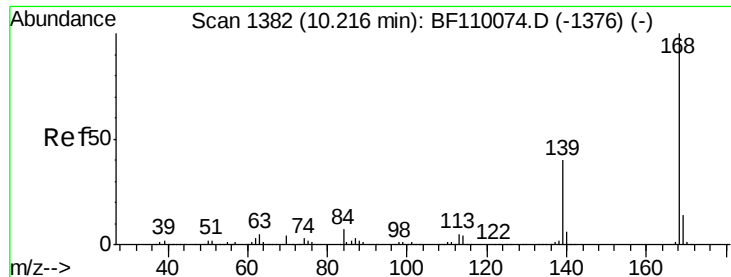
#54
 2,4-Dinitrophenol
 Concen: 7.754 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Tgt Ion:184 Resp: 5487
 Ion Ratio Lower Upper
 184 100
 63 64.0 55.8 83.6
 154 81.2 63.2 94.8



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

Dibenzenofuran

Concen: 5.875 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampleId :

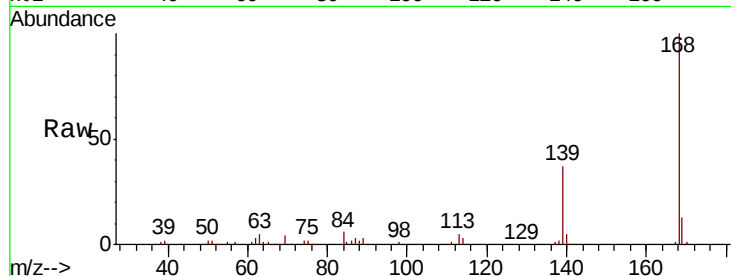
Tot Ion:168 Resp: 164400

Ion Ratio Lower Upper

168 100

139 36.8 33.0 49.6

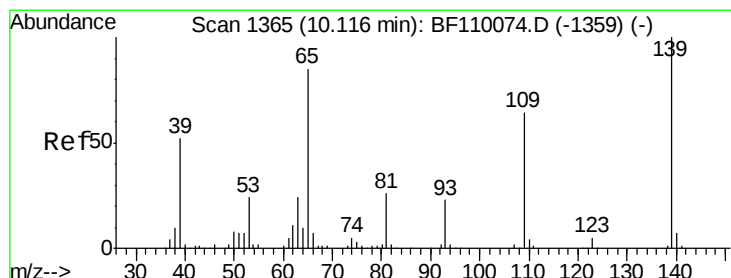
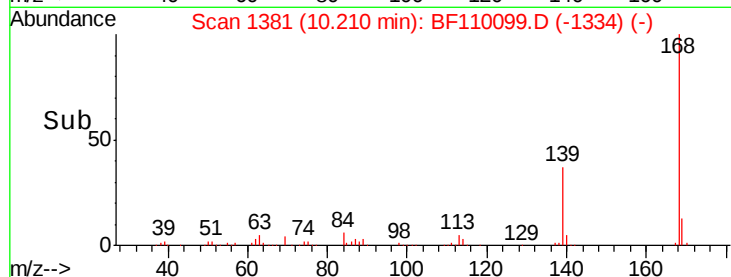
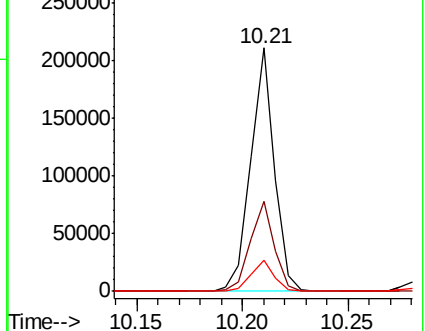
169 12.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 5.032 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

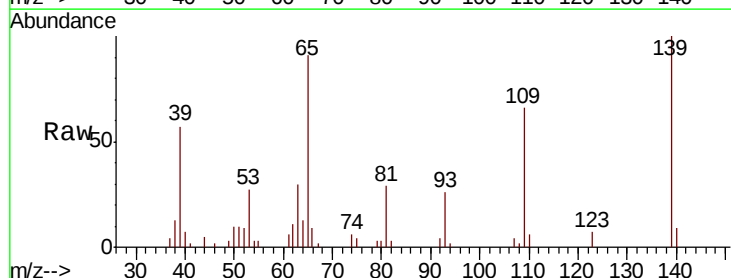
Tgt Ion:139 Resp: 22208

Ion Ratio Lower Upper

139 100

109 66.0 55.8 95.8

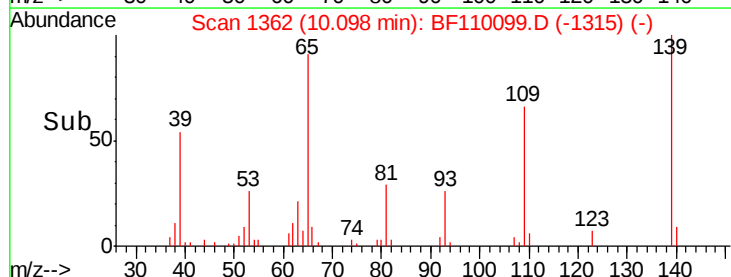
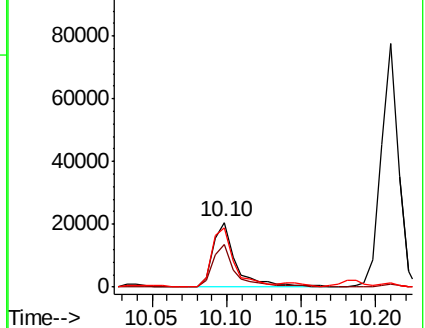
65 91.5 77.9 117.9

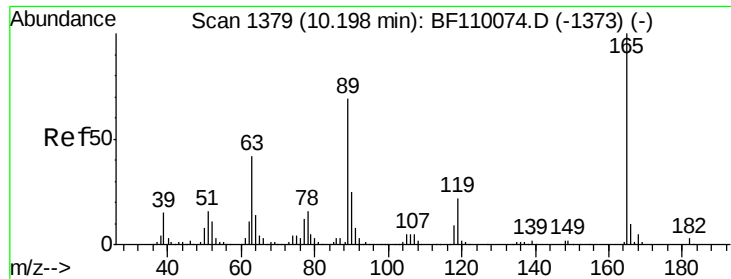


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

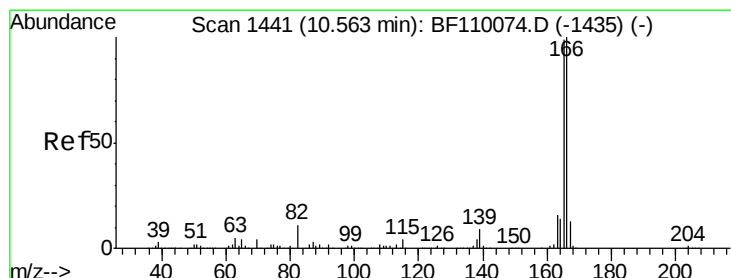
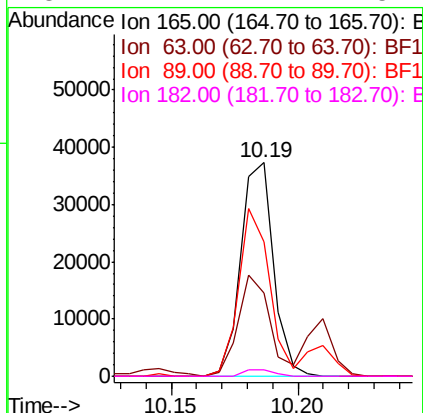
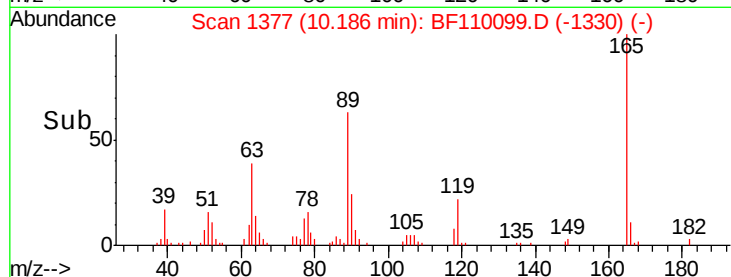
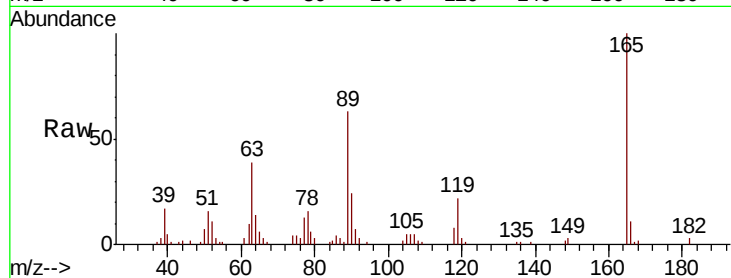




#57
2,4-Dinitrotoluene
Concen: 5.268 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

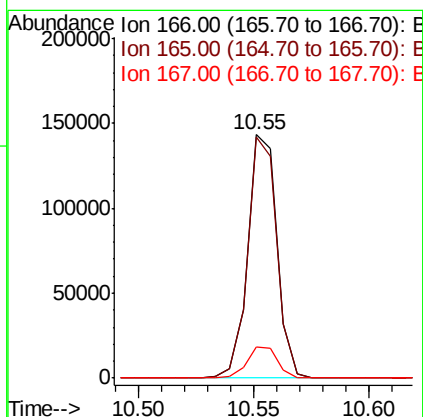
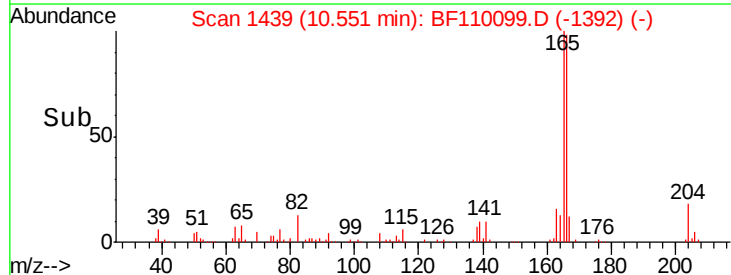
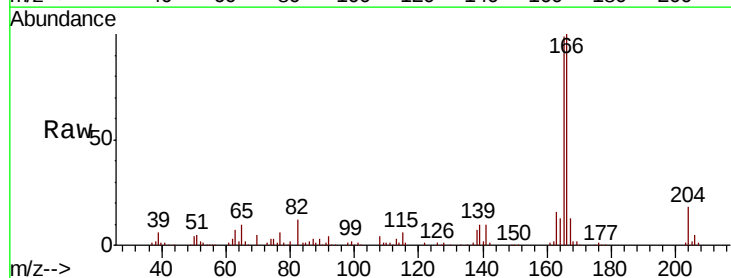
Instrument :
BNA_F
ClientSampled :

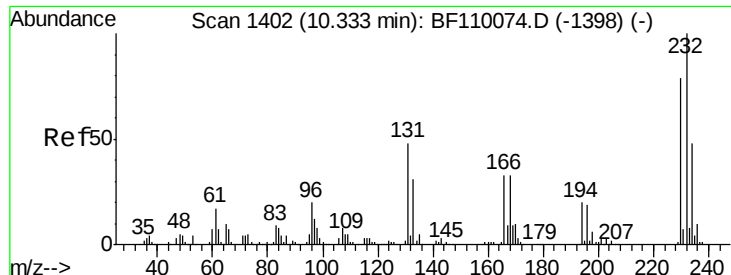
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.9	44.8	67.2#
89	63.1	62.2	93.4
182	2.7	2.1	3.1



#58
Fluorene
Concen: 6.112 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.0	10.8	16.2

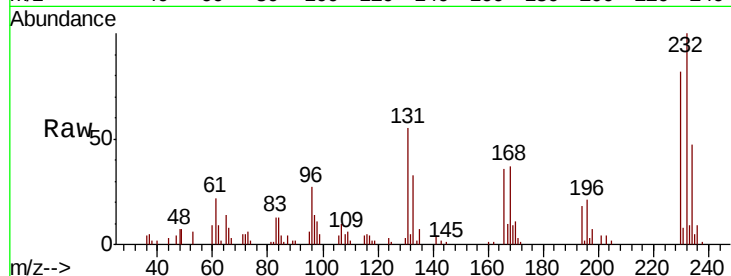




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 5.384 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.6	37.0	55.4
130	2.2	1.8	2.6
166	32.4	22.0	33.0



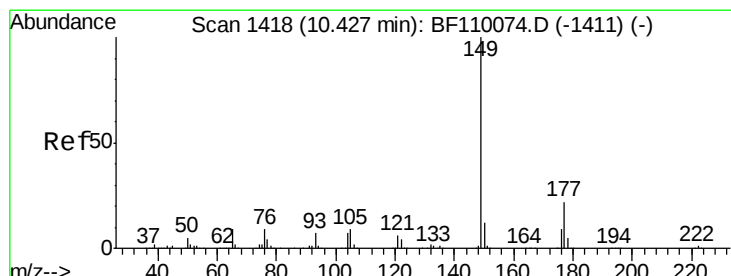
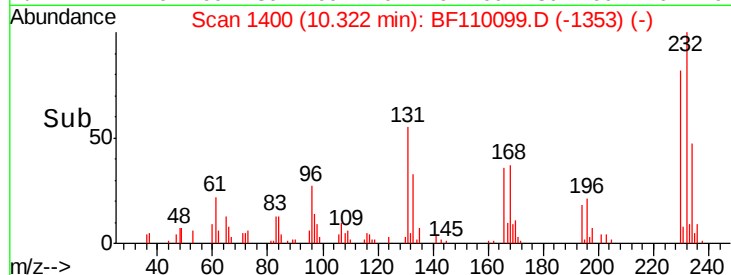
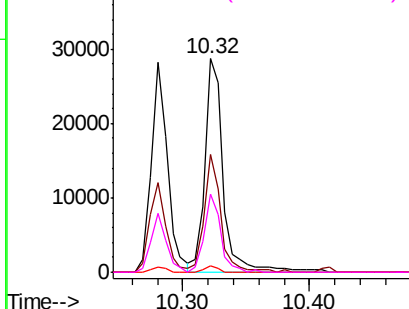
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

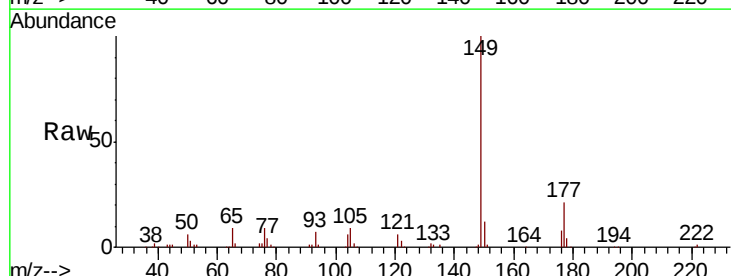
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 5.597 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.4	26.2
150	12.3	9.8	14.8

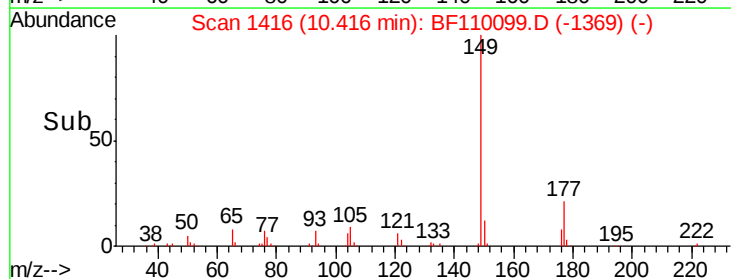
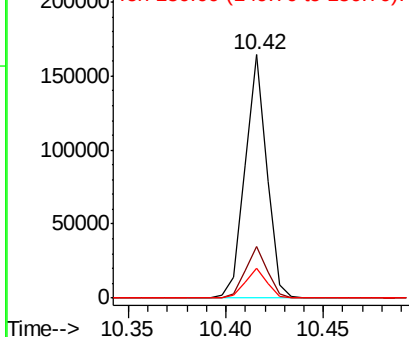


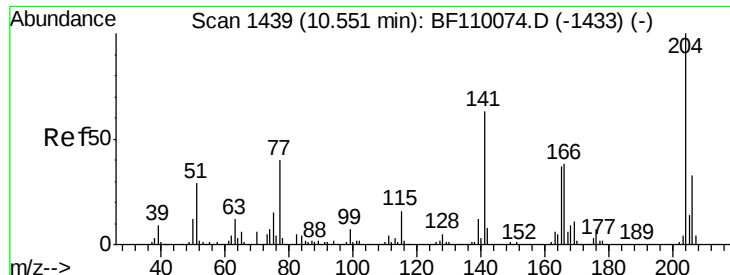
Abundance

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

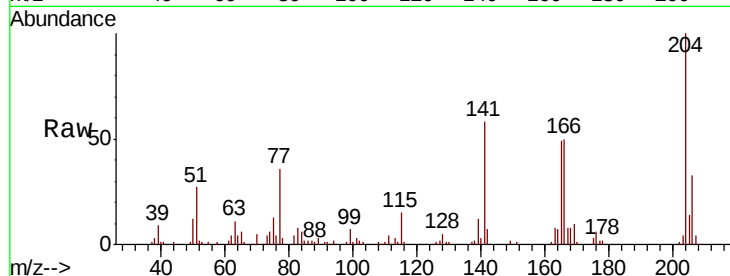




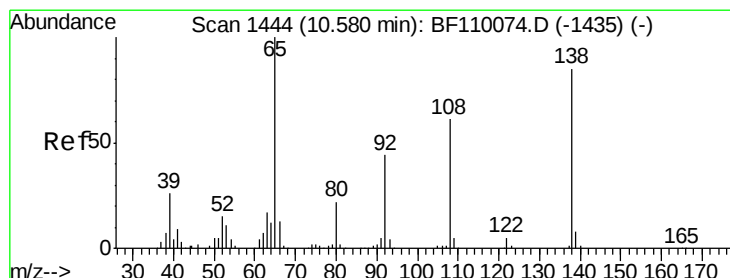
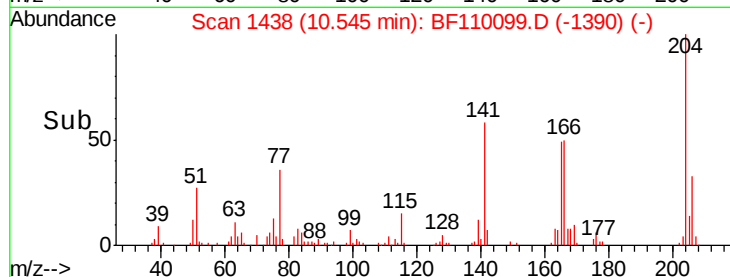
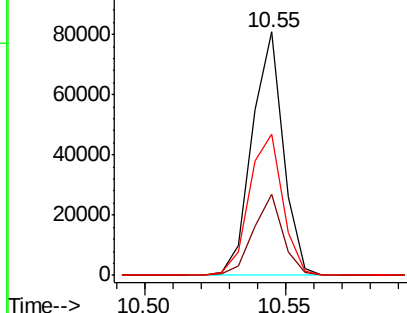
#61
4-Chlorophenyl-phenylether
Concen: 5.610 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 61630
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 58.1 51.8 77.8

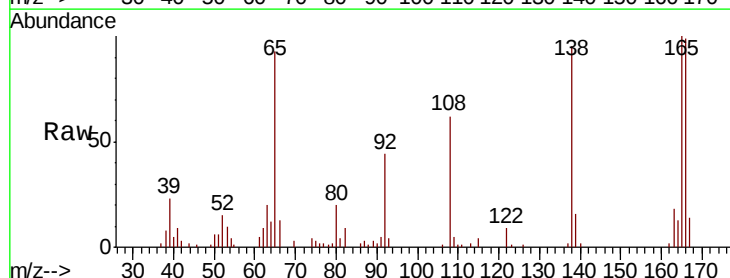


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

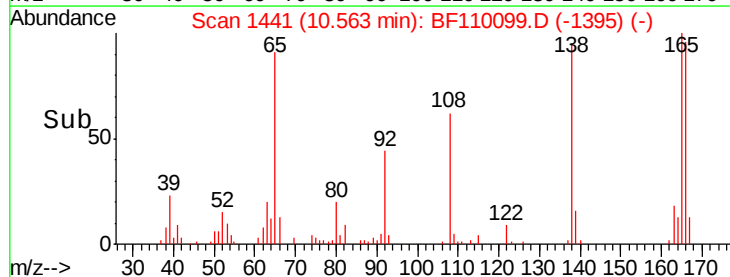
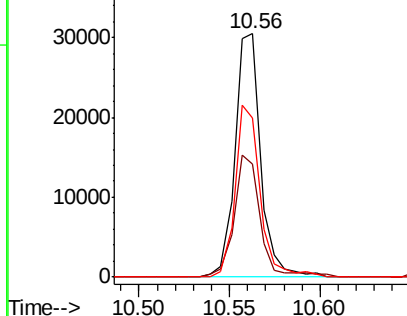


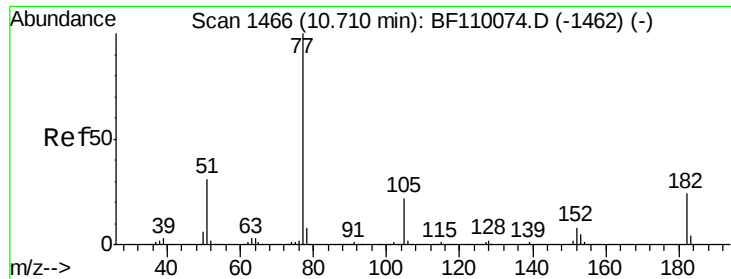
#62
4-Nitroaniline
Concen: 5.064 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.03 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion:138 Resp: 30033
Ion Ratio Lower Upper
138 100
92 46.6 31.7 71.7
108 65.4 59.3 99.3



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





#63

Azobenzene

Concen: 5.750 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 129681

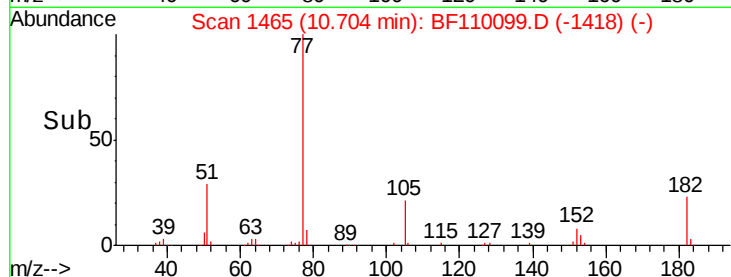
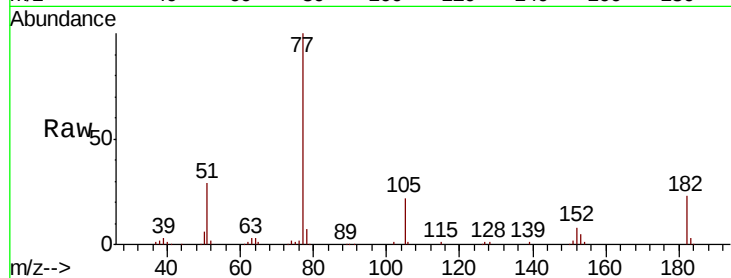
Ion Ratio Lower Upper

77 100

182 23.5 4.3 44.3

105 21.8 1.3 41.3

51 29.4 9.0 49.0

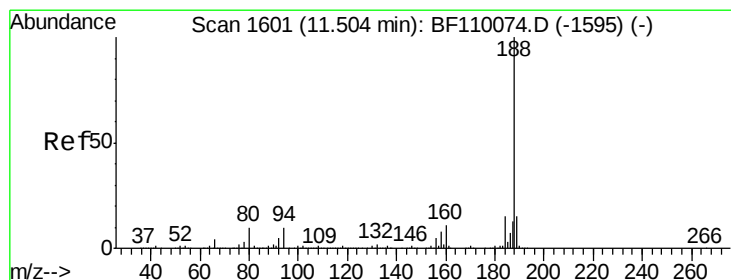
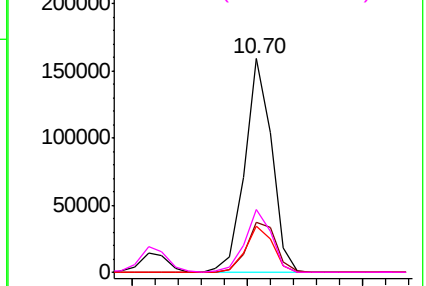


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

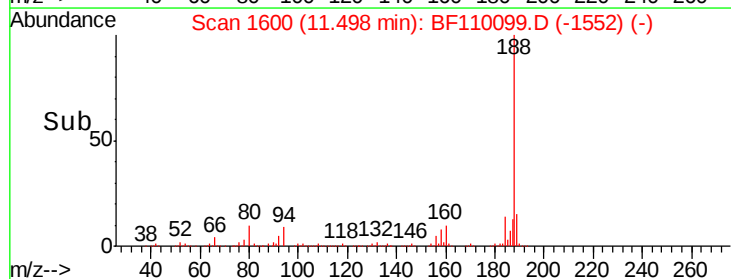
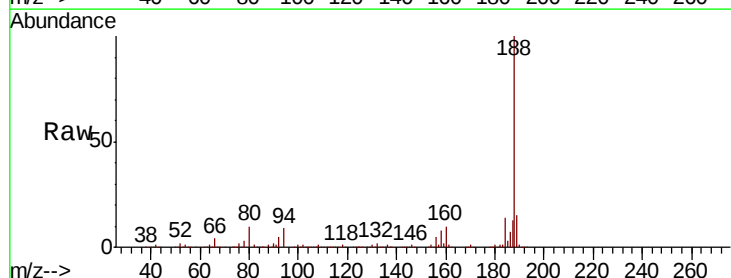
Tgt Ion: 188 Resp: 610832

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

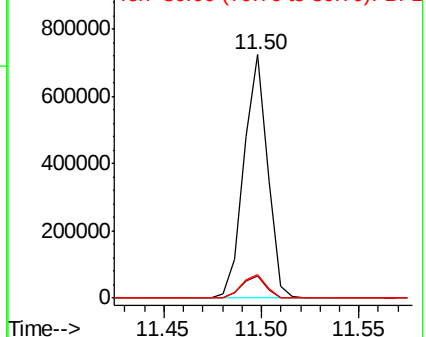
80 9.6 7.9 11.9

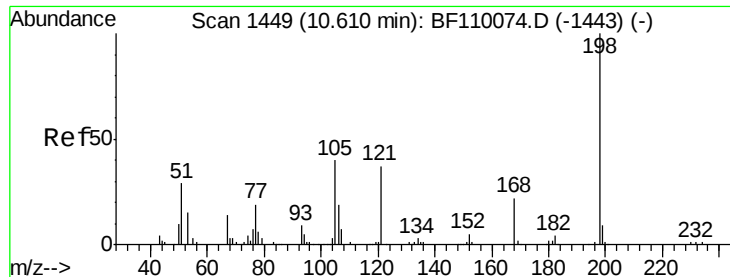


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 3.306 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.03 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampled :

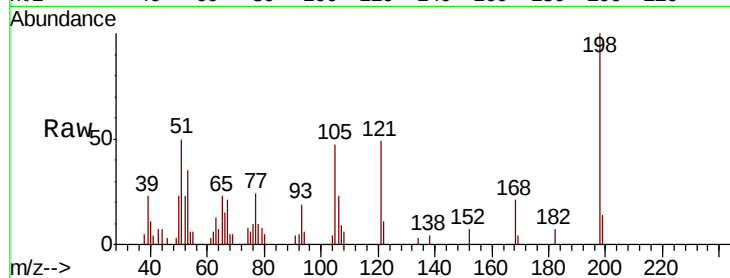
Tot Ion:198 Resp: 9225

Ion	Ratio	Lower	Upper
198	100		
51	49.7	22.8	62.8
105	46.7	23.6	63.6

198 100

51 49.7 22.8 62.8

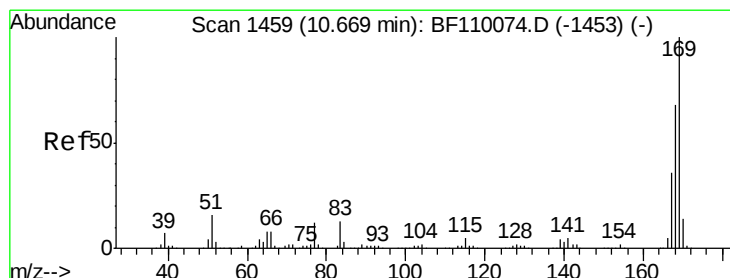
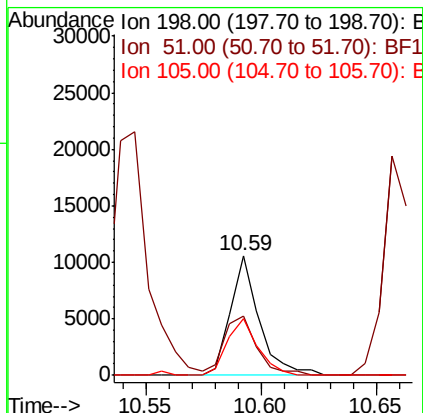
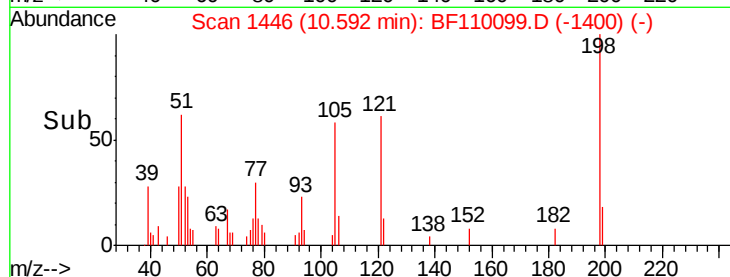
105 46.7 23.6 63.6



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: 5.579 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

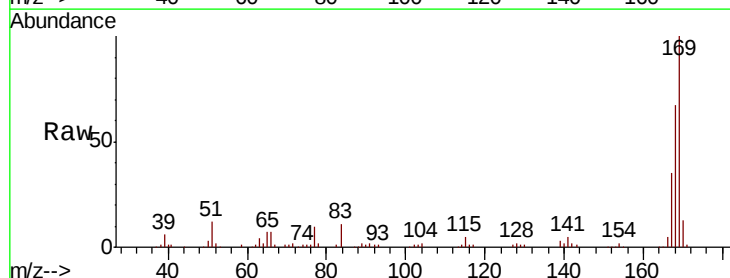
Tgt Ion:169 Resp: 111782

Ion	Ratio	Lower	Upper
169	100		
168	66.9	51.2	76.8
167	34.9	27.8	41.6

169 100

168 66.9 51.2 76.8

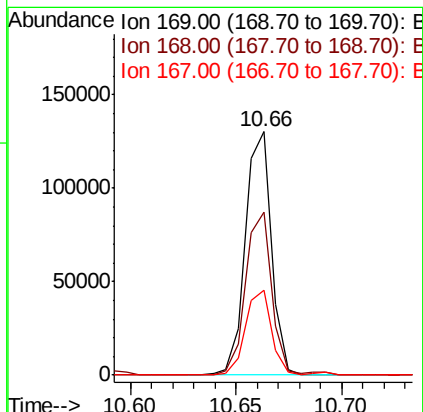
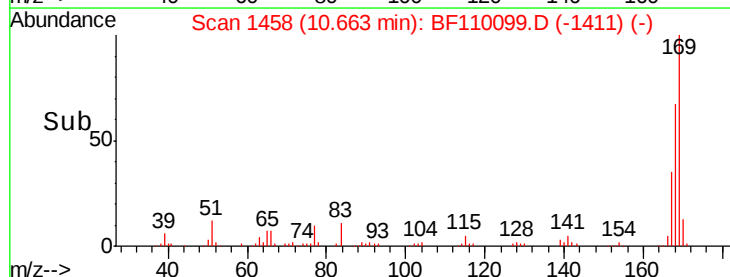
167 34.9 27.8 41.6

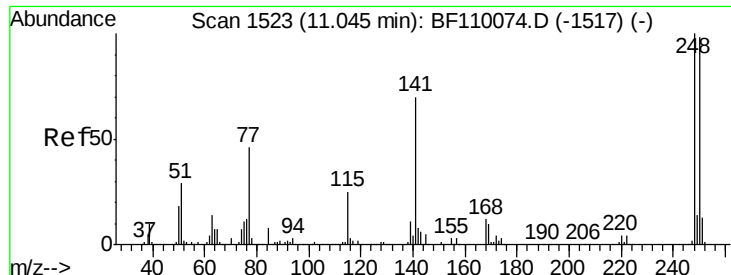


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

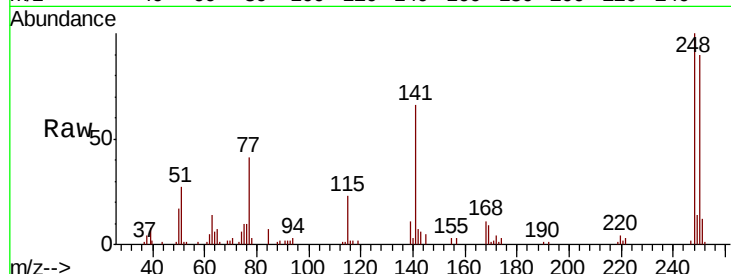




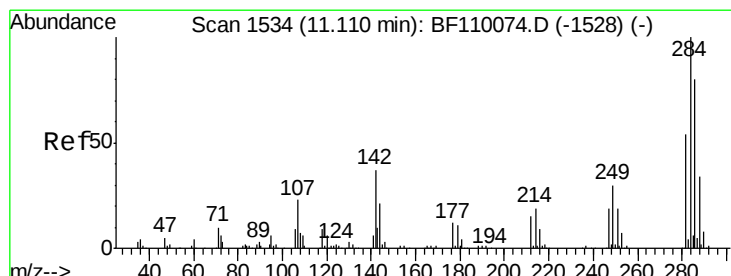
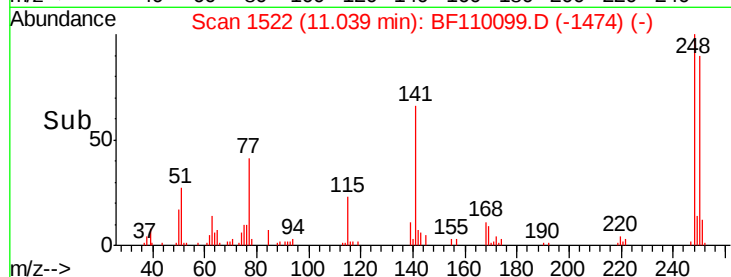
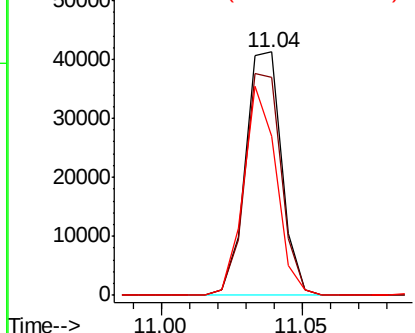
#67
4-Bromophenyl-phenylether
Concen: 5.551 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 36778
Ion Ratio Lower Upper
248 100
250 89.6 79.4 119.2
141 65.6 55.9 83.9

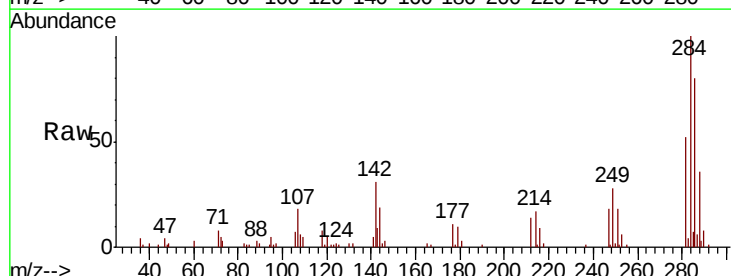


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

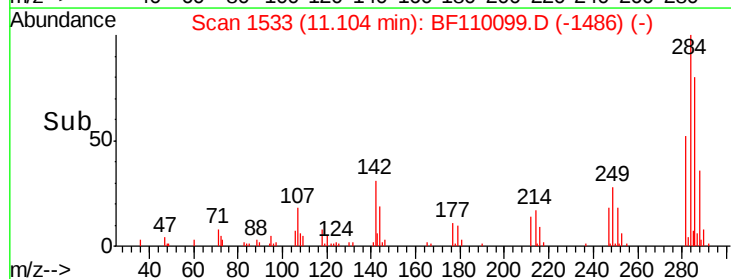
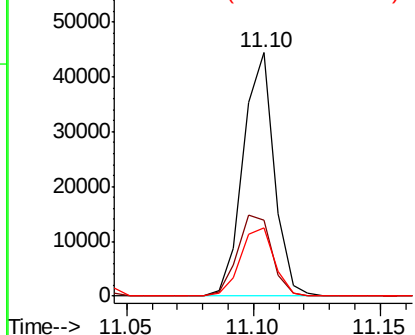


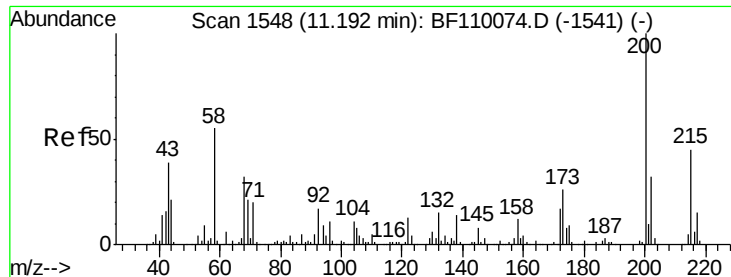
#68
Hexachlorobenzene
Concen: 5.359 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion:284 Resp: 37676
Ion Ratio Lower Upper
284 100
142 31.1 23.9 35.9
249 28.2 24.2 36.2



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

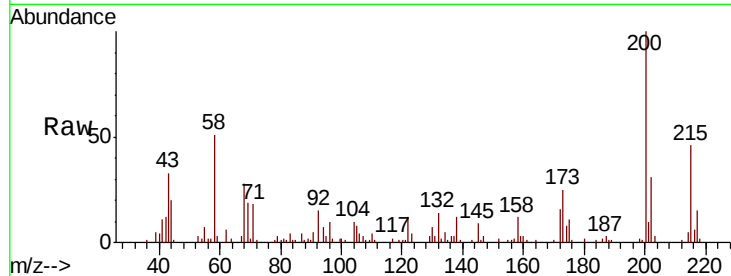




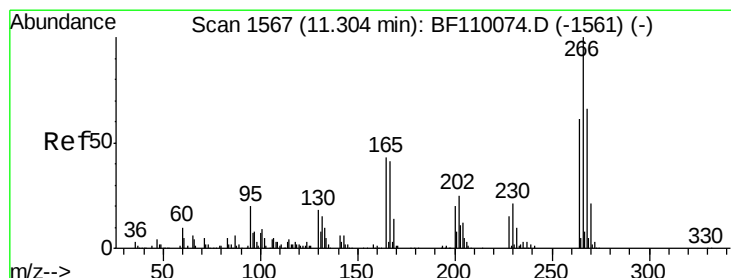
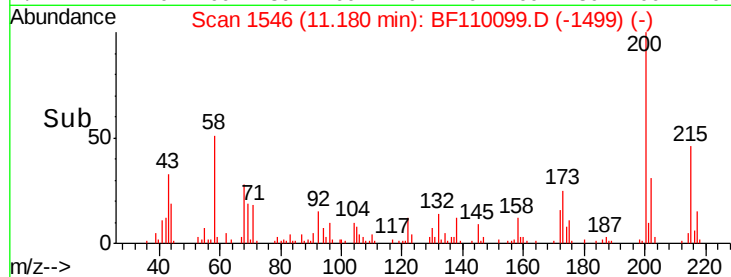
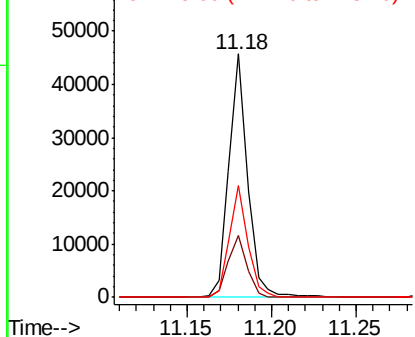
#69
Atrazine
Concen: 5.576 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 35304
Ion Ratio Lower Upper
200 100
173 25.4 6.6 46.6
215 45.7 26.3 66.3

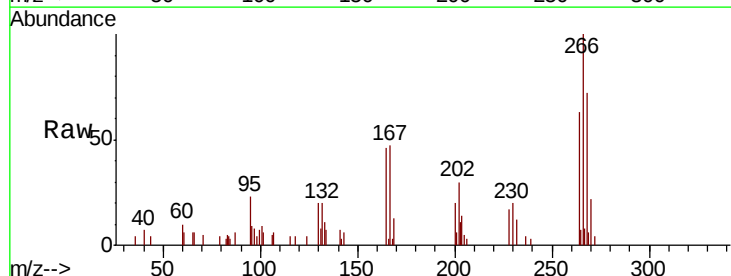


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

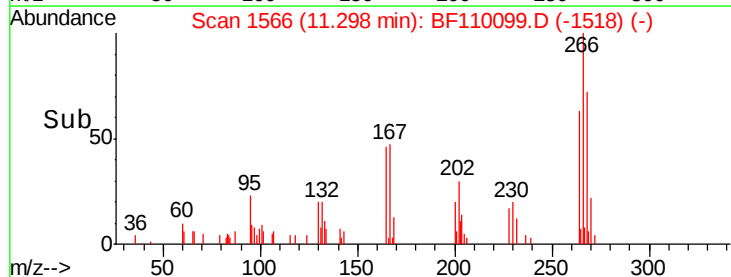
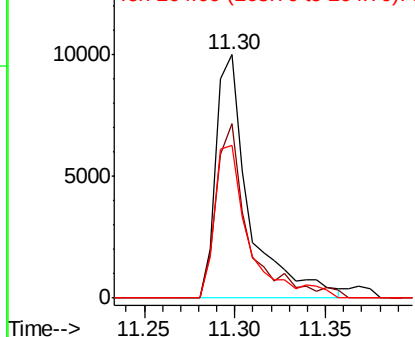


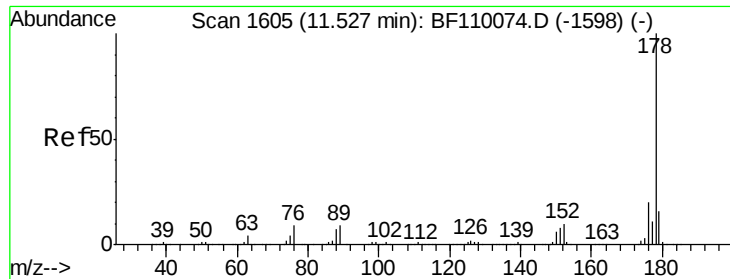
#70
Pentachlorophenol
Concen: 3.108 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion:266 Resp: 12739
Ion Ratio Lower Upper
266 100
268 71.7 50.6 75.8
264 69.5 50.6 75.8



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

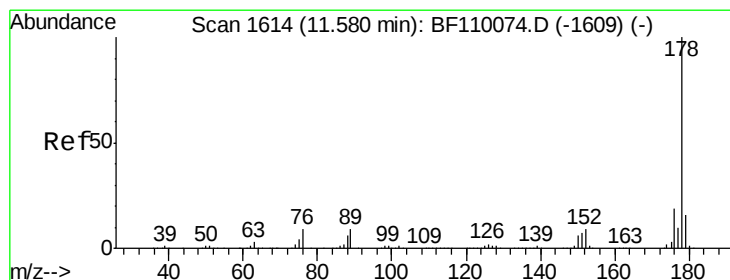
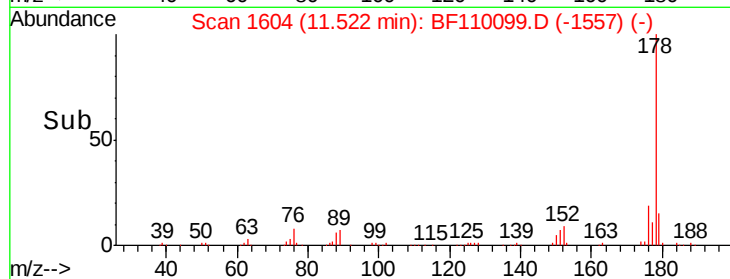
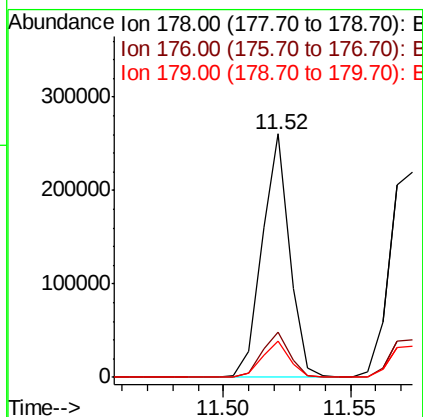
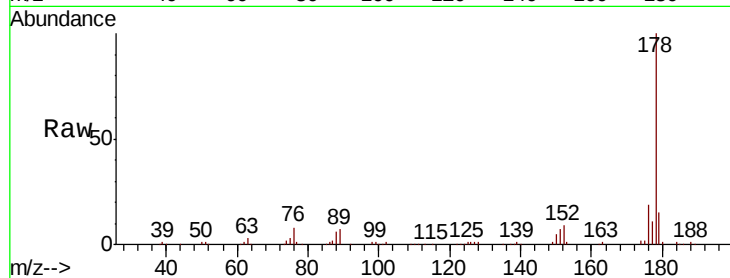




#71
Phenanthrene
Concen: 6.187 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

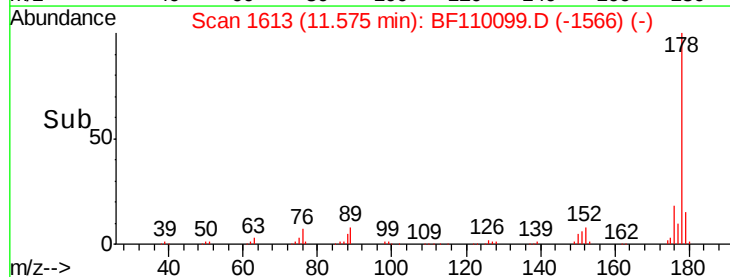
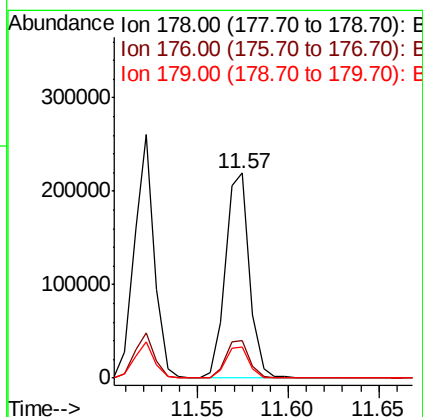
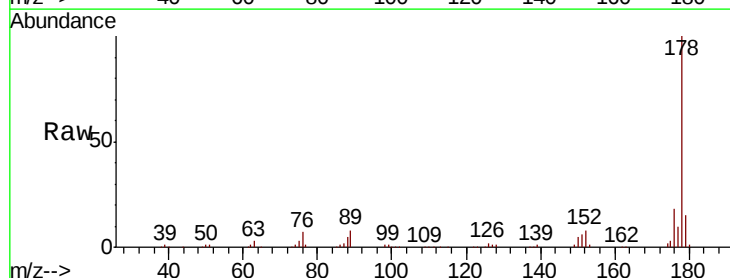
Instrument :
BNA_F
ClientSampleId :

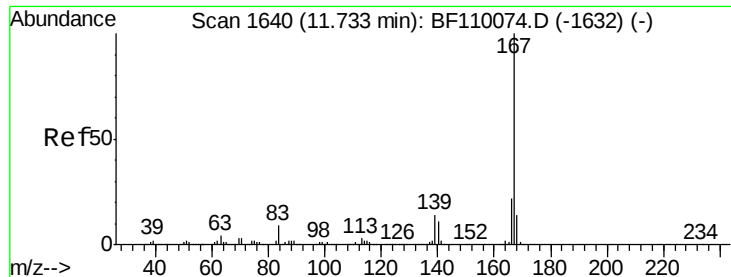
Tot Ion:178 Resp: 197740
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 14.7 12.5 18.7



#72
Anthracene
Concen: 6.335 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion:178 Resp: 202962
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 15.0 12.6 18.8

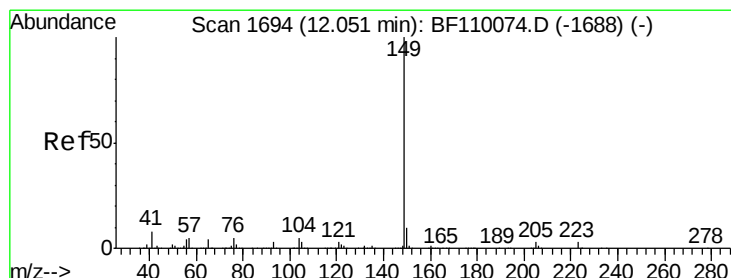
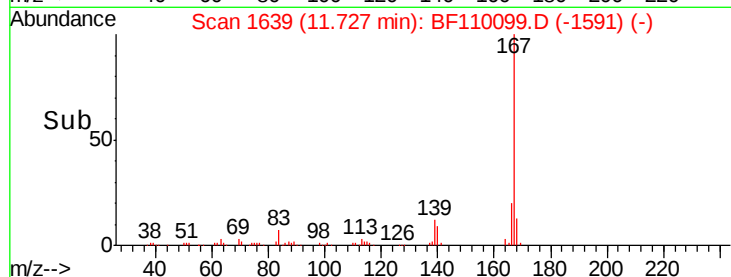
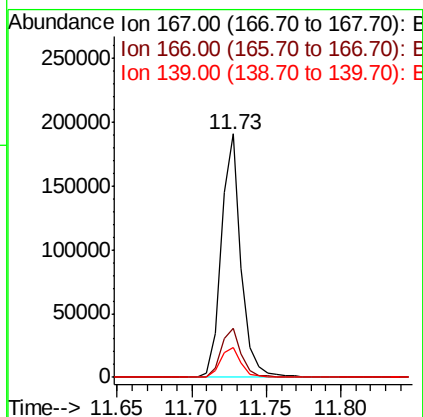
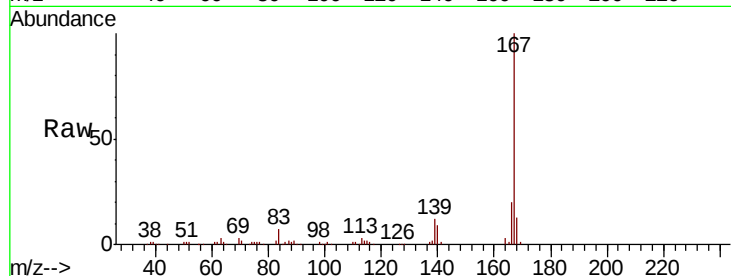




#73
 Carbazole
 Concen: 5.627 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

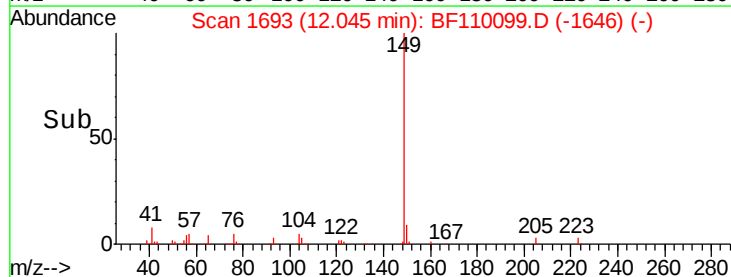
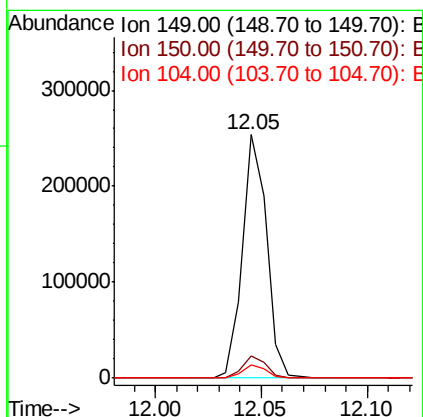
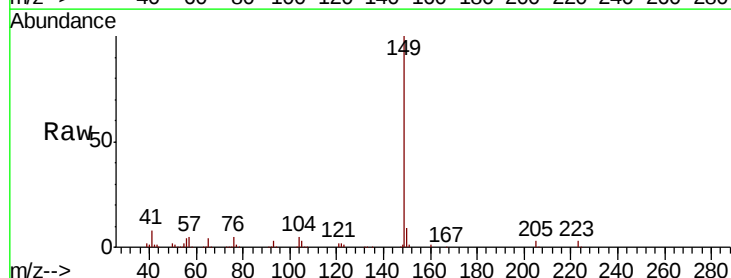
Instrument :
 BNA_F
 ClientSampleId :

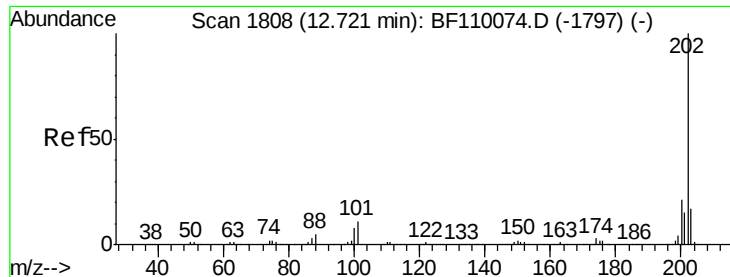
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.4	26.0
139	12.2	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 5.693 ng
 RT: 12.05 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BF110099.D
 Acq: 24 Oct 2018 1:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.2	4.2	6.4

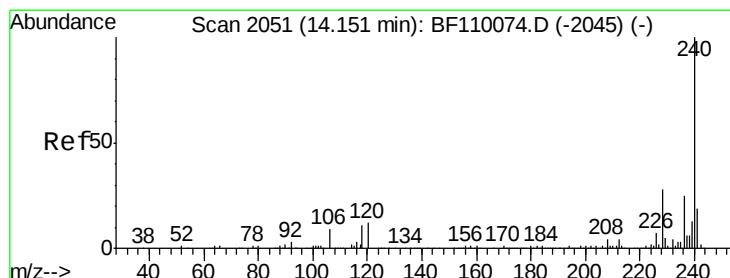
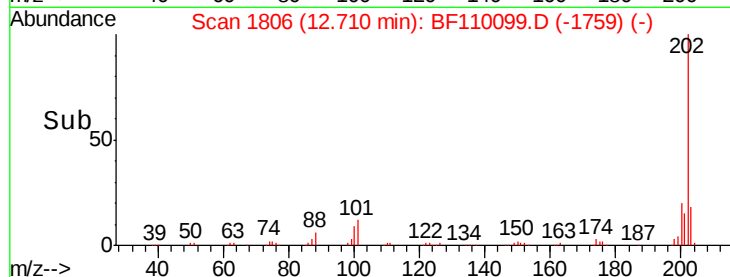
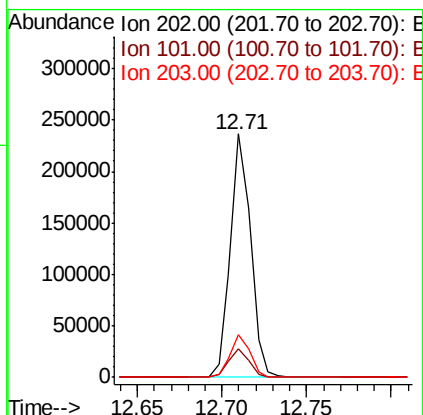
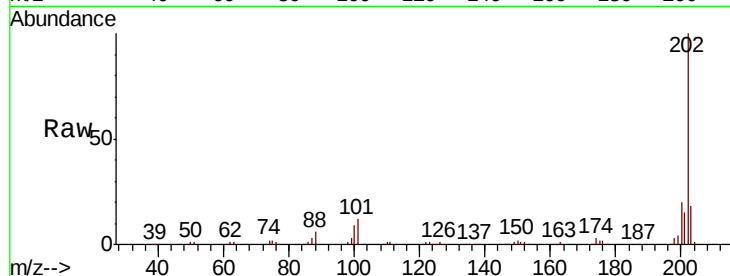




#75
Fluoranthene
Concen: 6.066 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

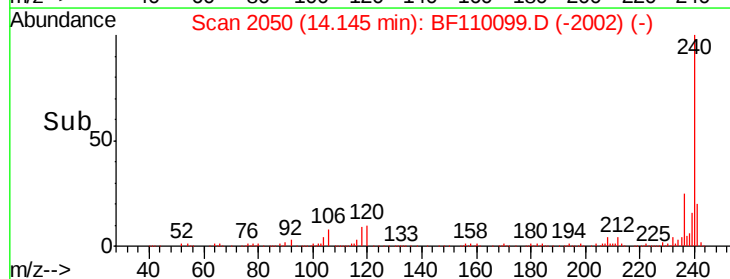
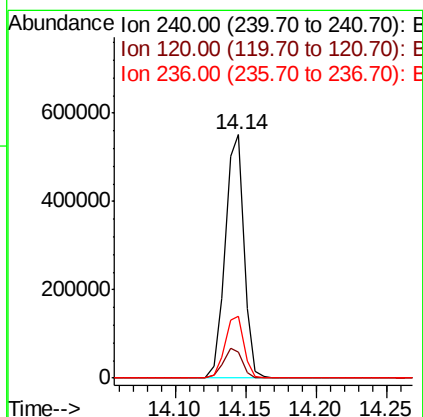
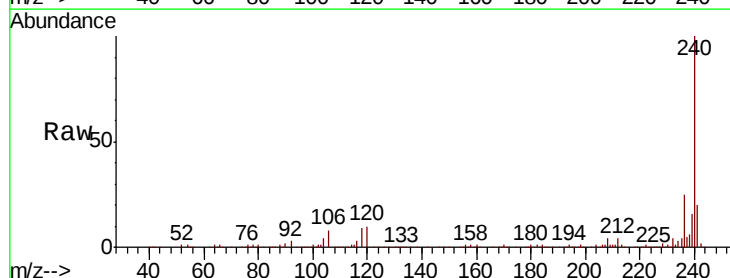
Instrument :
BNA_F
ClientSampleId :

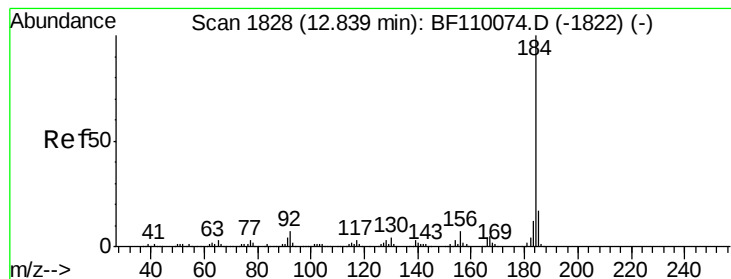
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.8	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	25.4	21.2	31.8





#77

Benzidine

Concen: 1.157 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.24 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampleId :

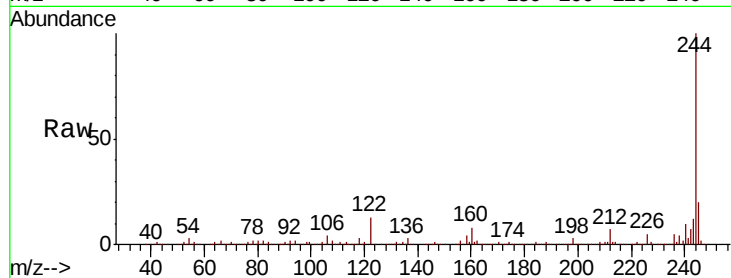
Tot Ion:184 Resp: 24776

Ion Ratio Lower Upper

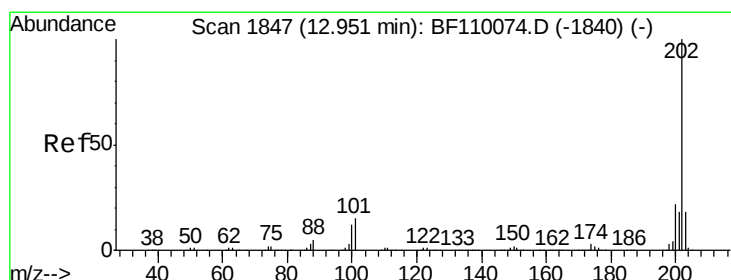
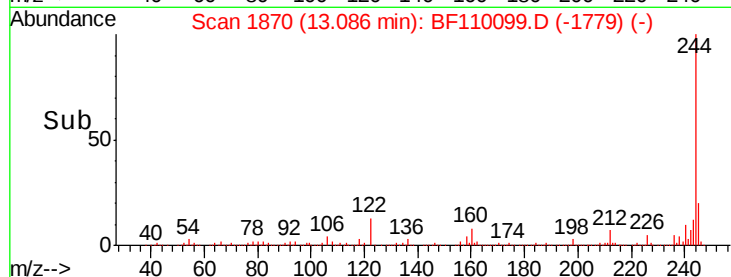
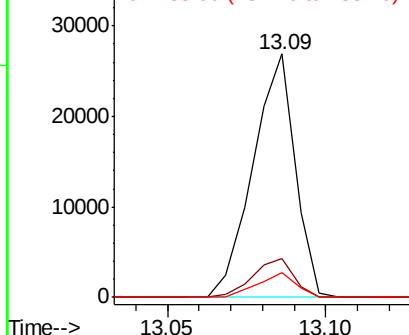
184 100

185 15.8 13.4 20.2

183 10.3 9.4 14.2



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: 5.555 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

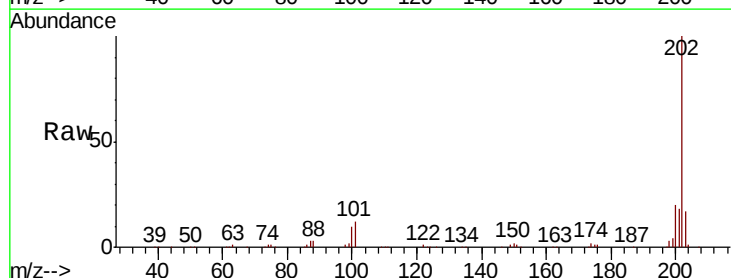
Tgt Ion:202 Resp: 203623

Ion Ratio Lower Upper

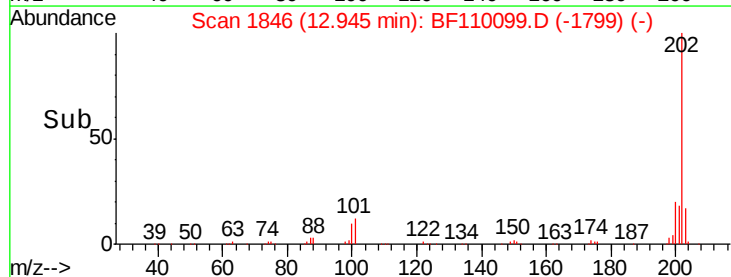
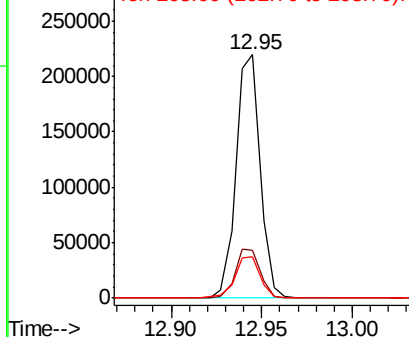
202 100

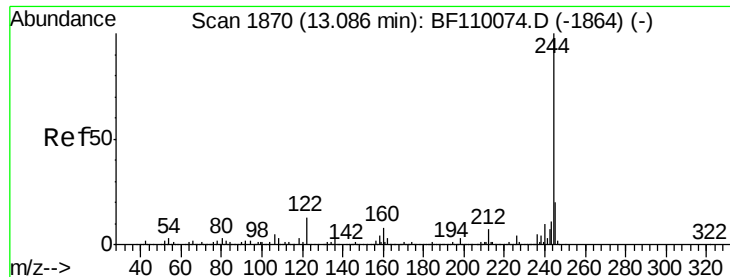
200 19.8 17.8 26.6

203 16.9 14.2 21.4



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: 71.899 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

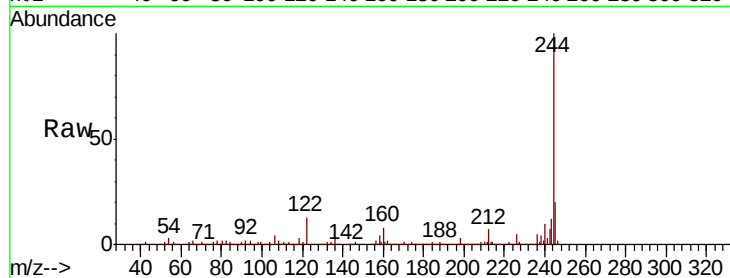
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1767547

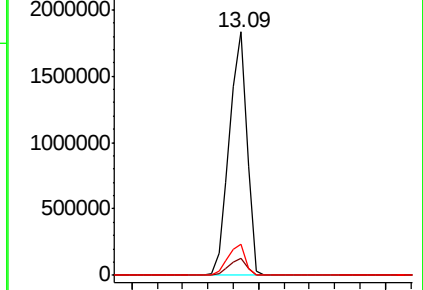
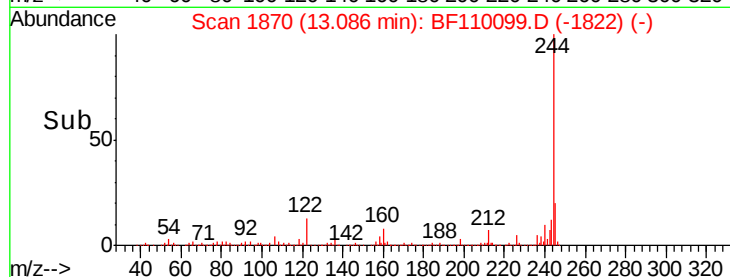
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.8	8.7	13.1



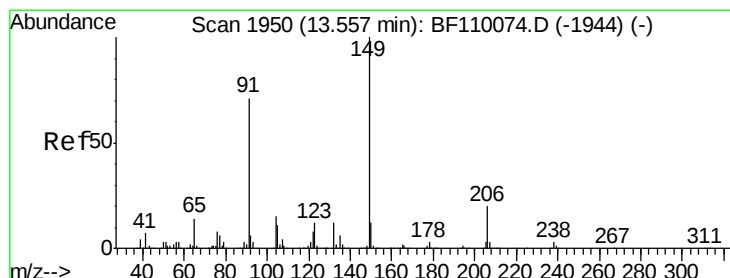
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 4.986 ng

RT: 13.55 min Scan# 1949

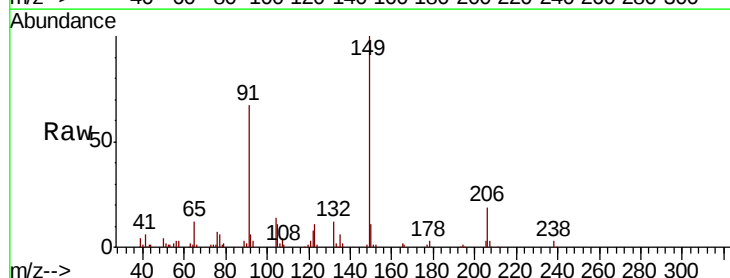
Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Tgt Ion:149 Resp: 79324

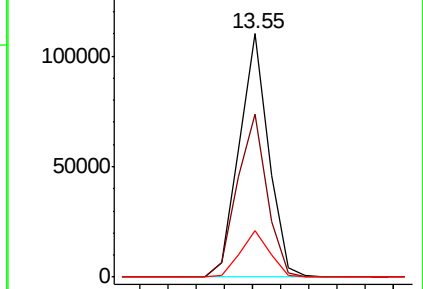
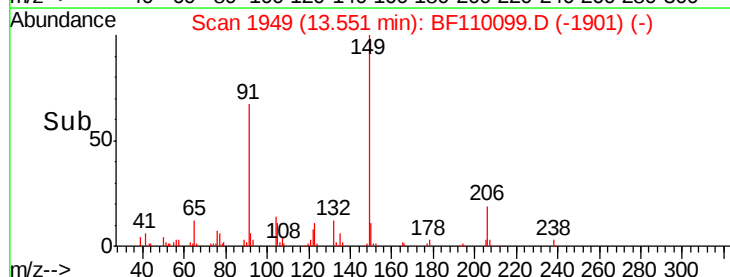
Ion	Ratio	Lower	Upper
149	100		
91	66.9	57.2	85.8
206	18.9	15.7	23.5



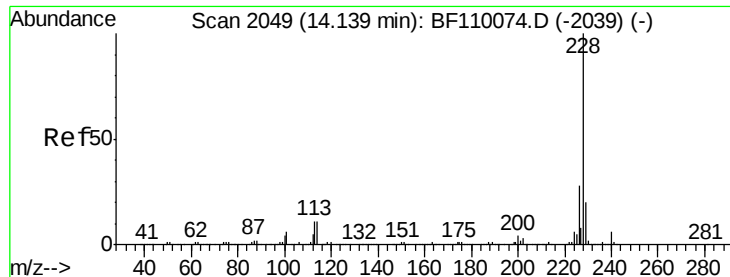
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->



#81

Benzo(a)anthracene

Concen: 5.908 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110099.D

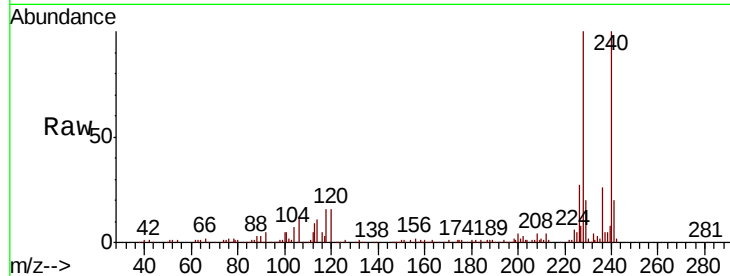
Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampled :

Tot Ion:	228	Resp:	179129
Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	19.6	15.6	23.4

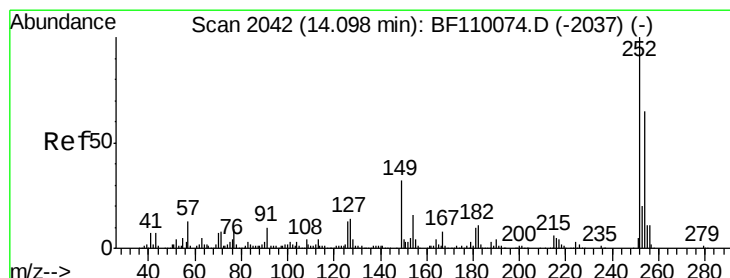
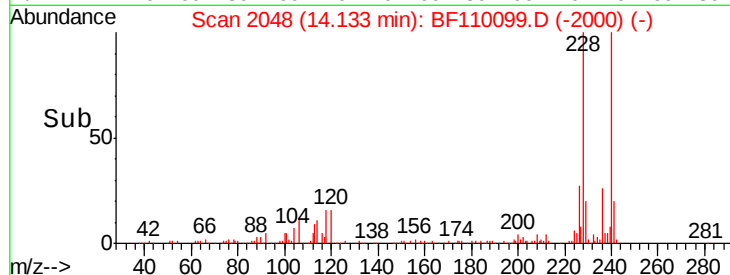
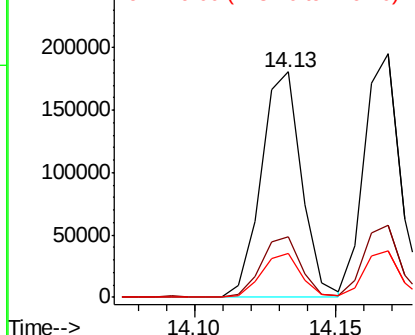


Abundance

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: 3.760 ng

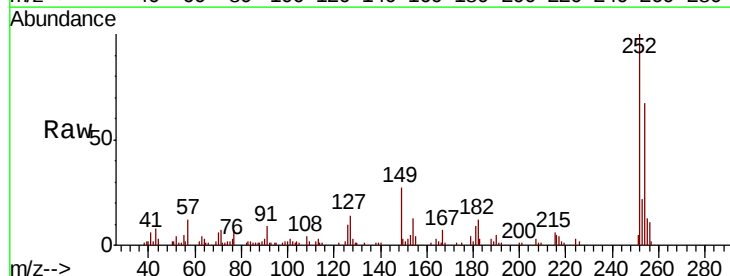
RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Tgt Ion:	252	Resp:	39696
Ion	Ratio	Lower	Upper
252	100		
254	67.2	51.3	76.9
126	10.3	9.4	14.2

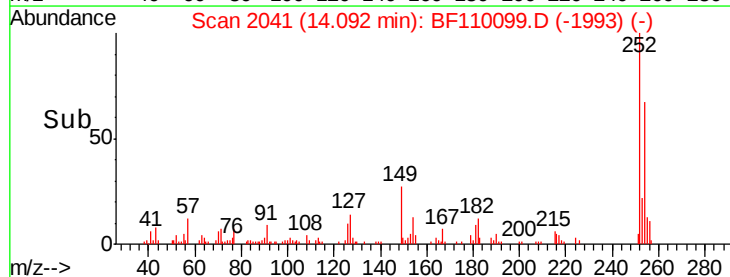
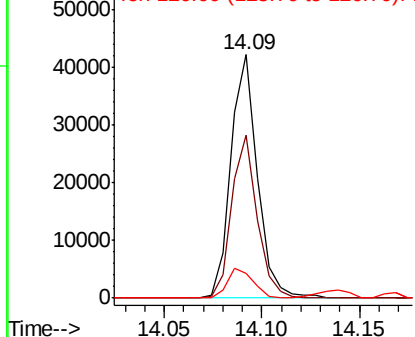


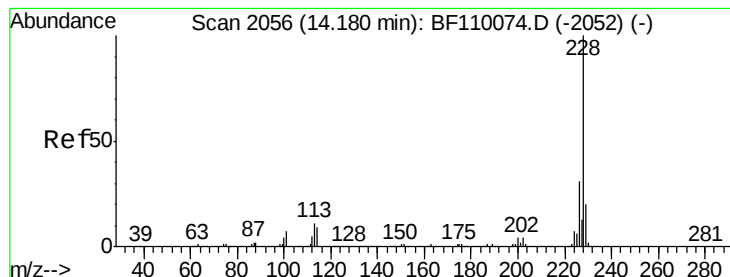
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 5.940 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampled :

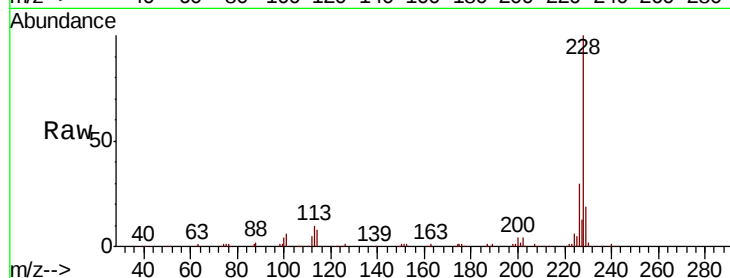
Tot Ion:228 Resp: 171063

Ion Ratio Lower Upper

228 100

226 29.7 24.7 37.1

229 19.1 15.9 23.9

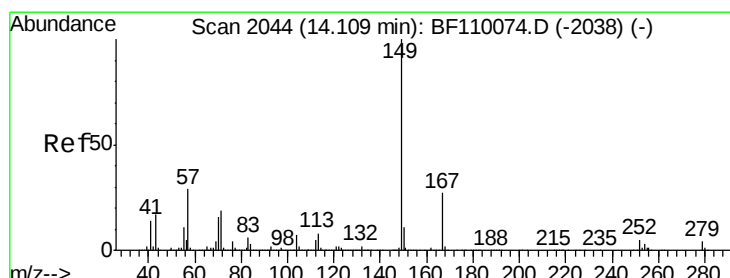
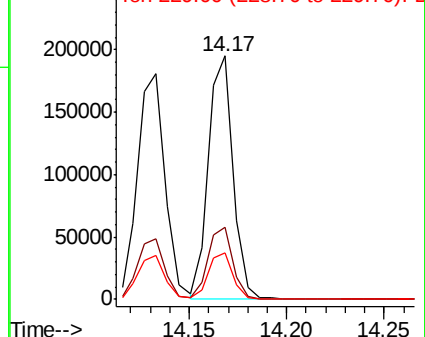
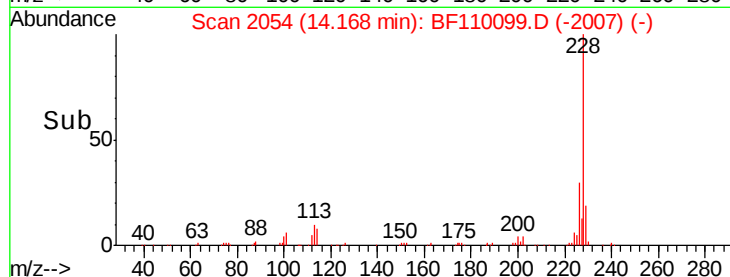


Abundance

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: 5.290 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

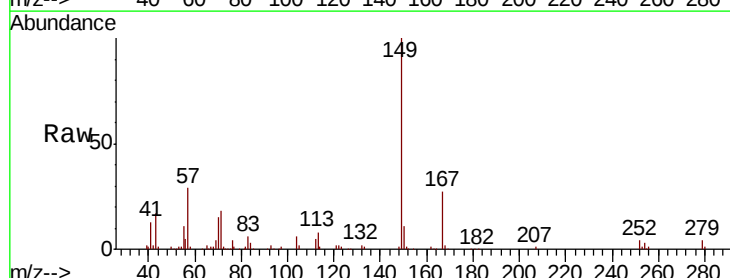
Tgt Ion:149 Resp: 113777

Ion Ratio Lower Upper

149 100

167 26.7 19.8 29.8

279 3.6 2.7 4.1

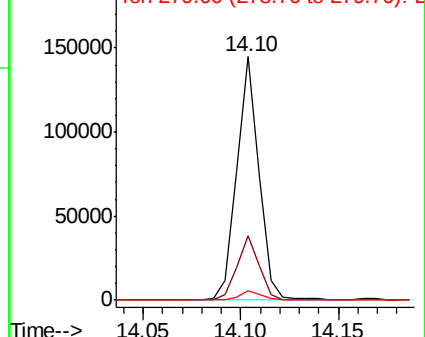
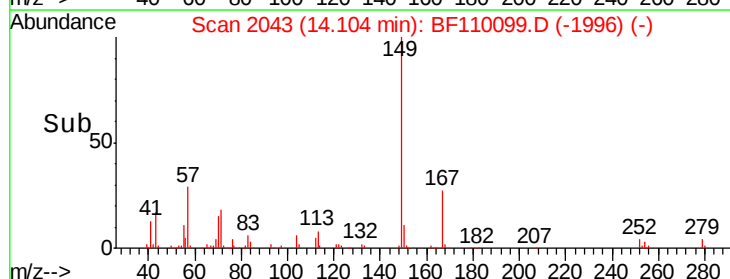


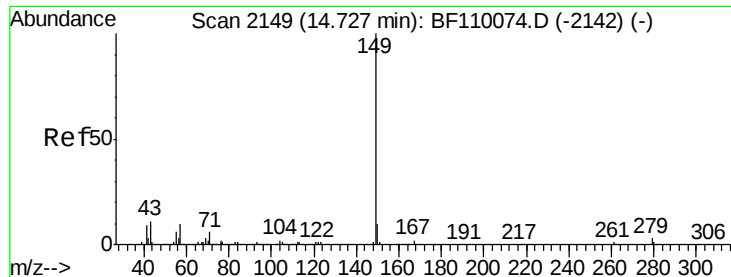
Abundance

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: 5.261 ng

RT: 14.72 min Scan# 2148

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampleId :

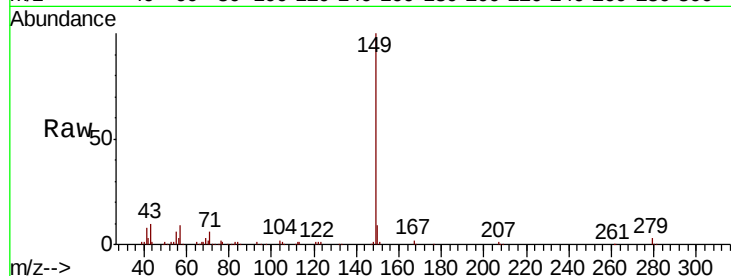
Tot Ion:149 Resp: 175927

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

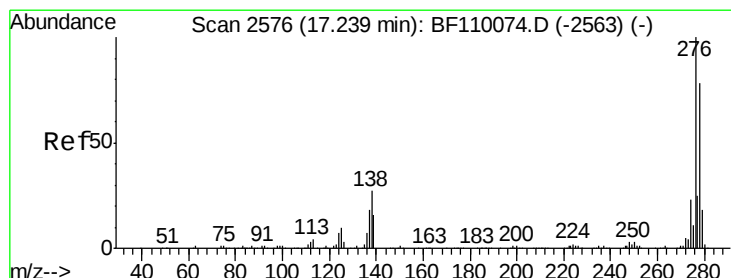
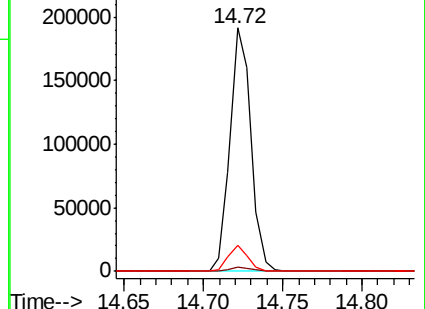
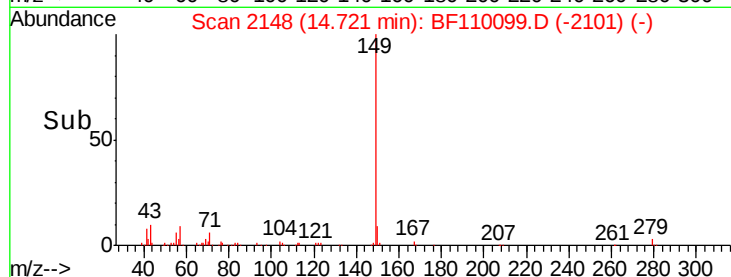
43 10.4 7.8 11.8



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: 5.397 ng

RT: 17.21 min Scan# 2571

Delta R.T. -0.05 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

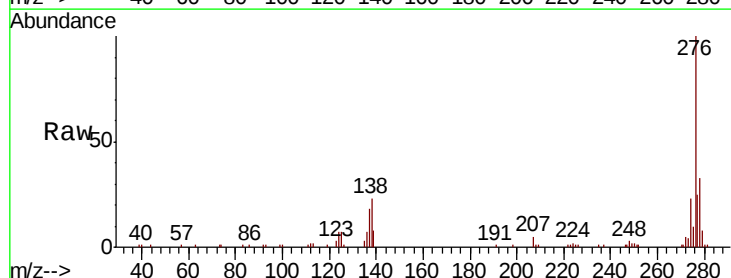
Tgt Ion:276 Resp: 128939

Ion Ratio Lower Upper

276 100

138 28.1 18.5 27.7#

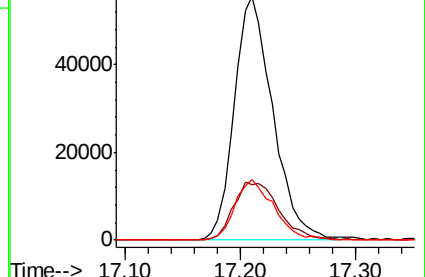
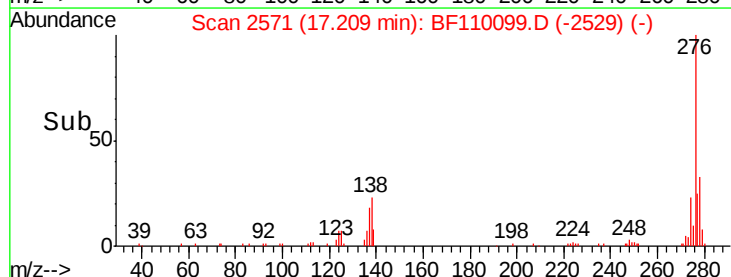
277 25.2 20.0 30.0

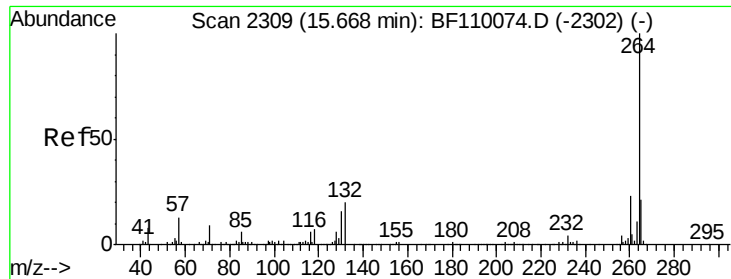


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.66 min Scan# 2308

Delta R.T. -0.03 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

Instrument :

BNA_F

ClientSampleId :

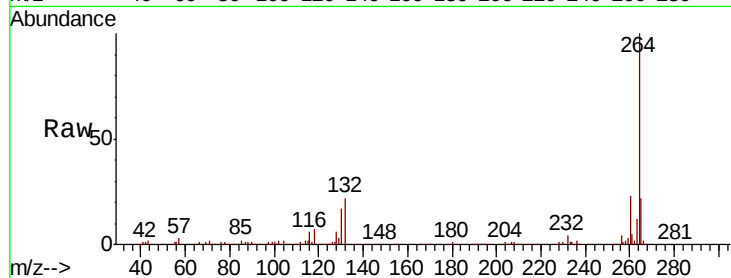
Tot Ion:264 Resp: 443072

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

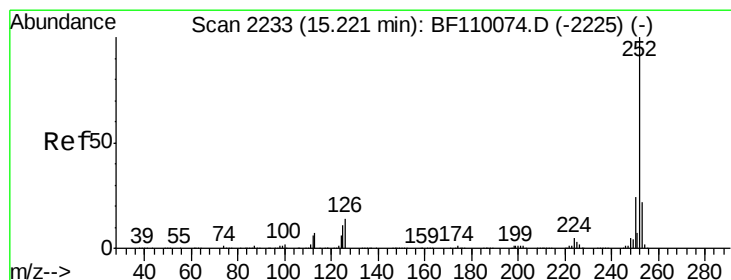
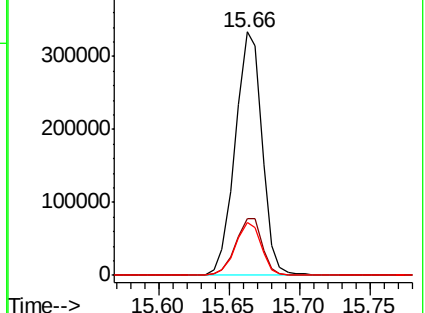
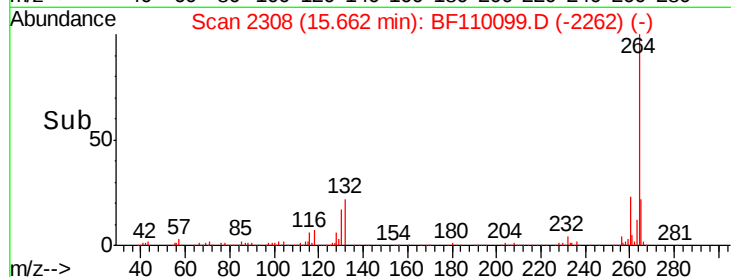
265 21.9 16.7 25.1



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: 5.802 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.02 min

Lab File: BF110099.D

Acq: 24 Oct 2018 1:11

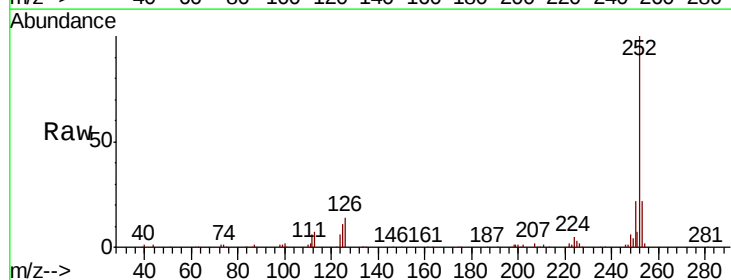
Tgt Ion:252 Resp: 148446

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

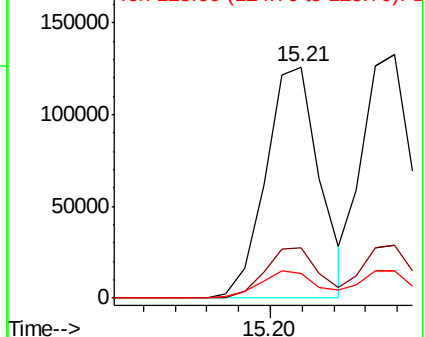
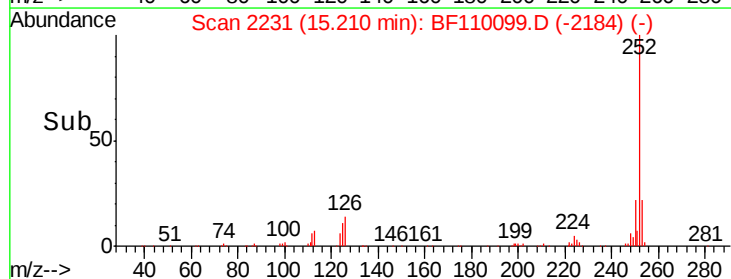
125 10.5 8.2 12.4

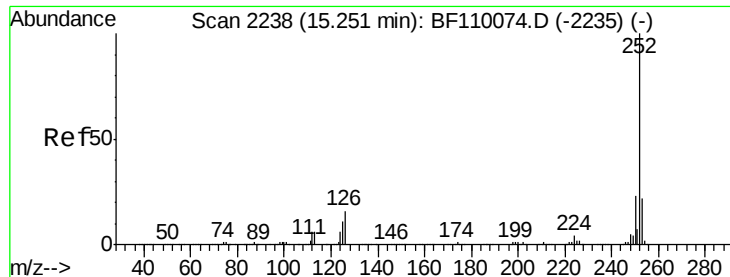


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

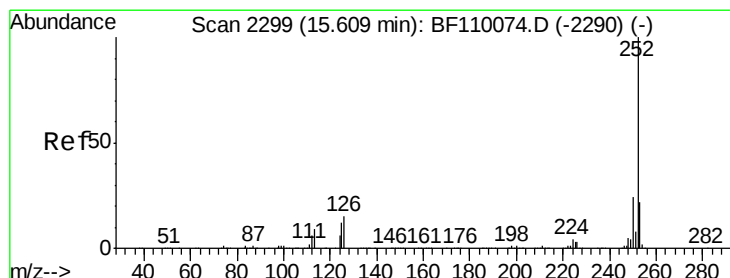
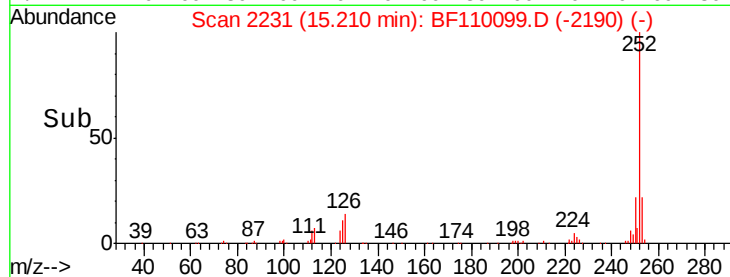
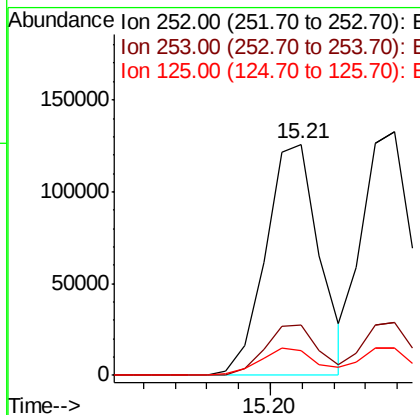
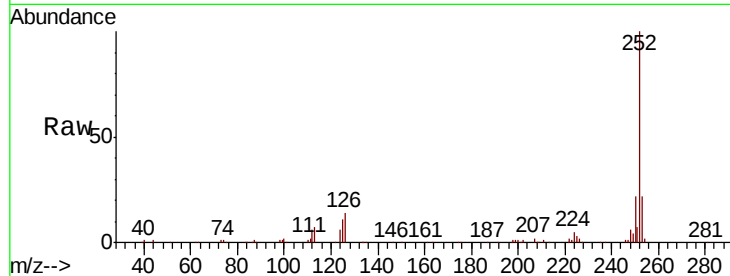




#89
Benzo(k)fluoranthene
Concen: 5.902 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.06 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

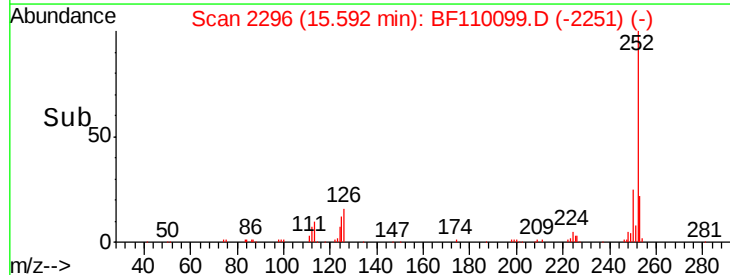
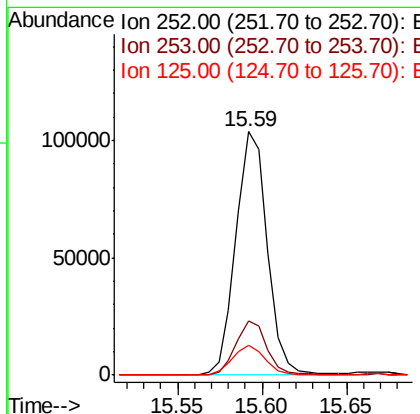
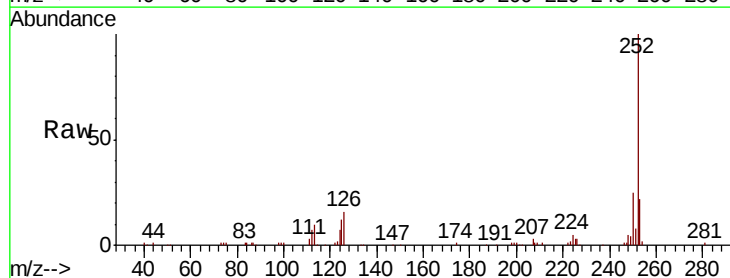
Instrument :
BNA_F
ClientSampleId :

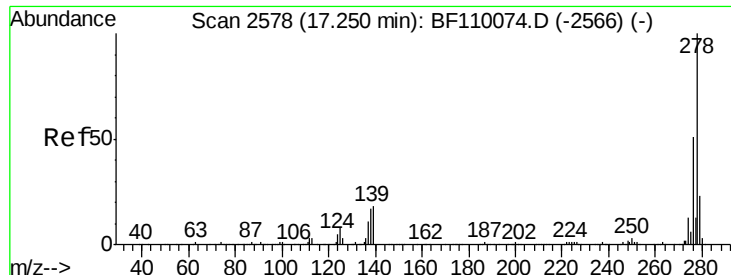
Tot Ion:252 Resp: 148446
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.5 7.4 11.0



#90
Benzo(a)pyrene
Concen: 5.739 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.04 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion:252 Resp: 135122
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 12.5 9.0 13.6



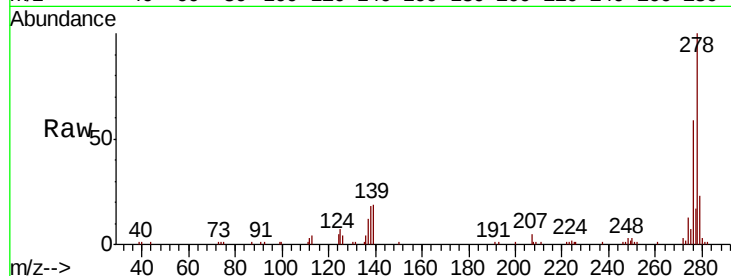


#91
Dibenzo(a,h)anthracene
Concen: 5.253 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.05 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

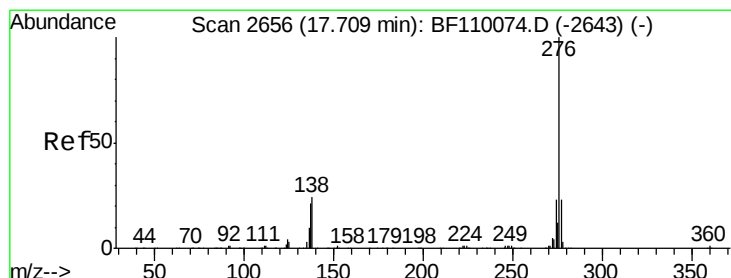
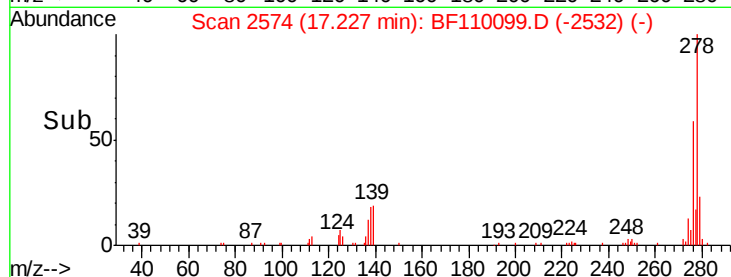
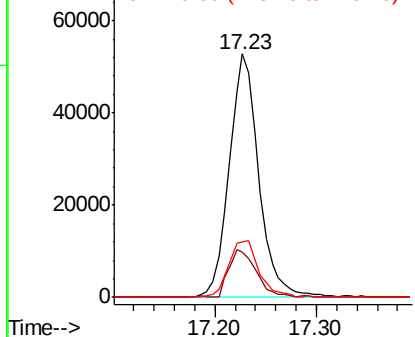
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 106718

Ion	Ratio	Lower	Upper
278	100		
139	18.8	12.7	19.1
279	22.8	19.0	28.4



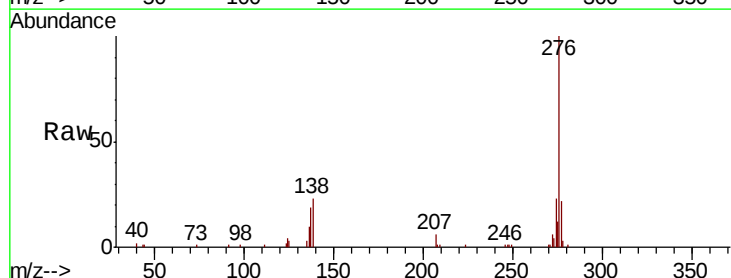
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 5.151 ng
RT: 17.68 min Scan# 2651
Delta R.T. -0.06 min
Lab File: BF110099.D
Acq: 24 Oct 2018 1:11

Tgt Ion:276 Resp: 103111

Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.8	28.2
138	22.8	16.0	24.0



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

