

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110103.D
 Acq On : 24 Oct 2018 9:49
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:08:29 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	168787	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	723780	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	353214	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	663243	20.00	ng	-0.02
76) Chrysene-d12	14.15	240	504173	20.00	ng	-0.01
87) Perylene-d12	15.67	264	413516	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	806376	77.80	ng	-0.02
7) Phenol-d6	6.59	99	1025328	77.34	ng	-0.02
23) Nitrobenzene-d5	7.53	82	962321	78.86	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	268153	76.64	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1732970	77.04	ng	-0.01
79) Terphenyl-d14	13.09	244	1800221	74.26	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.81	88	212709	39.170	ng	93
3) Pyridine	3.58	79	492759	40.740	ng	86
4) n-Nitrosodimethylamine	3.55	42	198035	39.080	ng	# 95
6) Aniline	6.63	93	685573	39.697	ng	# 54
8) 2-Chlorophenol	6.75	128	470076	39.338	ng	99
9) Benzaldehyde	6.52	77	295514	37.775	ng	98
10) Phenol	6.60	94	548599	38.712	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	454958	39.022	ng	93
12) 1,3-Dichlorobenzene	6.90	146	514052	39.089	ng	98
13) 1,4-Dichlorobenzene	6.98	146	515331	38.746	ng	98
14) 1,2-Dichlorobenzene	7.14	146	478481	38.753	ng	97
15) Benzyl Alcohol	7.10	79	404238	39.644	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	737207	39.547	ng	68
17) 2-Methylphenol	7.20	107	373799	39.250	ng	# 81
18) Hexachloroethane	7.48	117	187054	38.414	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	332856	39.135	ng	96
20) 3+4-Methylphenols	7.36	107	481611	39.123	ng	97
22) Acetophenone	7.37	105	642965	38.553	ng	98
24) Nitrobenzene	7.55	77	494109	39.220	ng	93
25) Isophorone	7.79	82	805520	38.725	ng	95
26) 2-Nitrophenol	7.86	139	241307	40.250	ng	95
27) 2,4-Dimethylphenol	7.89	122	384335	38.667	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	547164	38.722	ng	99
29) 2,4-Dichlorophenol	8.10	162	391903	39.027	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	432595	38.459	ng	95
31) Naphthalene	8.27	128	1285099	38.524	ng	100
32) Benzoic acid	8.02	122	226662	29.505	ng	94
33) 4-Chloroaniline	8.32	127	579203	38.580	ng	100
34) Hexachlorobutadiene	8.38	225	243975	39.065	ng	98
35) Caprolactam	8.70	113	139249	39.785	ng	97
36) 4-Chloro-3-methylphenol	8.79	107	426785	39.303	ng	97
37) 2-Methylnaphthalene	8.96	142	848658	38.452	ng	99
38) 1-Methylnaphthalene	9.06	142	822753	38.575	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	414855	37.696	ng	99

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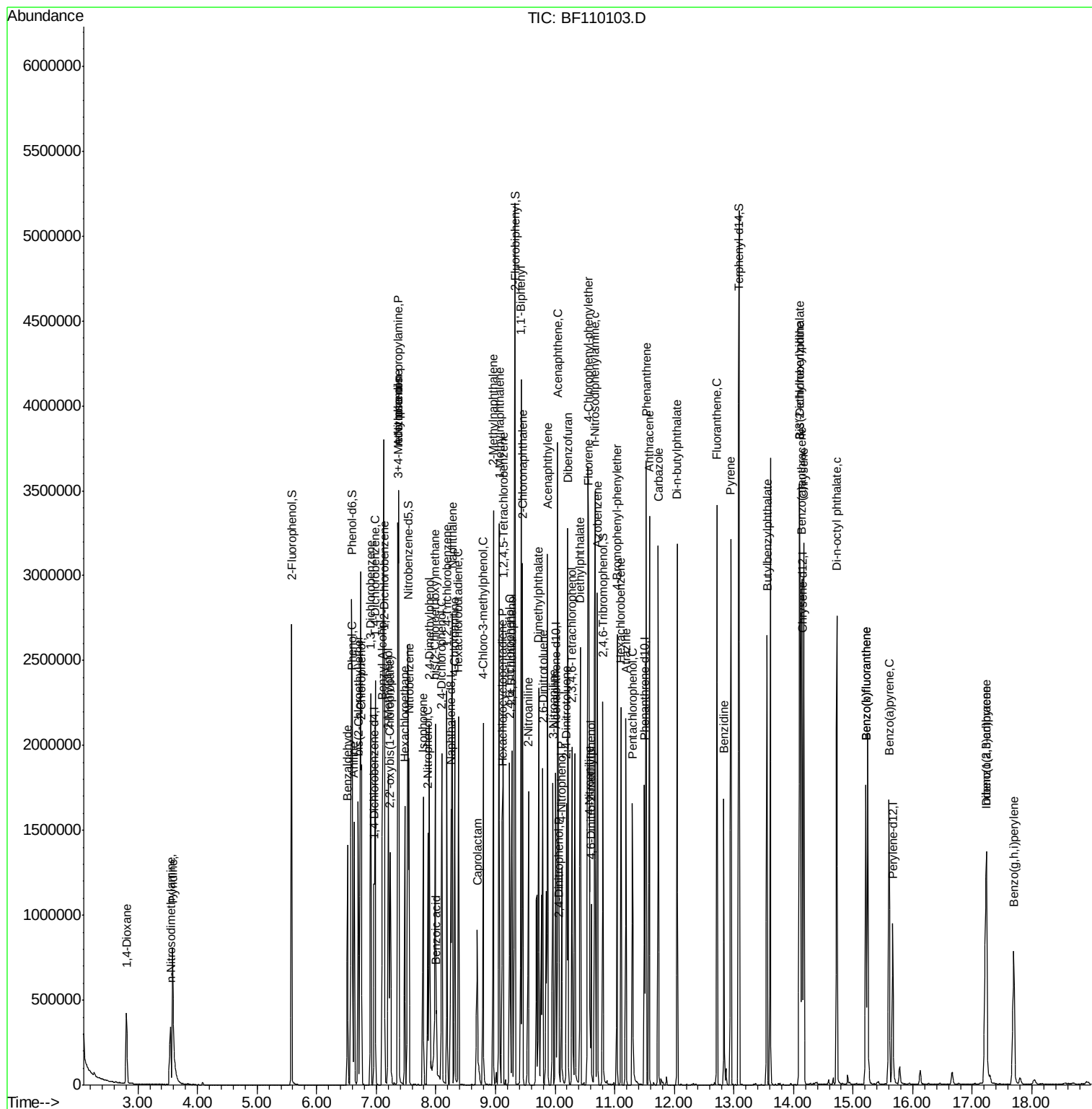
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	216301	38.437	ng	98
43) 2,4,6-Trichlorophenol	9.24	196	271083	38.189	ng	96
44) 2,4,5-Trichlorophenol	9.27	196	292691	39.009	ng	96
46) 1,1'-Biphenyl	9.43	154	1206501	37.773	ng	100
47) 2-Chloronaphthalene	9.46	162	891772	38.062	ng	99
48) 2-Nitroaniline	9.55	65	279405	39.353	ng	93
49) Acenaphthylene	9.87	152	1288193	38.066	ng	98
50) Dimethylphthalate	9.73	163	988363	37.907	ng	100
51) 2,6-Dinitrotoluene	9.79	165	219824	39.140	ng	95
52) Acenaphthene	10.05	154	845869	37.784	ng	97
53) 3-Nitroaniline	9.96	138	257865	38.609	ng	95
54) 2,4-Dinitrophenol	10.06	184	75727	36.951	ng	90
55) Dibenzofuran	10.22	168	1195392	38.138	ng	98
56) 4-Nitrophenol	10.11	139	196866	39.826	ng	96
57) 2,4-Dinitrotoluene	10.19	165	297270	41.671	ng	93
58) Fluorene	10.56	166	877916	37.634	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.29	232	228447	37.354	ng	98
60) Diethylphthalate	10.42	149	969229	38.081	ng	100
61) 4-Chlorophenyl-phenylether	10.55	204	457823	37.203	ng	97
62) 4-Nitroaniline	10.58	138	257387	38.747	ng	93
63) Azobenzene	10.71	77	962218	38.087	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	117184	38.672	ng	92
66) n-Nitrosodiphenylamine	10.67	169	841490	38.681	ng	96
67) 4-Bromophenyl-phenylether	11.04	248	282258	39.234	ng	92
68) Hexachlorobenzene	11.10	284	290250	38.024	ng	# 88
69) Atrazine	11.19	200	262153	38.132	ng	100
70) Pentachlorophenol	11.30	266	185239	41.617	ng	96
71) Phenanthrene	11.53	178	1333286	38.419	ng	100
72) Anthracene	11.58	178	1314237	37.782	ng	100
73) Carbazole	11.73	167	1298240	38.224	ng	100
74) Di-n-butylphthalate	12.05	149	1487130	38.769	ng	99
75) Fluoranthene	12.72	202	1334078	37.878	ng	99
77) Benzidine	12.83	184	589703	38.936	ng	99
78) Pyrene	12.95	202	1388607	38.418	ng	99
80) Butylbenzylphthalate	13.56	149	617906	39.386	ng	95
81) Benzo(a)anthracene	14.14	228	1155193	38.637	ng	100
82) 3,3'-Dichlorobenzidine	14.10	252	394942	37.934	ng	98
83) Chrysene	14.17	228	1069728	37.669	ng	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	825536	38.927	ng	# 95
85) Di-n-octyl phthalate	14.73	149	1287477	39.043	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	855729	36.323	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	895206	37.489	ng	98
89) Benzo(k)fluoranthene	15.22	252	895206	38.134	ng	97
90) Benzo(a)pyrene	15.60	252	825038	37.548	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	714898	37.707	ng	98
92) Benzo(g,h,i)perylene	17.70	276	698974	37.413	ng	97

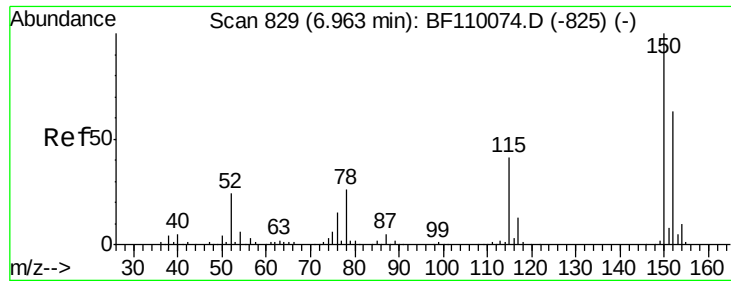
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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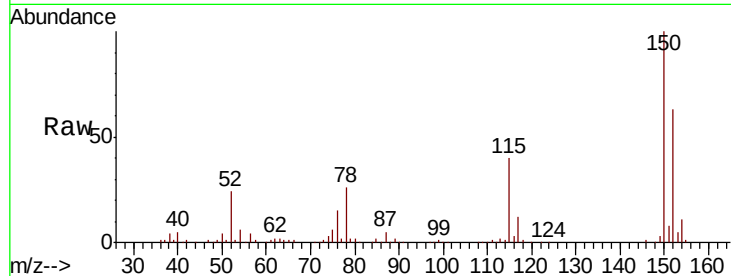


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.7	184.1
115	63.1	49.1	73.7

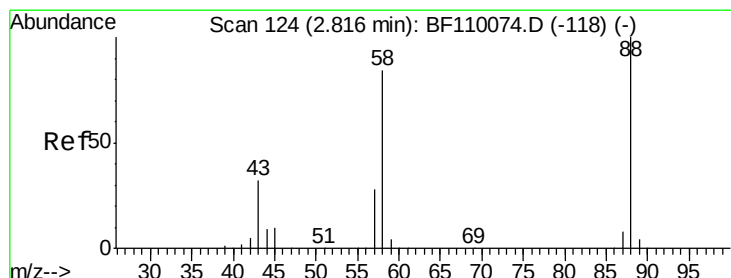
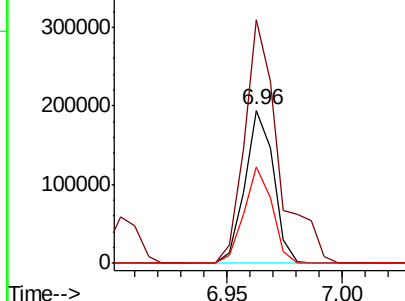
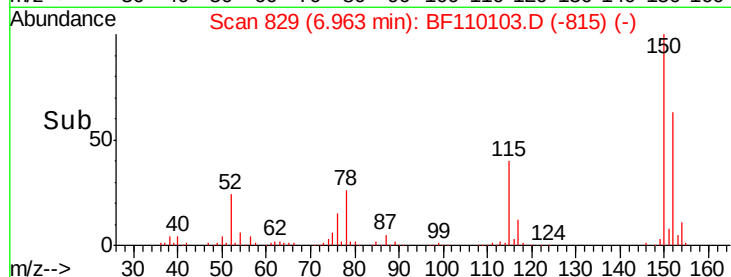


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

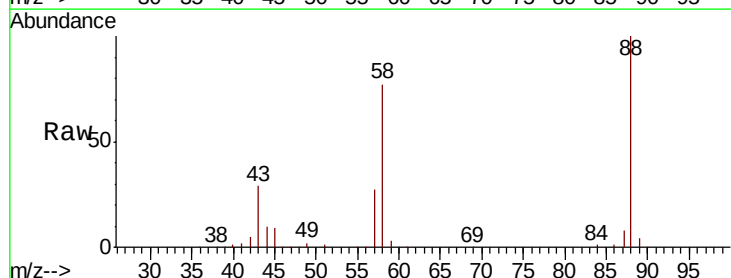
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.170 ng
RT: 2.81 min Scan# 123
Delta R.T. -0.04 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.8	57.1	85.7
43	30.6	24.1	36.1

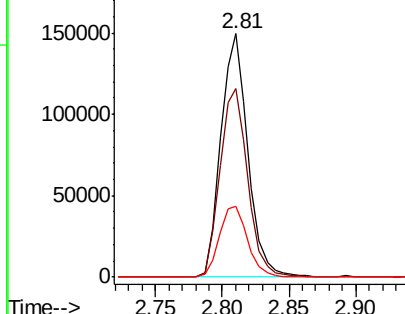
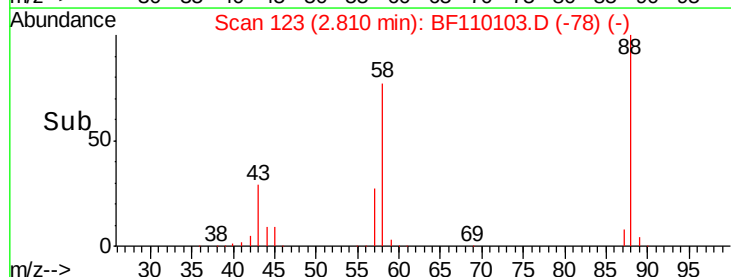


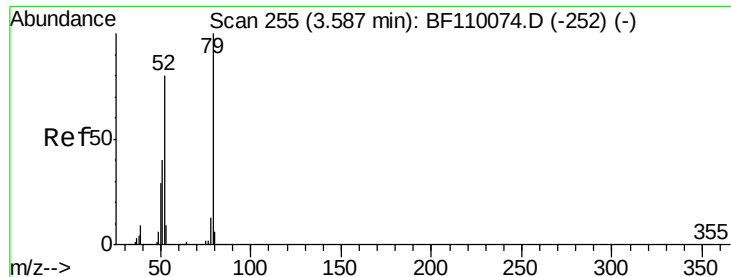
Abundance

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

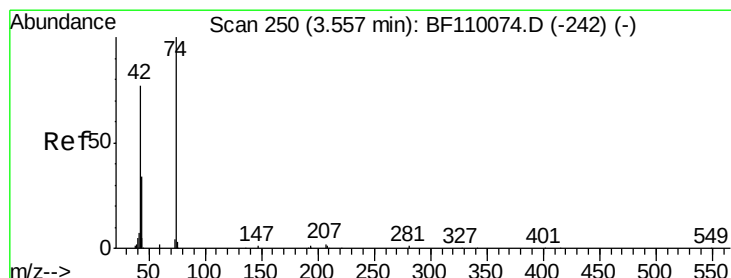
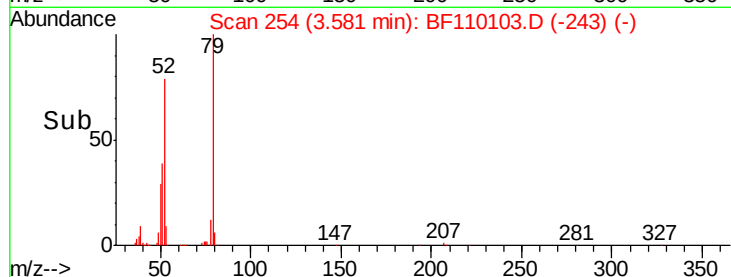
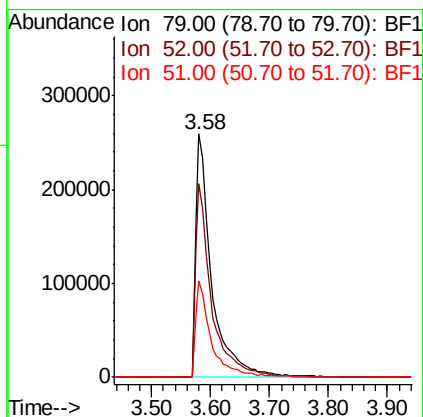
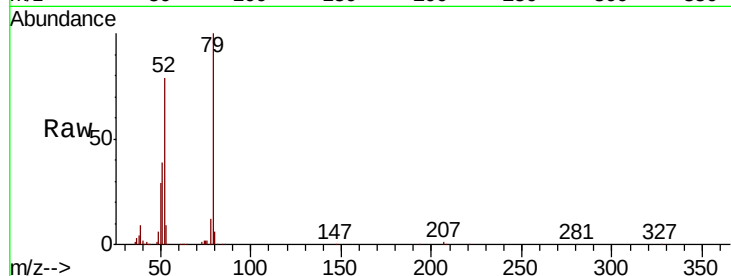




#3
 Pvridine
 Concen: 40.740 ng
 RT: 3.58 min Scan# 254
 Delta R.T. -0.04 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

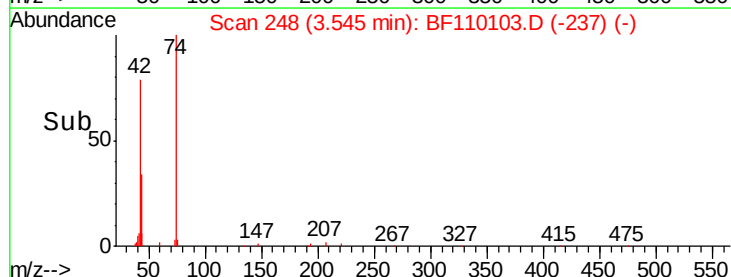
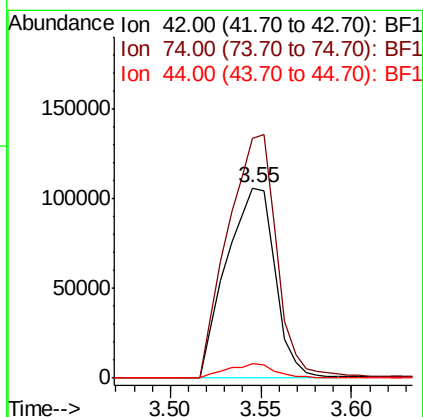
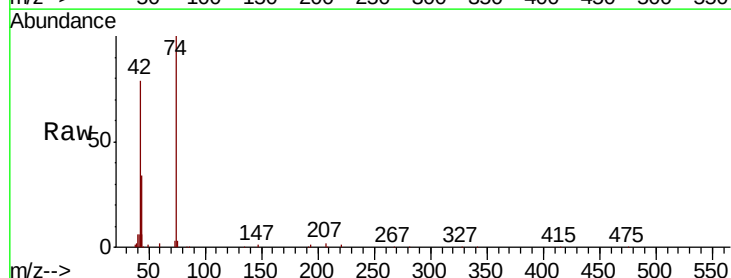
Instrument :
 BNA_F
 ClientSampleId :

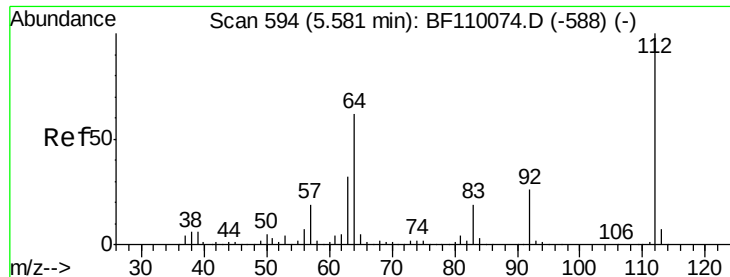
Tot Ion	Ratio	Lower	Upper
79	100		
52	79.3	53.1	79.7
51	39.4	27.4	41.2



#4
 n-Nitrosodimethylamine
 Concen: 39.080 ng
 RT: 3.55 min Scan# 248
 Delta R.T. -0.04 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.1	105.5	158.3
44	7.3	4.9	7.3#





#5

2-Fluorophenol

Concen: 77.799 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampled :

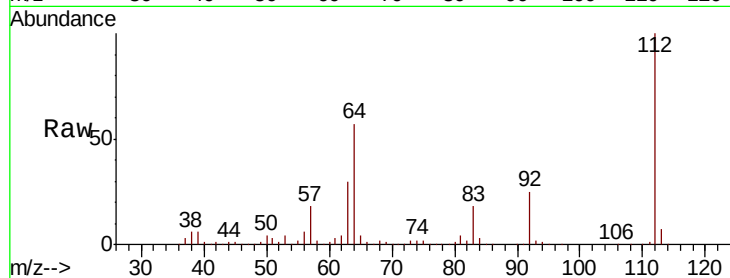
Tot Ion: 112 Resp: 806376

Ion Ratio Lower Upper

112 100

64 57.4 44.1 66.1

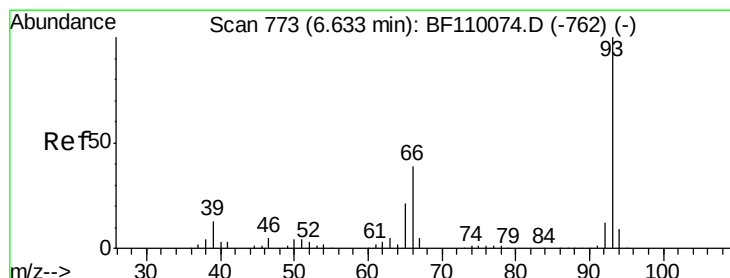
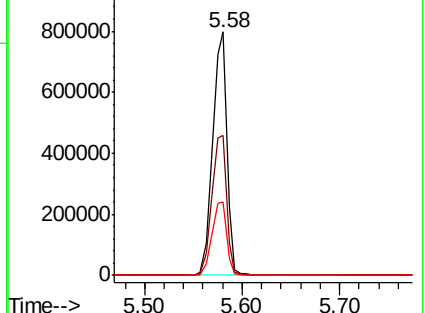
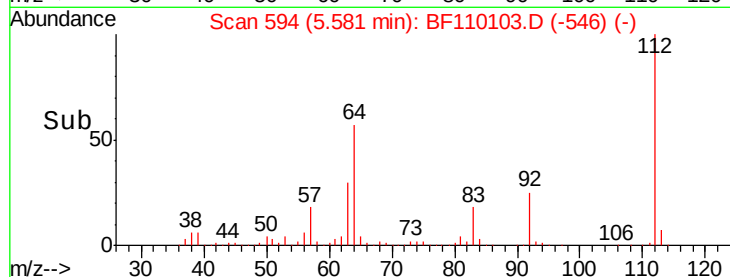
63 30.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.697 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

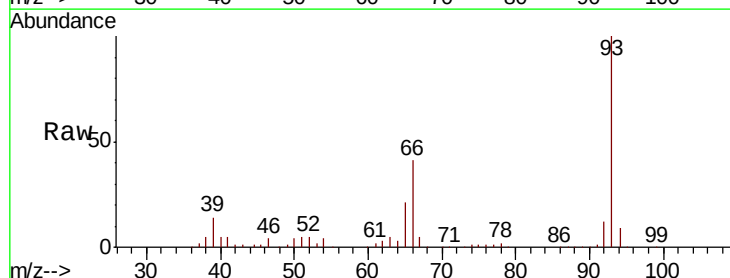
Tgt Ion: 93 Resp: 685573

Ion Ratio Lower Upper

93 100

66 40.6 67.4 101.0#

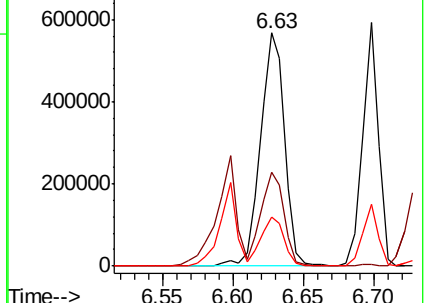
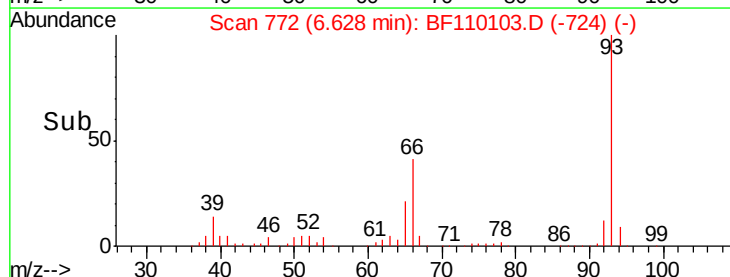
65 21.3 41.0 61.4#

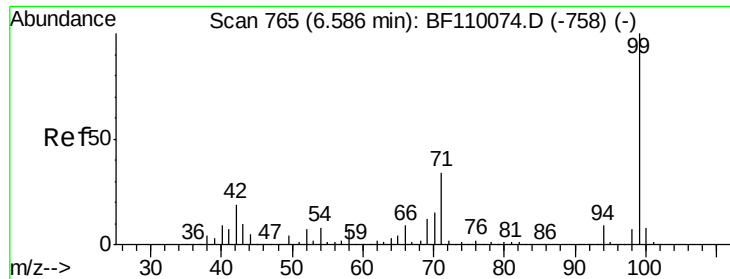


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.340 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampled :

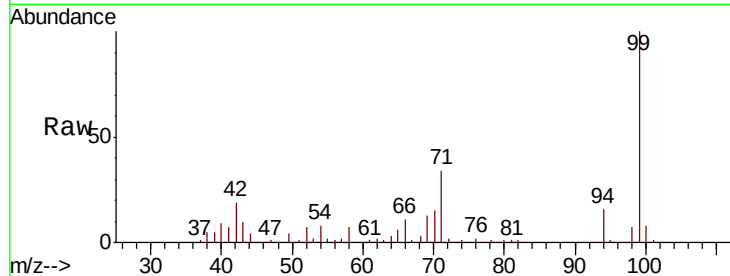
Tot Ion: 99 Resp: 1025328

Ion Ratio Lower Upper

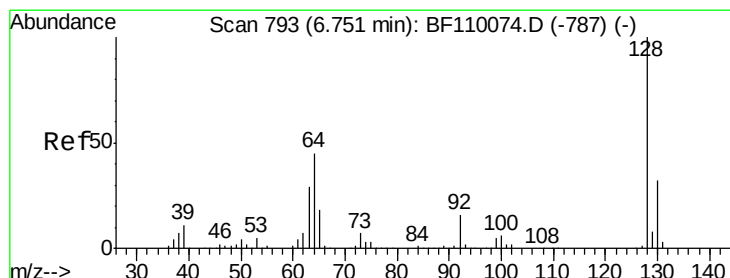
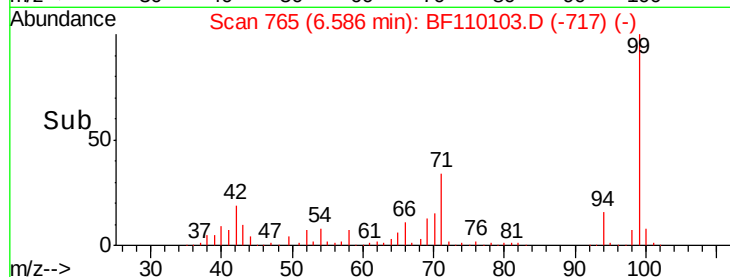
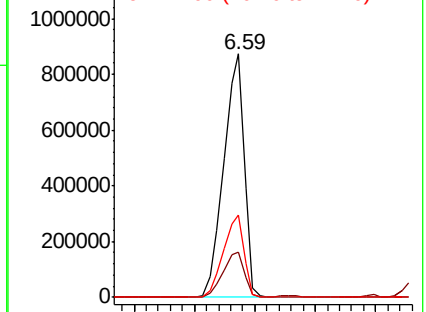
99 100

42 18.7 15.8 23.6

71 33.9 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: 39.338 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

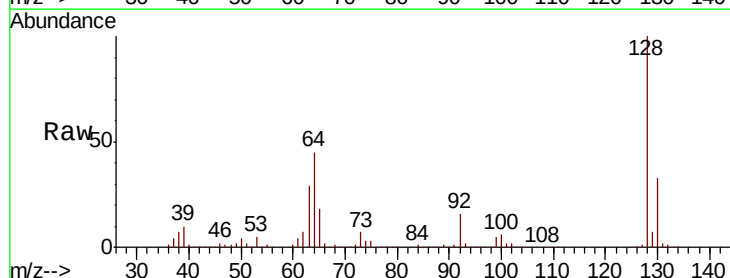
Tgt Ion: 128 Resp: 470076

Ion Ratio Lower Upper

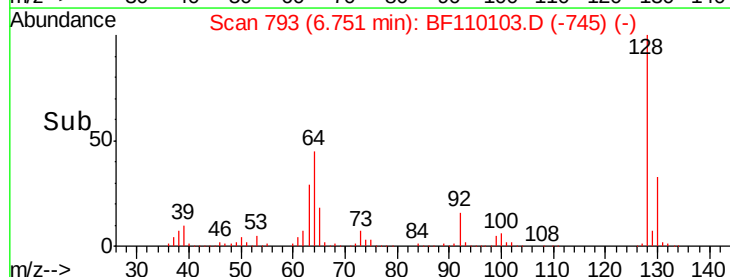
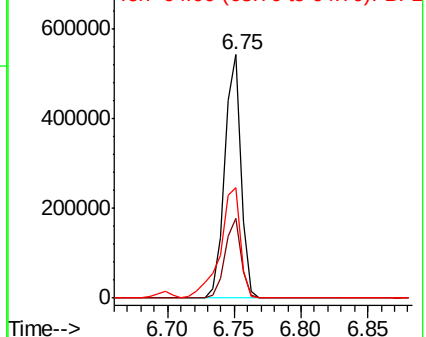
128 100

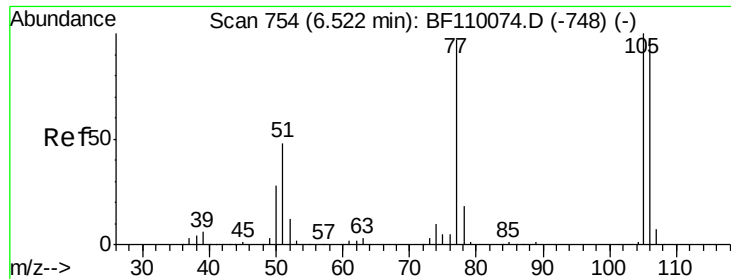
130 32.8 13.1 53.1

64 45.2 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: 37.775 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF110103.D

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BNA_F

ClientSampleId :

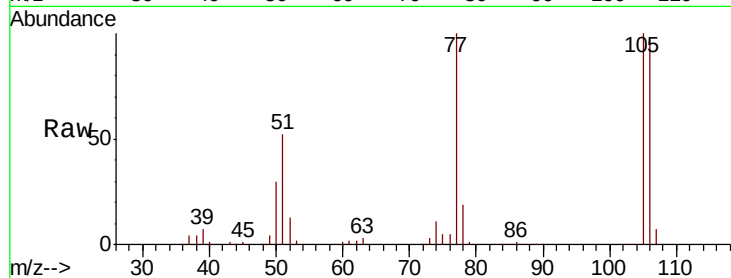
Tot Ion: 77 Resp: 295514

Ion Ratio Lower Upper

77 100

105 100.3 78.6 118.6

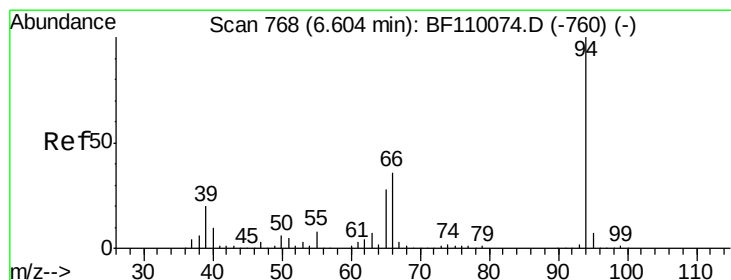
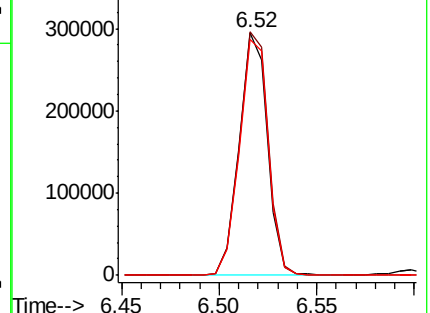
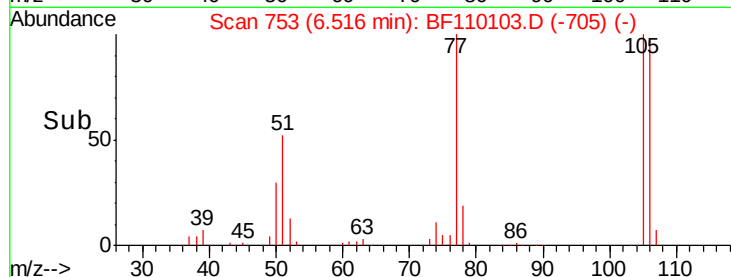
106 97.1 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.712 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

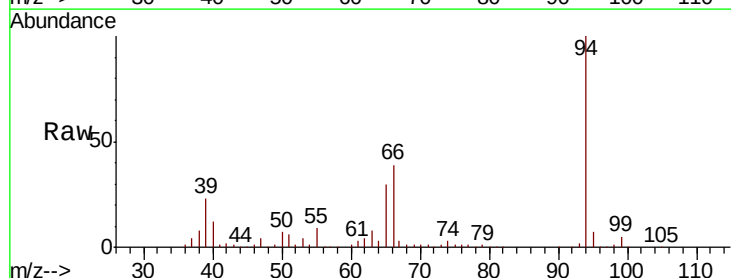
Tgt Ion: 94 Resp: 548599

Ion Ratio Lower Upper

94 100

65 29.7 25.3 65.3

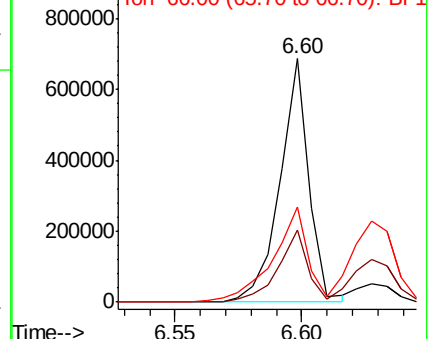
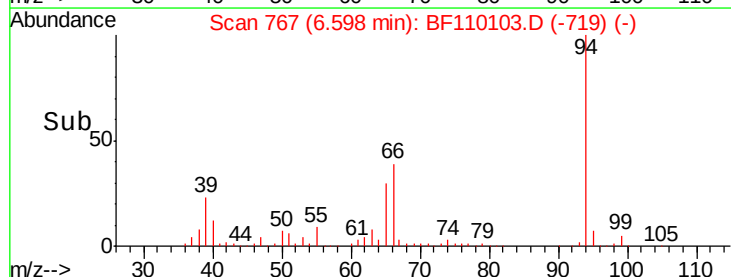
66 39.3 54.5 94.5#

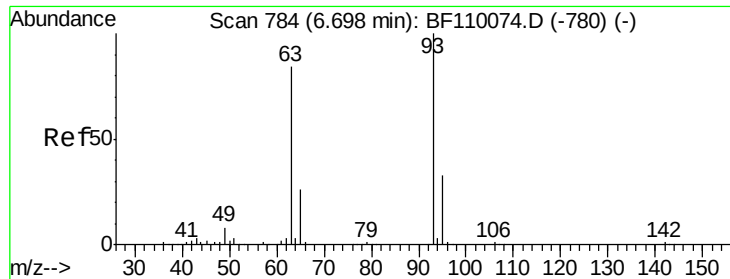


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

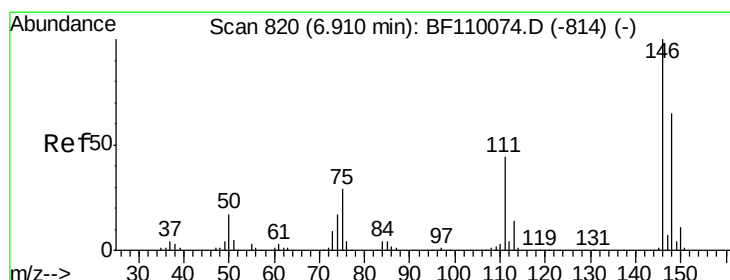
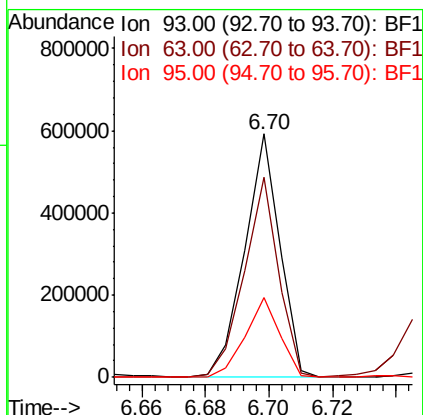
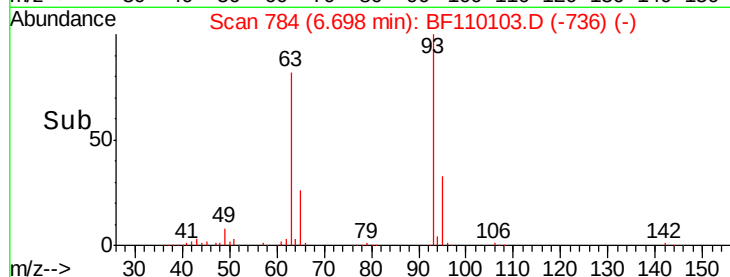
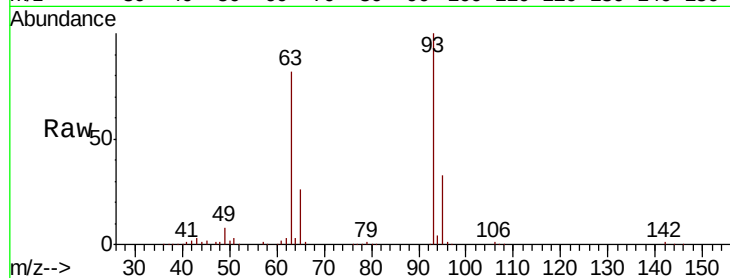




#11
bis(2-Chloroethyl)ether
Concen: 39.022 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

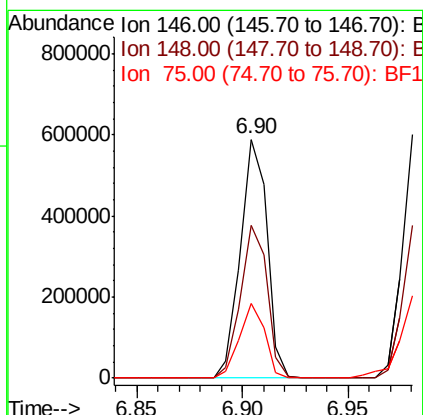
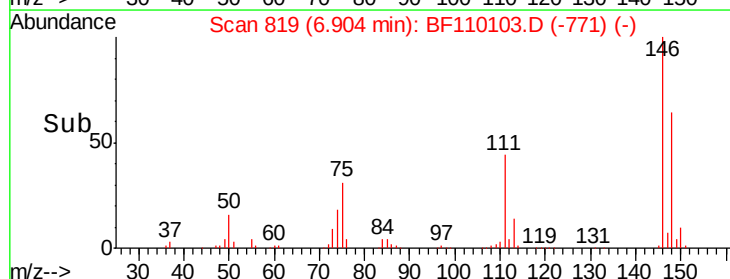
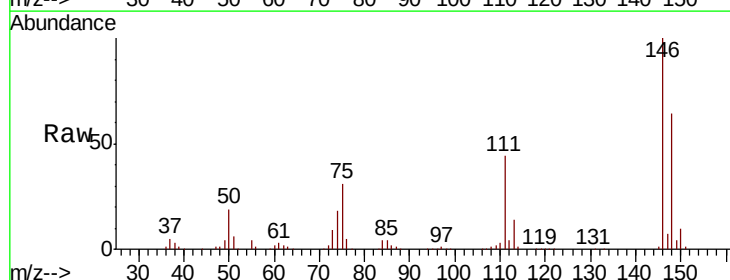
Instrument :
BNA_F
ClientSampleId :

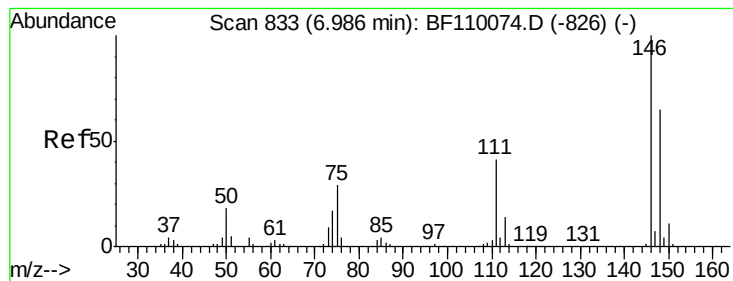
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.0	53.4	93.4
95	32.8	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 39.089 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
75	31.4	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 38.746 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampleId :

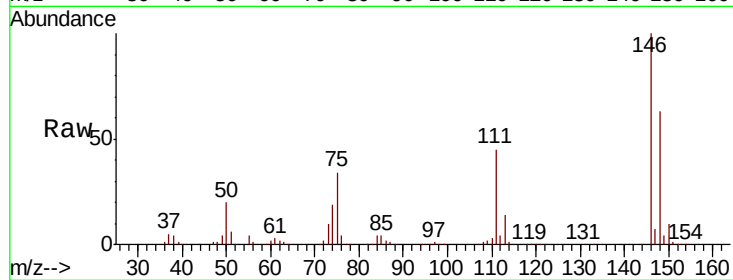
Tot Ion:146 Resp: 515331

Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

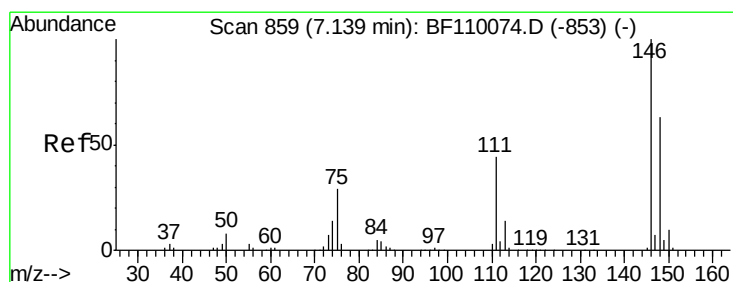
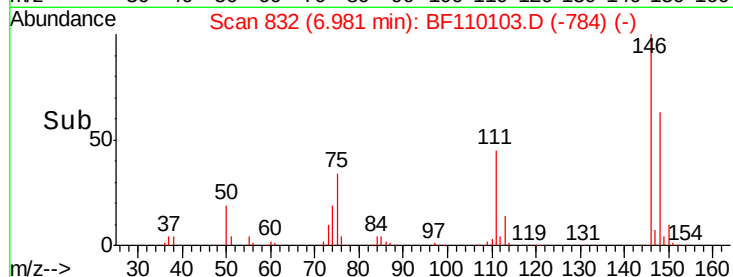
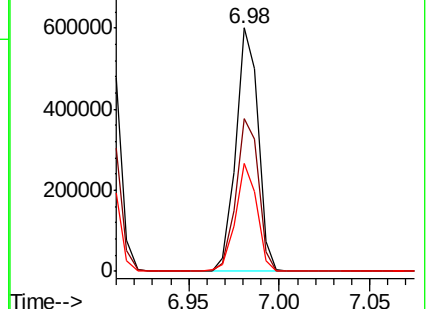
111 44.5 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.753 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

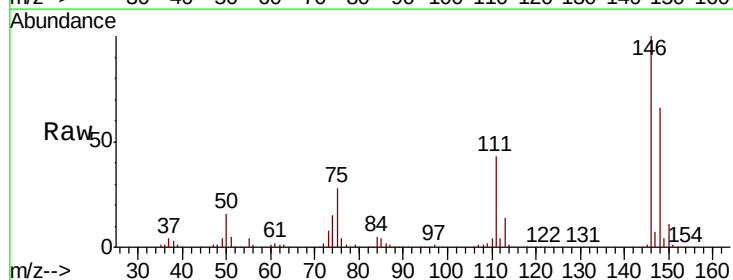
Tgt Ion:146 Resp: 478481

Ion Ratio Lower Upper

146 100

148 65.7 51.1 76.7

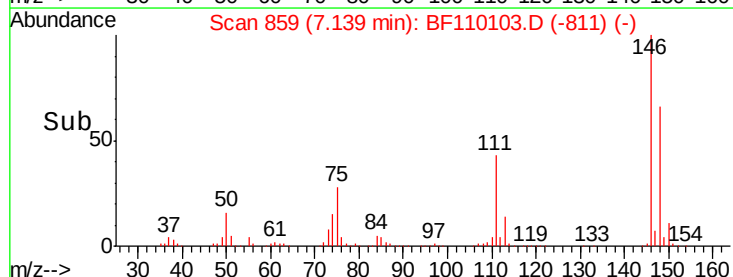
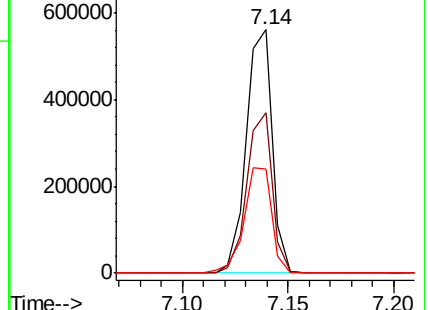
111 42.7 35.8 53.6

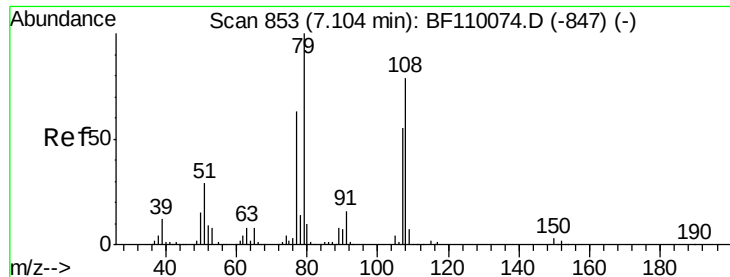


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.644 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampleId :

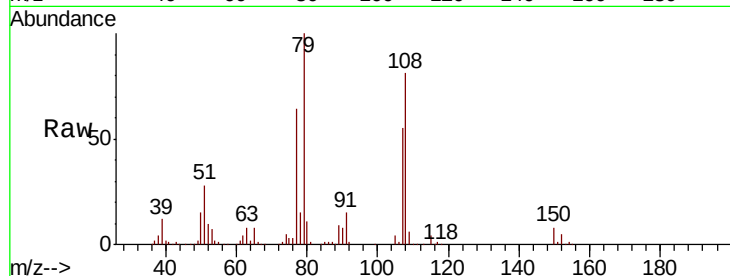
Tot Ion: 79 Resp: 404238

Ion Ratio Lower Upper

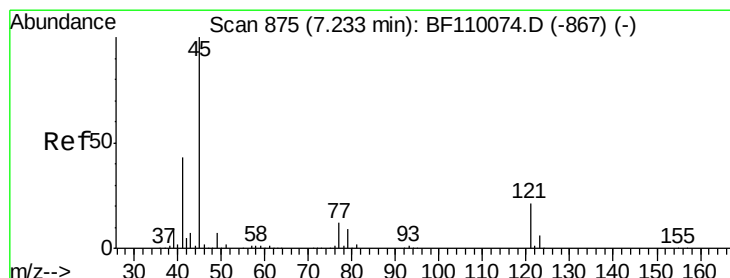
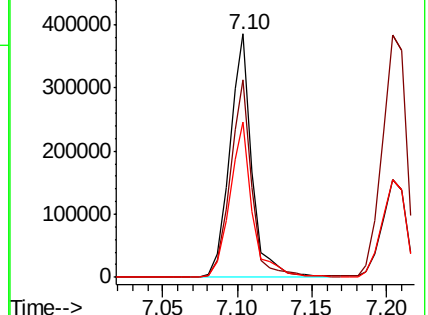
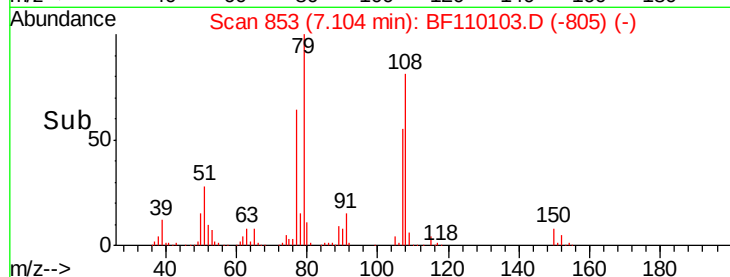
79 100

108 80.9 56.3 84.5

77 64.0 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: 39.547 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

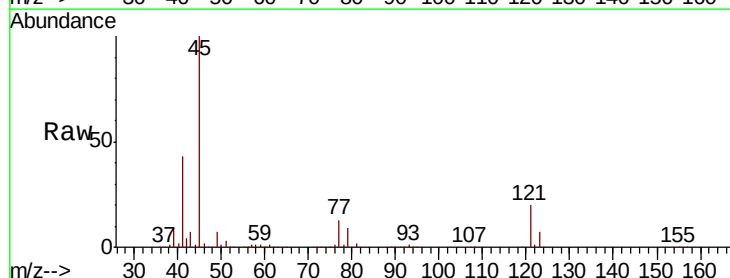
Tgt Ion: 45 Resp: 737207

Ion Ratio Lower Upper

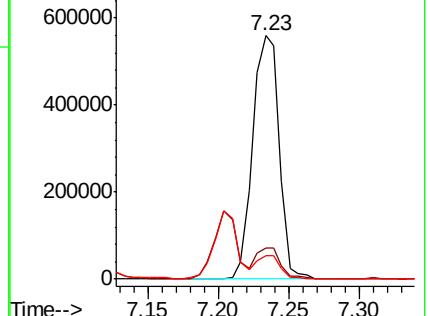
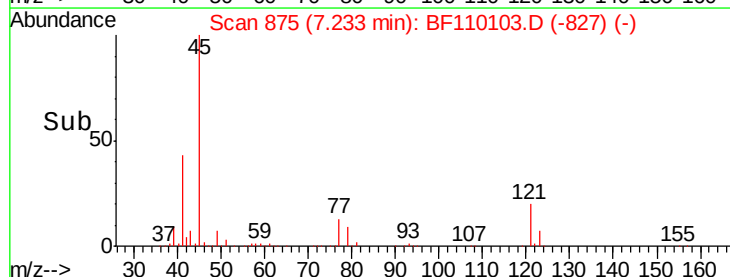
45 100

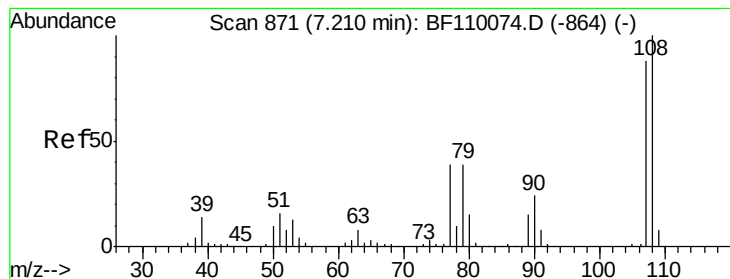
77 12.9 10.0 50.0

79 9.4 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

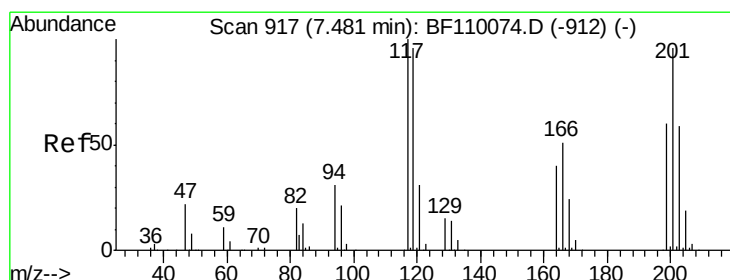
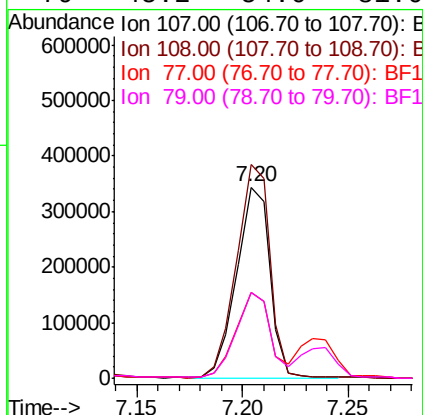
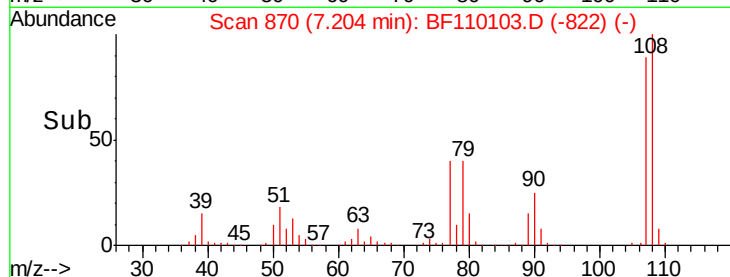
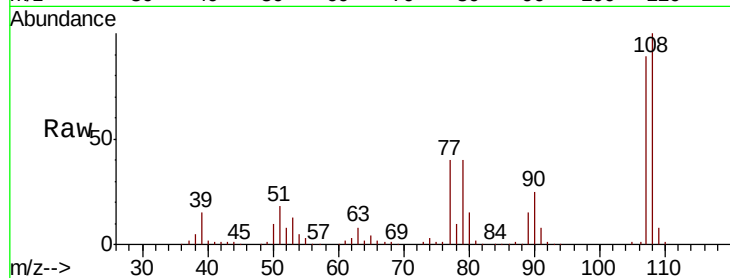




#17
2-Methylphenol
Concen: 39.250 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

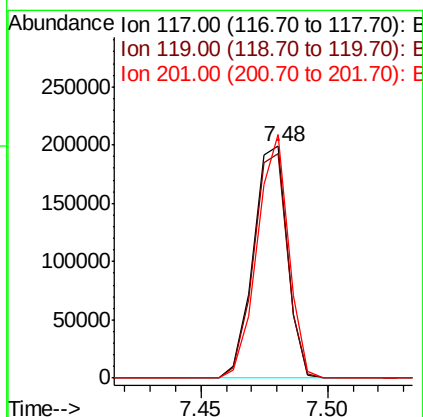
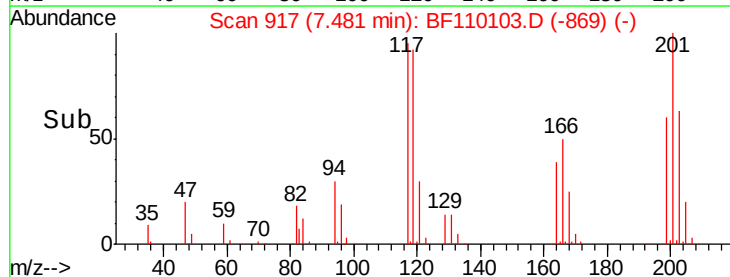
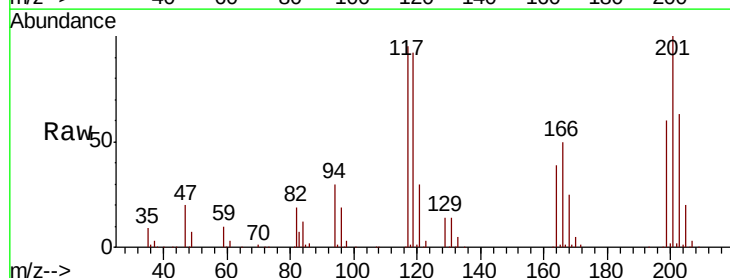
Instrument :
BNA_F
ClientSampled :

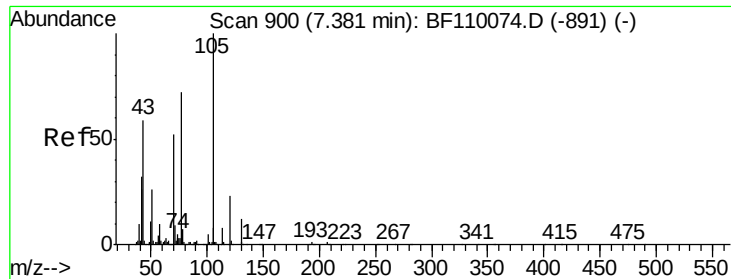
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	92.6	138.8
77	45.2	59.4	89.2
79	45.2	54.0	81.0



#18
Hexachloroethane
Concen: 38.414 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.0	112.6
201	104.9	79.2	118.8

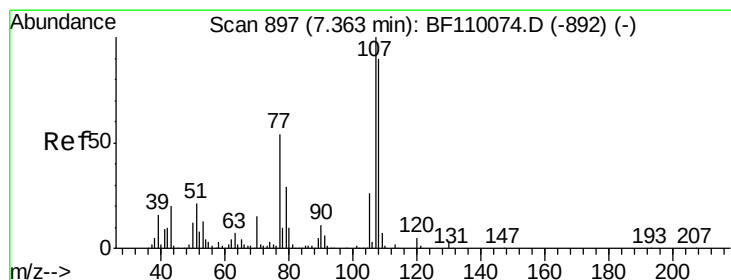
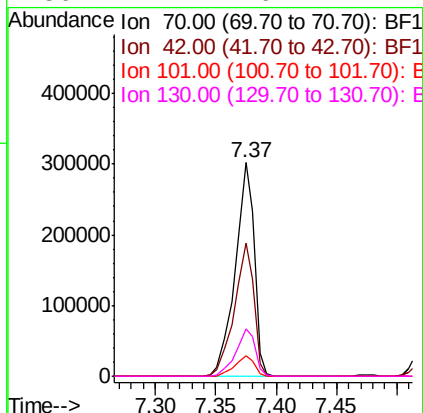
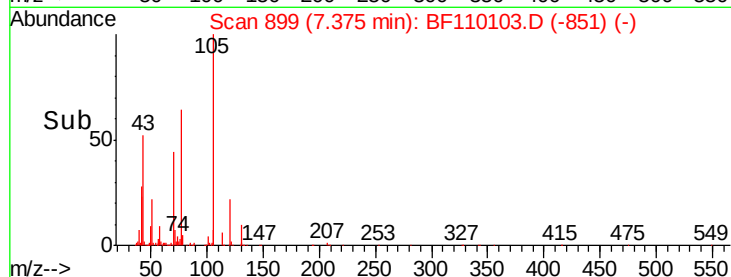
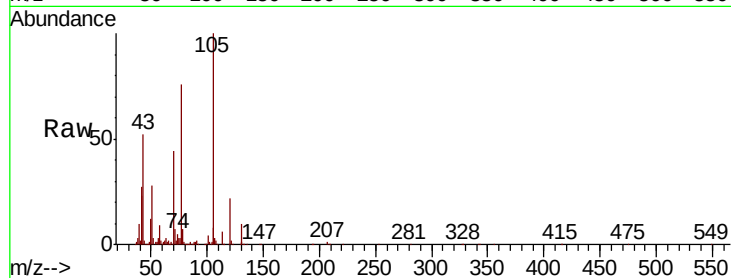




#19
n-Nitroso-di-n-propylamine
Concen: 39.135 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

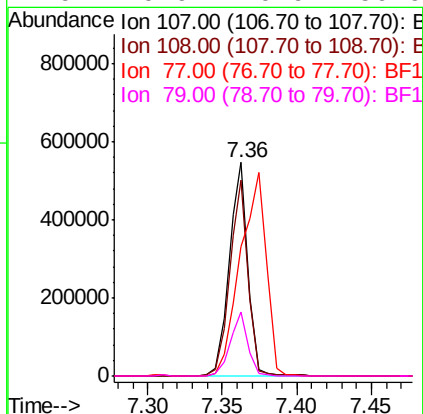
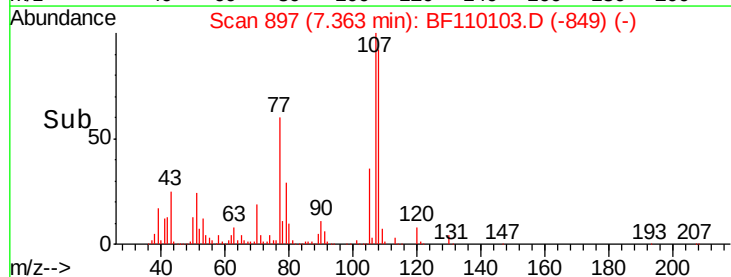
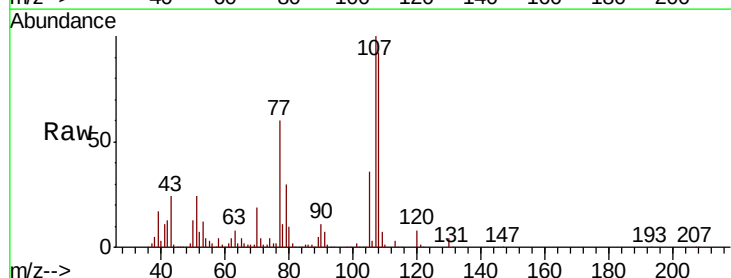
Instrument :
BNA_F
ClientSampleId :

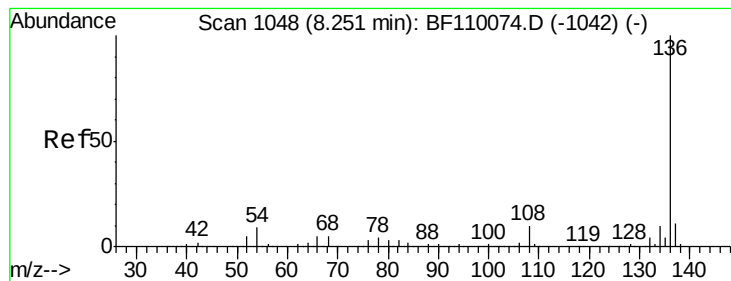
Tot Ion: 70 Resp: 332856
Ion Ratio Lower Upper
70 100
42 62.4 47.4 71.2
101 9.9 7.3 10.9
130 22.1 16.2 24.2



#20
3+4-Methylphenols
Concen: 39.123 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion:107 Resp: 481611
Ion Ratio Lower Upper
107 100
108 91.7 71.4 111.4
77 60.4 47.3 87.3
79 29.9 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 723780

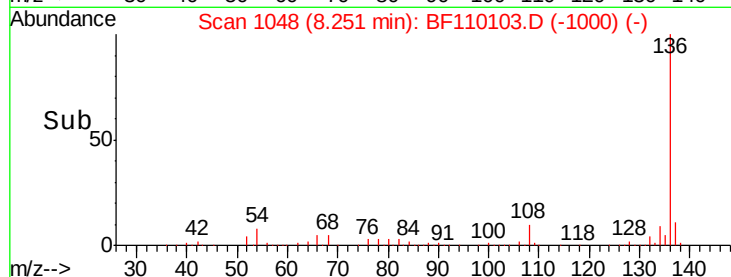
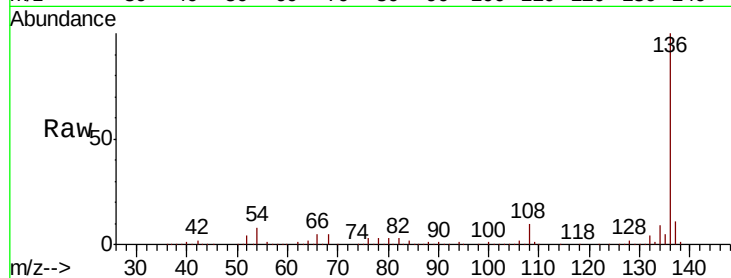
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.7 5.4 8.2

68 5.3 4.2 6.2

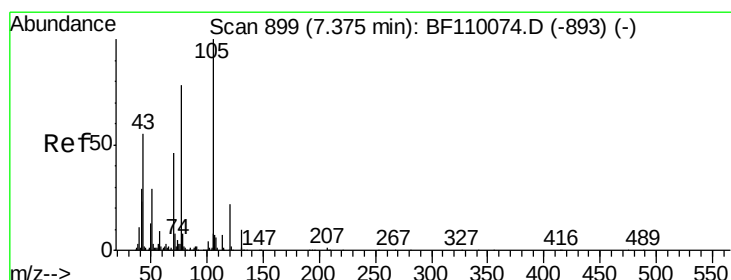
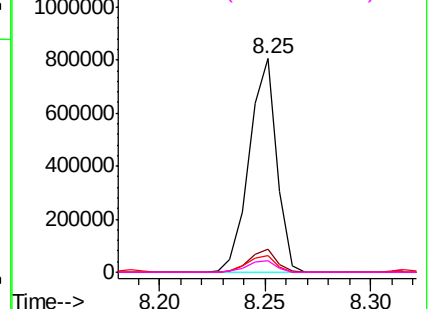


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.553 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Tgt Ion:105 Resp: 642965

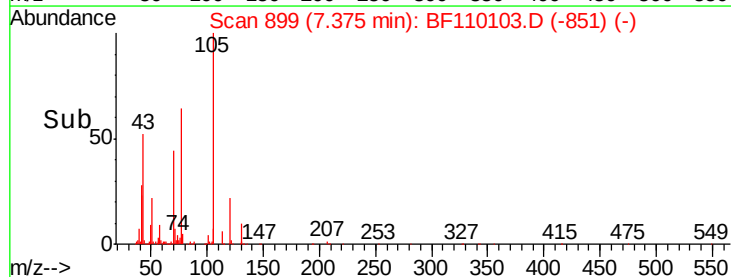
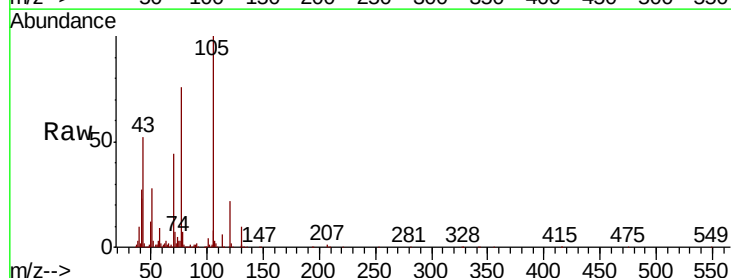
Ion Ratio Lower Upper

105 100

71 7.1 5.2 7.8

51 27.8 21.8 32.8

120 22.2 17.0 25.4

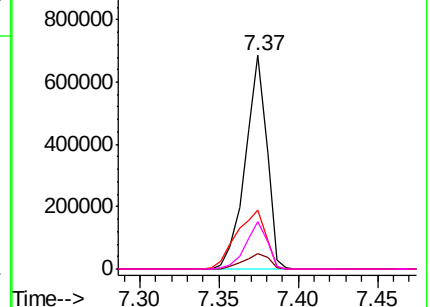


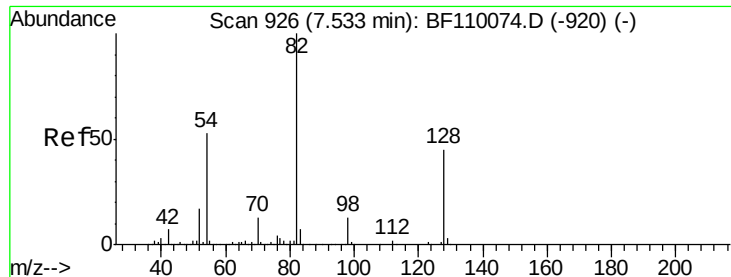
Abundance Ion 105.00 (104.70 to 105.70): E

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

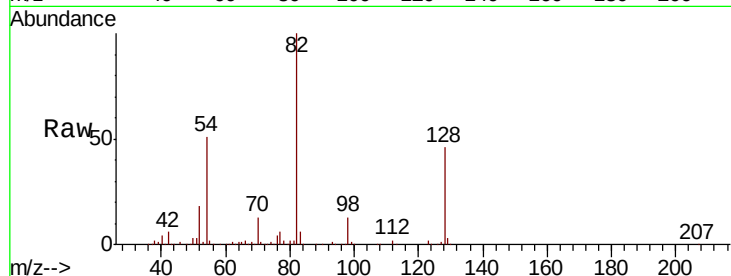




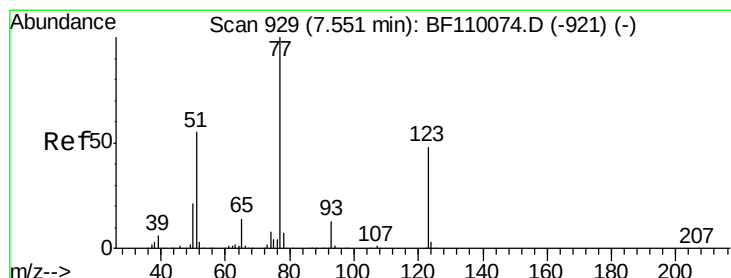
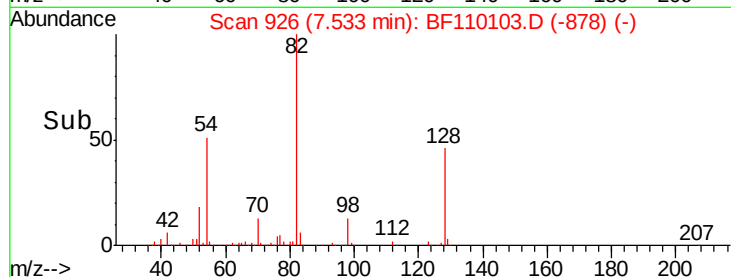
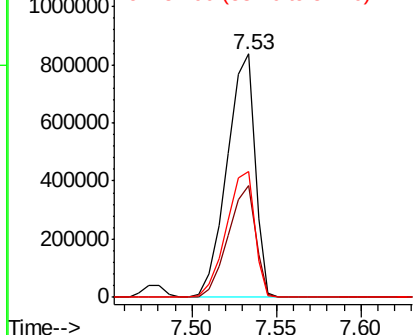
#23
 Nitrobenzene-d5
 Concen: 78.861 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	962321
Ion Ratio	100	Lower	Upper
128	45.8	34.2	51.2
54	51.4	38.6	58.0

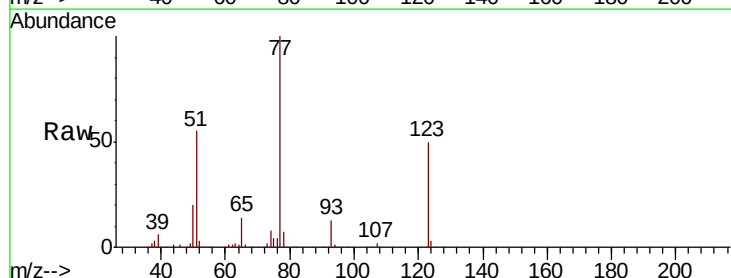


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

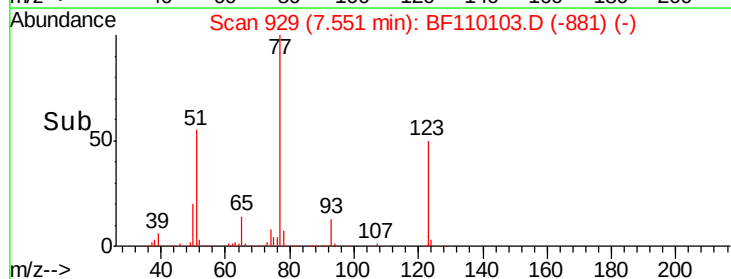
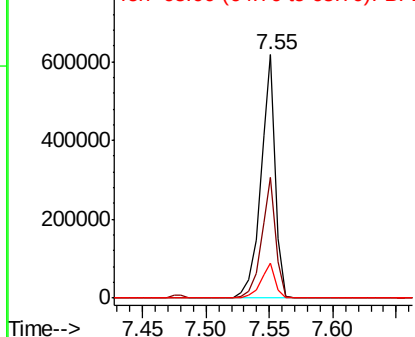


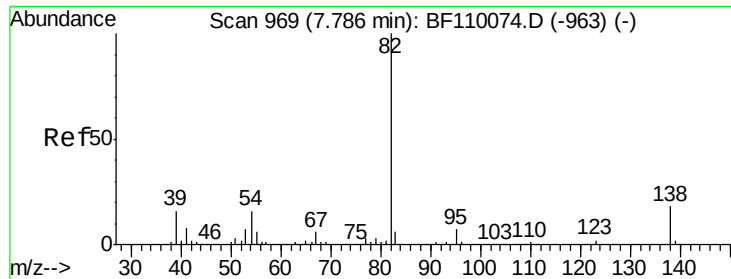
#24
 Nitrobenzene
 Concen: 39.220 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Tgt Ion	77	Resp	494109
Ion Ratio	100	Lower	Upper
123	49.7	35.7	53.5
65	14.3	10.7	16.1



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





#25

Isophorone

Concen: 38.725 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampleId :

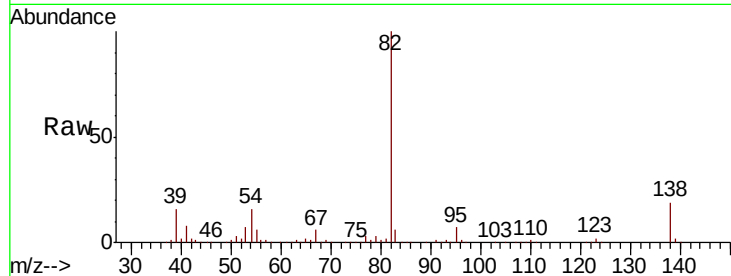
Tot Ion: 82 Resp: 805520

Ion Ratio Lower Upper

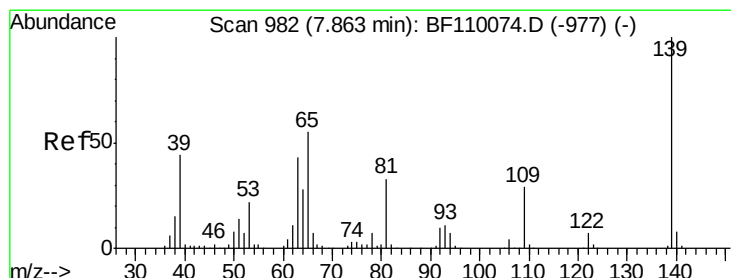
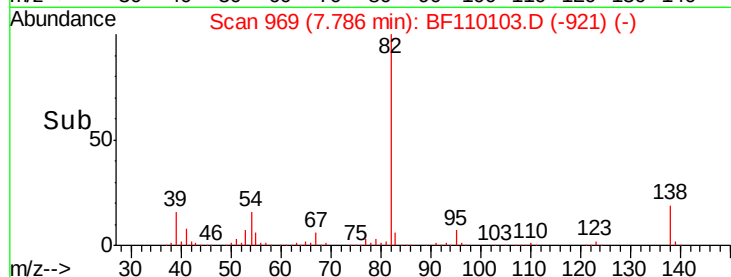
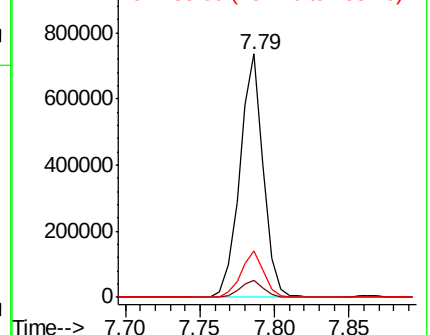
82 100

95 6.9 5.7 8.5

138 19.2 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: 40.250 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

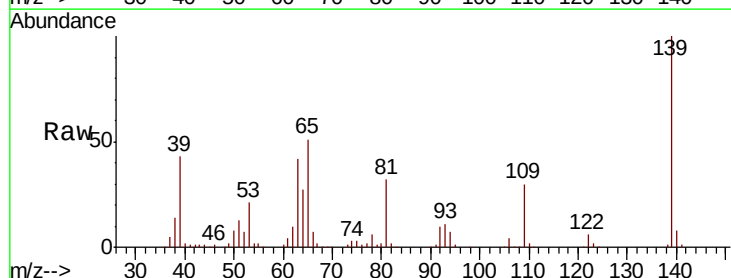
Tgt Ion: 139 Resp: 241307

Ion Ratio Lower Upper

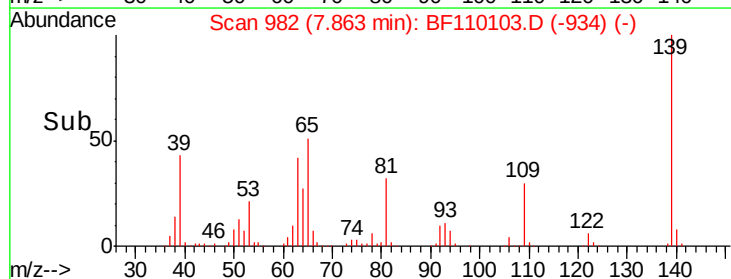
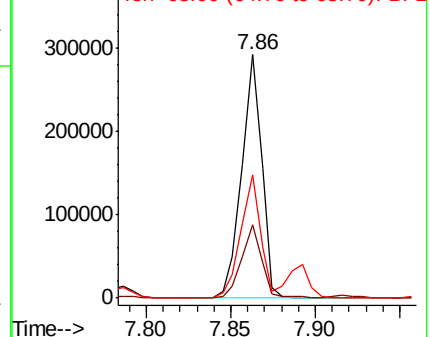
139 100

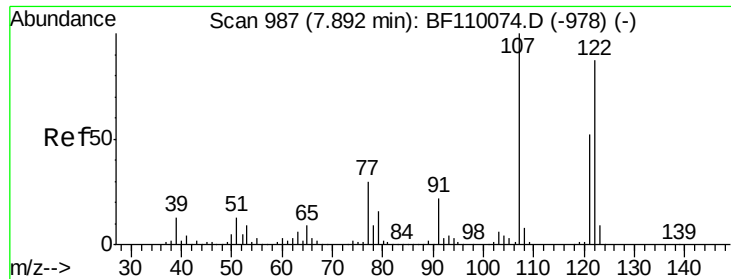
109 30.1 25.0 37.6

65 50.5 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

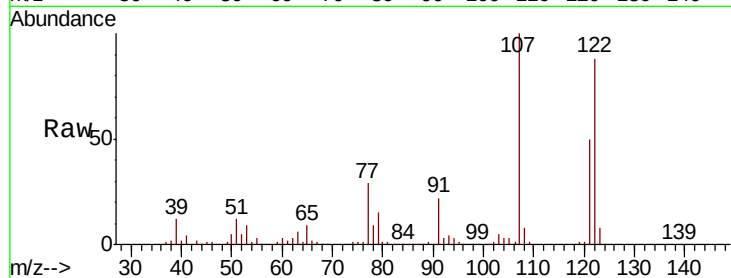




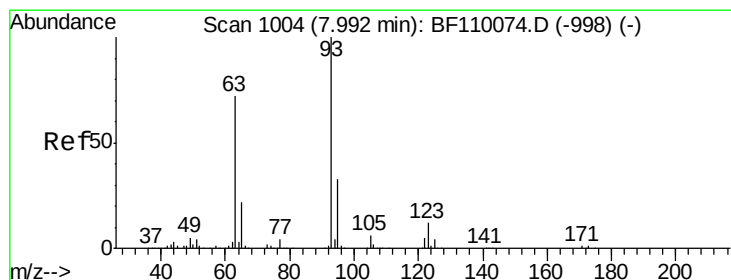
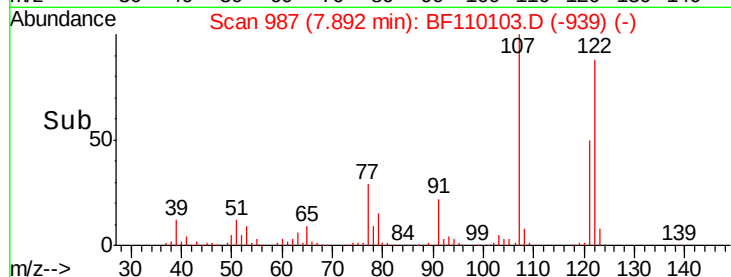
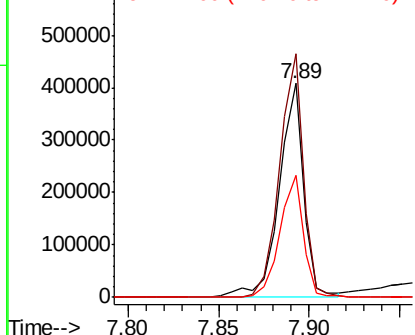
#27
 2,4-Dimethylphenol
 Concen: 38.667 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 384335
 Ion Ratio Lower Upper
 122 100
 107 113.9 92.5 138.7
 121 57.2 45.8 68.8

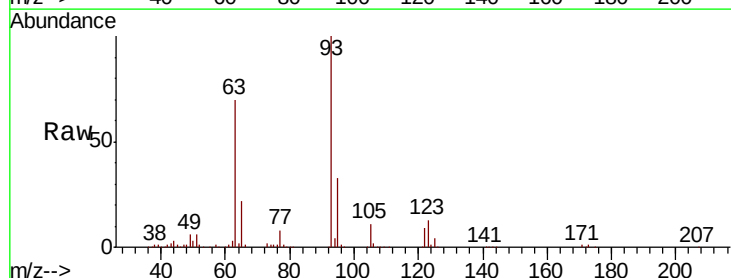


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

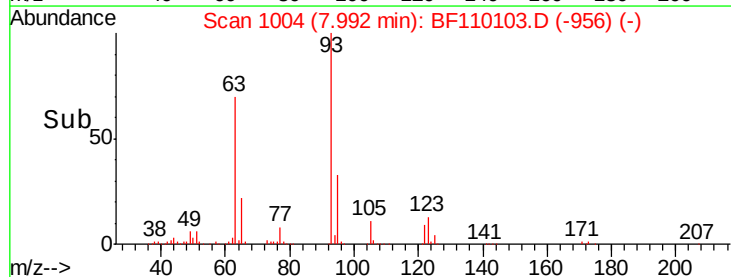
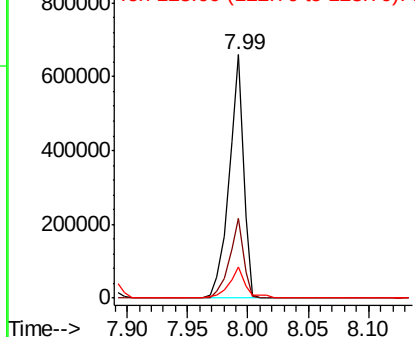


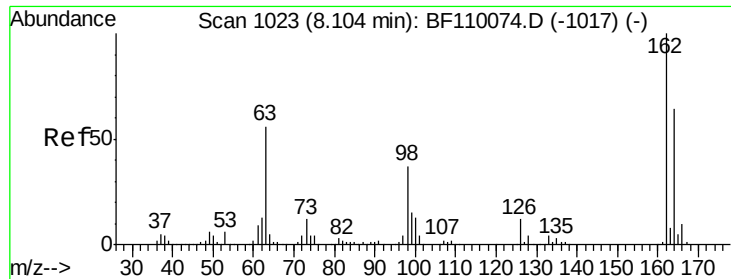
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.722 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.02 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Tgt Ion: 93 Resp: 547164
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.4 39.6
 123 12.6 9.0 13.6



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

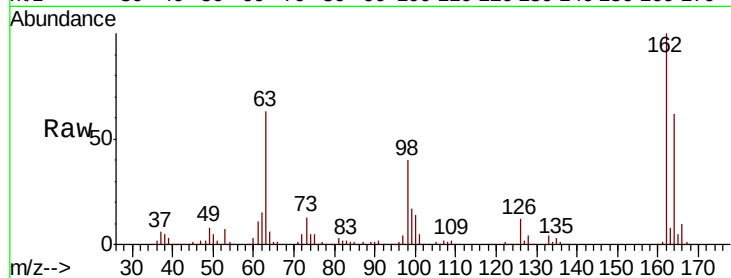




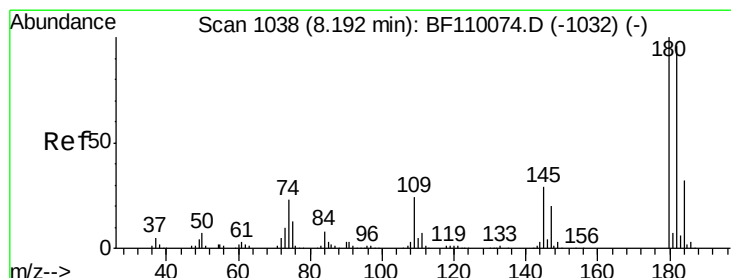
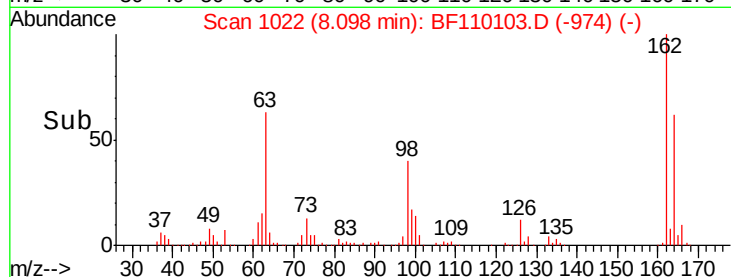
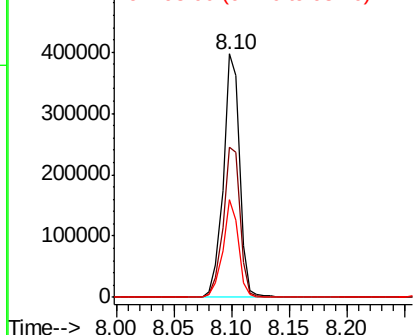
#29
2,4-Dichlorophenol
Concen: 39.027 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	44.6	84.6
98	40.4	17.4	57.4

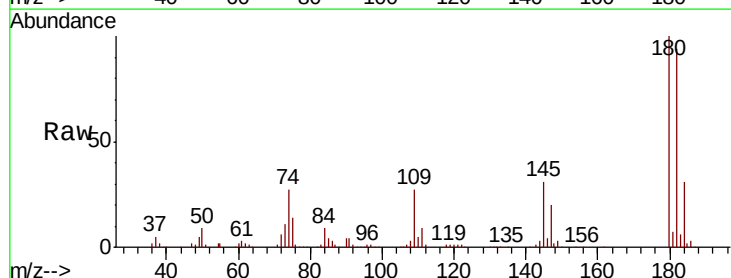


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

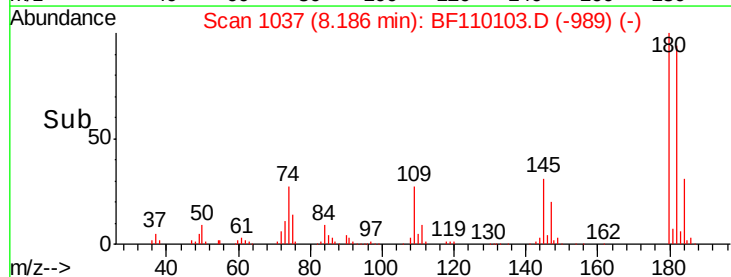
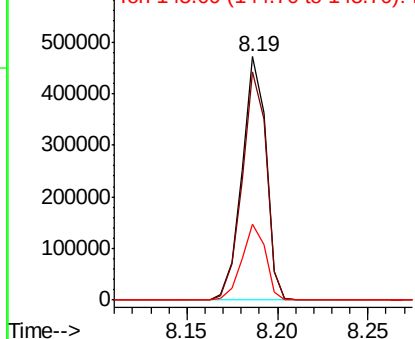


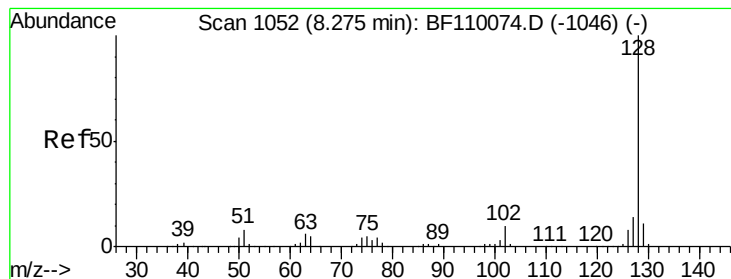
#30
1,2,4-Trichlorobenzene
Concen: 38.459 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	80.3	120.5
145	31.1	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: 38.524 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampleId :

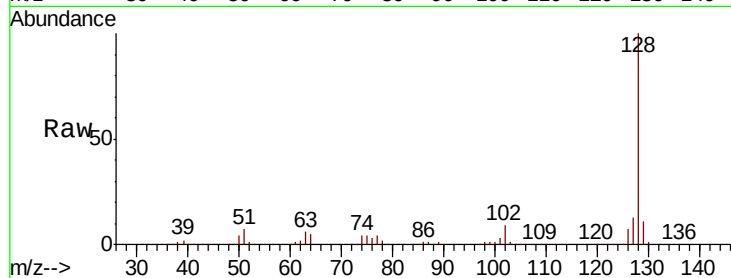
Tot Ion:128 Resp: 1285099

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

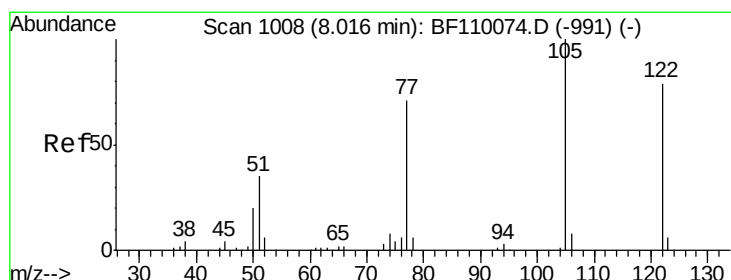
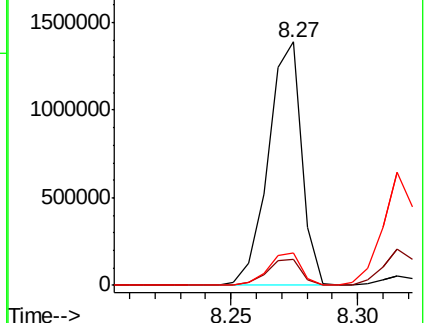
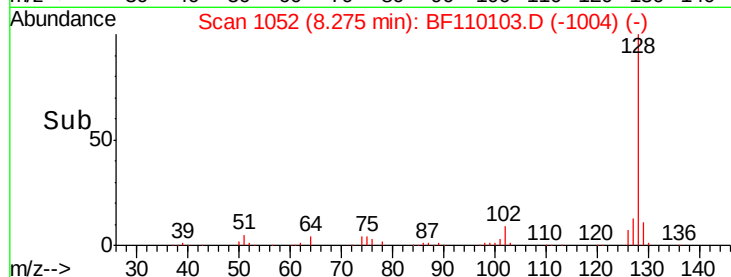
127 13.4 10.8 16.2



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: 29.505 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

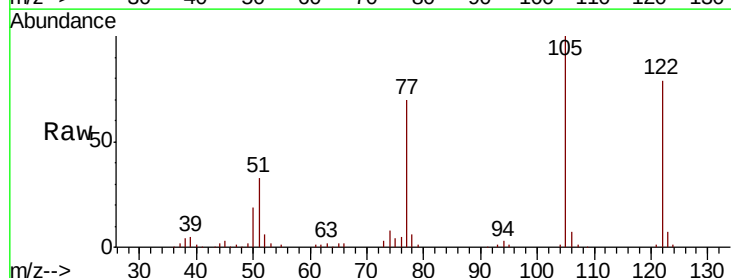
Tgt Ion:122 Resp: 226662

Ion Ratio Lower Upper

122 100

105 126.5 109.0 149.0

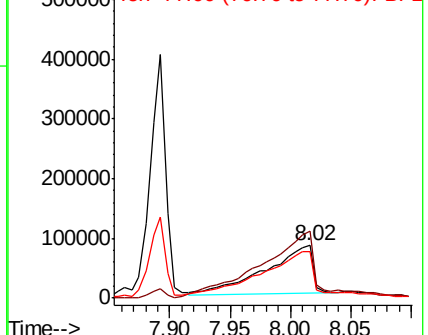
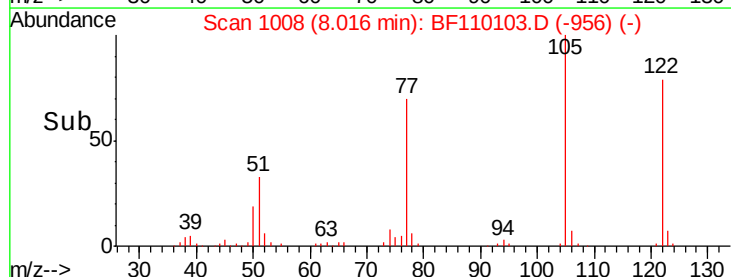
77 89.1 79.0 119.0

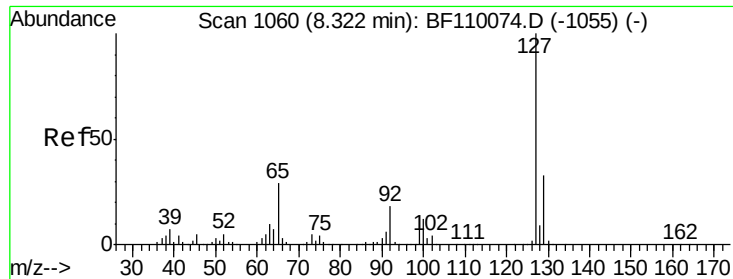


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

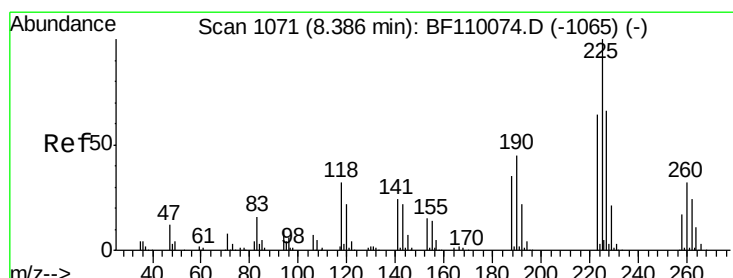
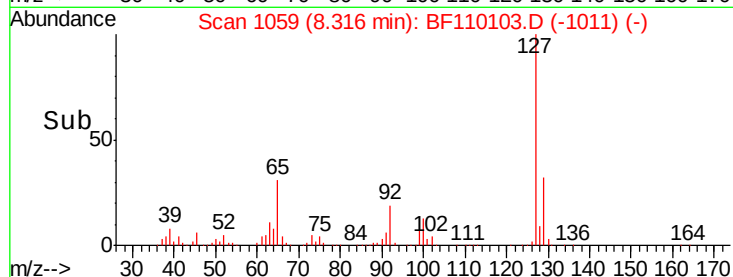
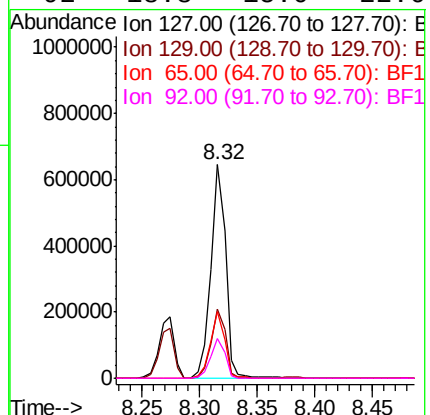
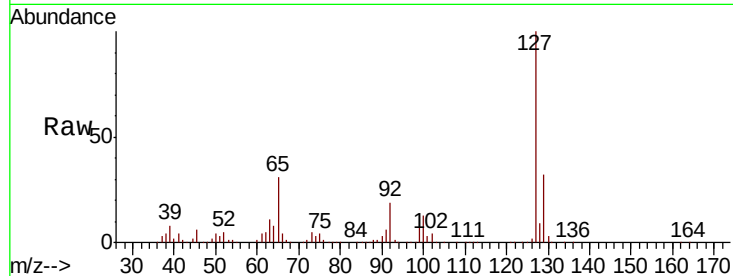




#33
4-Chloroaniline
Concen: 38.580 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

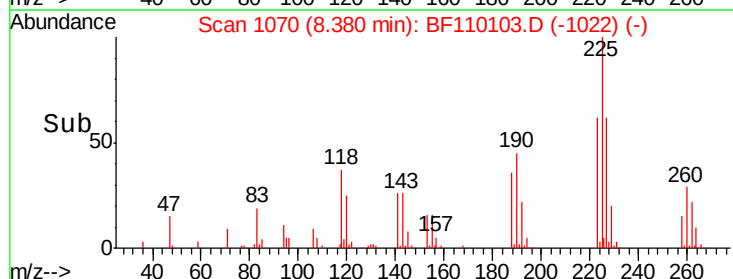
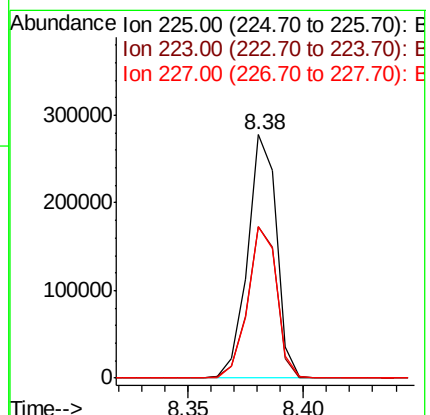
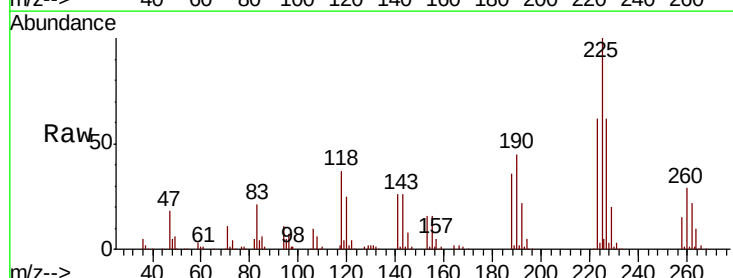
Instrument :
BNA_F
ClientSampleId :

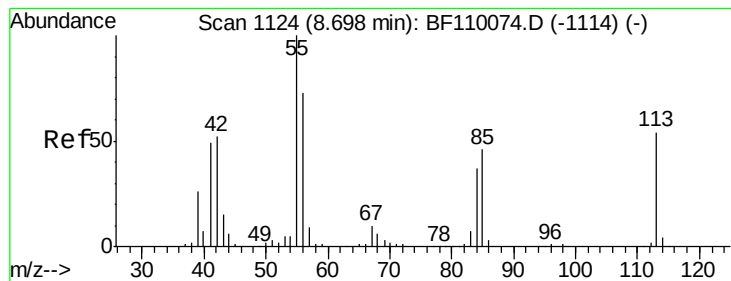
Tot Ion:	127	Resp:	579203
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	30.9	25.1	37.7
92	18.8	15.0	22.6



#34
Hexachlorobutadiene
Concen: 39.065 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion:	225	Resp:	243975
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.4	77.2
227	62.4	51.0	76.6





#35

Caprolactam

Concen: 39.785 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampled :

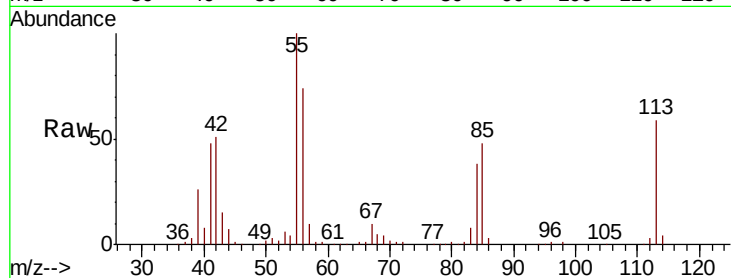
Tot Ion:113 Resp: 139249

Ion Ratio Lower Upper

113 100

55 170.3 142.8 182.8

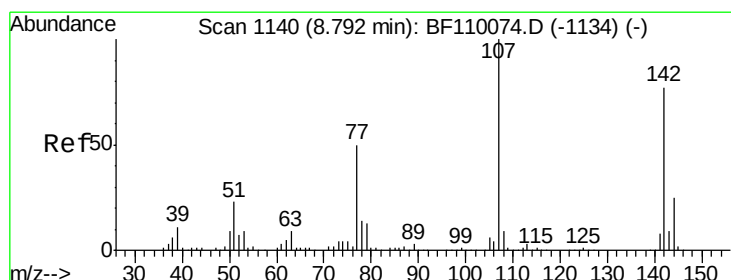
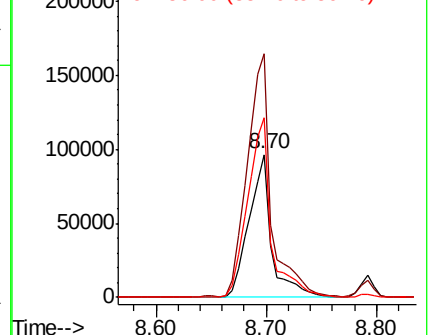
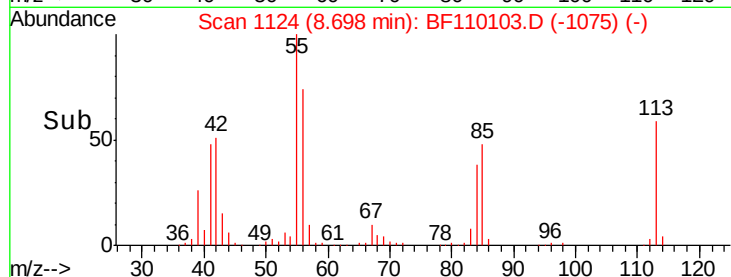
56 125.8 105.0 145.0



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: 39.303 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

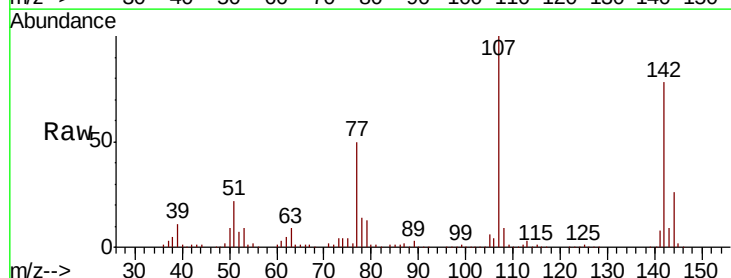
Tgt Ion:107 Resp: 426785

Ion Ratio Lower Upper

107 100

144 25.8 20.0 30.0

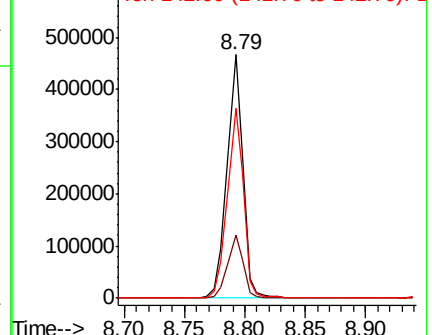
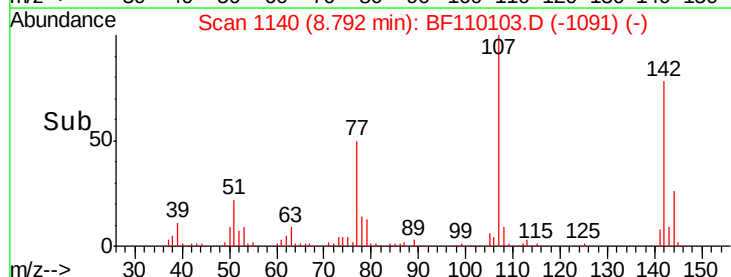
142 78.0 59.7 89.5

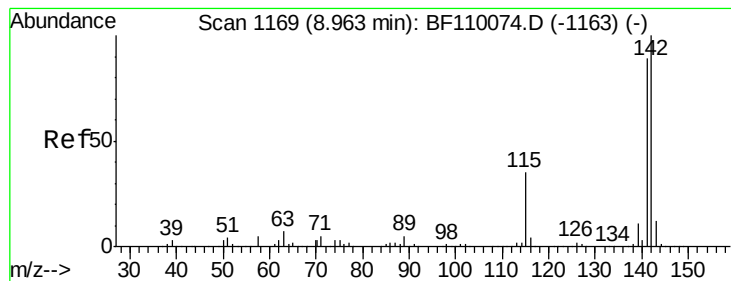


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.452 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampleId :

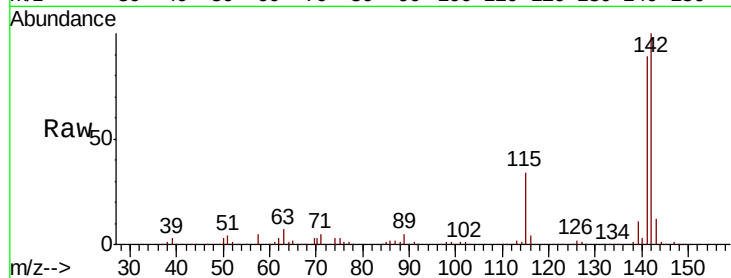
Tot Ion:142 Resp: 848658

Ion Ratio Lower Upper

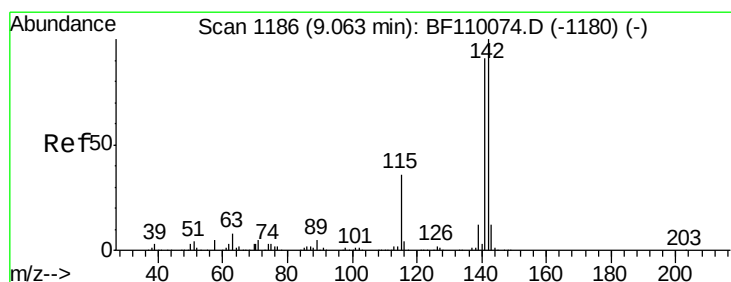
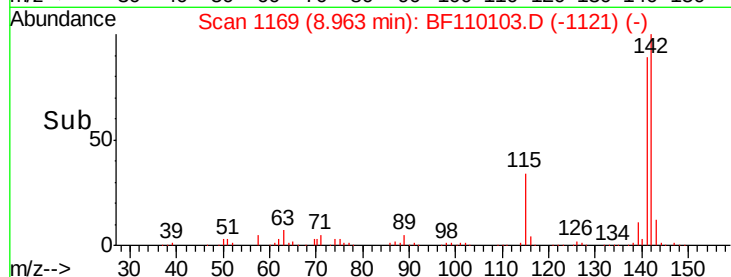
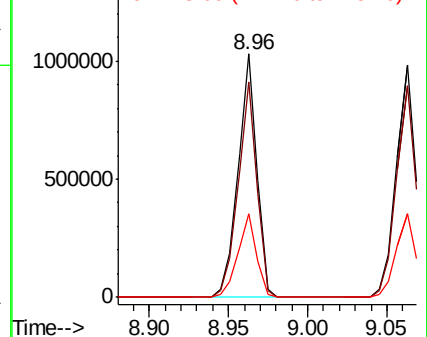
142 100

141 88.6 71.4 107.2

115 34.1 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: 38.575 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

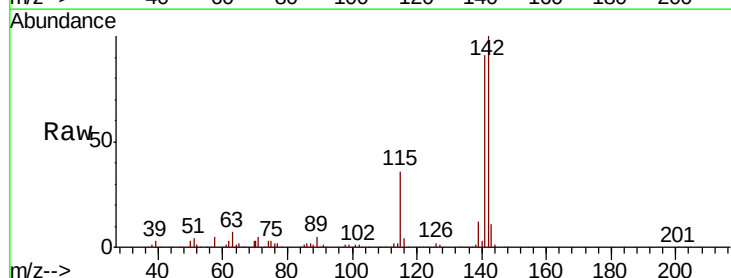
Tgt Ion:142 Resp: 822753

Ion Ratio Lower Upper

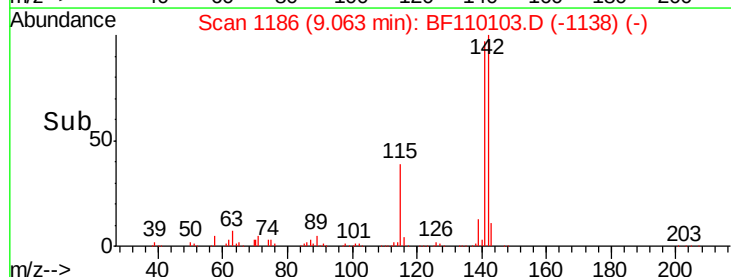
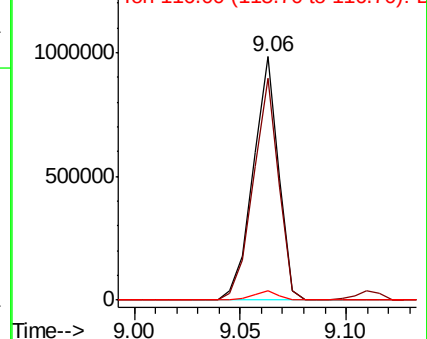
142 100

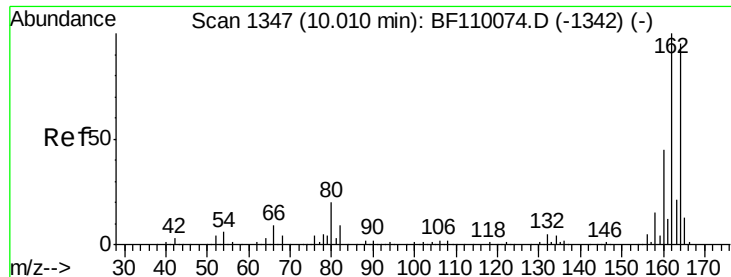
141 91.0 74.2 111.4

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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampleId :

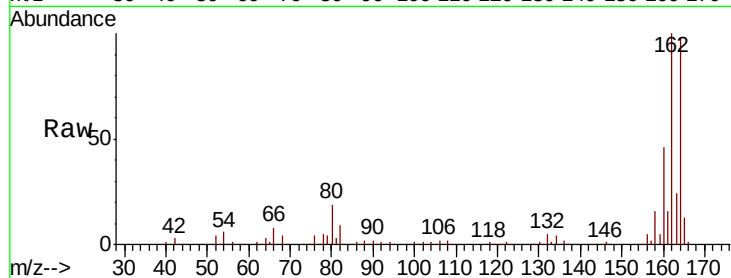
Tot Ion:164 Resp: 353214

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.6

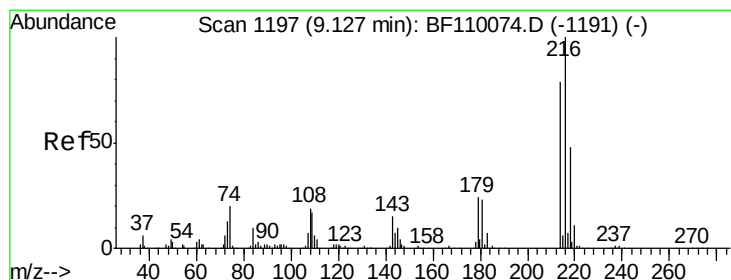
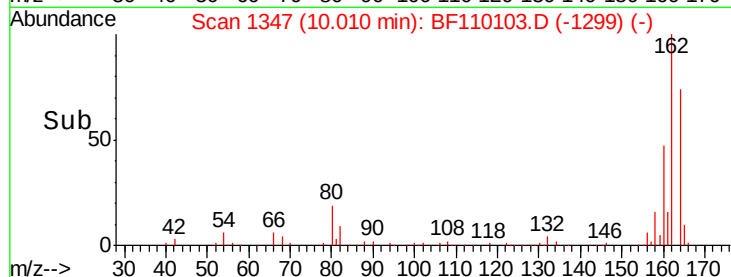
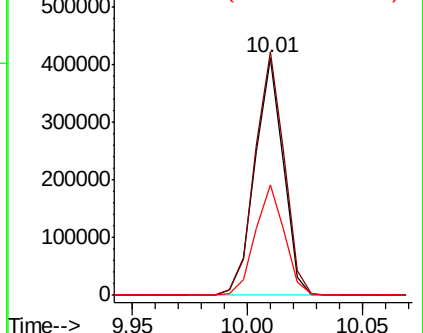
160 46.8 37.0 55.6



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: 37.696 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Tgt Ion:216 Resp: 414855

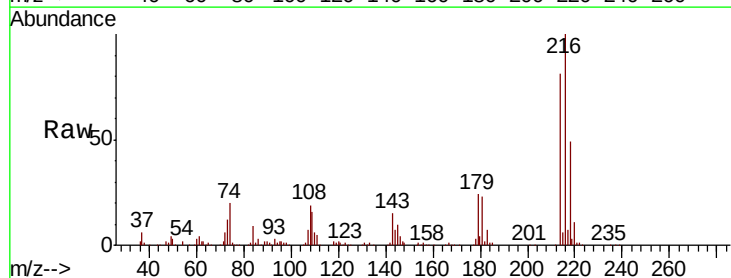
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 23.2 16.6 25.0

108 20.1 15.1 22.7

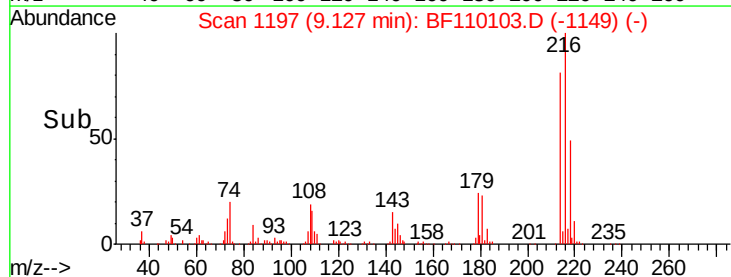
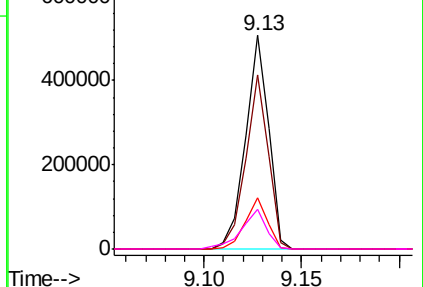


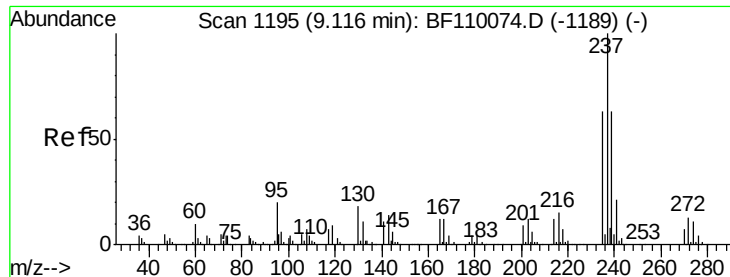
Abundance Ion 216.00 (215.70 to 216.70): E

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

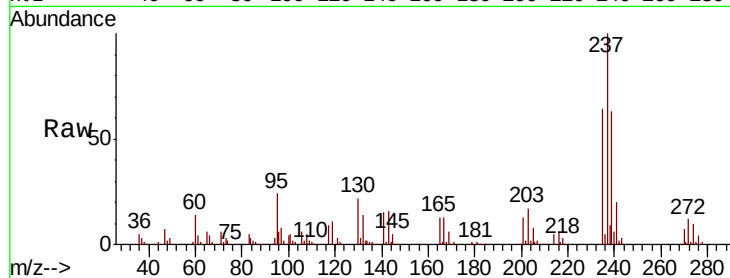




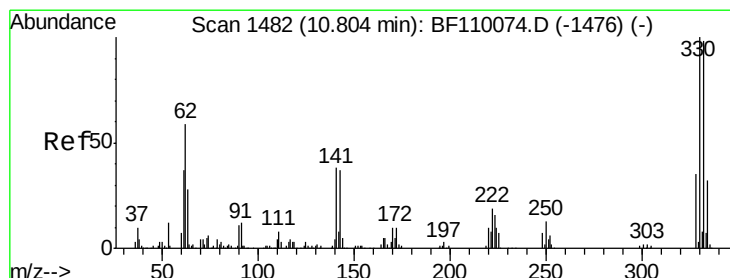
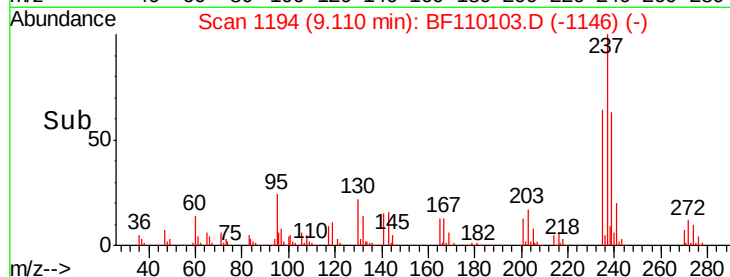
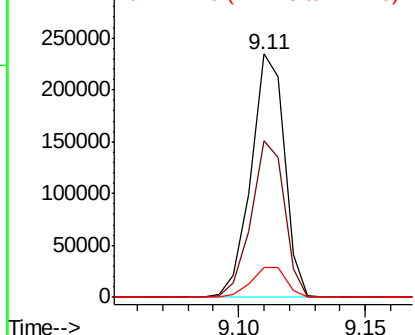
#41
Hexachlorocyclopentadiene
Concen: 38.437 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.4	43.1	83.1
272	12.3	0.0	32.6

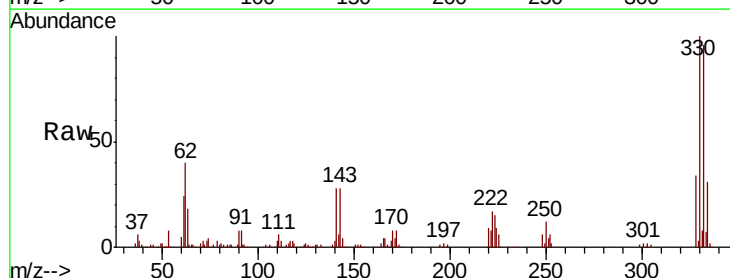


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

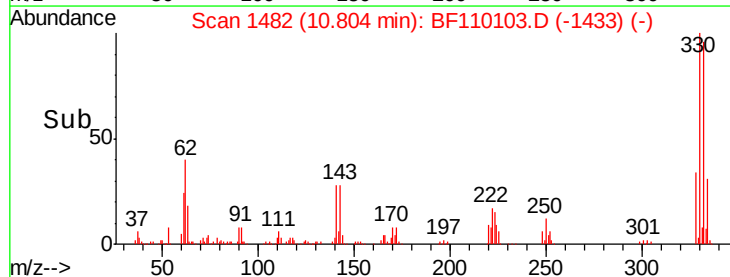
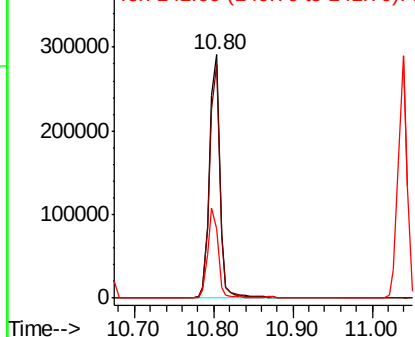


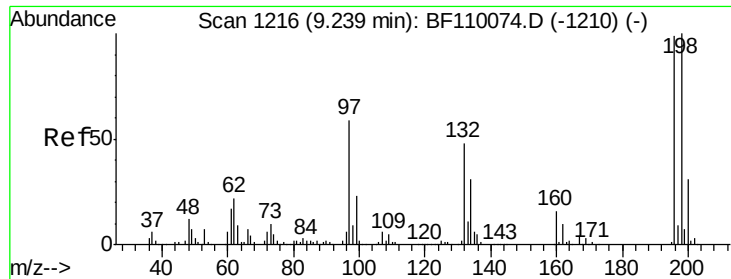
#42
2,4,6-Tribromophenol
Concen: 76.641 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.1	115.7
141	36.7	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

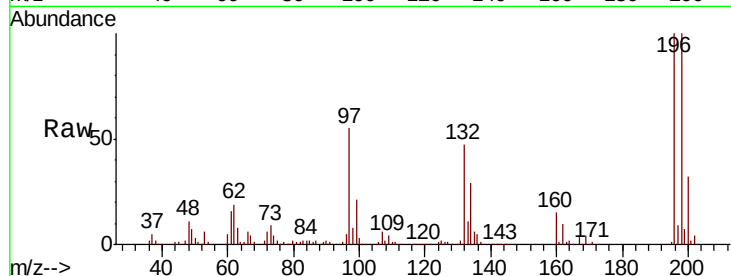




#43
 2,4,6-Trichlorophenol
 Concen: 38.189 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	76.2	114.4
200	32.4	24.4	36.6

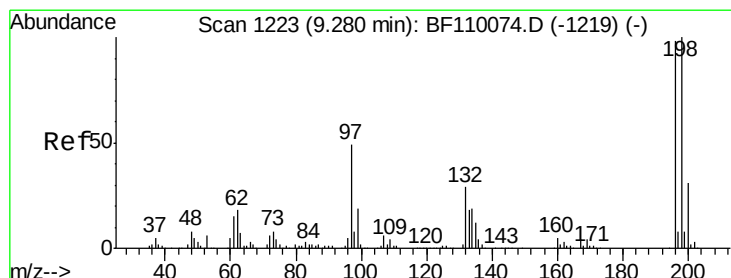
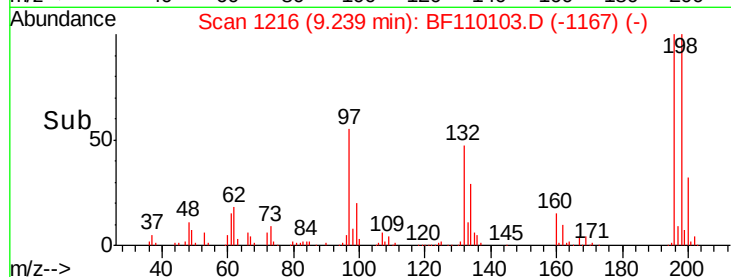
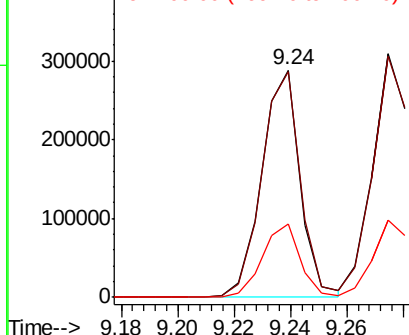


Abundance

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: 39.009 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	75.8	113.6
97	55.2	42.4	63.6
132	30.9	22.8	34.2

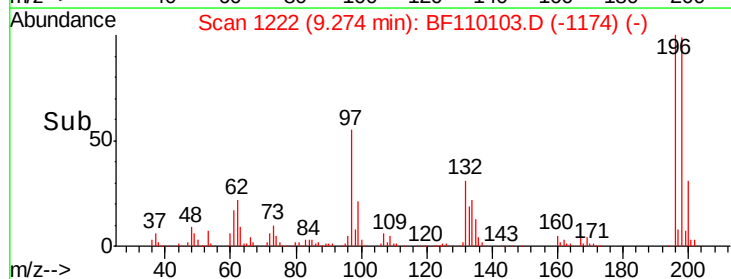
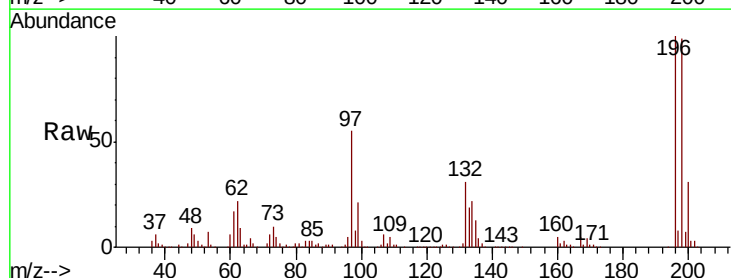
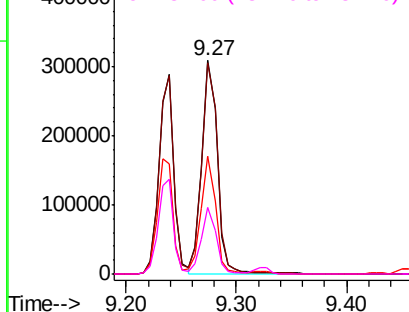
Abundance

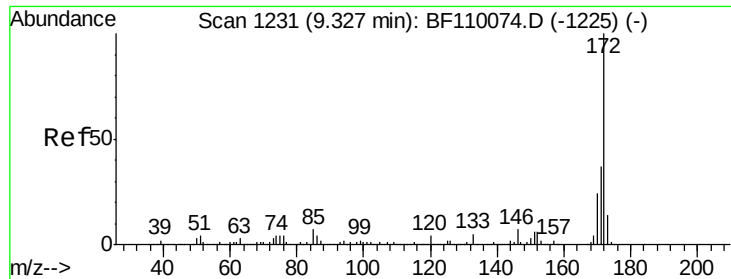
Ion 196.00 (195.70 to 196.70): E

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

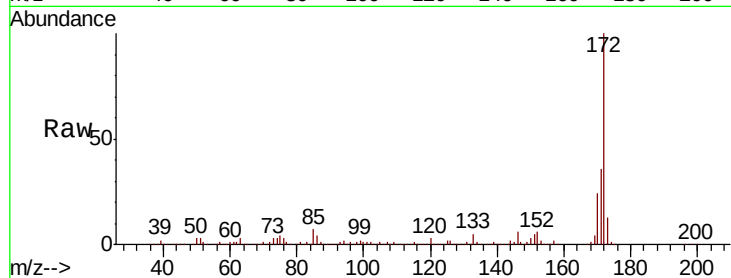




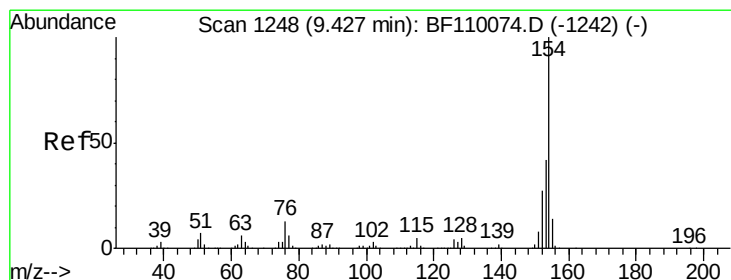
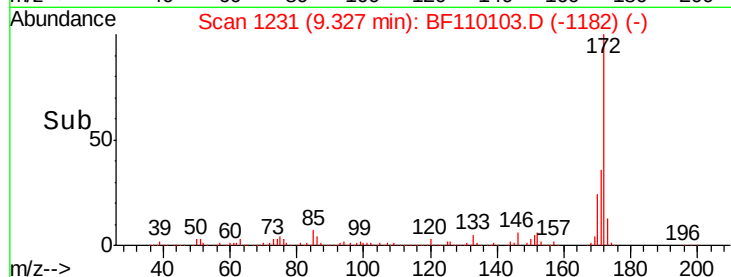
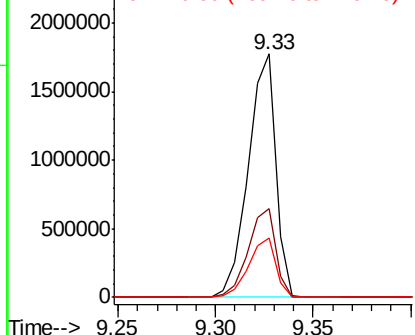
#45
2-Fluorobiphenyl
Concen: 77.041 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1732970
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.2 19.7 29.5

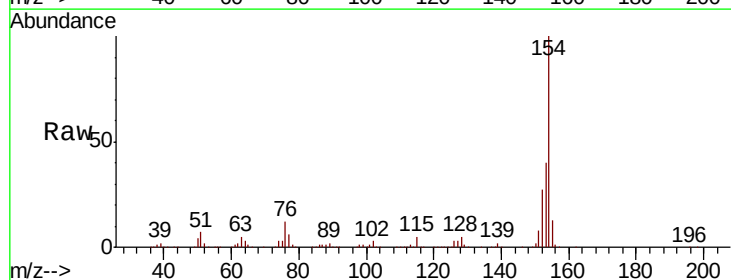


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

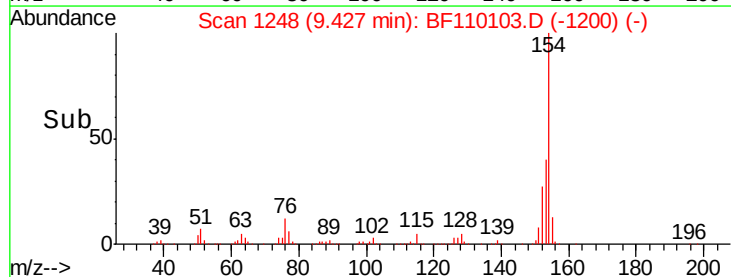
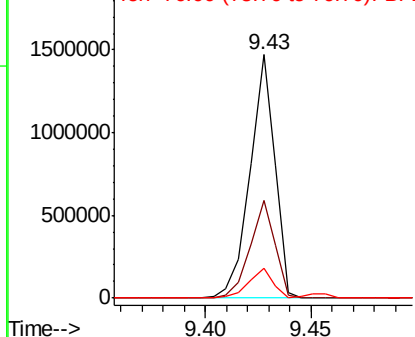


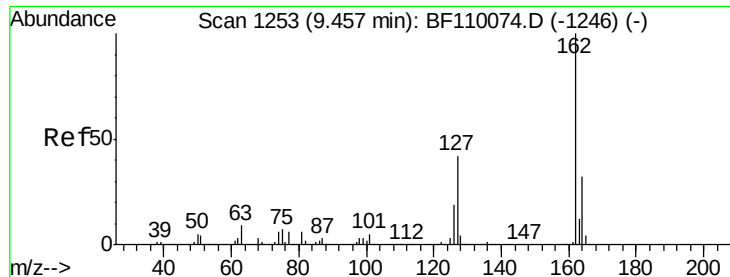
#46
1,1'-Biphenyl
Concen: 37.773 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion:154 Resp: 1206501
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 12.0 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

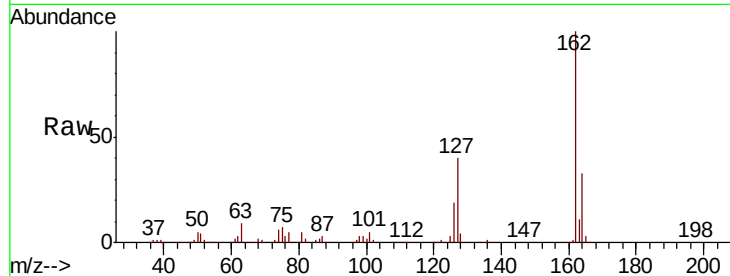




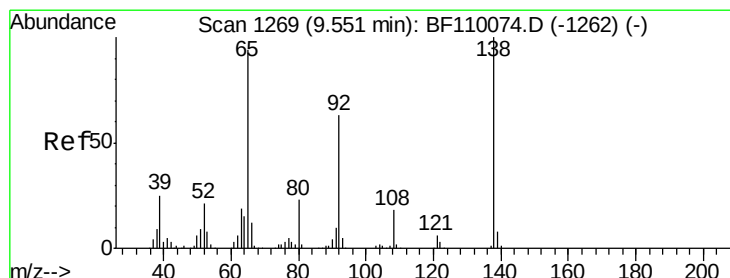
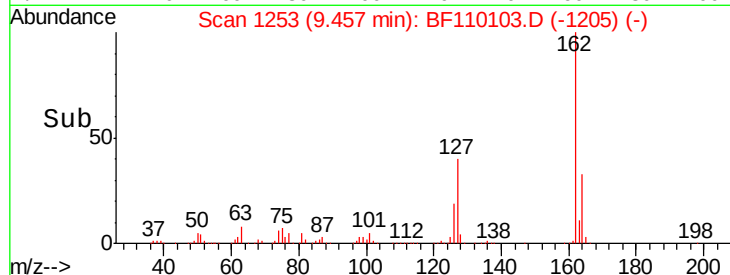
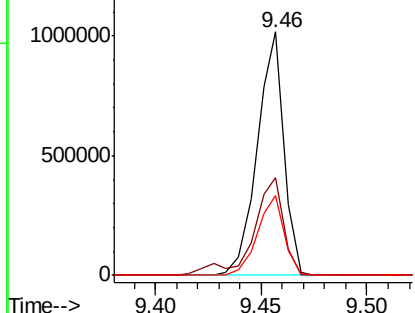
#47
 2-Chloronaphthalene
 Concen: 38.062 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	891772
Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.6	48.8
164	32.7	25.9	38.9

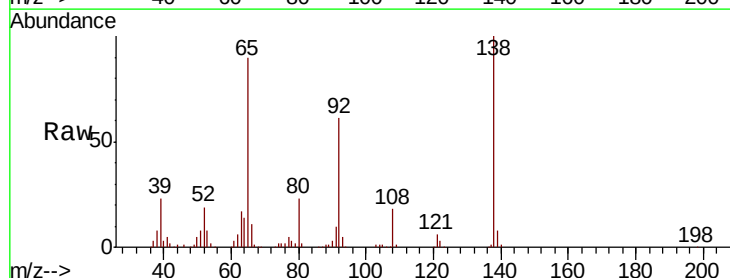


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

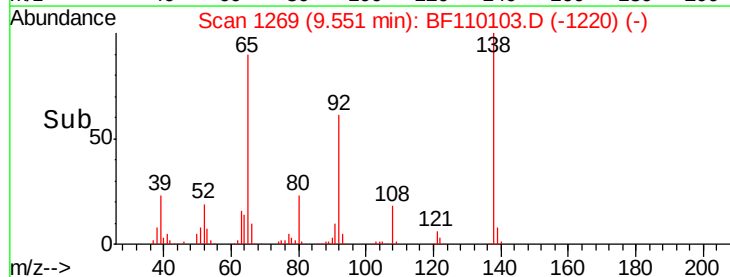
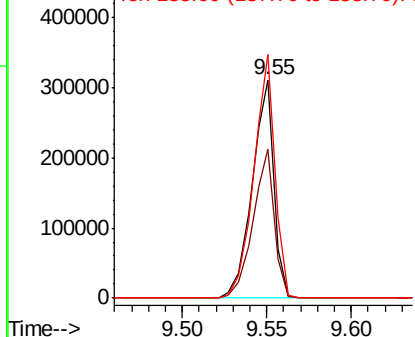


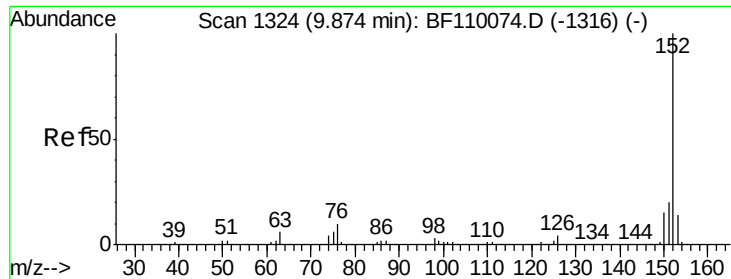
#48
 2-Nitroaniline
 Concen: 39.353 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Tgt Ion:	65	Resp:	279405
Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.6	81.8
138	111.5	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: 38.066 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

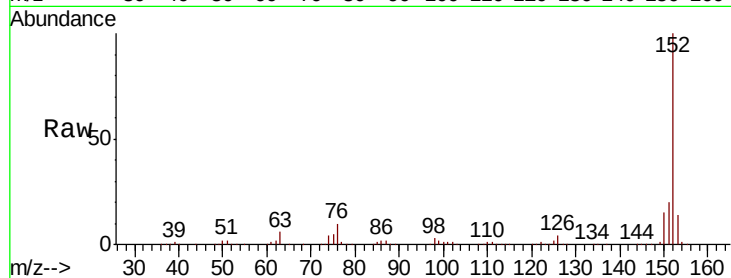
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1288193

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	14.2	10.4	15.6

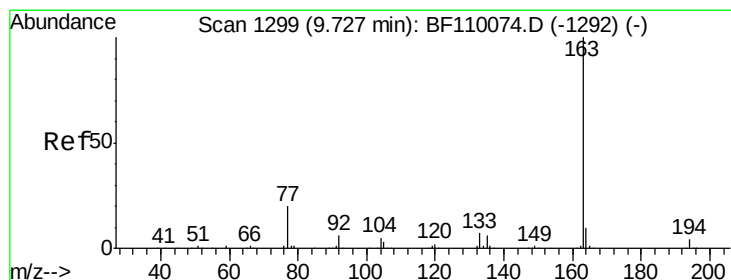
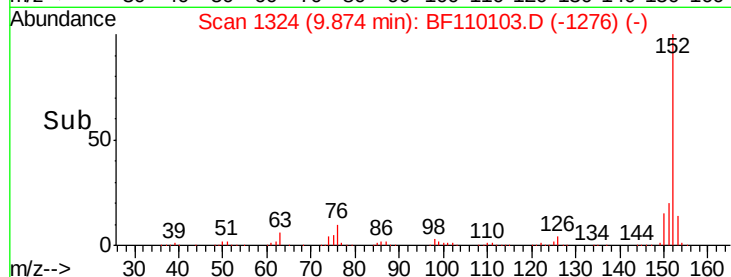
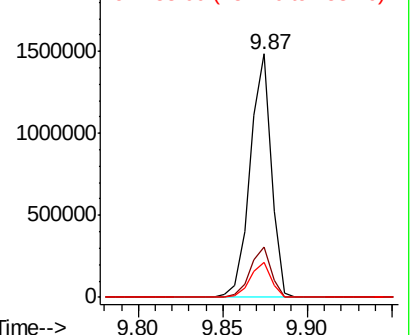


Abundance

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: 37.907 ng

RT: 9.73 min Scan# 1299

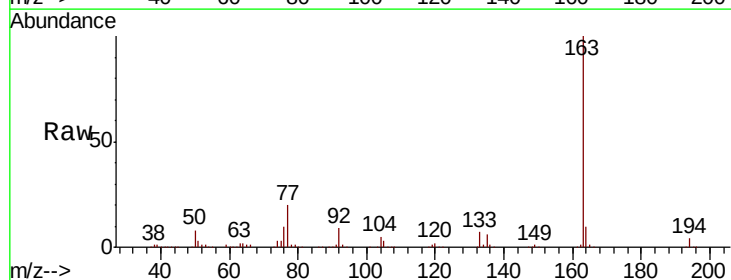
Delta R.T. -0.01 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Tgt Ion:163 Resp: 988363

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.0	8.1	12.1

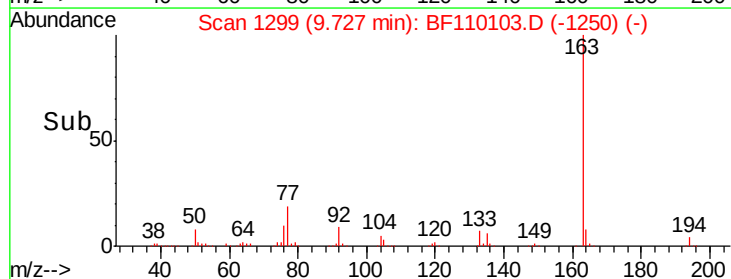
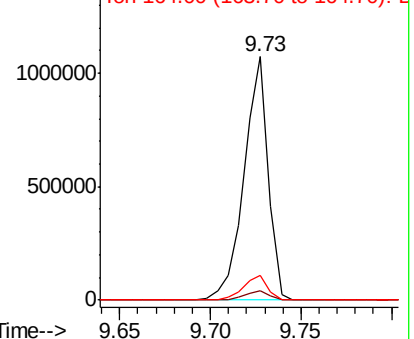


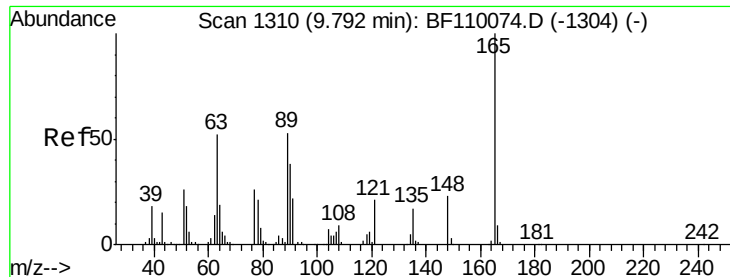
Abundance

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

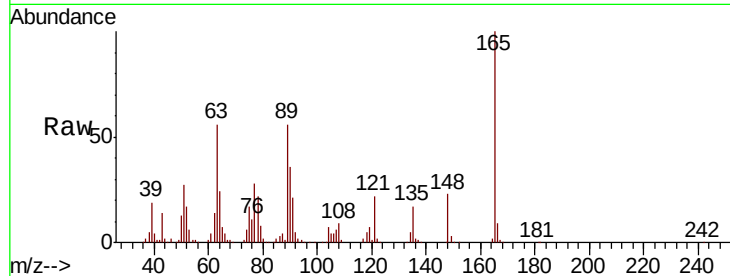




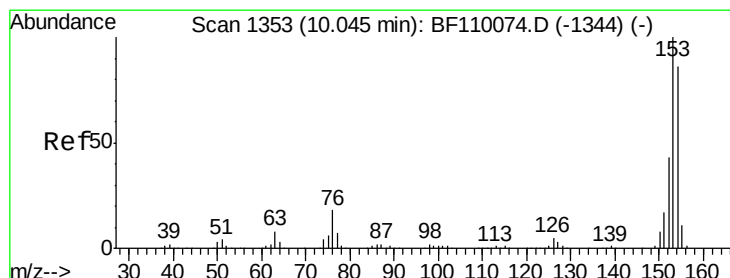
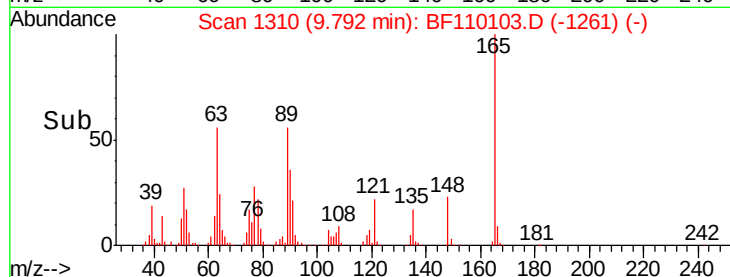
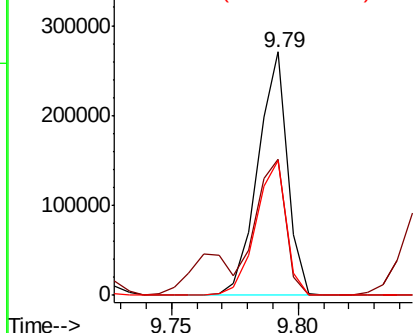
#51
 2,6-Dinitrotoluene
 Concen: 39.140 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 219824
 Ion Ratio Lower Upper
 165 100
 63 56.0 48.9 73.3
 89 55.6 46.6 69.8

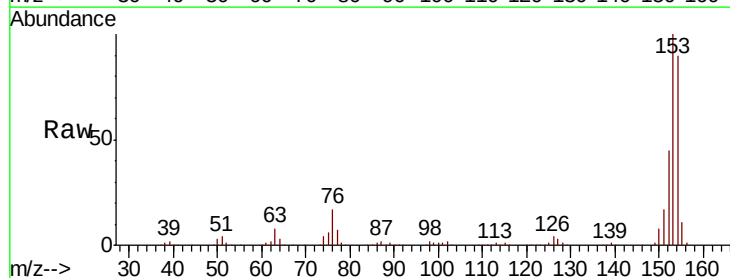


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

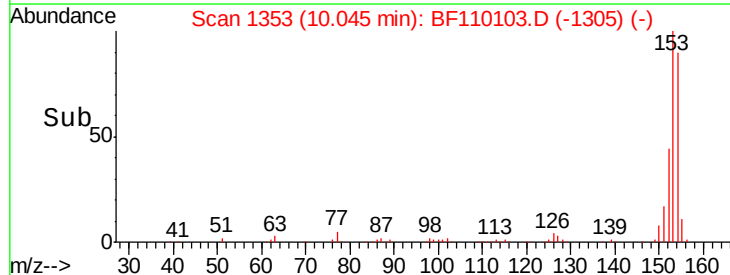
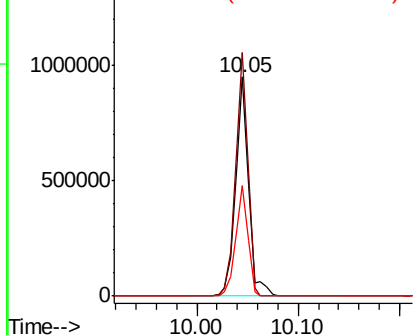


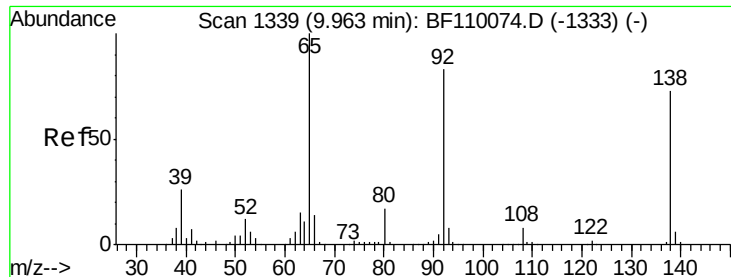
#52
 Acenaphthene
 Concen: 37.784 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Tgt Ion:154 Resp: 845869
 Ion Ratio Lower Upper
 154 100
 153 111.3 90.1 135.1
 152 50.4 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

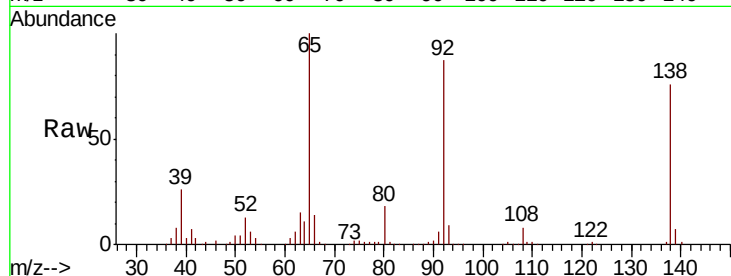




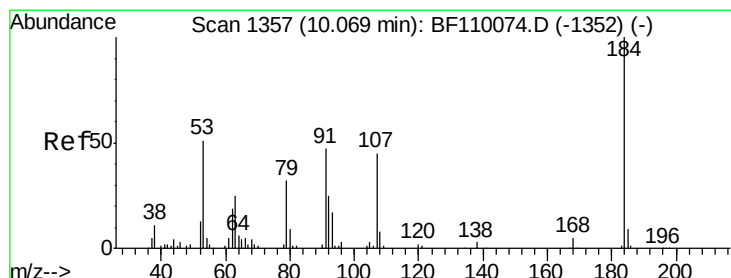
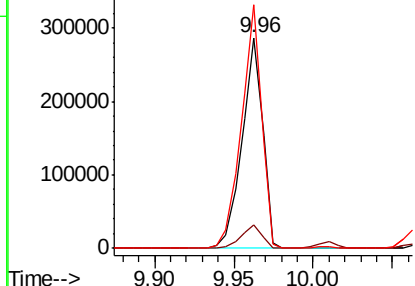
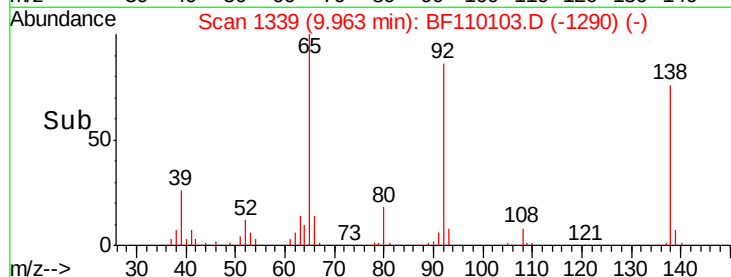
#53
 3-Nitroaniline
 Concen: 38.609 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 257865
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.7 13.1
 92 115.4 97.0 145.4

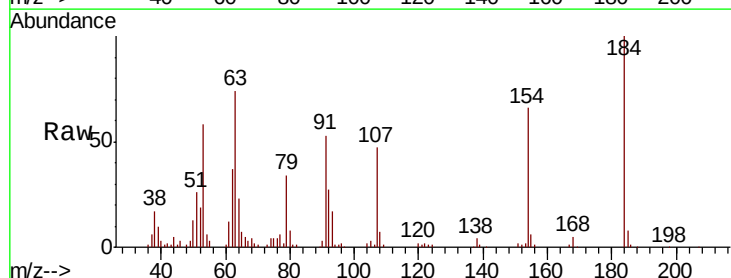


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

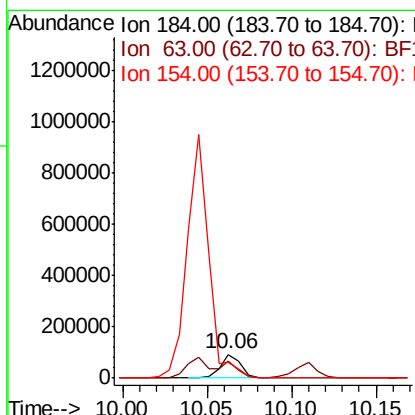
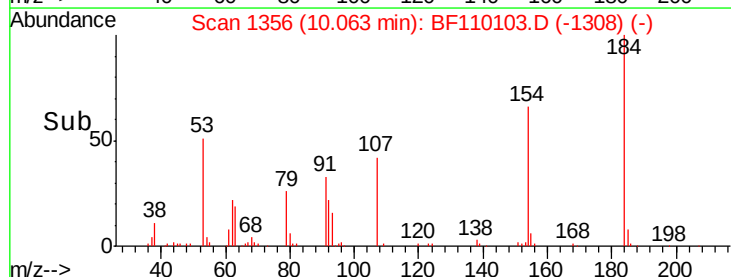


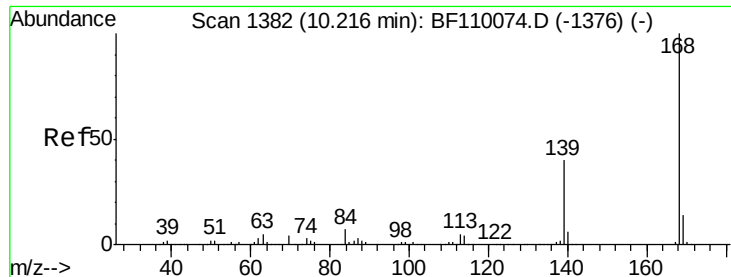
#54
 2,4-Dinitrophenol
 Concen: 36.951 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Tgt Ion:184 Resp: 75727
 Ion Ratio Lower Upper
 184 100
 63 73.5 55.8 83.6
 154 66.0 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

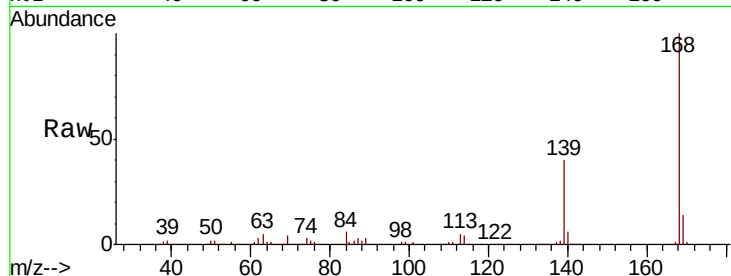




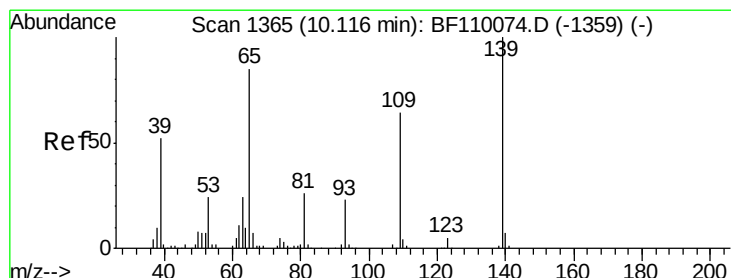
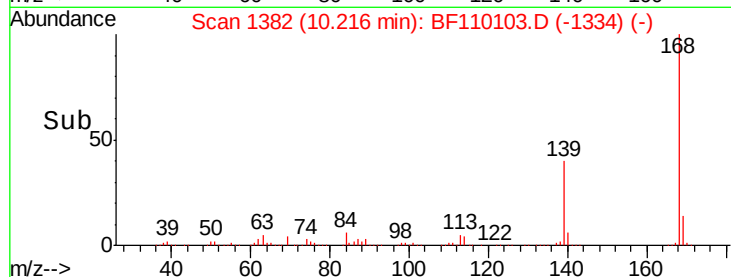
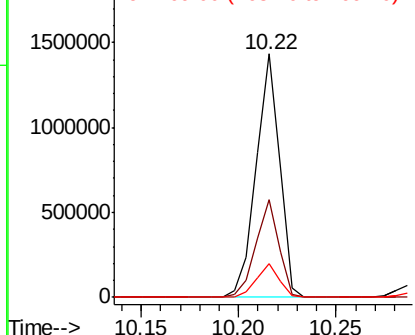
#55
Dibenzenofuran
Concen: 38.138 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1195392
Ion Ratio Lower Upper
168 100
139 40.0 33.0 49.6
169 13.9 11.3 16.9

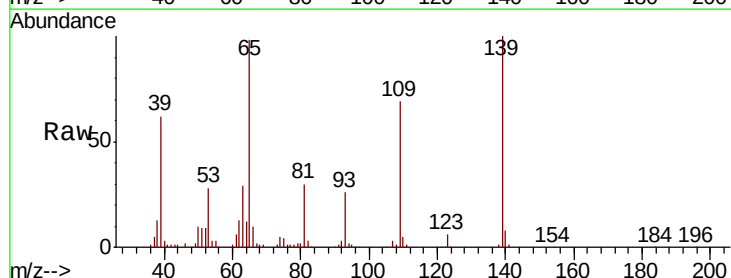


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

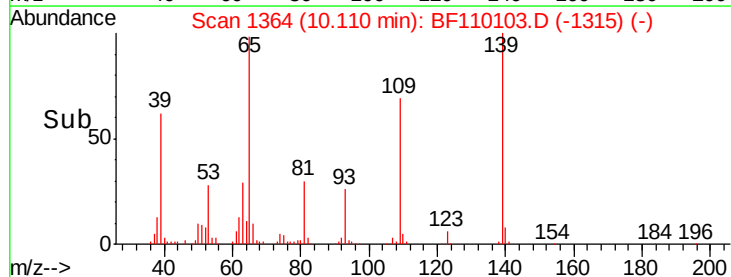
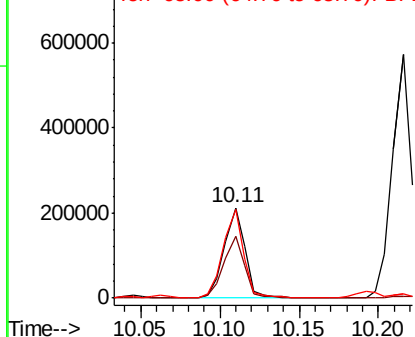


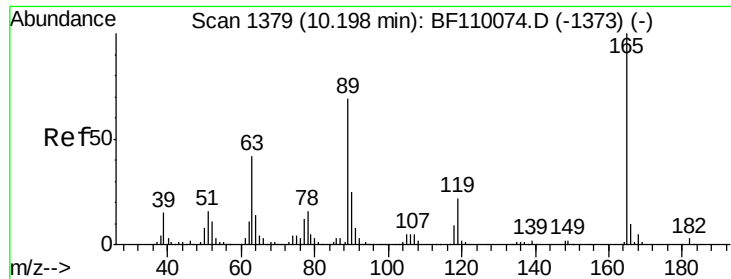
#56
4-Nitrophenol
Concen: 39.826 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion:139 Resp: 196866
Ion Ratio Lower Upper
139 100
109 69.3 55.8 95.8
65 98.4 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

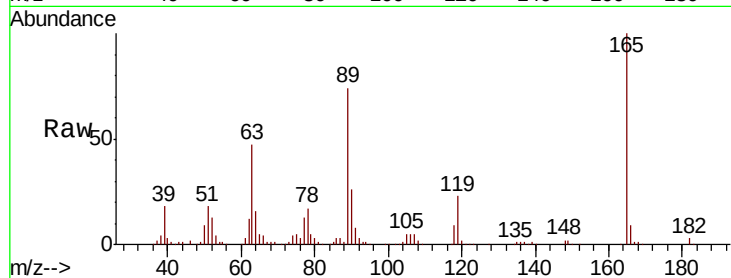




#57
2,4-Dinitrotoluene
Concen: 41.671 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.3	44.8	67.2
89	74.0	62.2	93.4
182	2.8	2.1	3.1



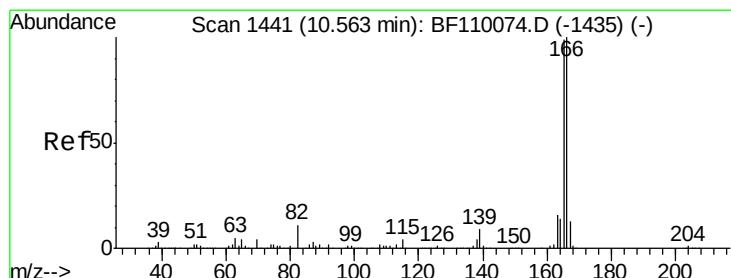
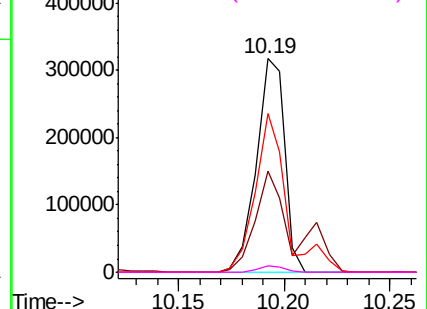
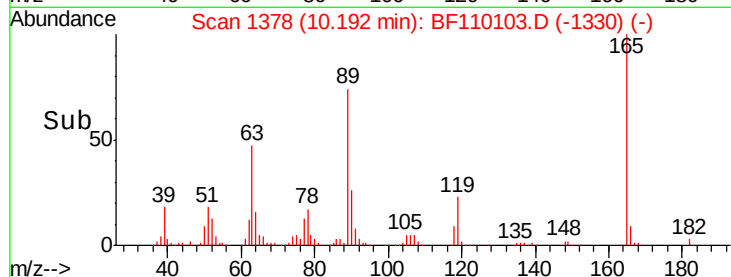
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

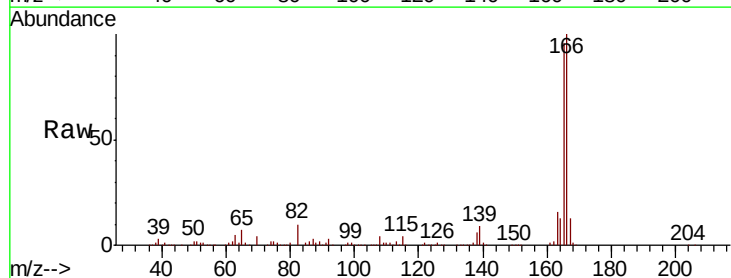
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.634 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	78.6	117.8
167	12.9	10.8	16.2

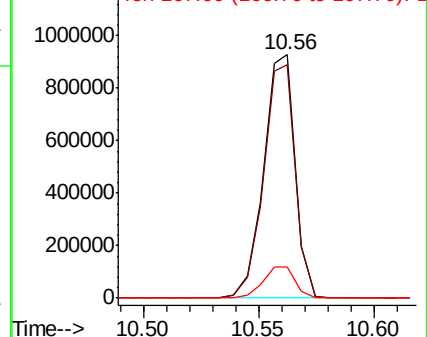
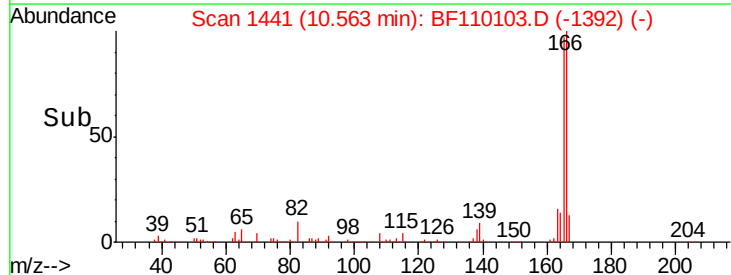


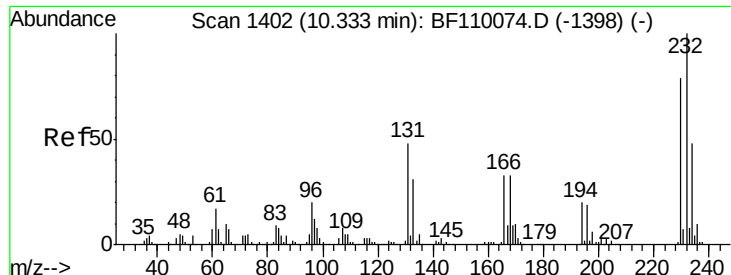
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

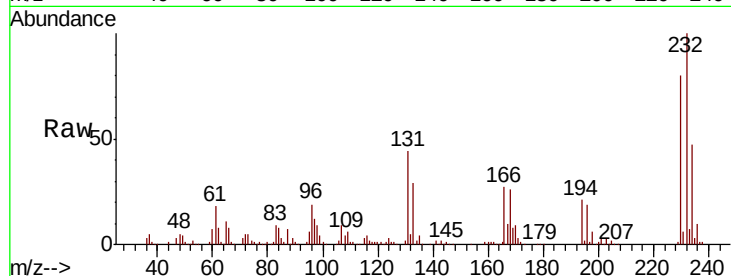




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.354 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.06 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	37.0	55.4
130	2.4	1.8	2.6
166	26.8	22.0	33.0



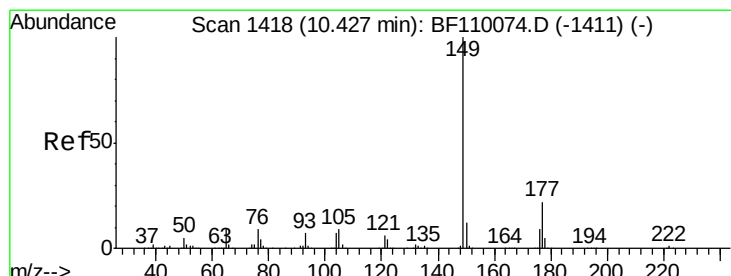
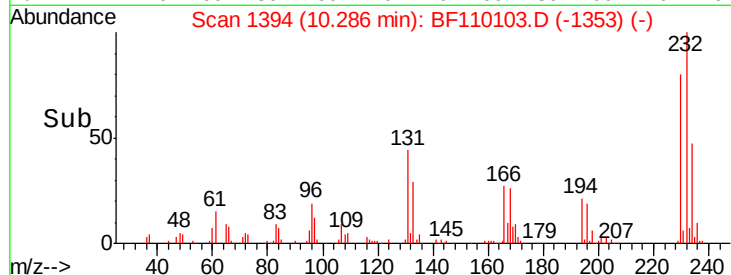
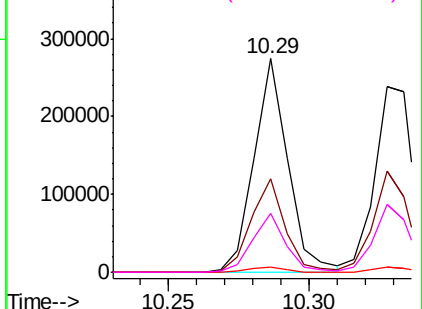
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

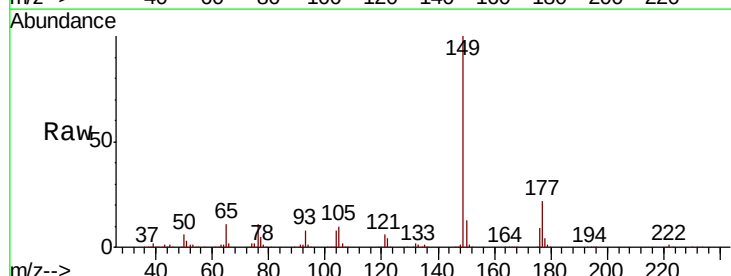
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.081 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.5	9.8	14.8

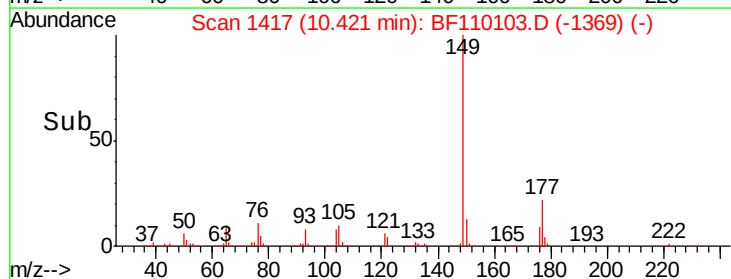
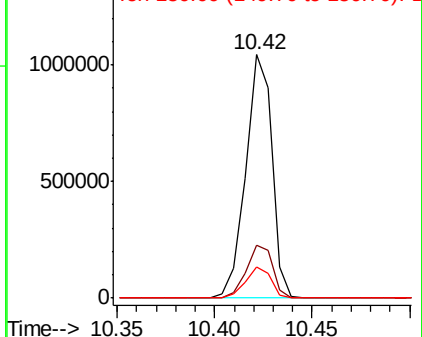


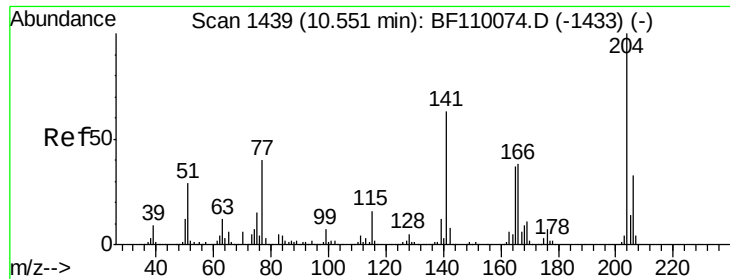
Abundance

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

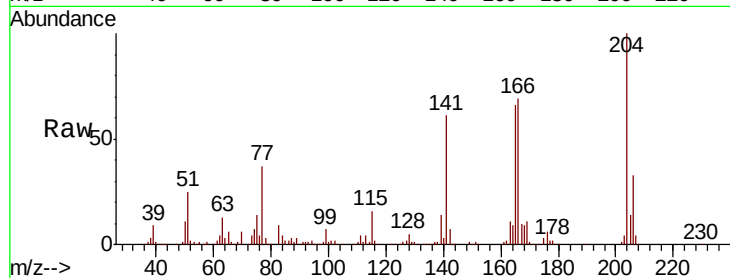




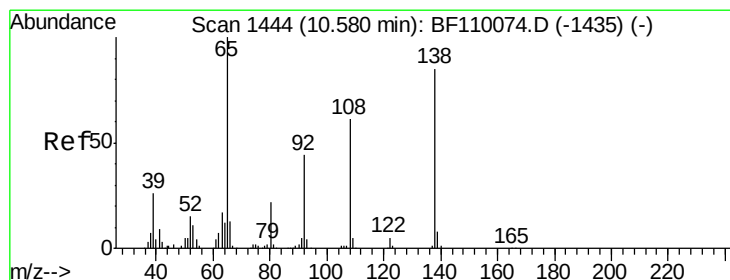
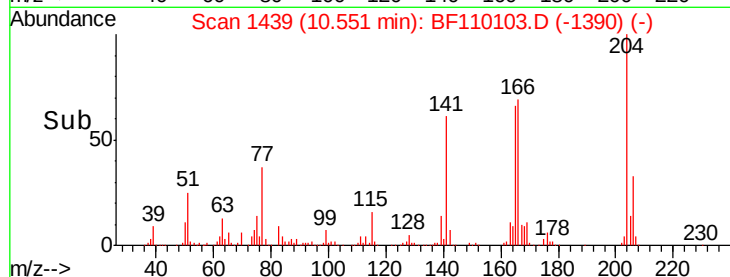
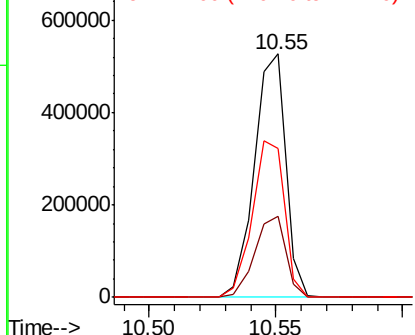
#61
4-Chlorophenyl-phenylether
Concen: 37.203 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 457823
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 61.1 51.8 77.8

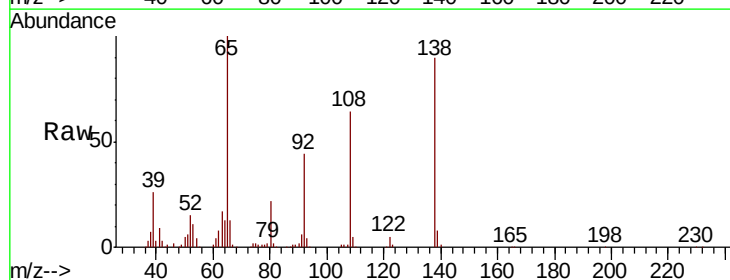


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

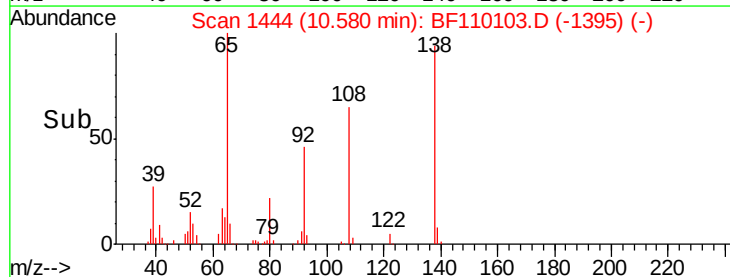
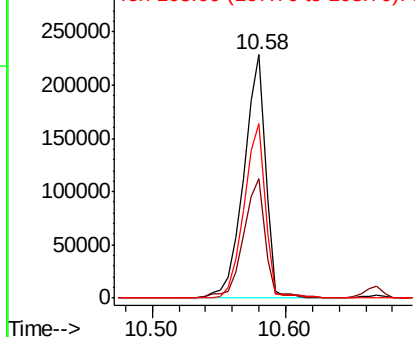


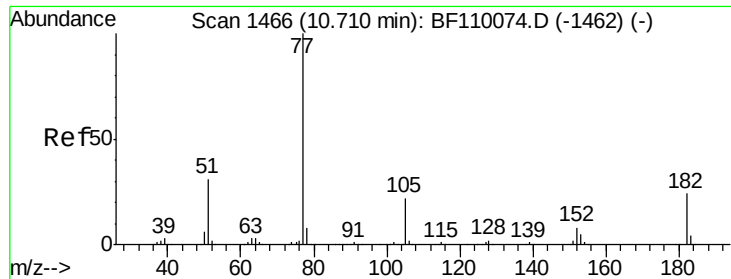
#62
4-Nitroaniline
Concen: 38.747 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion:138 Resp: 257387
Ion Ratio Lower Upper
138 100
92 49.0 31.7 71.7
108 71.5 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

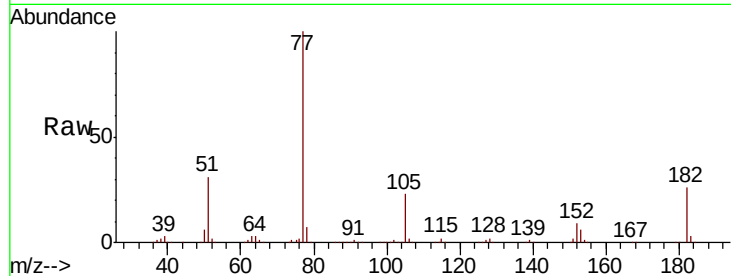




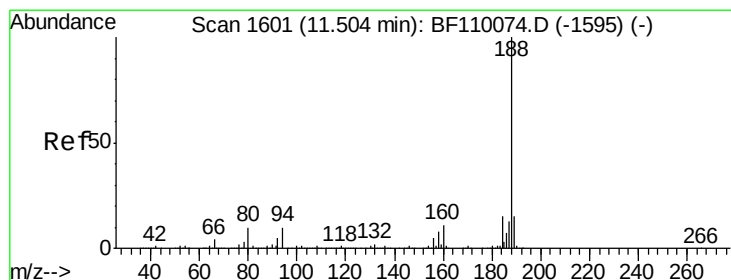
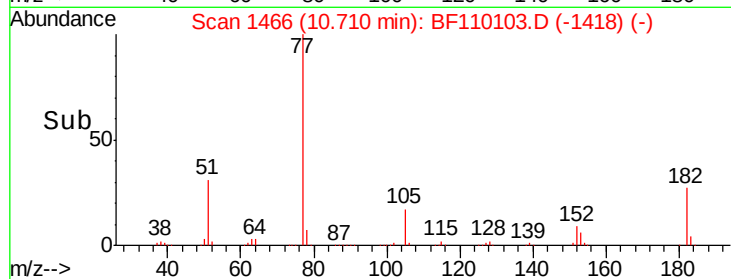
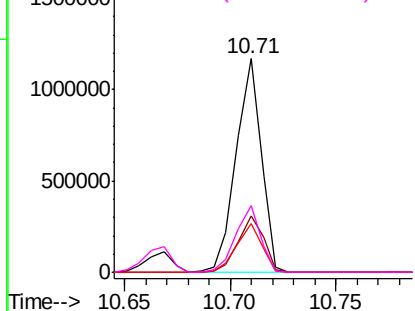
#63
Azobenzene
Concen: 38.087 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	962218
Ion	Ratio	Lower	Upper
77	100		
182	26.4	4.3	44.3
105	22.7	1.3	41.3
51	31.4	9.0	49.0

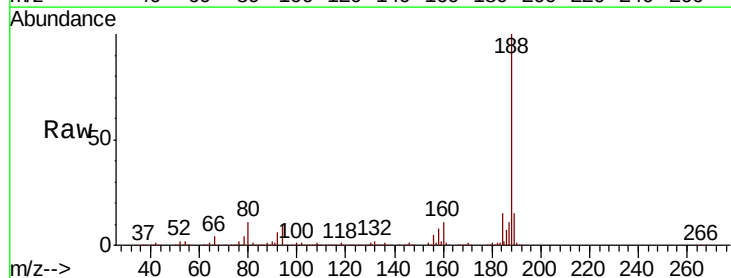


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

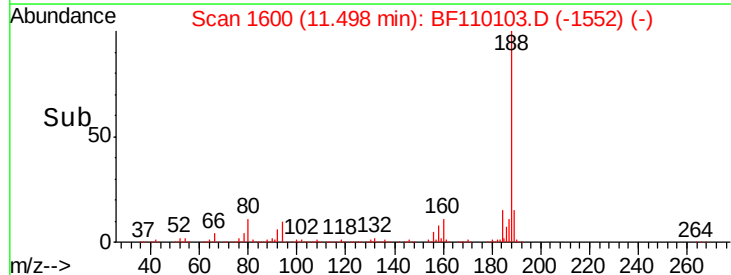
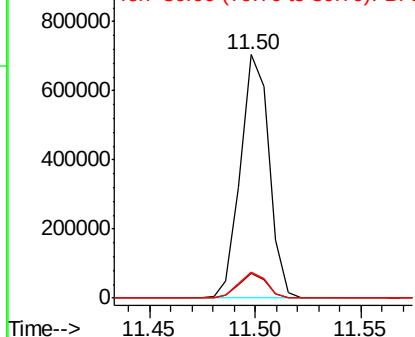


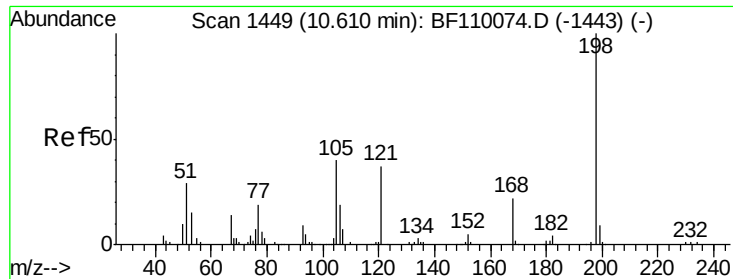
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion:	188	Resp:	663243
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.9	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.672 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampled :

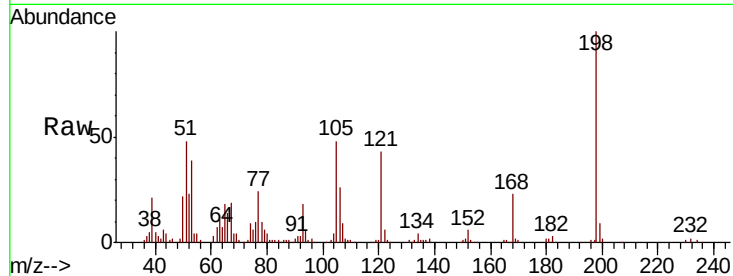
Tot Ion:198 Resp: 117184

Ion Ratio Lower Upper

198 100

51 48.5 22.8 62.8

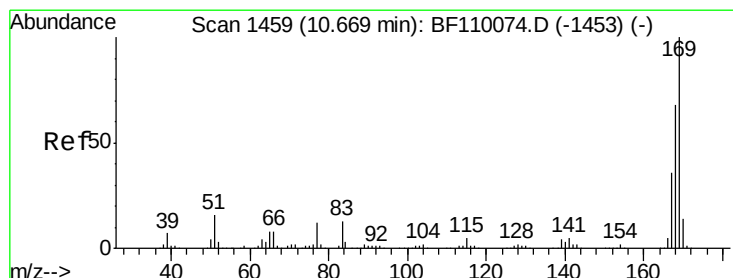
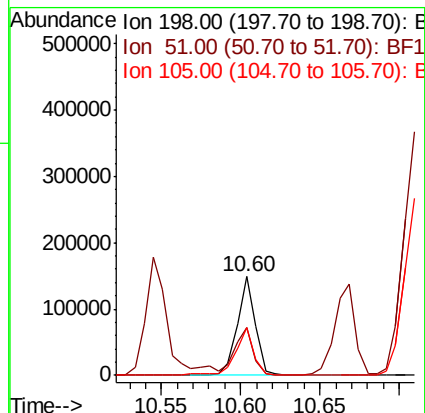
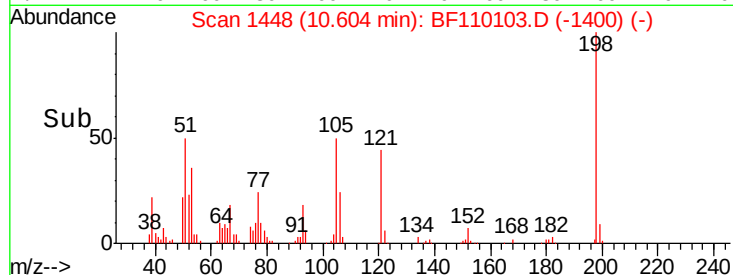
105 48.1 23.6 63.6



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: 38.681 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

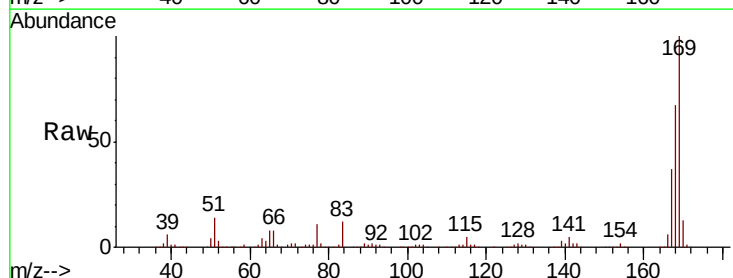
Tgt Ion:169 Resp: 841490

Ion Ratio Lower Upper

169 100

168 67.1 51.2 76.8

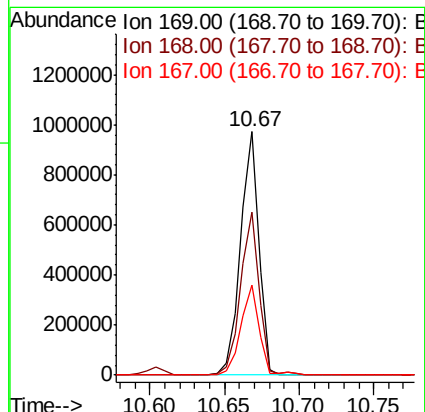
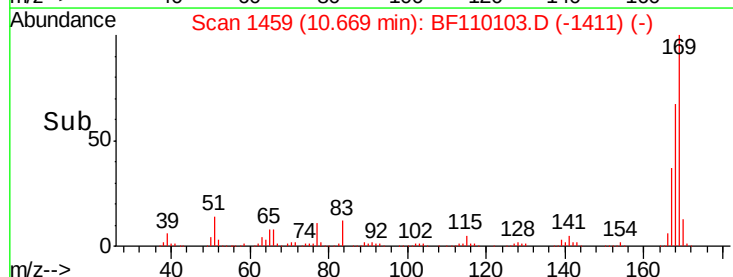
167 36.8 27.8 41.6

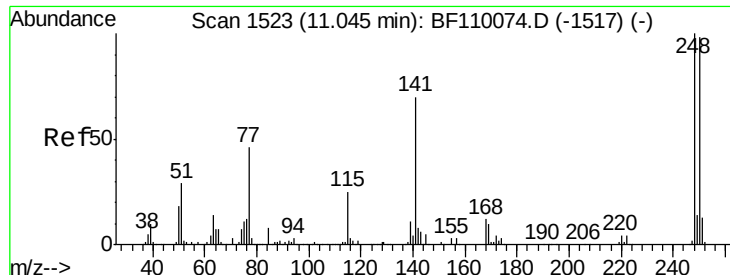


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

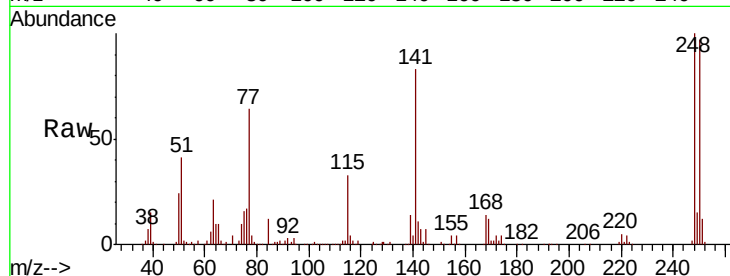




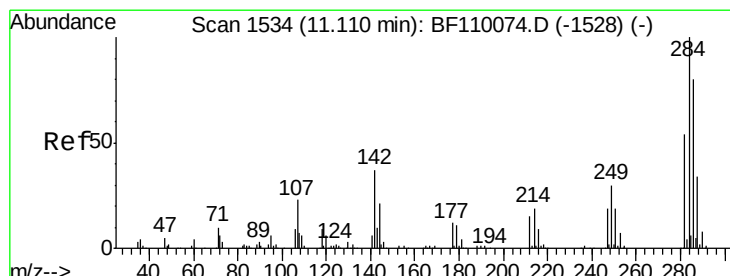
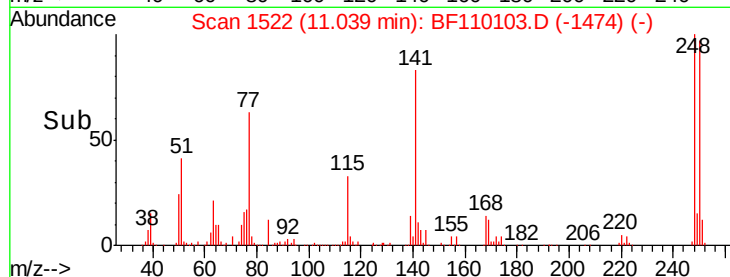
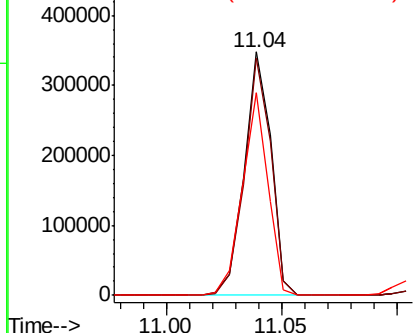
#67
4-Bromophenyl-phenylether
Concen: 39.234 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 282258
Ion Ratio Lower Upper
248 100
250 97.3 79.4 119.2
141 83.4 55.9 83.9

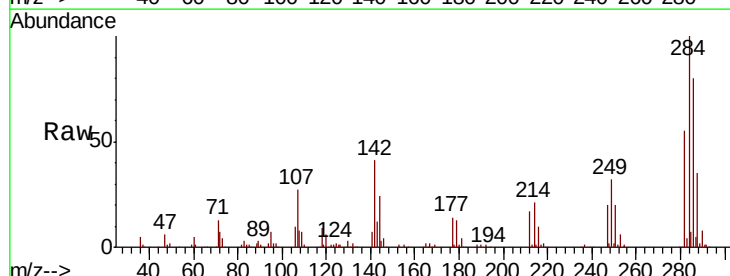


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

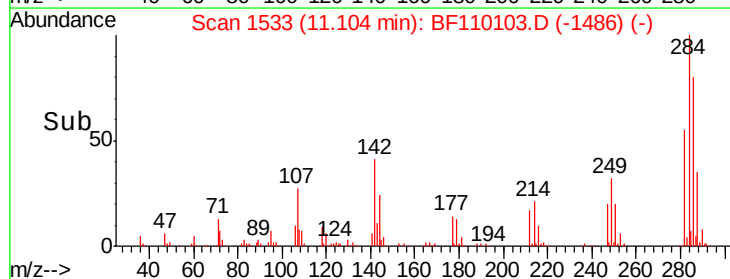
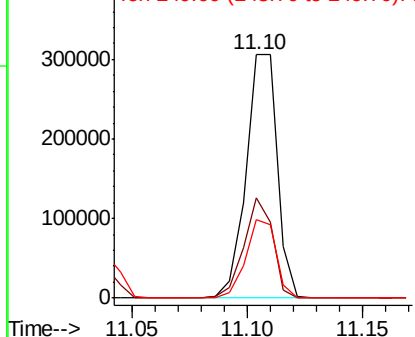


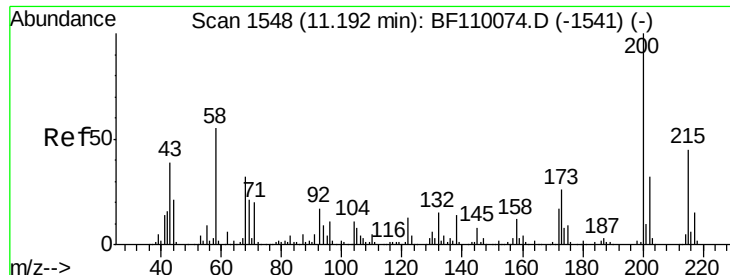
#68
Hexachlorobenzene
Concen: 38.024 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion:284 Resp: 290250
Ion Ratio Lower Upper
284 100
142 41.3 23.9 35.9#
249 32.1 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

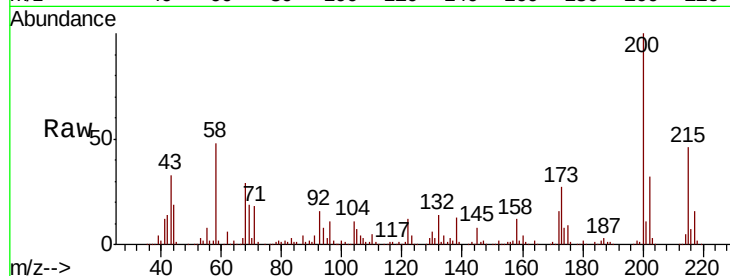




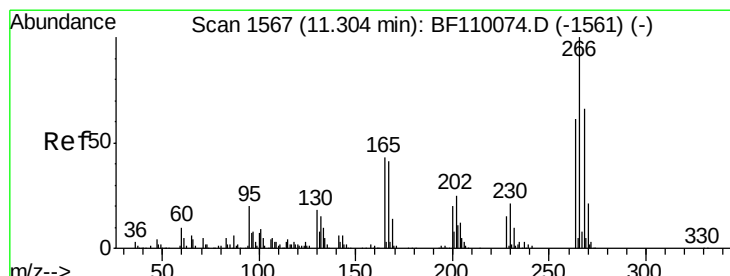
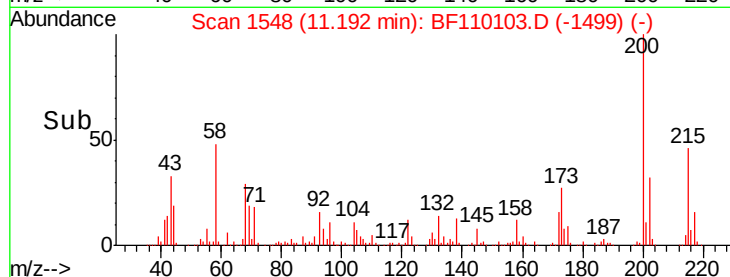
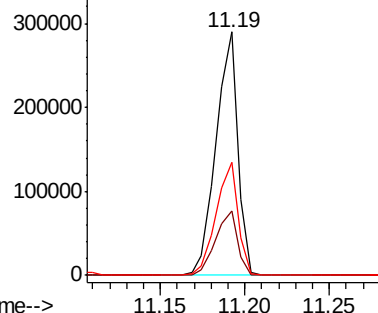
#69
Atrazine
Concen: 38.132 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.6	46.6
215	46.3	26.3	66.3

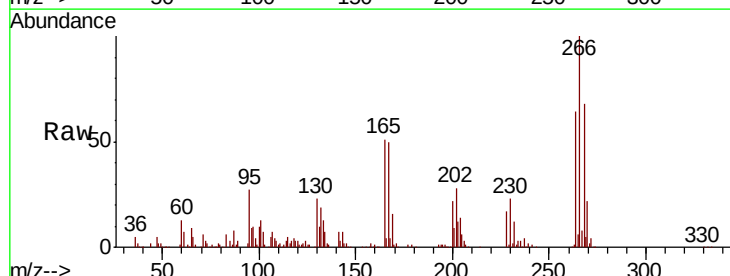


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

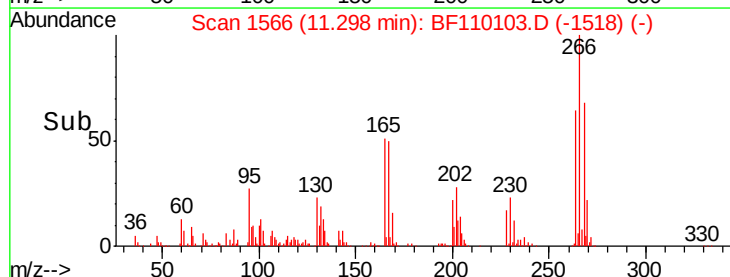
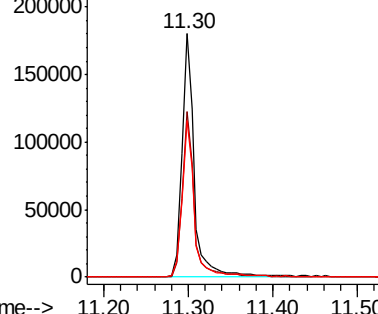


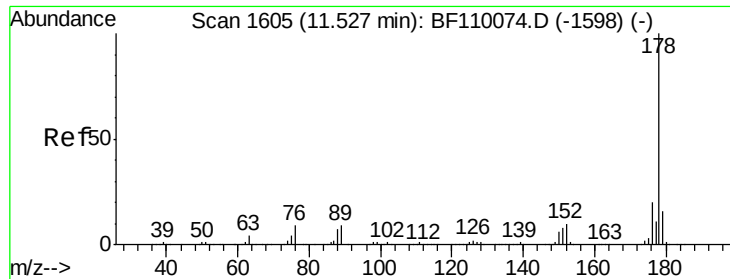
#70
Pentachlorophenol
Concen: 41.617 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	50.6	75.8
264	64.1	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

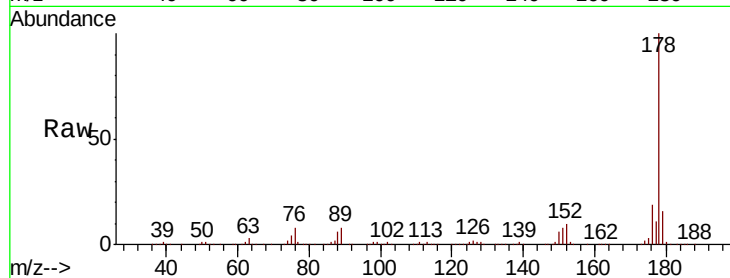




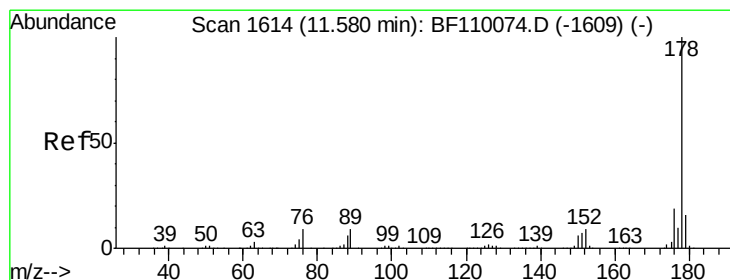
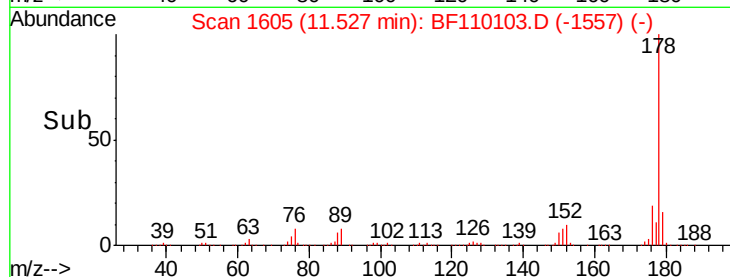
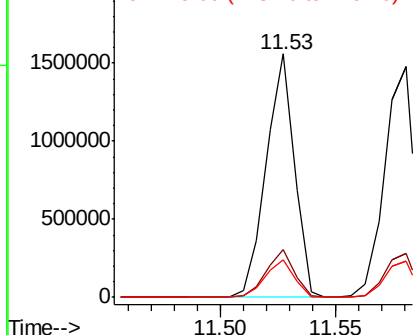
#71
 Phenanthrene
 Concen: 38.419 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1333286
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 15.5 12.5 18.7

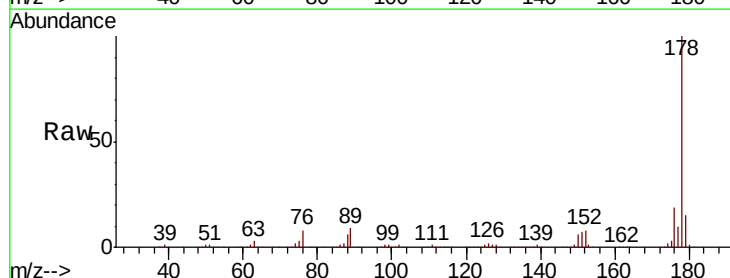


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

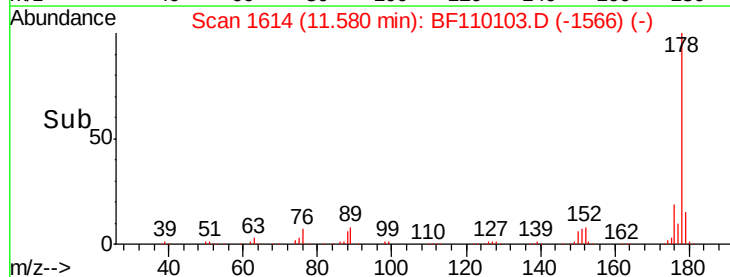
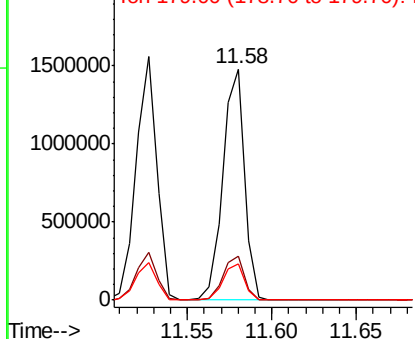


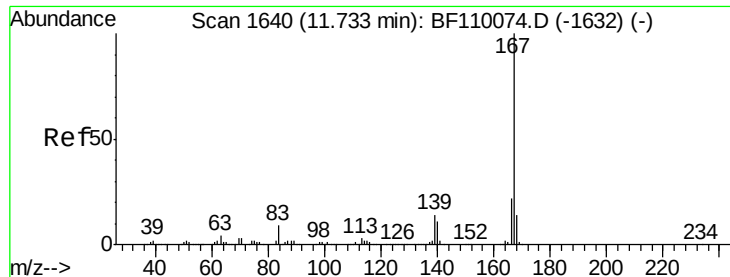
#72
 Anthracene
 Concen: 37.782 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Tgt Ion:178 Resp: 1314237
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

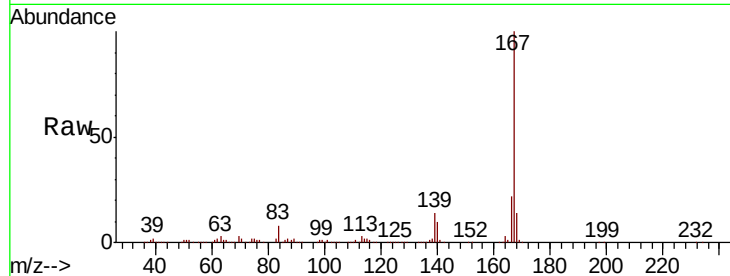




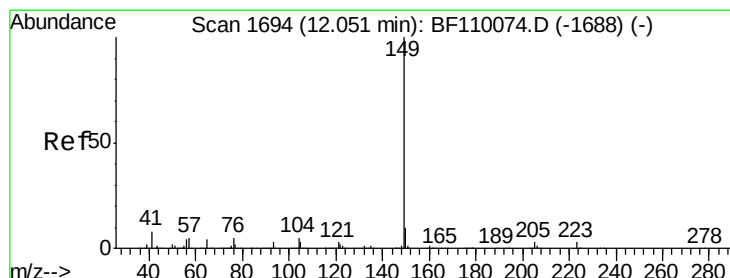
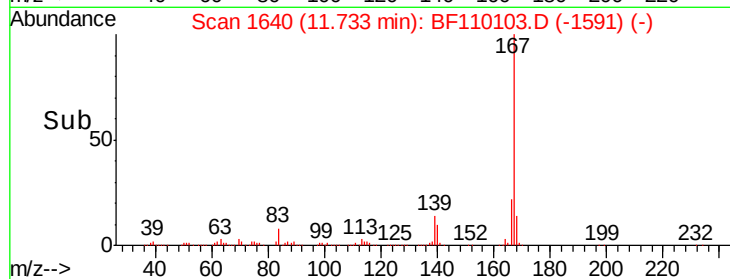
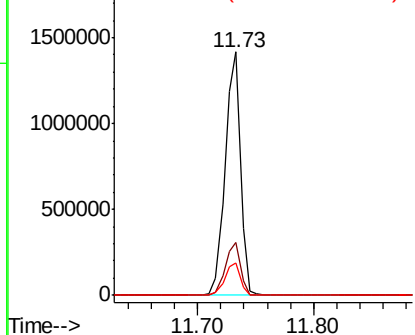
#73
 Carbazole
 Concen: 38.224 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1298240
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.6 10.9 16.3

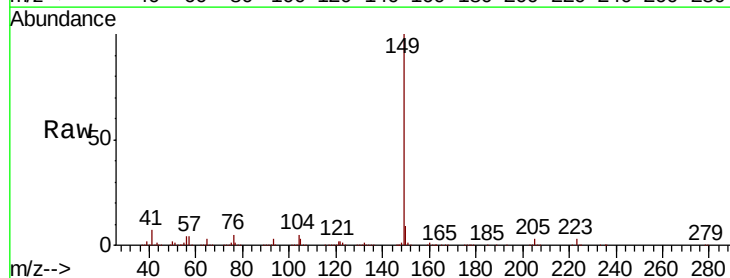


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

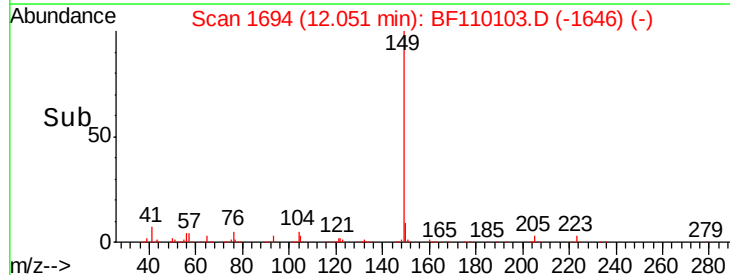
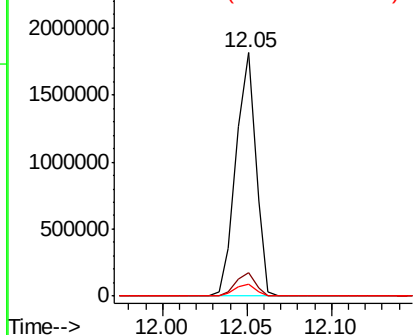


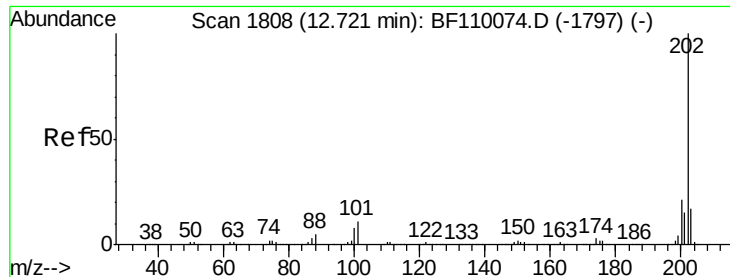
#74
 Di-n-butylphthalate
 Concen: 38.769 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

Tgt Ion:149 Resp: 1487130
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.0 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



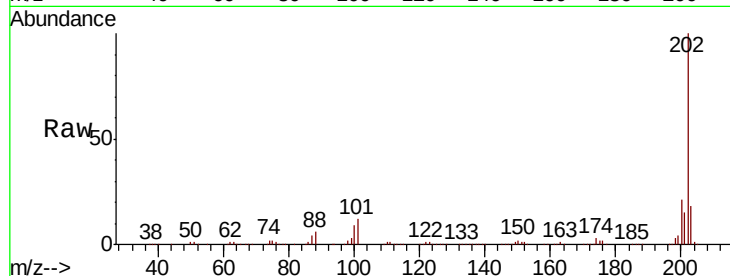


#75
 Fluoranthene
 Concen: 37.878 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

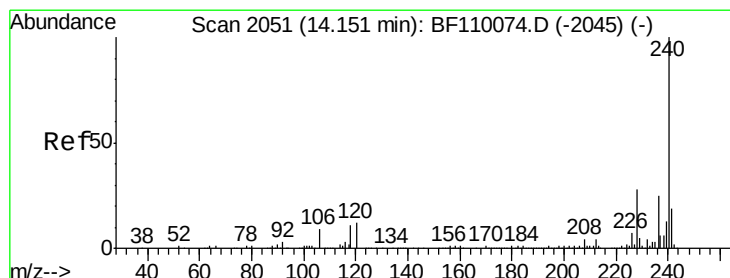
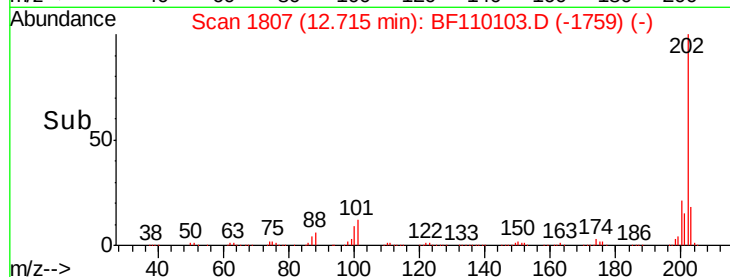
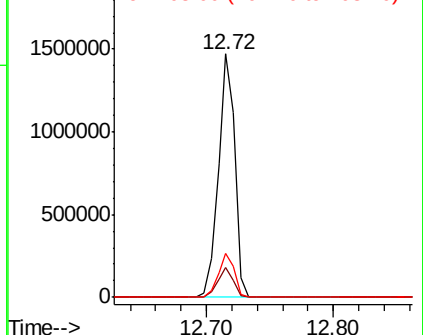
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1334078

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.4
203	18.0	0.0	37.7



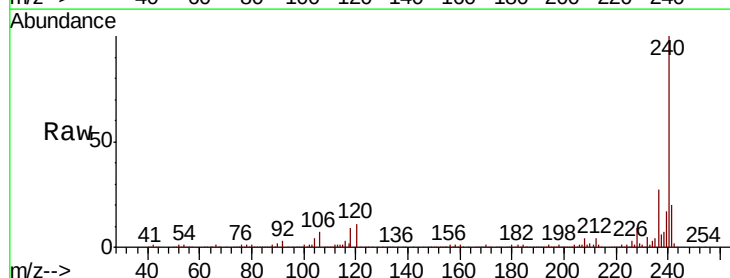
Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



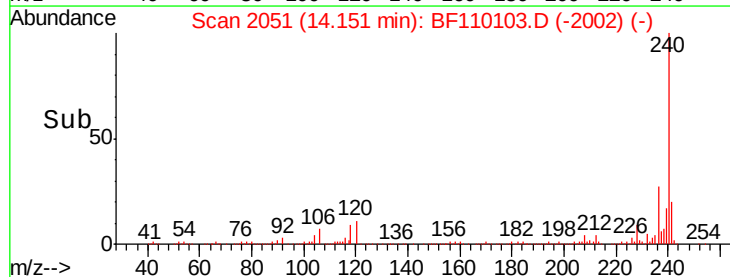
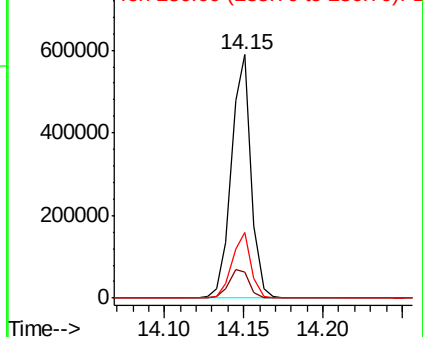
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110103.D
 Acq: 24 Oct 2018 9:49

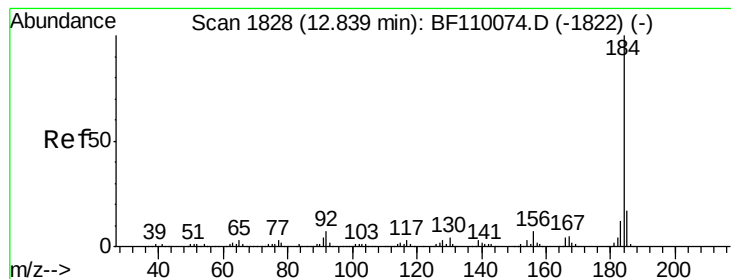
Tgt Ion:240 Resp: 504173

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	26.8	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 800000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.936 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampled :

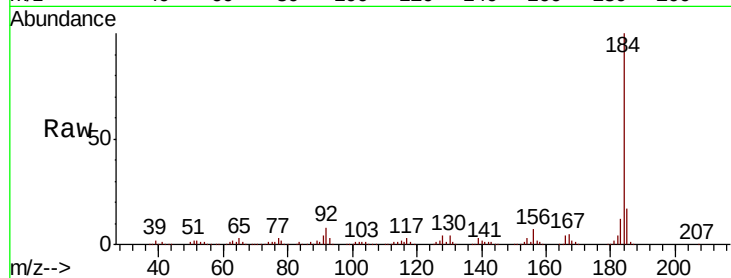
Tot Ion:184 Resp: 589703

Ion Ratio Lower Upper

184 100

185 17.2 13.4 20.2

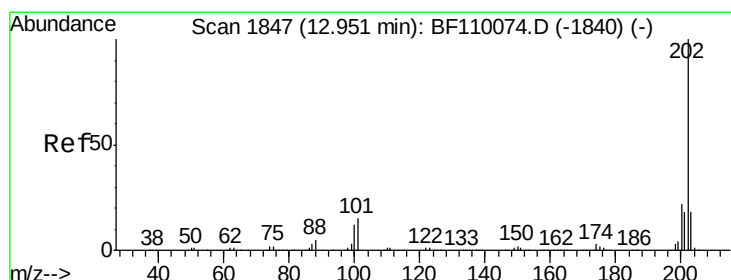
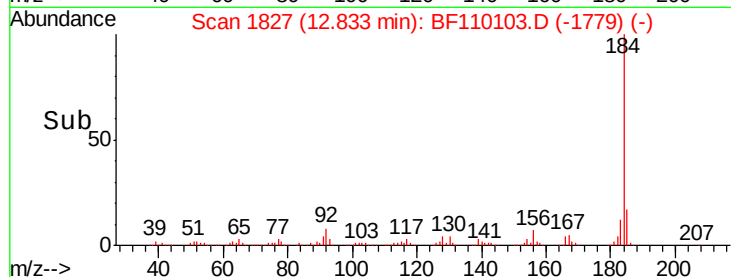
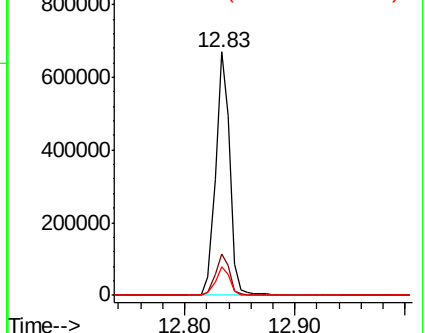
183 11.9 9.4 14.2



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: 38.418 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

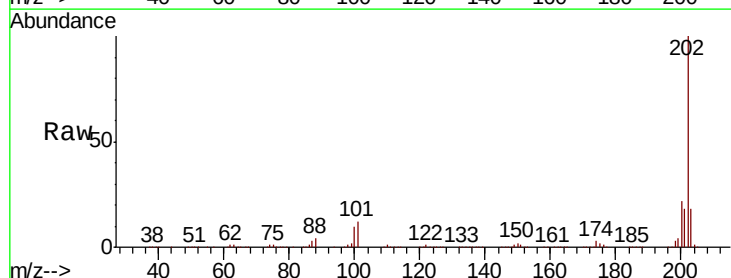
Tgt Ion:202 Resp: 1388607

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

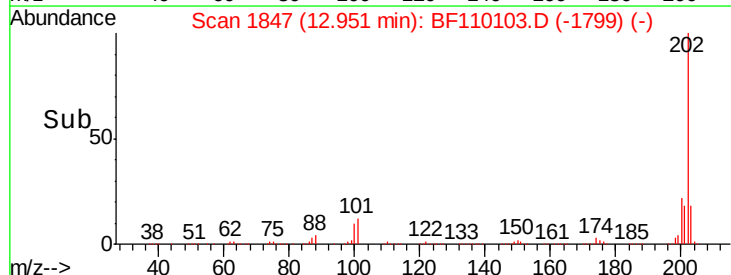
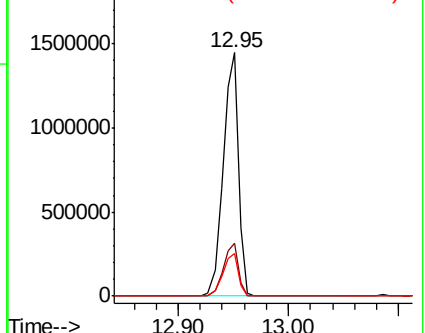
203 17.6 14.2 21.4

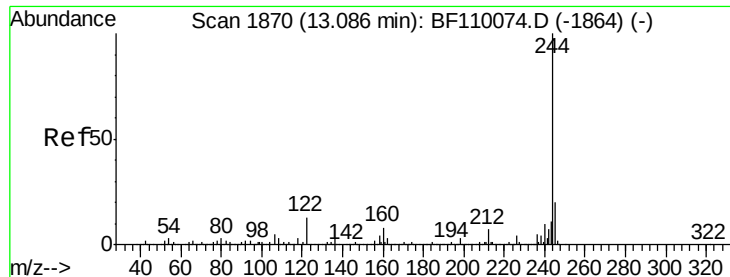


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.259 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampled :

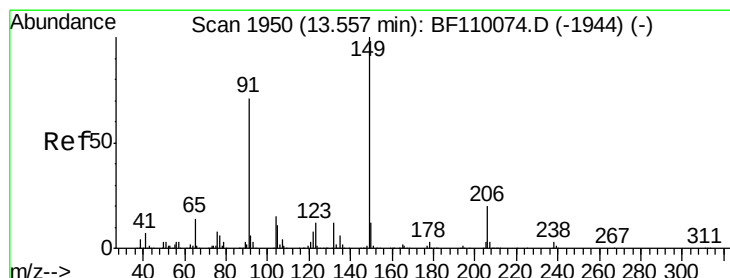
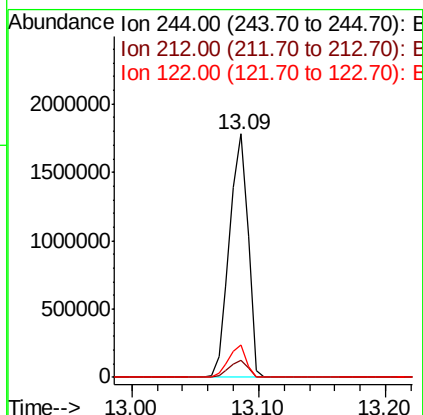
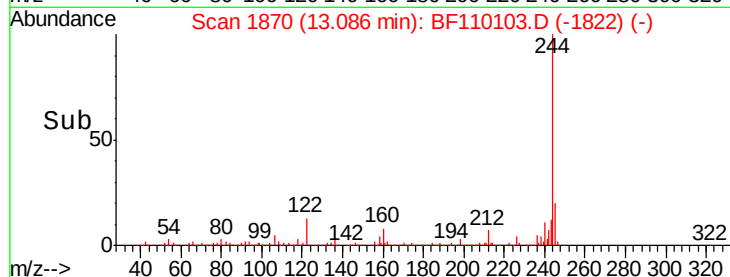
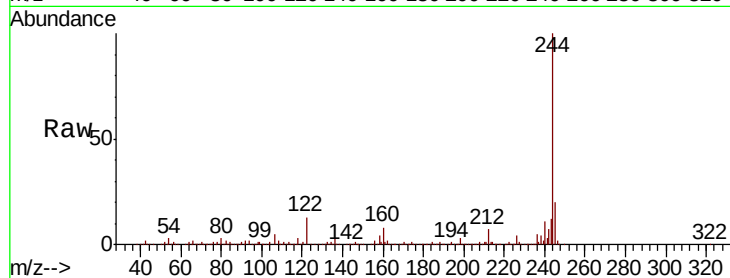
Tot Ion:244 Resp: 1800221

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 13.1 8.7 13.1#



#80

Butylbenzylphthalate

Concen: 39.386 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

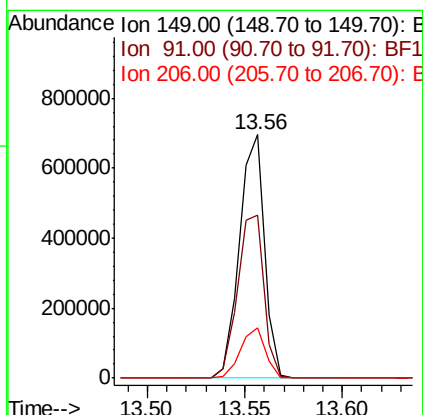
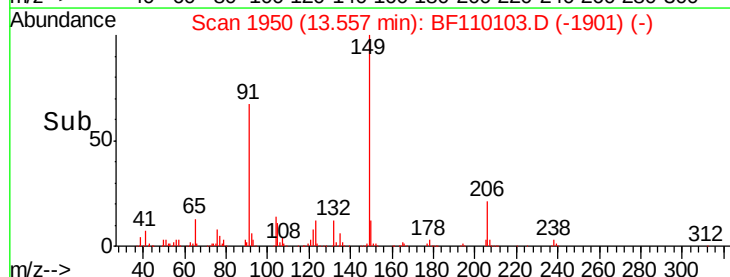
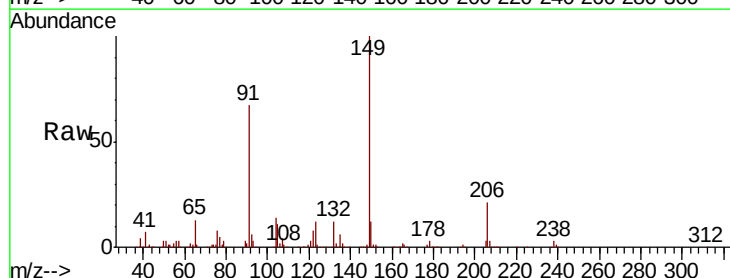
Tgt Ion:149 Resp: 617906

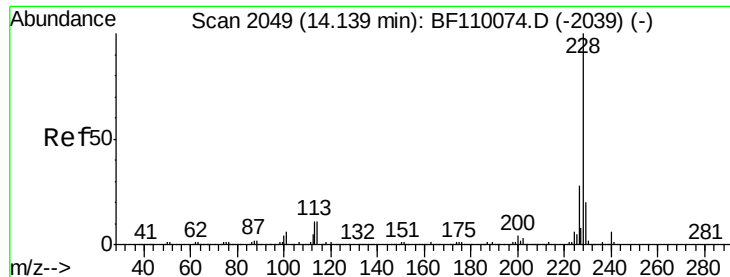
Ion Ratio Lower Upper

149 100

91 67.1 57.2 85.8

206 20.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 38.637 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

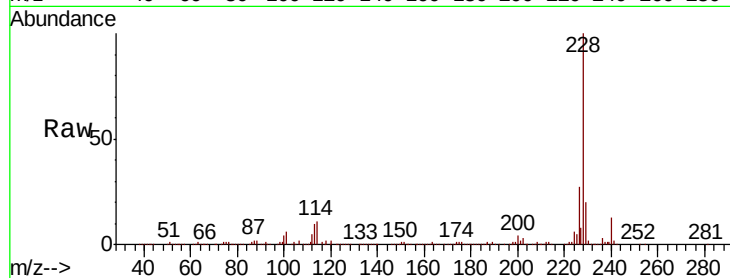
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1155193

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	19.7	15.6	23.4

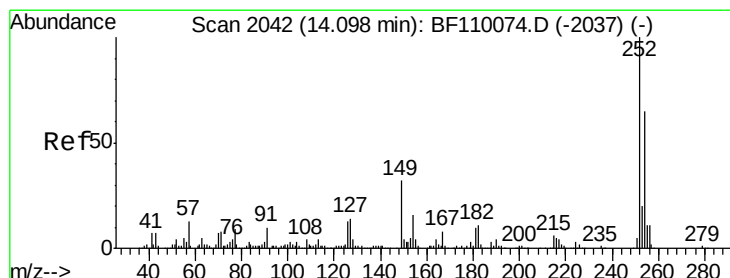
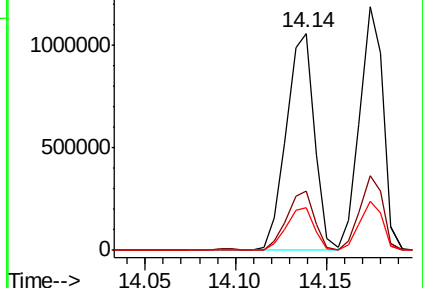
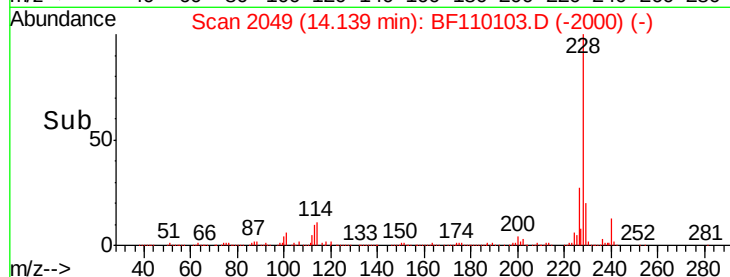


Abundance

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: 37.934 ng

RT: 14.10 min Scan# 2042

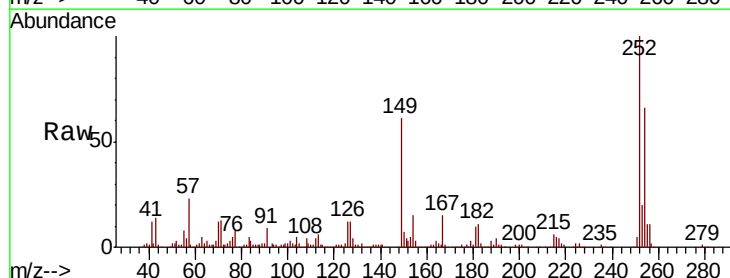
Delta R.T. -0.01 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Tgt Ion:252 Resp: 394942

Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.3	76.9
126	11.9	9.4	14.2

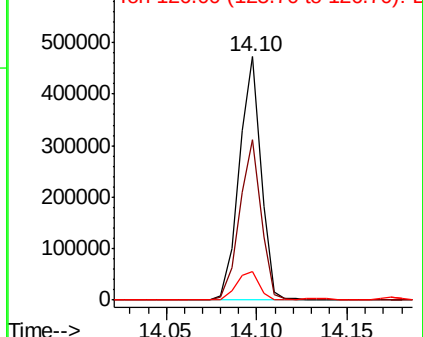
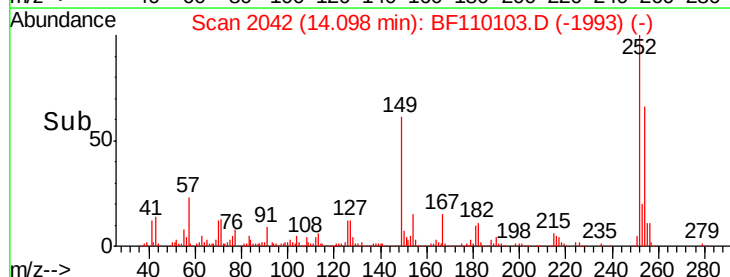


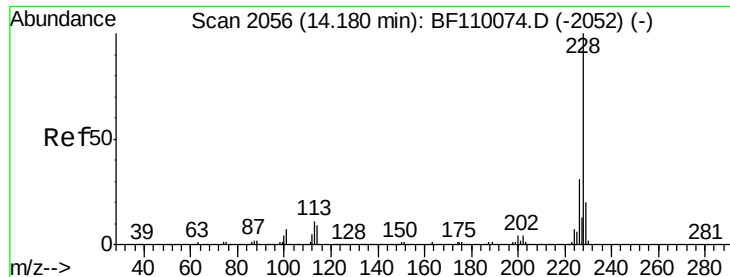
Abundance

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: 37.669 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampleId :

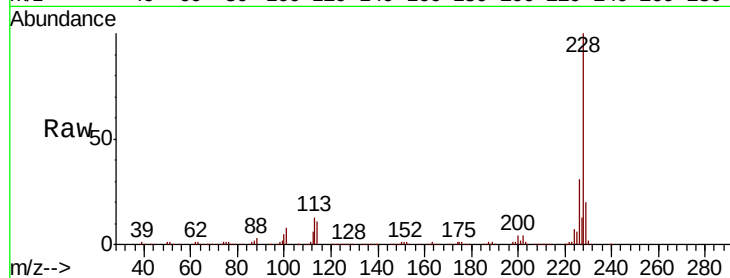
Tot Ion:228 Resp: 1069728

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

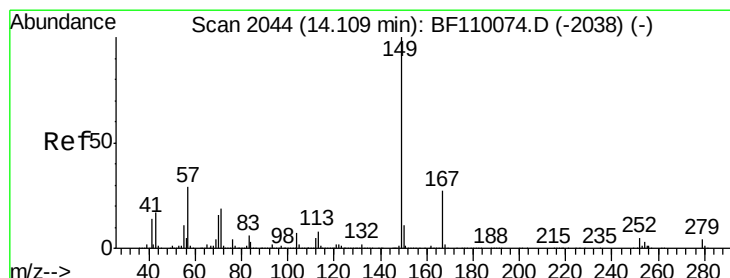
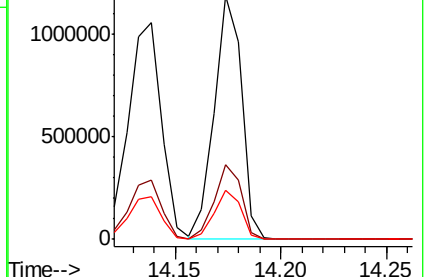
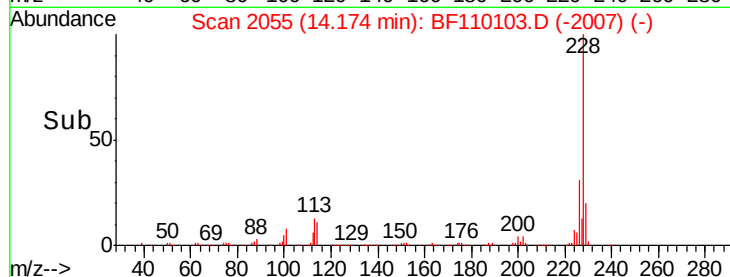
229 20.2 15.9 23.9



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: 38.927 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

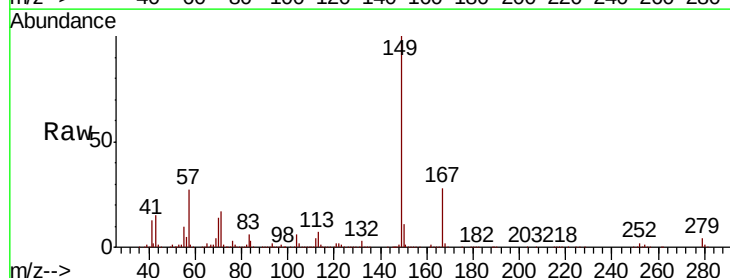
Tgt Ion:149 Resp: 825536

Ion Ratio Lower Upper

149 100

167 27.5 19.8 29.8

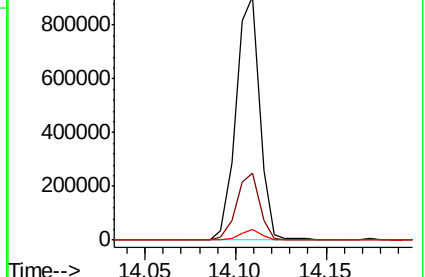
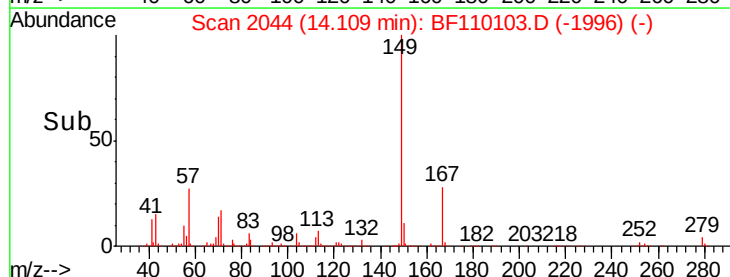
279 4.3 2.7 4.1#

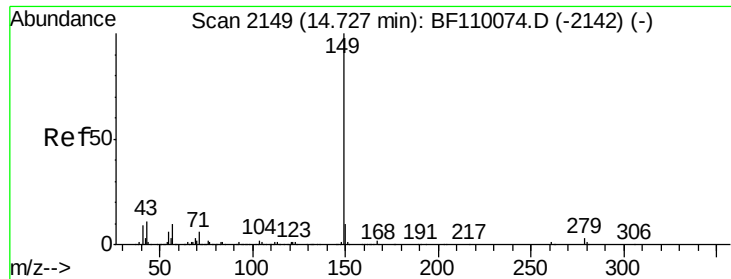


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

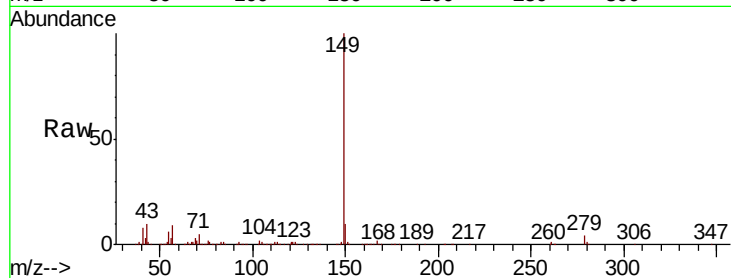




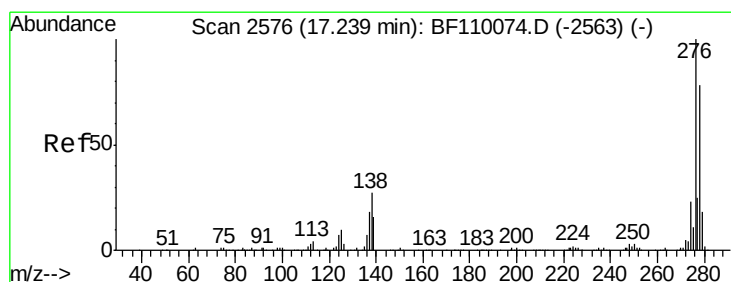
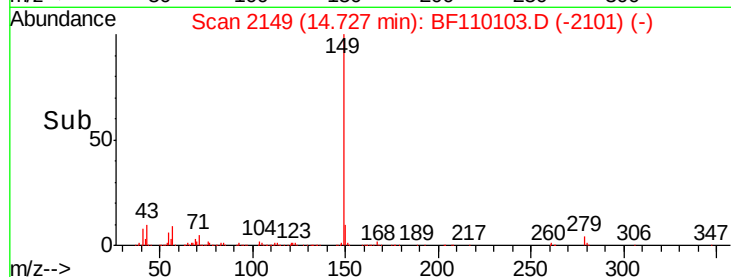
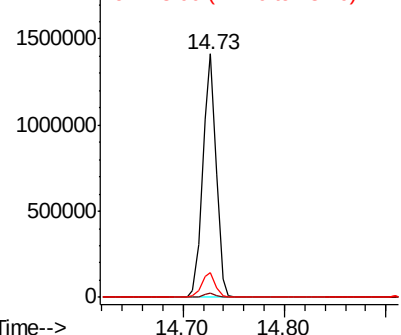
#85
Di-n-octyl phthalate
Concen: 39.043 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1287477
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.3 7.8 11.8

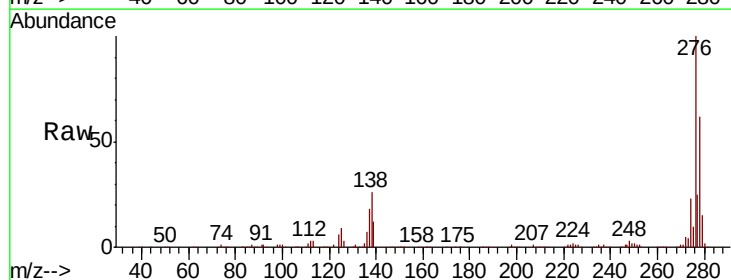


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

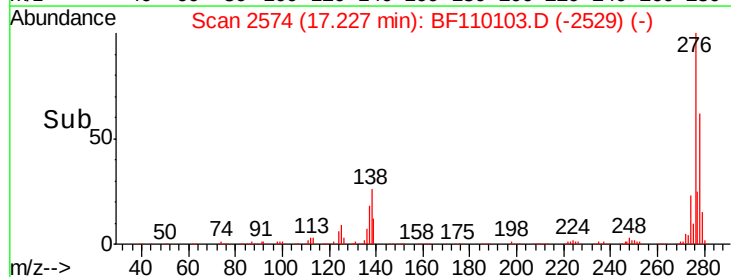
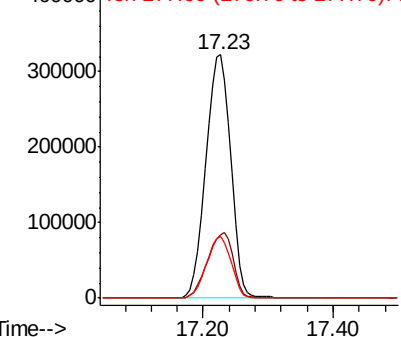


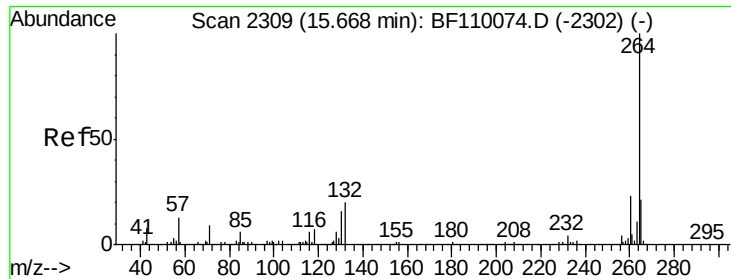
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.323 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion:276 Resp: 855729
Ion Ratio Lower Upper
276 100
138 27.8 18.5 27.7#
277 25.0 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

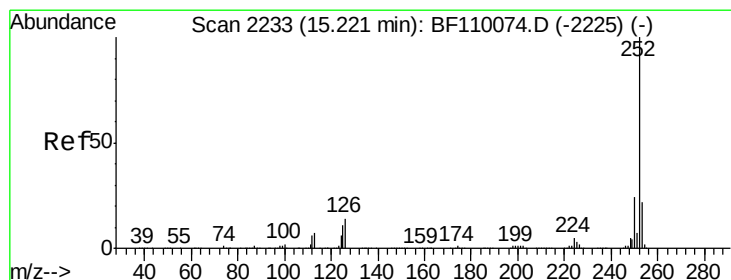
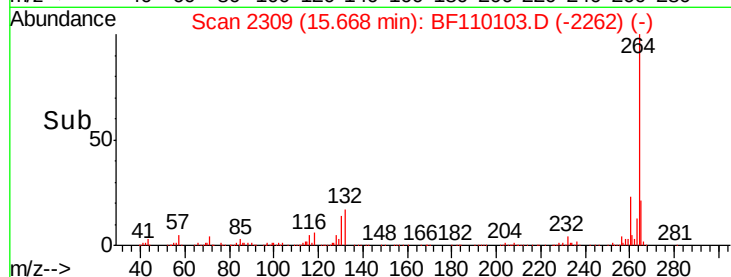
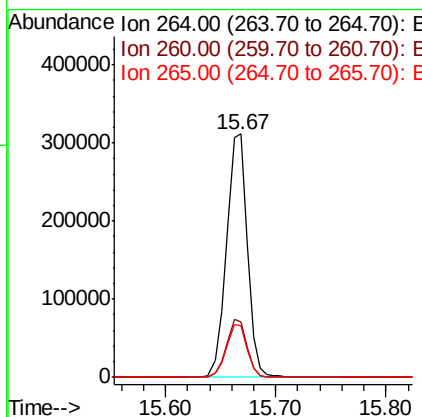
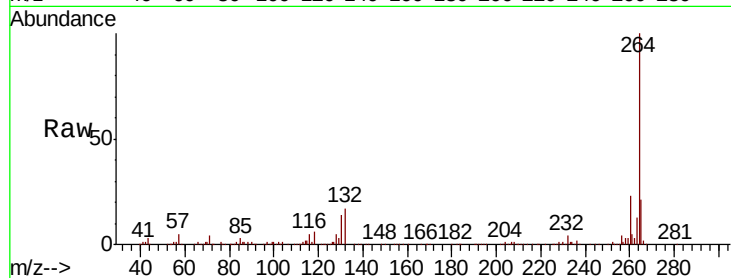




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

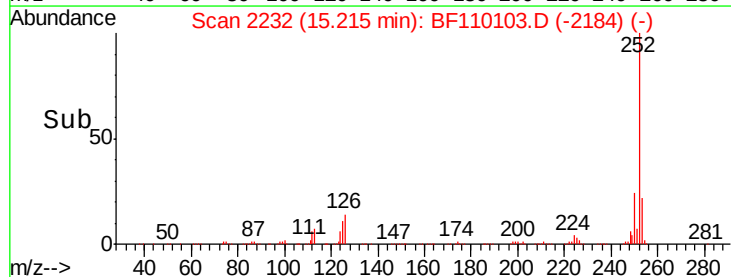
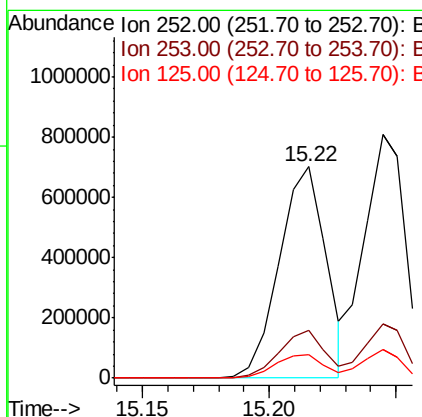
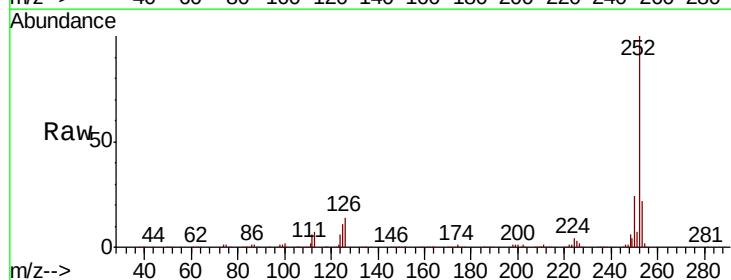
Instrument :
BNA_F
ClientSampleId :

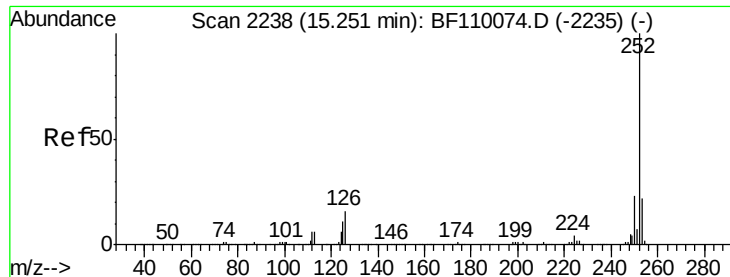
Tot Ion:264 Resp: 413516
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 21.4 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 37.489 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion:252 Resp: 895206
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.0 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 38.134 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.05 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

Instrument :

BNA_F

ClientSampled :

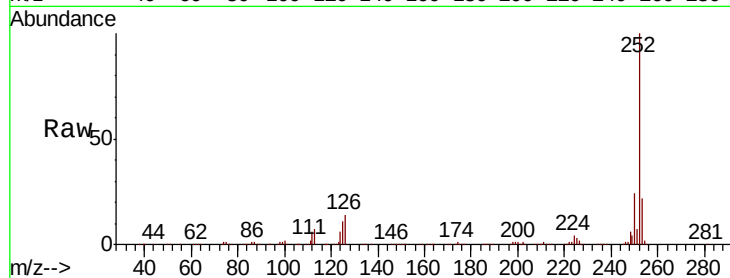
Tot Ion:252 Resp: 895206

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

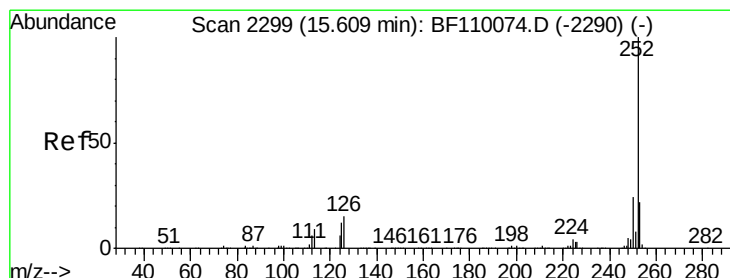
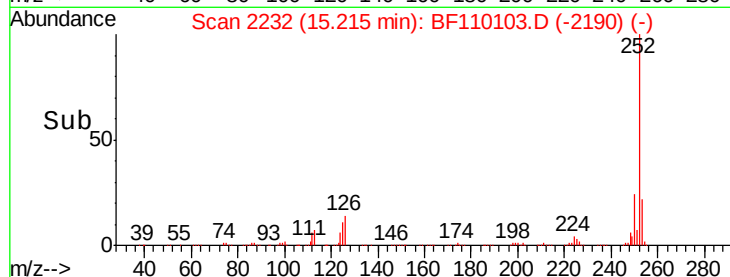
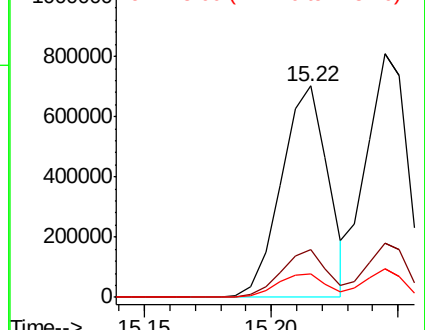
125 11.0 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.548 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BF110103.D

Acq: 24 Oct 2018 9:49

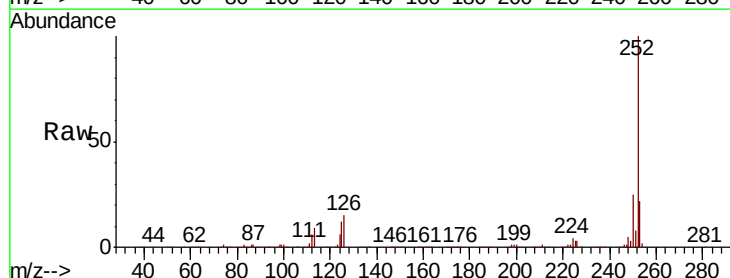
Tgt Ion:252 Resp: 825038

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

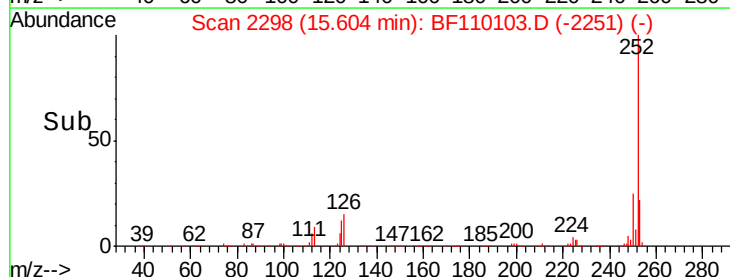
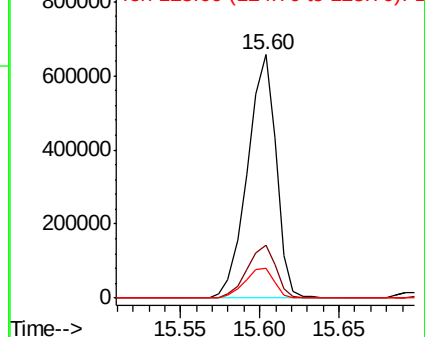
125 12.5 9.0 13.6

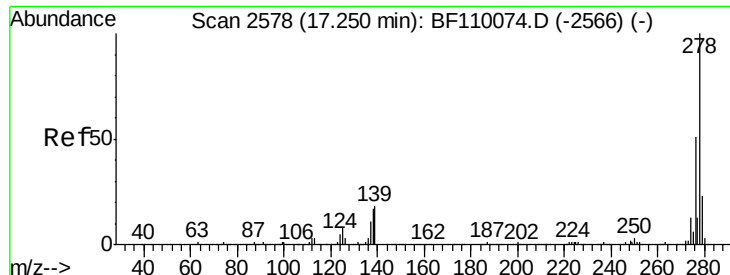


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



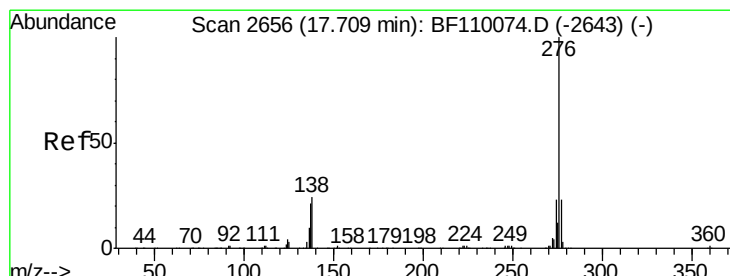
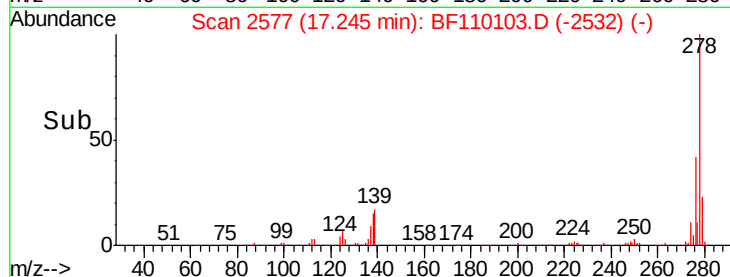
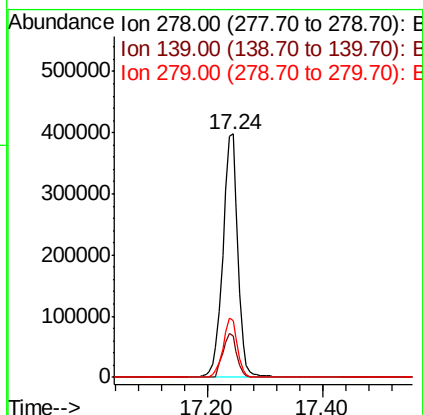
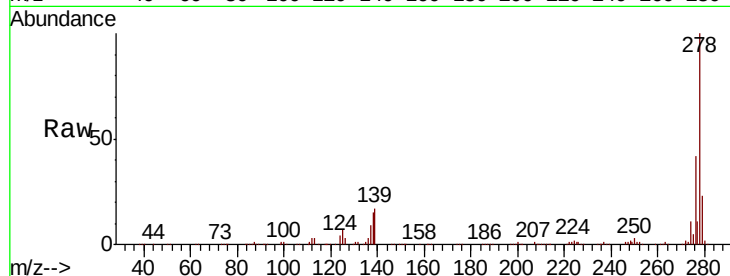


#91
Dibenzo(a,h)anthracene
Concen: 37.707 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.04 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 714898

Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.7	19.1
279	23.1	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 37.413 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BF110103.D
Acq: 24 Oct 2018 9:49

Tgt Ion:276 Resp: 698974

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	23.1	16.0	24.0

