

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110130.D
 Acq On : 24 Oct 2018 23:09
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 04:53:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107465	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	395074	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	156940	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	275438	20.00	ng	0.00
76) Chrysene-d12	14.16	240	221953	20.00	ng	0.00
87) Perylene-d12	15.68	264	161624	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	550988	83.49	ng	0.00
7) Phenol-d6	6.59	99	644406	76.34	ng	0.00
23) Nitrobenzene-d5	7.53	82	539599	81.01	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	110659	71.18	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	921429	92.19	ng	0.00
79) Terphenyl-d14	13.09	244	889491	83.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	145890	42.195	ng	91
3) Pyridine	3.58	79	324609	42.152	ng	88
4) n-Nitrosodimethylamine	3.53	42	132634	41.109	ng	92
6) Aniline	6.63	93	422614	38.435	ng	# 52
8) 2-Chlorophenol	6.75	128	300385	39.481	ng	95
9) Benzaldehyde	6.52	77	197669	40.457	ng	96
10) Phenol	6.60	94	348369	38.610	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	286849	38.643	ng	97
12) 1,3-Dichlorobenzene	6.91	146	325134	38.832	ng	98
13) 1,4-Dichlorobenzene	6.99	146	329415	38.901	ng	98
14) 1,2-Dichlorobenzene	7.14	146	303827	38.649	ng	99
15) Benzyl Alcohol	7.10	79	228793	35.242	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	445164	37.507	ng	68
17) 2-Methylphenol	7.21	107	224164	36.969	ng	# 83
18) Hexachloroethane	7.48	117	78885	25.444	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	196901	36.361	ng	98
20) 3+4-Methylphenols	7.36	107	291235	37.158	ng	# 87
22) Acetophenone	7.37	105	380071	41.751	ng	# 96
24) Nitrobenzene	7.55	77	279687	40.671	ng	94
25) Isophorone	7.79	82	443726	39.081	ng	96
26) 2-Nitrophenol	7.86	139	85290	26.063	ng	98
27) 2,4-Dimethylphenol	7.89	122	210918	38.875	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	312161	40.471	ng	99
29) 2,4-Dichlorophenol	8.10	162	208708	38.076	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	245390	39.967	ng	97
31) Naphthalene	8.27	128	719589	39.519	ng	99
32) Benzoic acid	8.00	122	28864	6.883	ng	87
33) 4-Chloroaniline	8.32	127	313570	38.264	ng	97
34) Hexachlorobutadiene	8.39	225	142939	41.929	ng	99
35) Caprolactam	8.69	113	66915	35.025	ng	# 89
36) 4-Chloro-3-methylphenol	8.79	107	207935	35.081	ng	99
37) 2-Methylnaphthalene	8.97	142	442713	36.748	ng	97
38) 1-Methylnaphthalene	9.07	142	415897	35.723	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	210319	43.011	ng	99

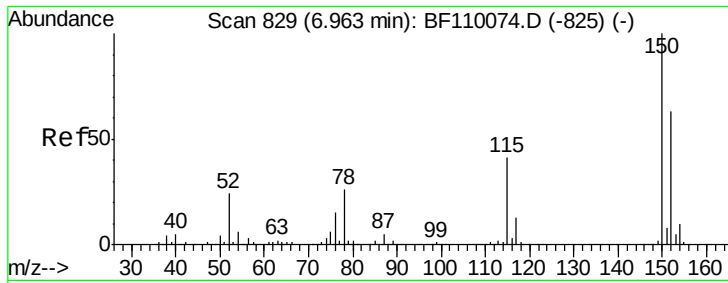
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110130.D
 Acq On : 24 Oct 2018 23:09
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	5478	2.191	ng	98
43) 2,4,6-Trichlorophenol	9.24	196	126827	40.212	ng	99
44) 2,4,5-Trichlorophenol	9.28	196	125264	37.574	ng	95
46) 1,1'-Biphenyl	9.43	154	597047	42.069	ng	99
47) 2-Chloronaphthalene	9.46	162	429450	41.252	ng	99
48) 2-Nitroaniline	9.55	65	134828	42.740	ng	95
49) Acenaphthylene	9.87	152	591212	39.320	ng	99
50) Dimethylphthalate	9.72	163	489828	42.281	ng	99
51) 2,6-Dinitrotoluene	9.79	165	77702	31.138	ng #	86
52) Acenaphthene	10.05	154	364375	36.631	ng	98
53) 3-Nitroaniline	9.96	138	129438	43.618	ng	91
54) 2,4-Dinitrophenol	10.07	184	490	5.638	ng #	79
55) Dibenzofuran	10.22	168	534577	38.385	ng	98
56) 4-Nitrophenol	10.11	139	67027	30.518	ng	94
57) 2,4-Dinitrotoluene	10.19	165	85622	27.013	ng	93
58) Fluorene	10.56	166	387481	37.384	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	92021	33.864	ng	94
60) Diethylphthalate	10.42	149	459178	40.604	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	213730	39.089	ng	94
62) 4-Nitroaniline	10.57	138	130259	44.133	ng	91
63) Azobenzene	10.71	77	402595	35.865	ng	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	1495	1.188	ng #	70
66) n-Nitrosodiphenylamine	10.67	169	368705	40.811	ng	97
67) 4-Bromophenyl-phenylether	11.05	248	118414	39.634	ng	97
68) Hexachlorobenzene	11.11	284	123773	39.045	ng #	90
69) Atrazine	11.19	200	99177	34.737	ng	98
70) Pentachlorophenol	11.30	266	64142	34.700	ng	97
71) Phenanthrene	11.53	178	562488	39.029	ng	99
72) Anthracene	11.58	178	572246	39.613	ng	99
73) Carbazole	11.73	167	567673	40.247	ng	99
74) Di-n-butylphthalate	12.05	149	671927	42.180	ng	99
75) Fluoranthene	12.72	202	611428	41.802	ng	99
77) Benzidine	12.85	184	444086	Below Cal		98
78) Pyrene	12.96	202	631313	39.675	ng	97
80) Butylbenzylphthalate	13.56	149	291116	42.151	ng	99
81) Benzo(a)anthracene	14.14	228	504631	38.339	ng	100
82) 3,3'-Dichlorobenzidine	14.10	252	213681	46.621	ng	99
83) Chrysene	14.18	228	475069	38.001	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	416920	44.656	ng	97
85) Di-n-octyl phthalate	14.73	149	667365	45.971	ng	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	341152	32.894	ng	96
88) Benzo(b)fluoranthene	15.23	252	368283	39.459	ng	99
89) Benzo(k)fluoranthene	15.26	252	367791	40.084	ng	99
90) Benzo(a)pyrene	15.62	252	328420	38.241	ng	96
91) Dibenzo(a,h)anthracene	17.26	278	284874	38.443	ng	98
92) Benzo(g,h,i)perylene	17.72	276	268099	36.715	ng	97

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

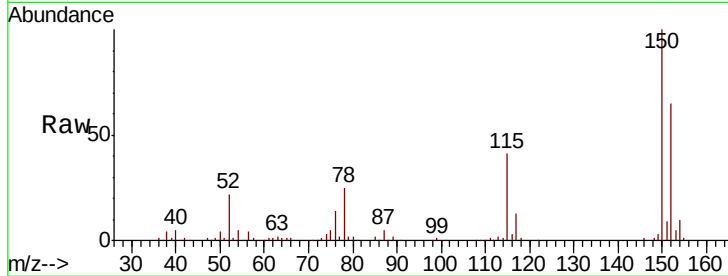


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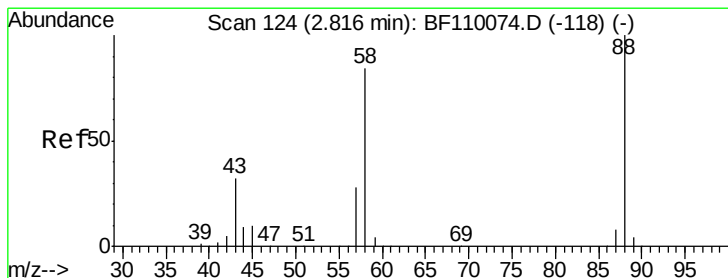
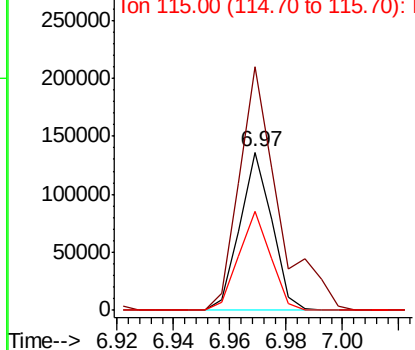
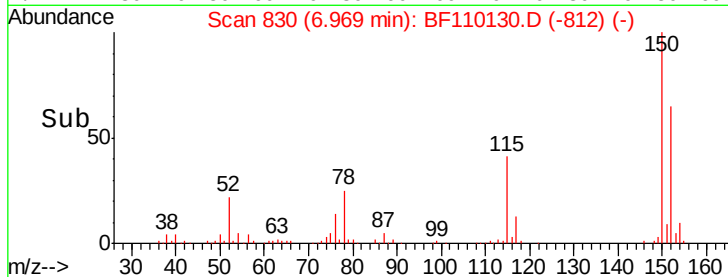
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107465
Ion Ratio Lower Upper
152 100
150 153.6 122.7 184.1
115 62.5 49.1 73.7



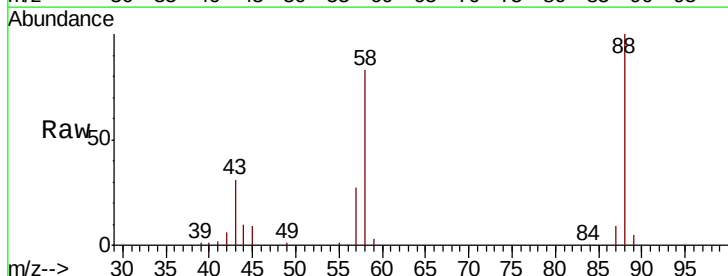
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



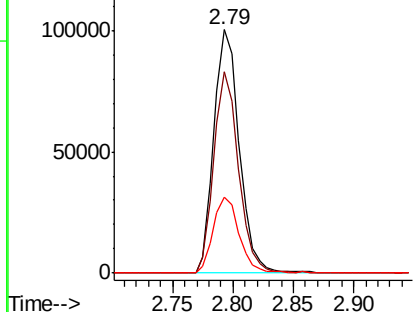
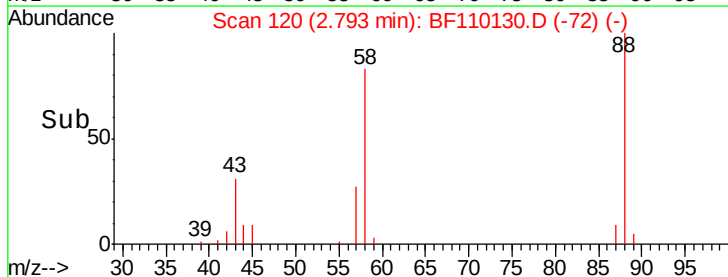
#2

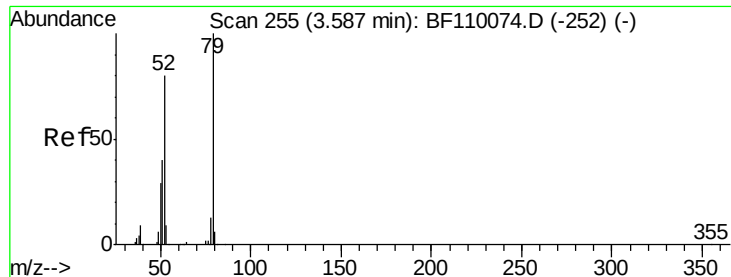
1,4-Dioxane
Concen: 42.195 ng
RT: 2.79 min Scan# 120
Delta R.T. -0.02 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion: 88 Resp: 145890
Ion Ratio Lower Upper
88 100
58 80.6 57.1 85.7
43 32.1 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: 42.152 ng

RT: 3.58 min Scan# 253

Delta R.T. -0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampled :

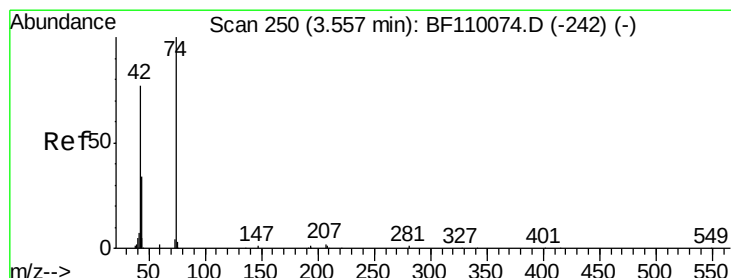
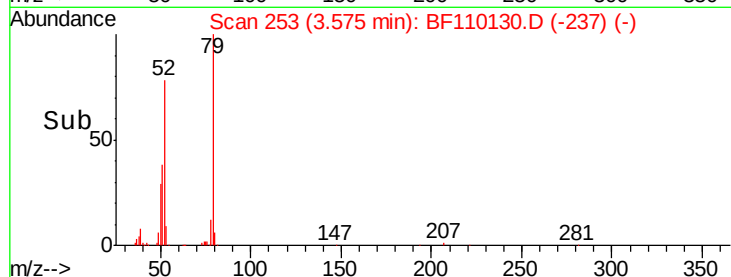
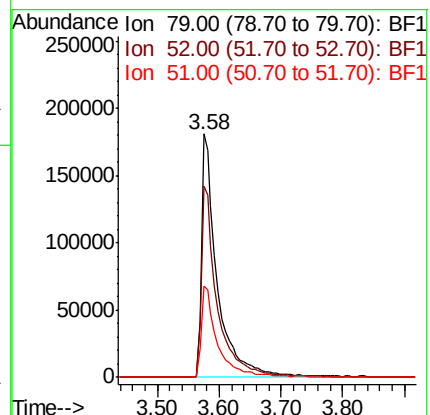
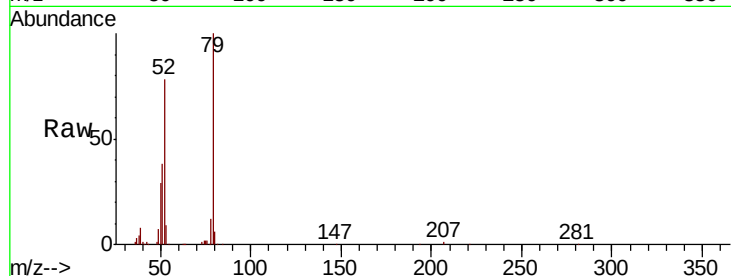
Tot Ion: 79 Resp: 324609

Ion Ratio Lower Upper

79 100

52 78.4 53.1 79.7

51 37.7 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 41.109 ng

RT: 3.53 min Scan# 246

Delta R.T. -0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

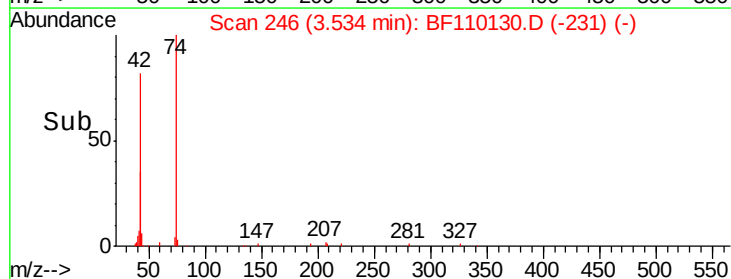
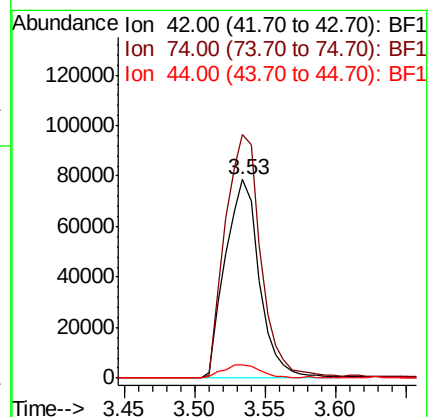
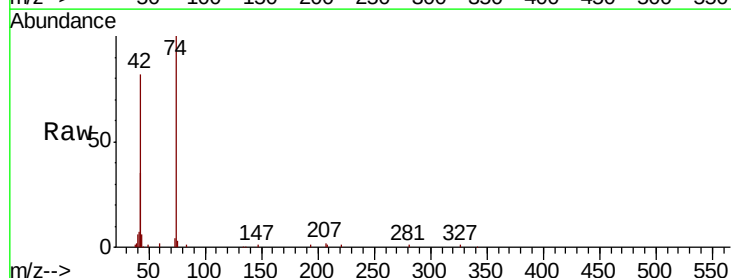
Tgt Ion: 42 Resp: 132634

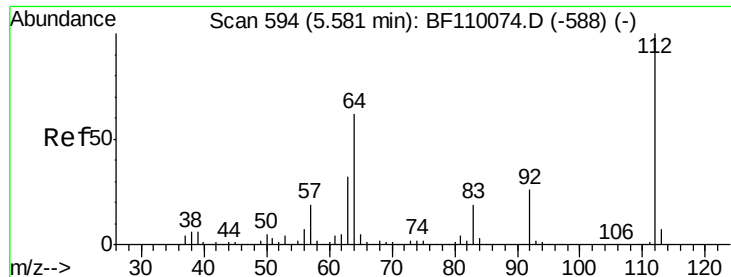
Ion Ratio Lower Upper

42 100

74 122.6 105.5 158.3

44 6.9 4.9 7.3





#5

2-Fluorophenol

Concen: 83.493 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

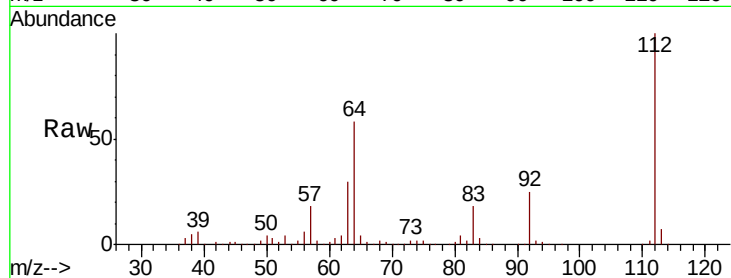
Tot Ion: 112 Resp: 550988

Ion Ratio Lower Upper

112 100

64 57.5 44.1 66.1

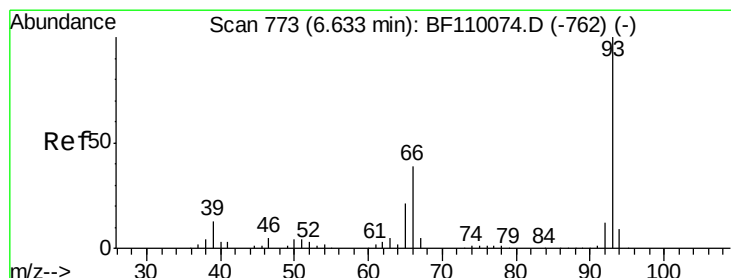
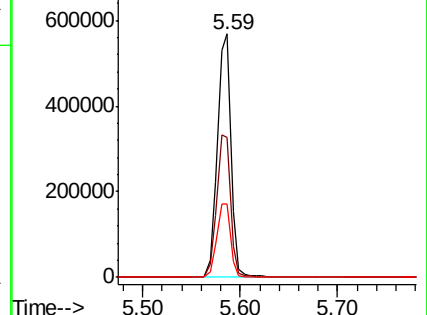
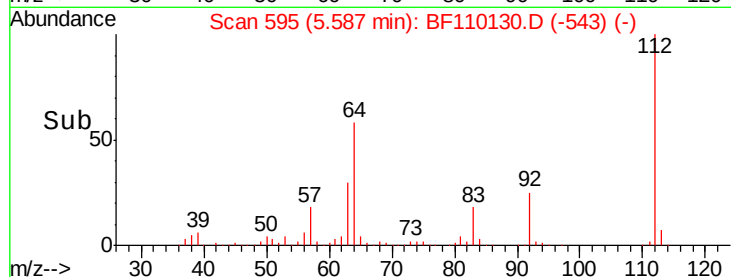
63 30.0 23.7 35.5



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: 38.435 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

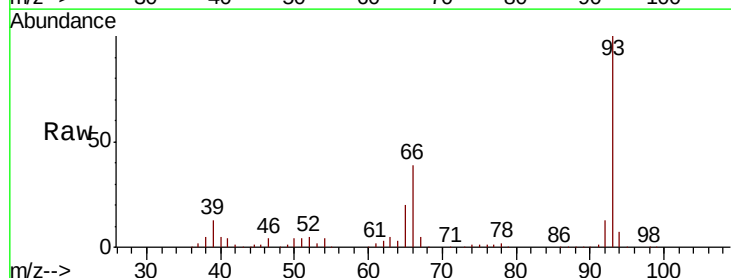
Tgt Ion: 93 Resp: 422614

Ion Ratio Lower Upper

93 100

66 39.1 67.4 101.0#

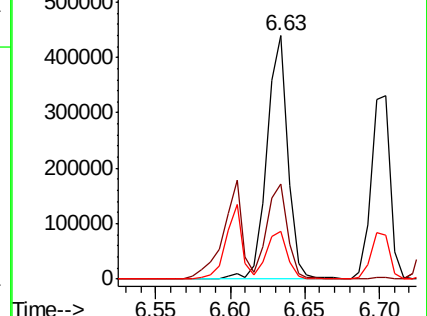
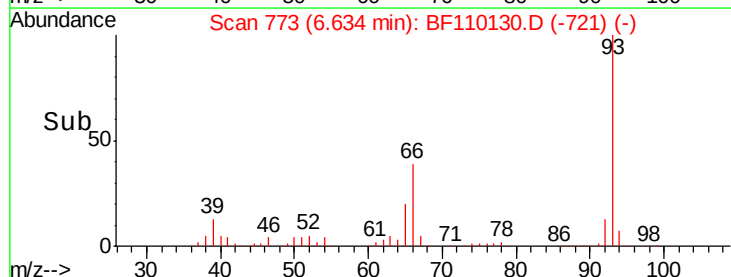
65 19.9 41.0 61.4#

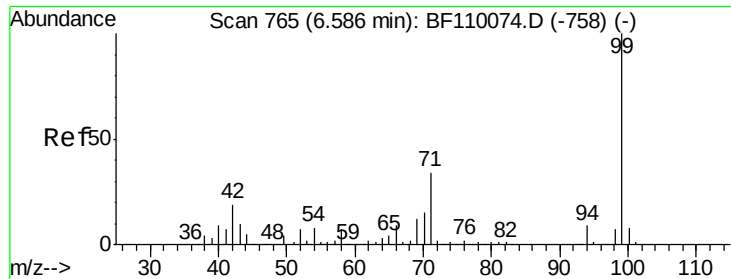


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.343 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

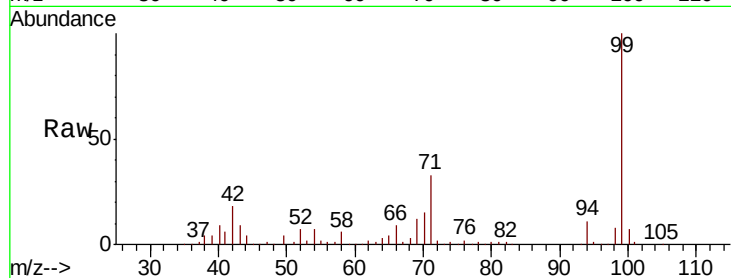
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 644406

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.8	23.6
71	32.7	28.0	42.0

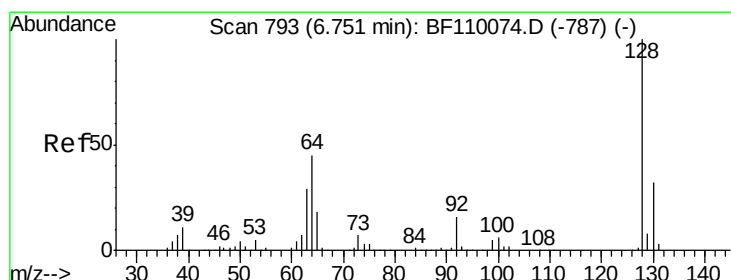
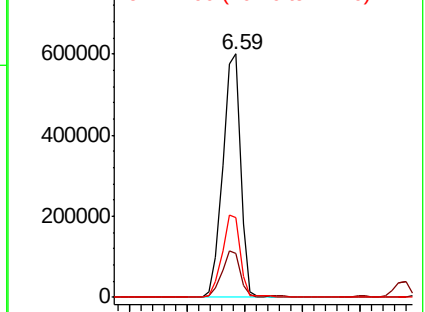
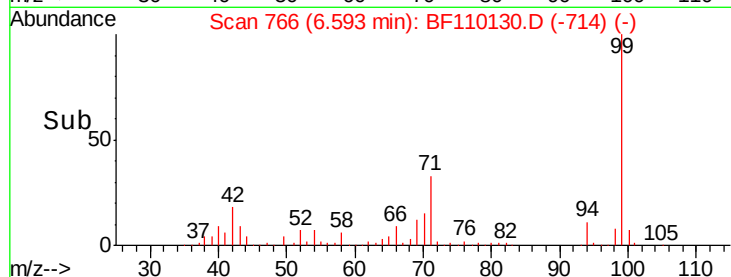


Abundance

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: 39.481 ng

RT: 6.75 min Scan# 793

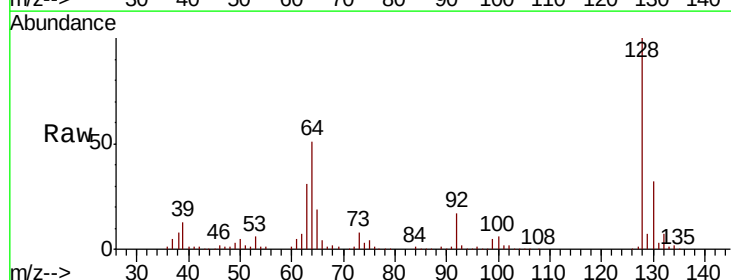
Delta R.T. 0.00 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Tgt Ion: 128 Resp: 300385

Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.1	53.1
64	50.5	26.0	66.0

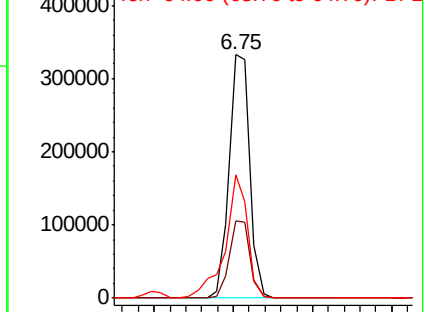
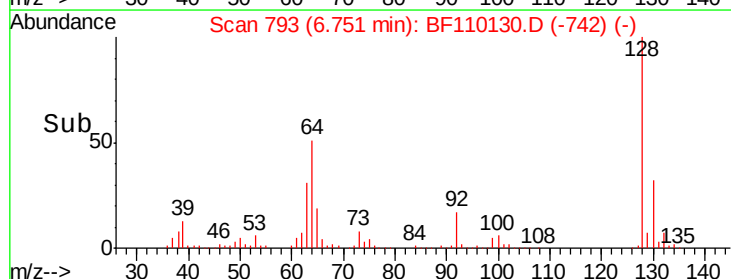


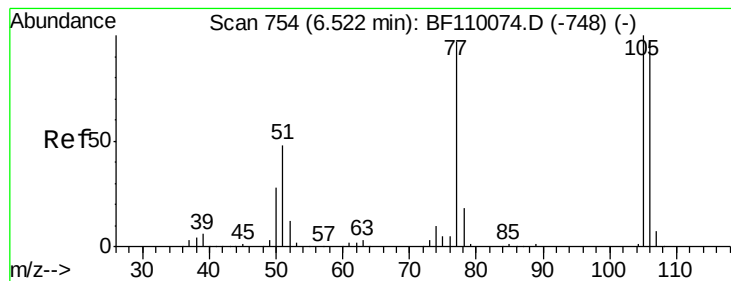
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.457 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

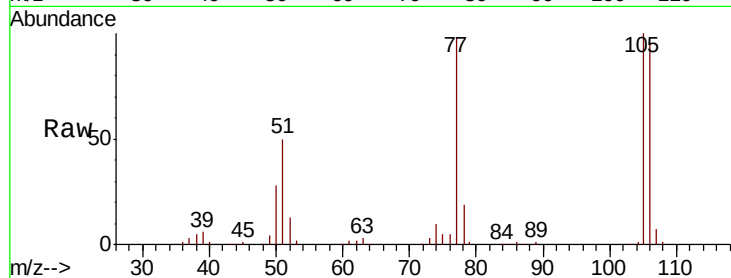
Tot Ion: 77 Resp: 197669

Ion Ratio Lower Upper

77 100

105 102.2 78.6 118.6

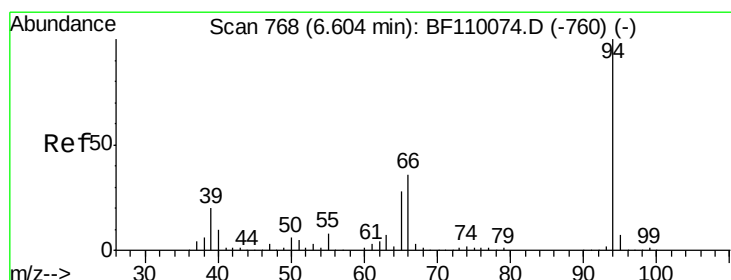
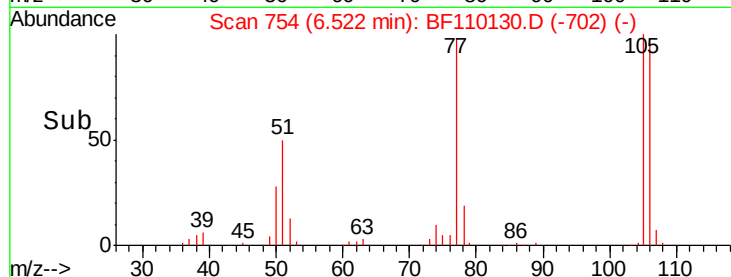
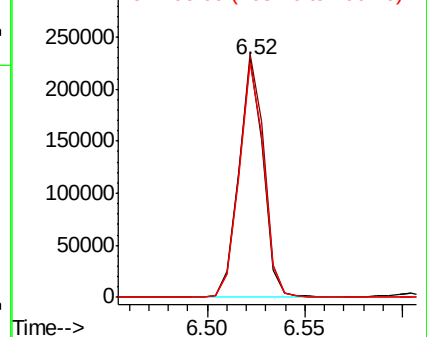
106 98.4 74.8 114.8



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: 38.610 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

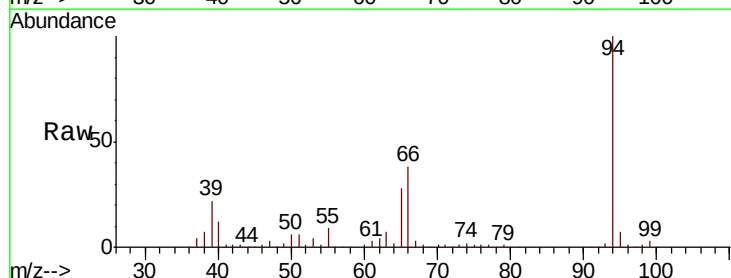
Tgt Ion: 94 Resp: 348369

Ion Ratio Lower Upper

94 100

65 28.3 25.3 65.3

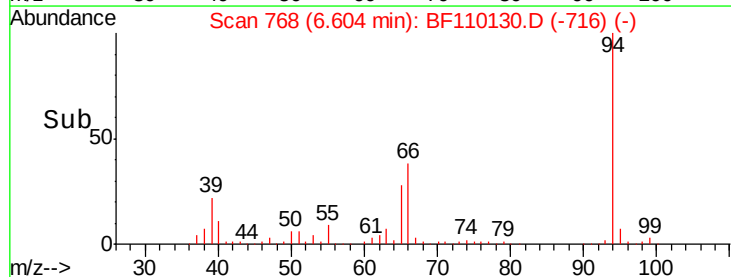
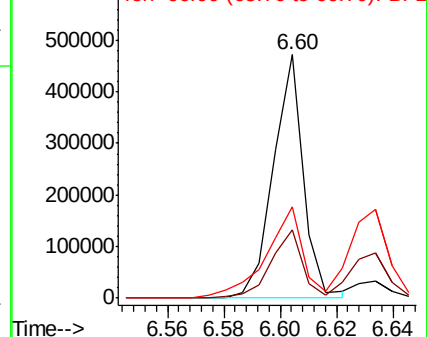
66 37.6 54.5 94.5#

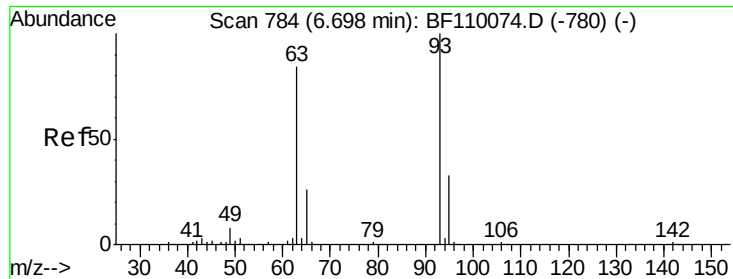


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

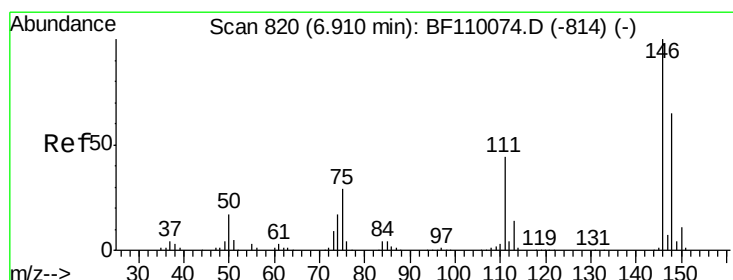
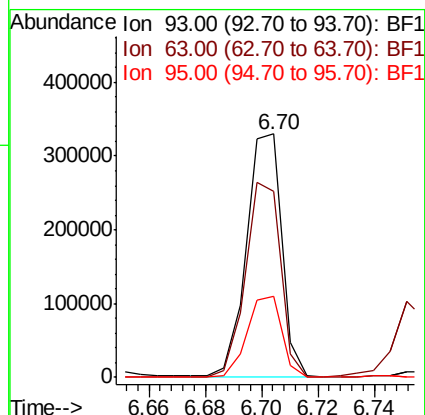
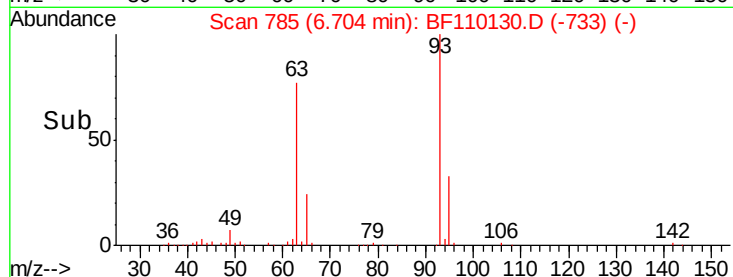
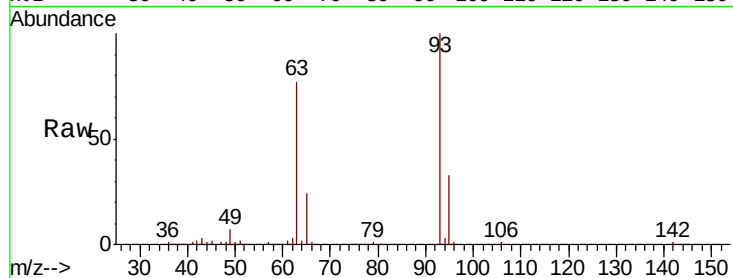




#11
bis(2-Chloroethyl)ether
Concen: 38.643 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

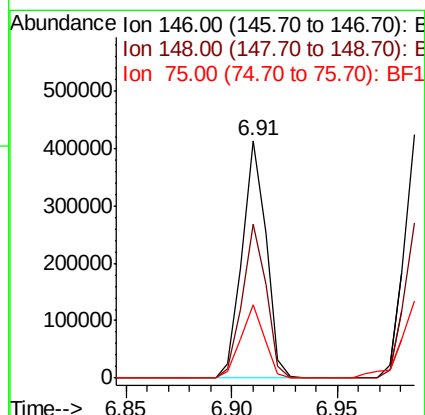
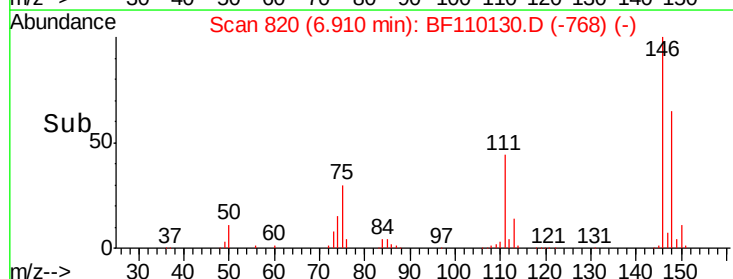
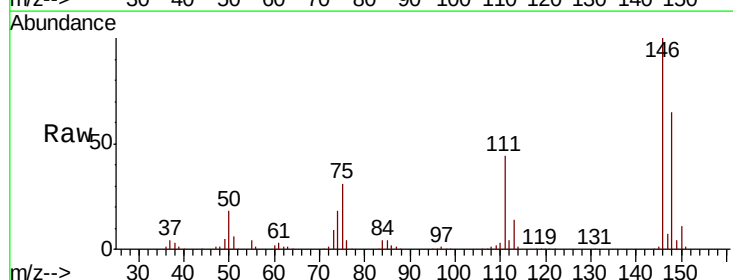
Instrument :
BNA_F
ClientSampleId :

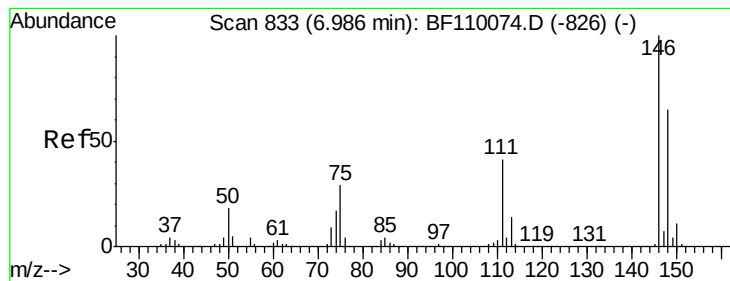
Tot Ion: 93 Resp: 286849
Ion Ratio Lower Upper
93 100
63 76.5 53.4 93.4
95 33.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 38.832 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion: 146 Resp: 325134
Ion Ratio Lower Upper
146 100
148 64.6 50.4 75.6
75 30.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 38.901 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

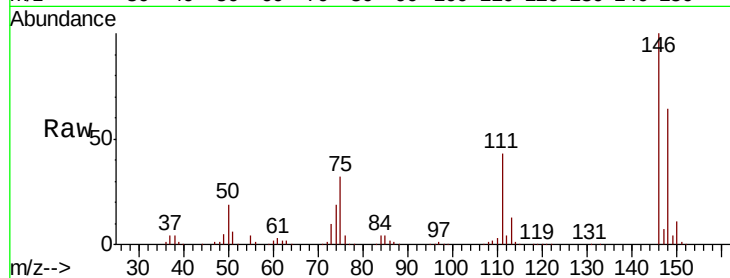
Tot Ion:146 Resp: 329415

Ion Ratio Lower Upper

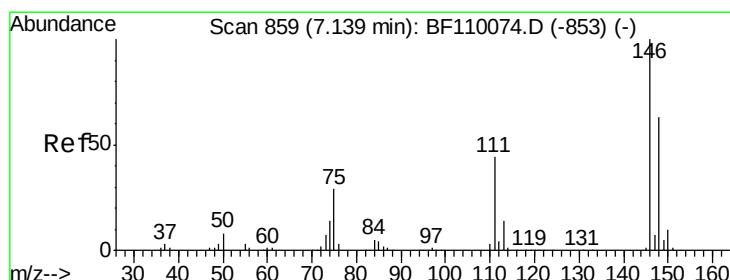
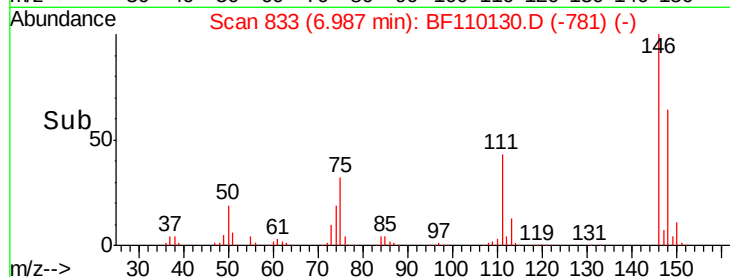
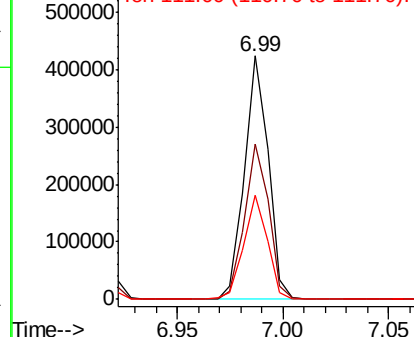
146 100

148 63.8 50.3 75.5

111 42.8 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: 38.649 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

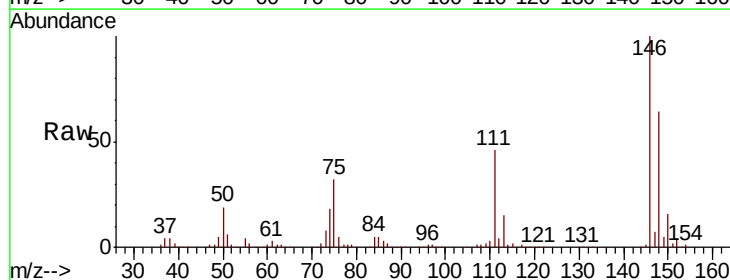
Tgt Ion:146 Resp: 303827

Ion Ratio Lower Upper

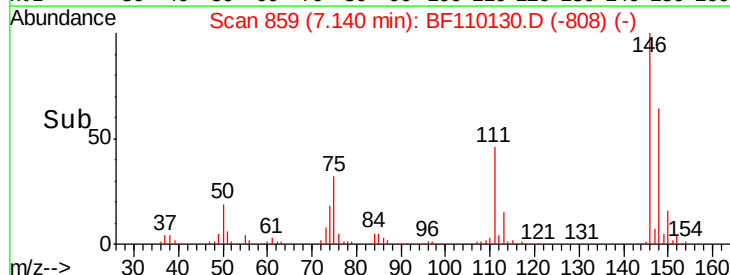
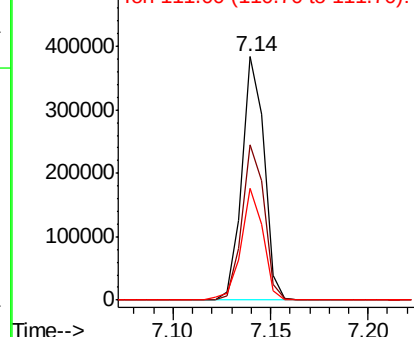
146 100

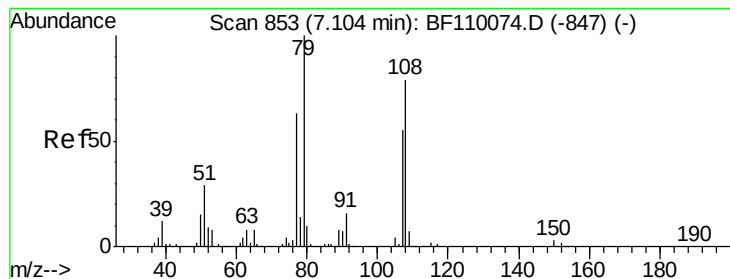
148 63.6 51.1 76.7

111 46.1 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: 35.242 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

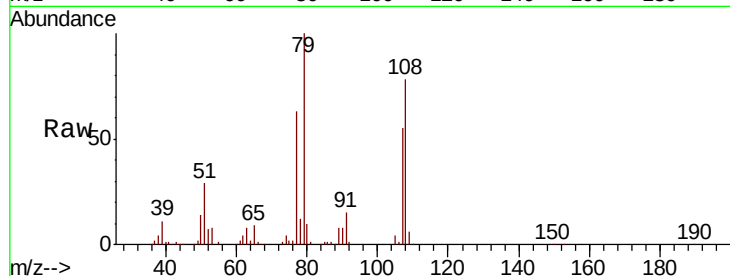
Tot Ion: 79 Resp: 228793

Ion Ratio Lower Upper

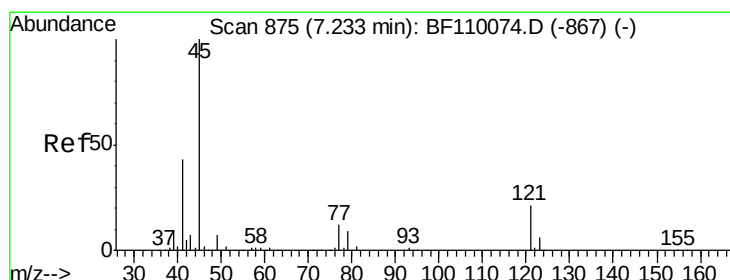
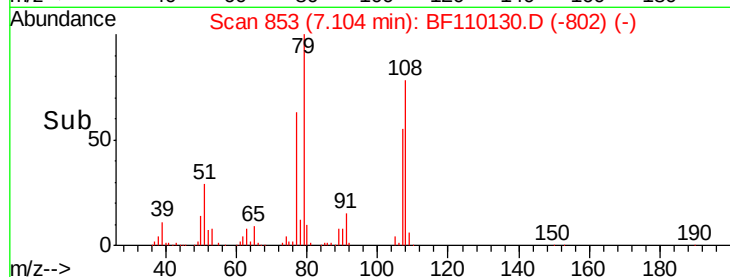
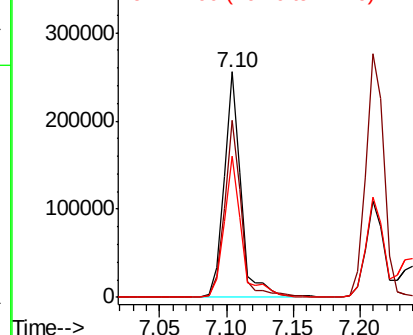
79 100

108 78.4 56.3 84.5

77 62.6 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: 37.507 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

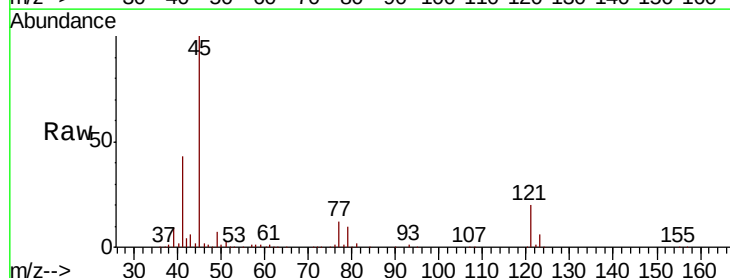
Tgt Ion: 45 Resp: 445164

Ion Ratio Lower Upper

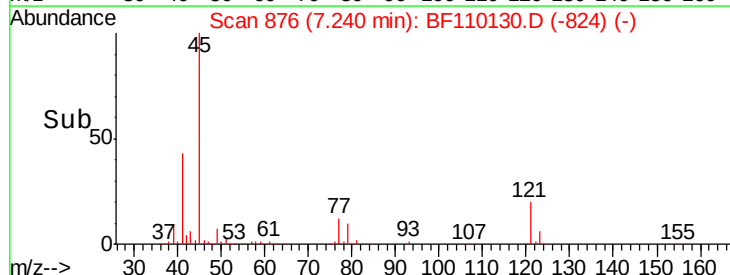
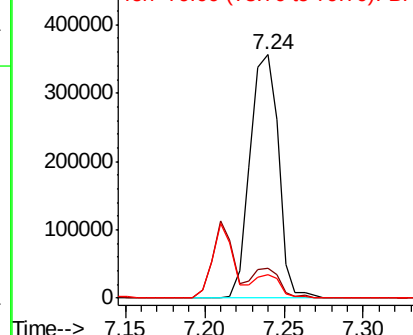
45 100

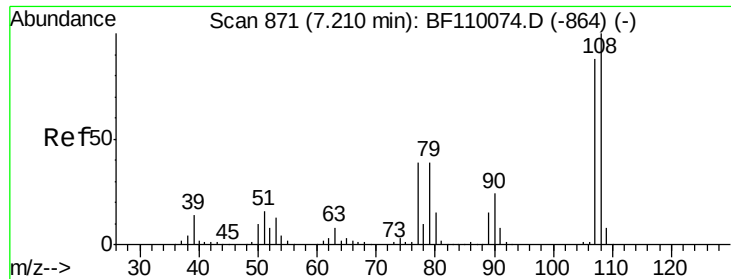
77 12.3 10.0 50.0

79 9.7 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

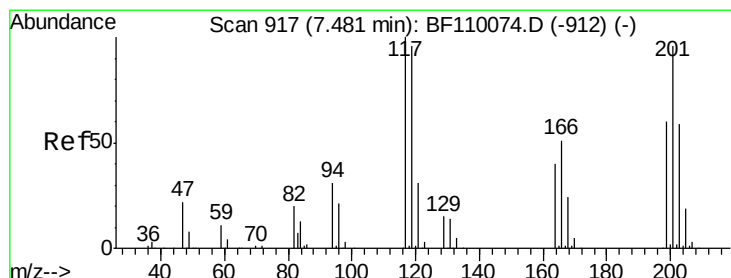
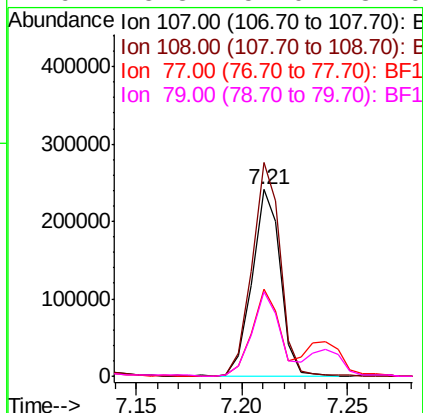
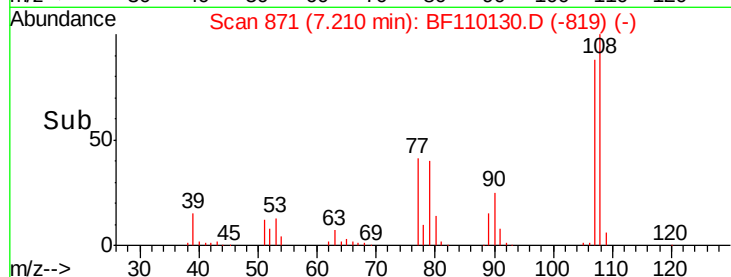
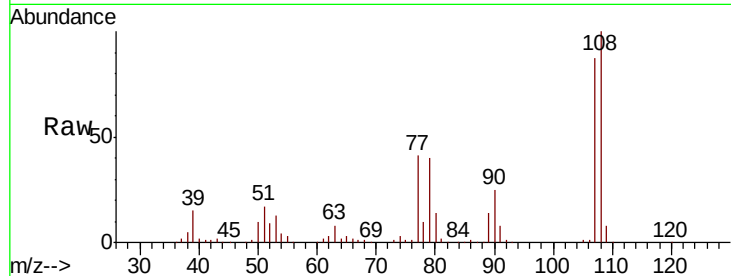




#17
2-Methylphenol
Concen: 36.969 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

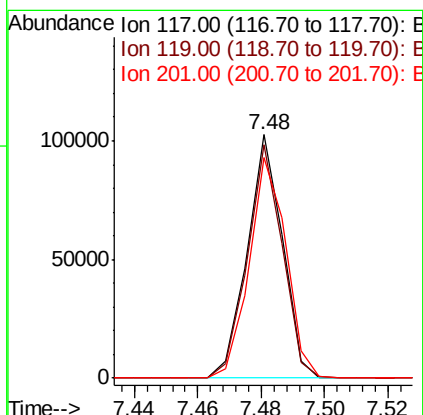
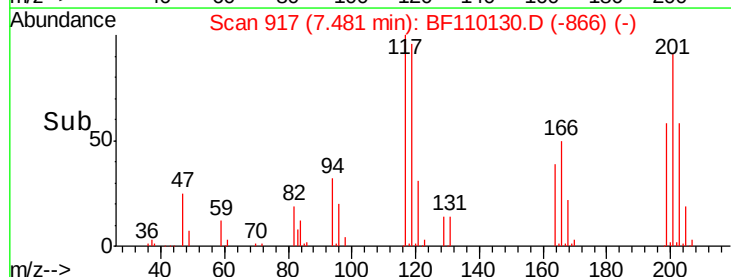
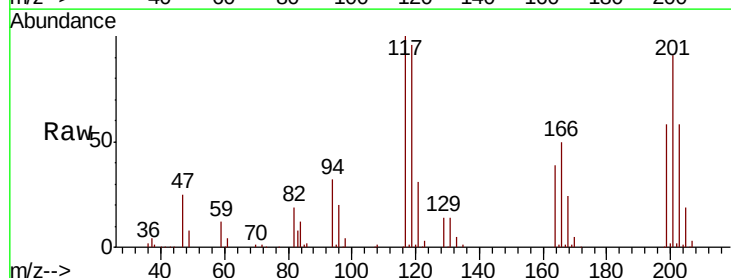
Instrument :
BNA_F
ClientSampleId :

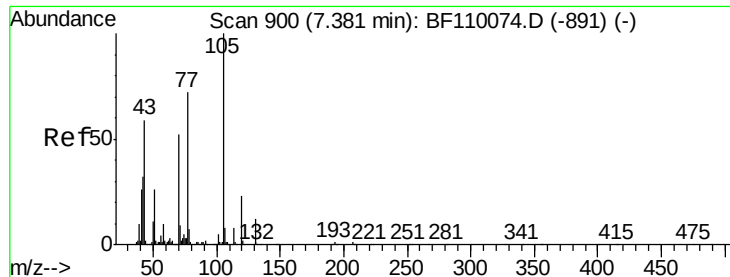
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.6	138.8
77	46.9	59.4	89.2#
79	45.3	54.0	81.0#



#18
Hexachloroethane
Concen: 25.444 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.0	112.6
201	90.7	79.2	118.8

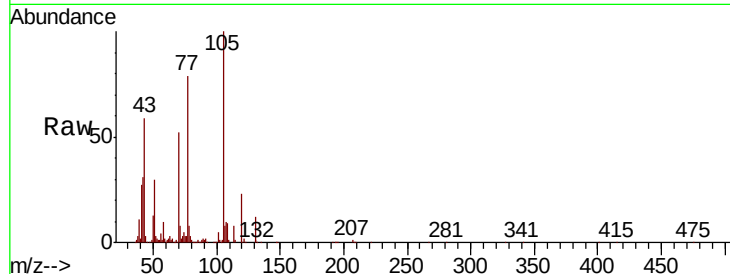




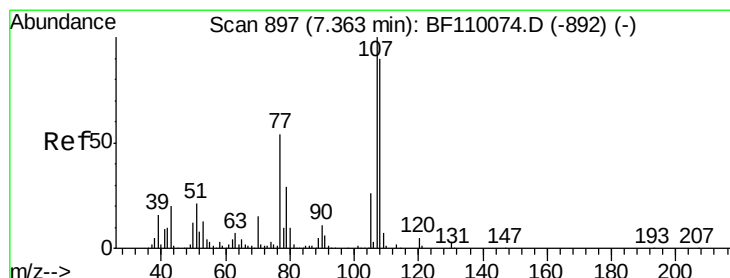
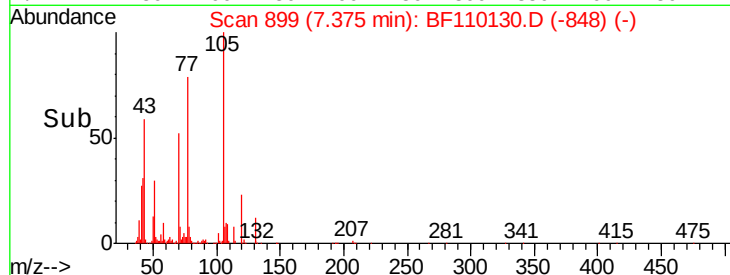
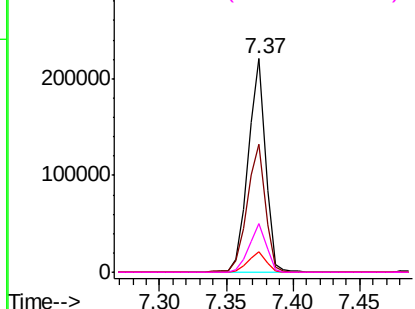
#19
n-Nitroso-di-n-propylamine
Concen: 36.361 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	196901
Ion	Ratio	Lower	Upper
70	100		
42	60.0	47.4	71.2
101	9.7	7.3	10.9
130	22.9	16.2	24.2

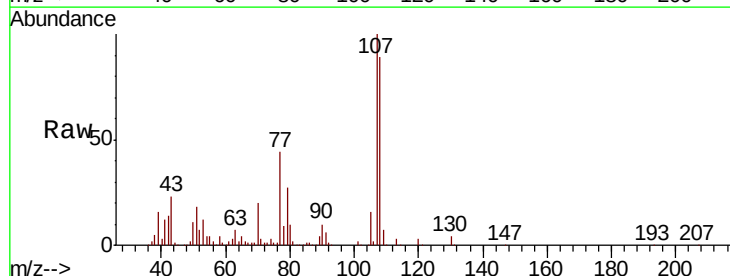


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

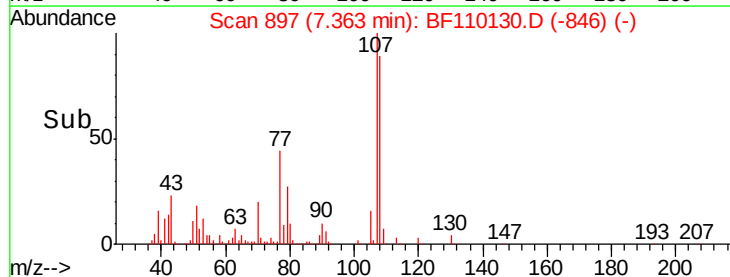
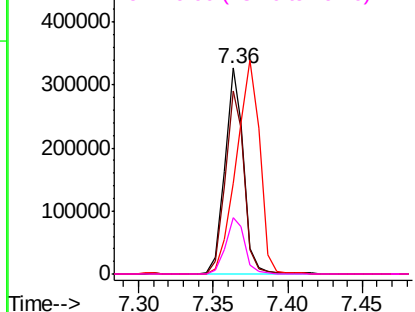


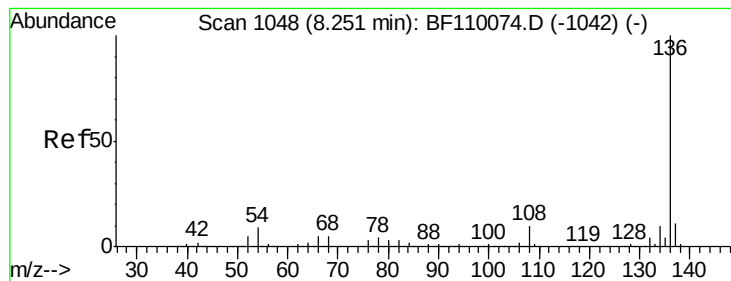
#20
3+4-Methylphenols
Concen: 37.158 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion:	107	Resp:	291235
Ion	Ratio	Lower	Upper
107	100		
108	88.8	71.4	111.4
77	44.3	47.3	87.3#
79	27.3	10.9	50.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 395074

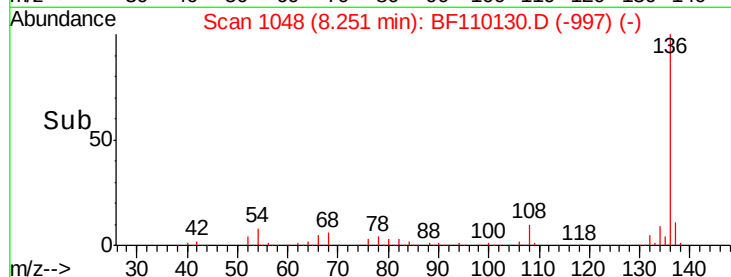
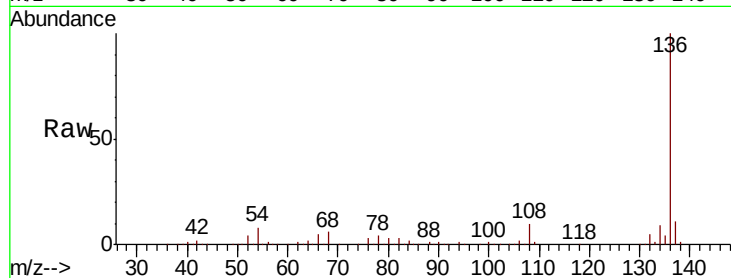
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.5 5.4 8.2#

68 5.6 4.2 6.2

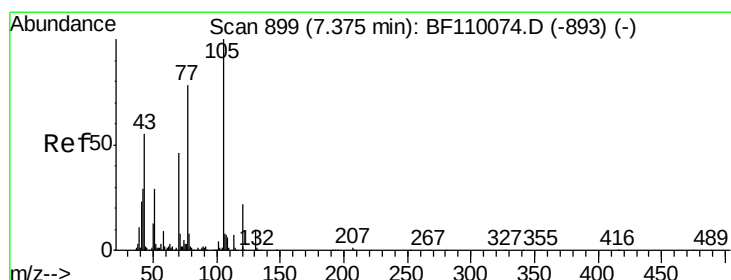
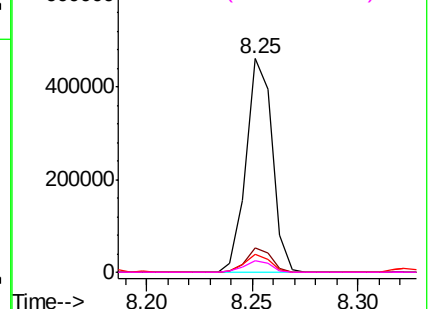


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.751 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Tgt Ion:105 Resp: 380071

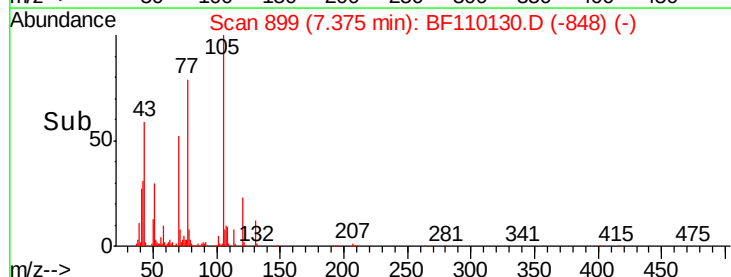
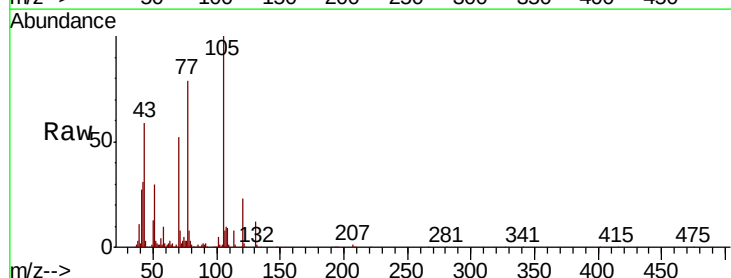
Ion Ratio Lower Upper

105 100

71 8.3 5.2 7.8#

51 29.6 21.8 32.8

120 22.6 17.0 25.4

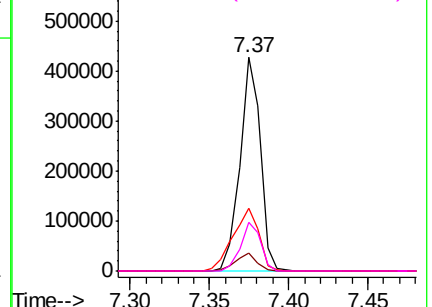


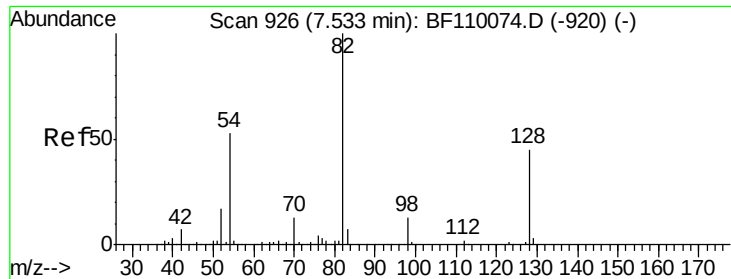
Abundance Ion 105.00 (104.70 to 105.70): E

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

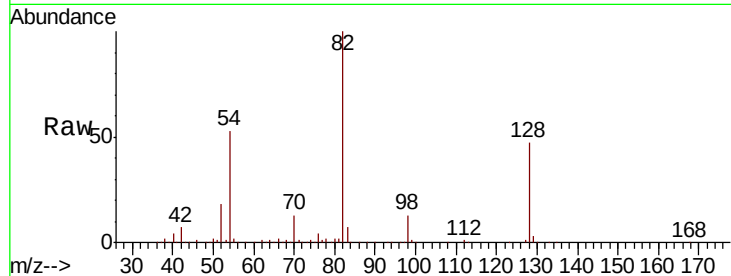




#23
 Nitrobenzene-d5
 Concen: 81.011 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	539599
Ion Ratio	100	Lower	Upper
128	46.7	34.2	51.2
54	53.5	38.6	58.0

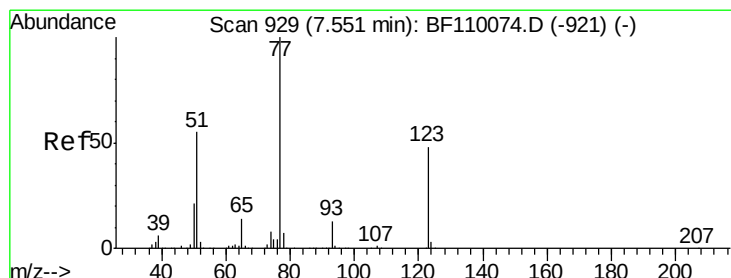
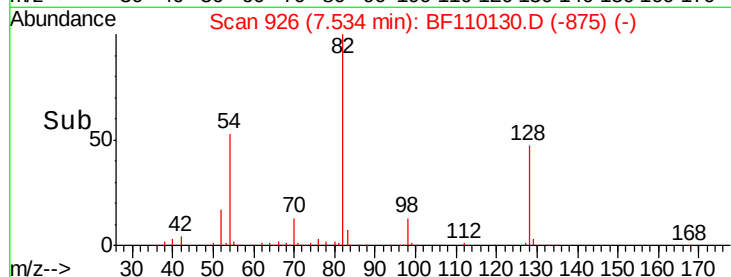
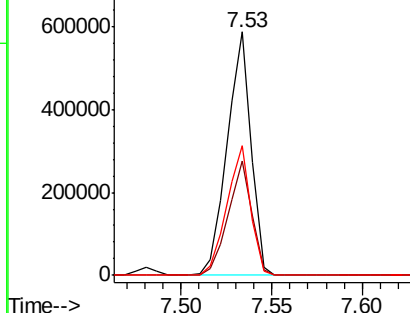


Abundance

Ion 82.00 (81.70 to 82.70): BF1

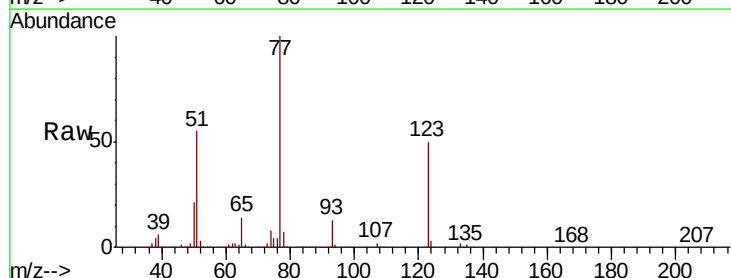
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 40.671 ng
 RT: 7.55 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Tgt Ion	77	Resp	279687
Ion Ratio	100	Lower	Upper
123	49.5	35.7	53.5
65	13.7	10.7	16.1

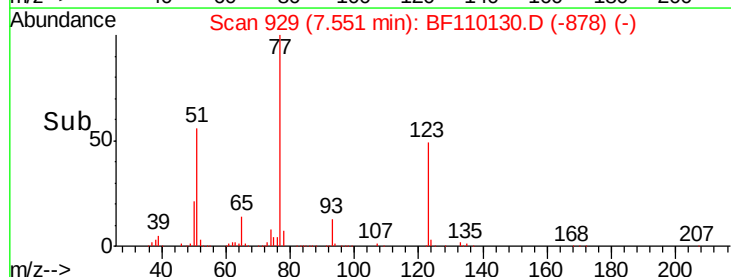
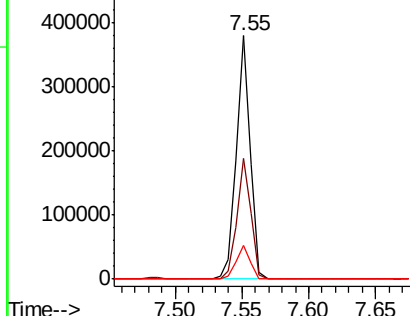


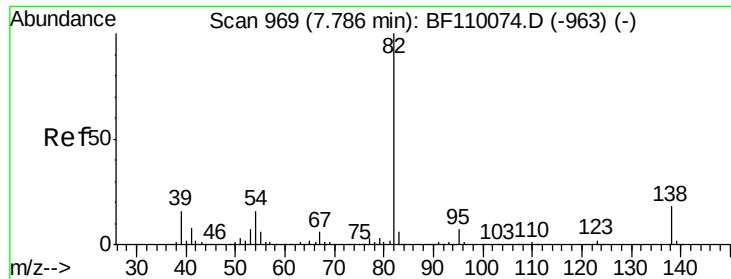
Abundance

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

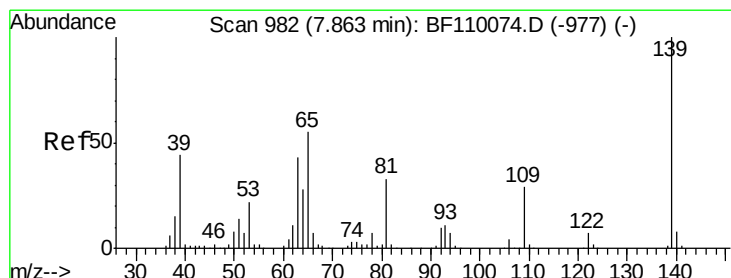
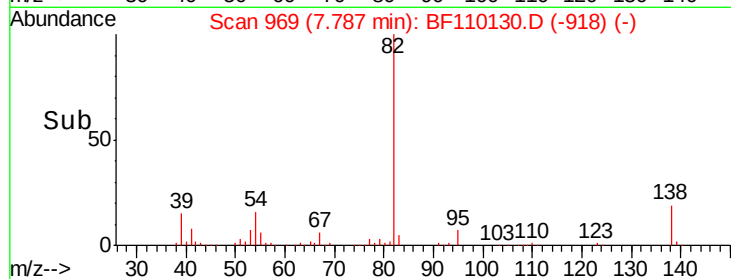
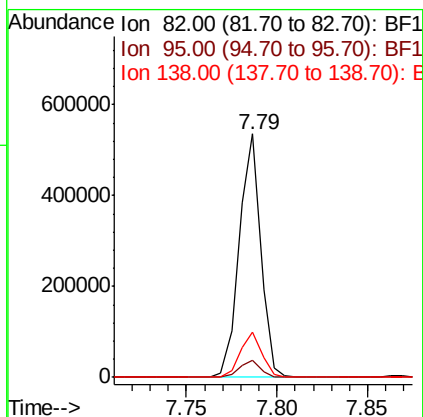
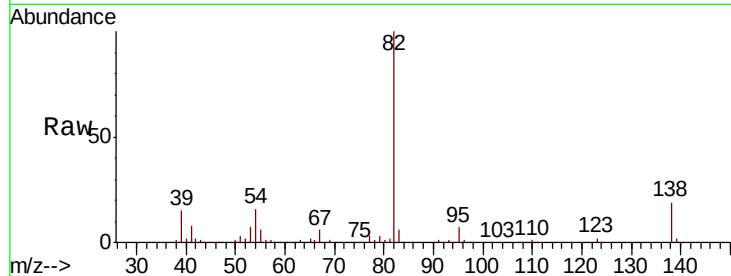




#25
Isophorone
Concen: 39.081 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

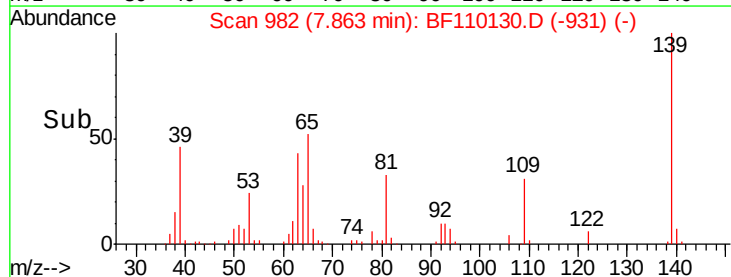
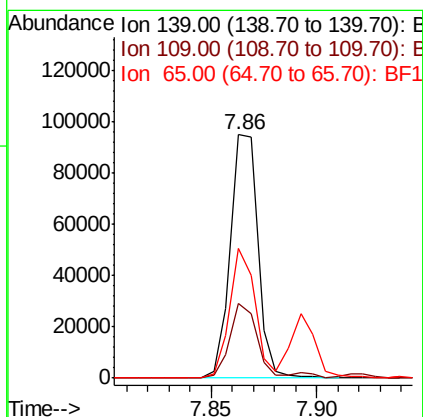
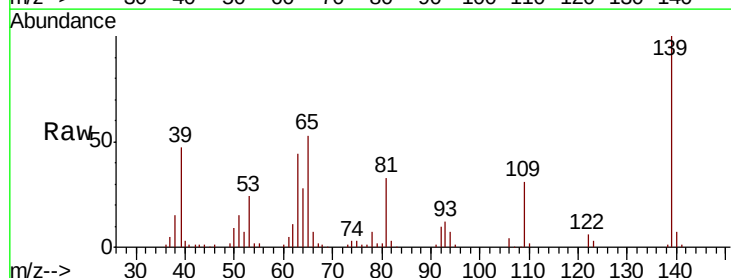
Instrument :
BNA_F
ClientSampleId :

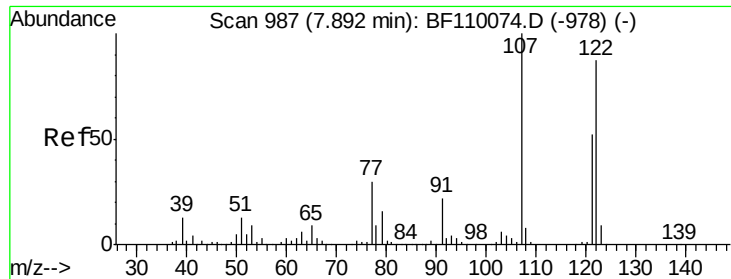
Tot Ion: 82 Resp: 443726
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.7 13.2 19.8



#26
2-Nitrophenol
Concen: 26.063 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion: 139 Resp: 85290
Ion Ratio Lower Upper
139 100
109 30.6 25.0 37.6
65 53.1 44.0 66.0

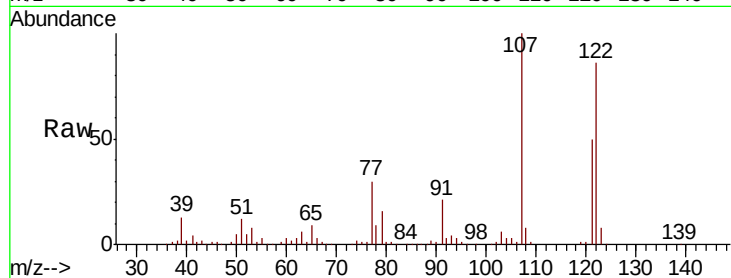




#27
2,4-Dimethylphenol
Concen: 38.875 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	92.5	138.7
121	58.5	45.8	68.8

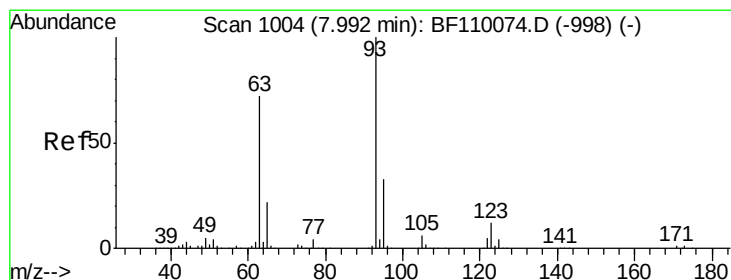
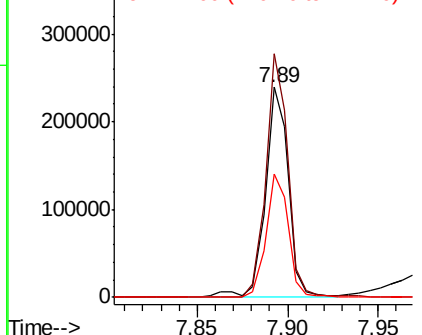
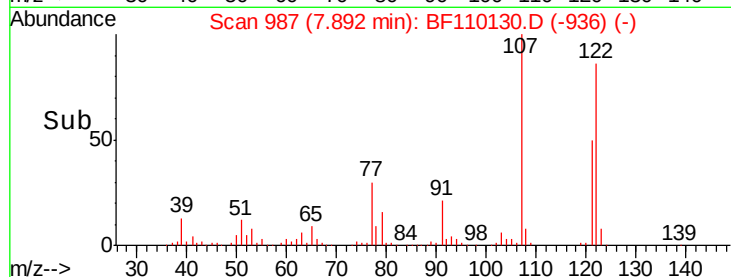


Abundance

Ion 122.00 (121.70 to 122.70): E

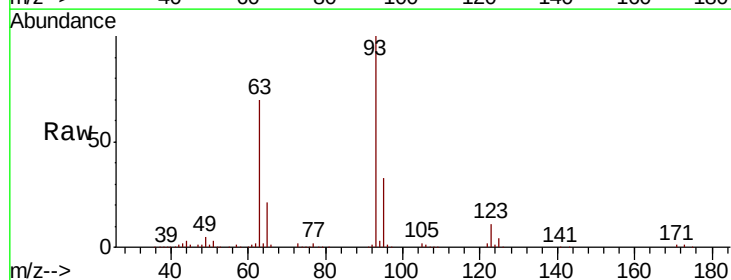
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.471 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	10.9	9.0	13.6

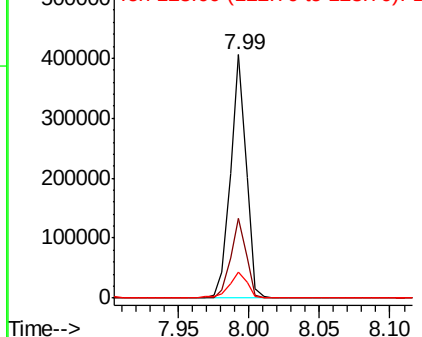
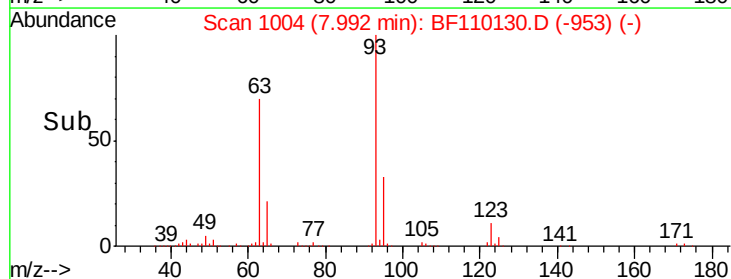


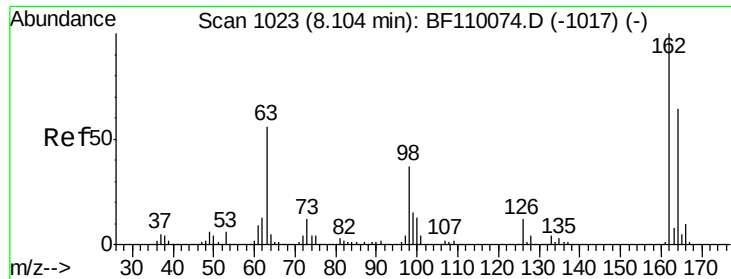
Abundance

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

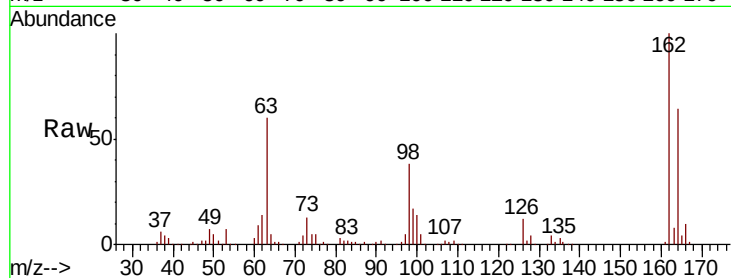




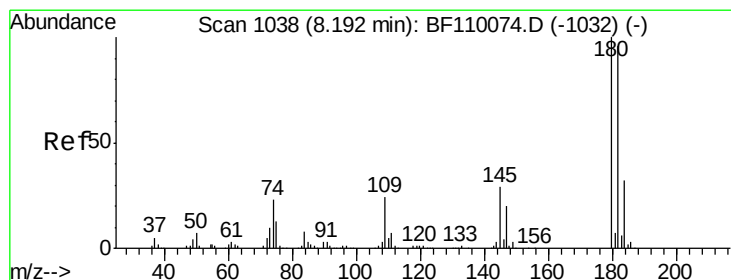
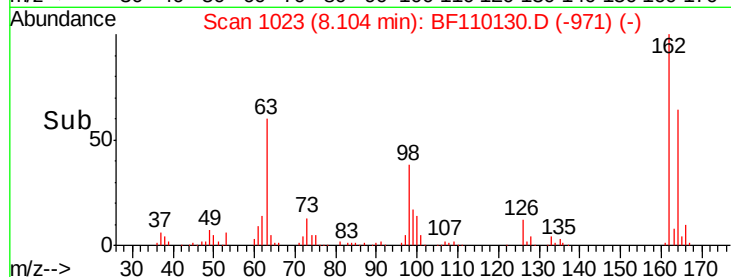
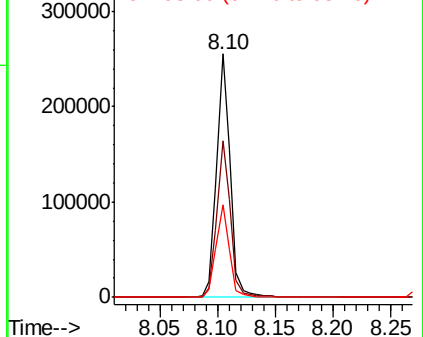
#29
2,4-Dichlorophenol
Concen: 38.076 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	38.2	17.4	57.4

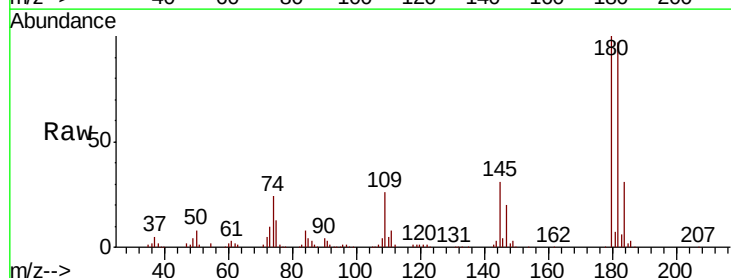


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

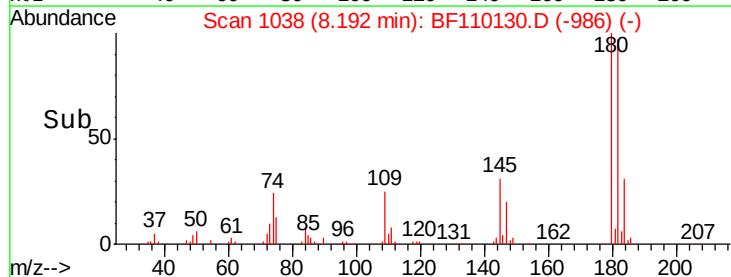
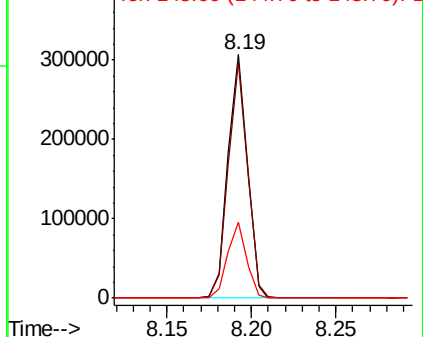


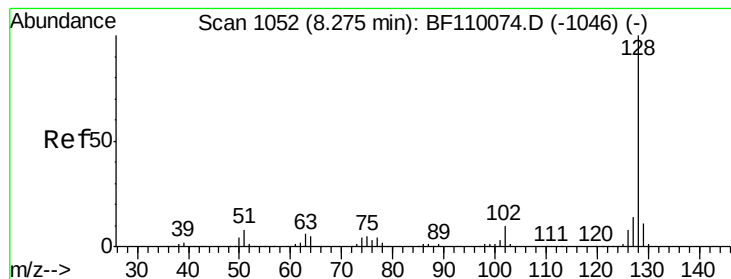
#30
1,2,4-Trichlorobenzene
Concen: 39.967 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	80.3	120.5
145	31.3	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: 39.519 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampled :

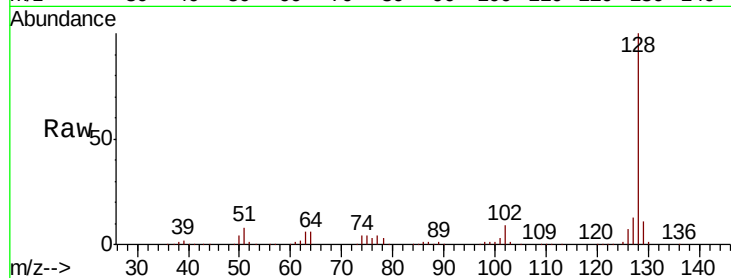
Tot Ion:128 Resp: 719589

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

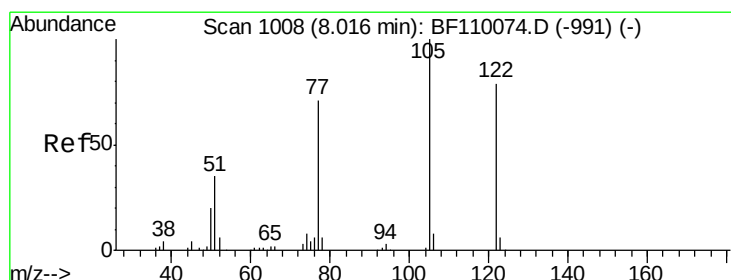
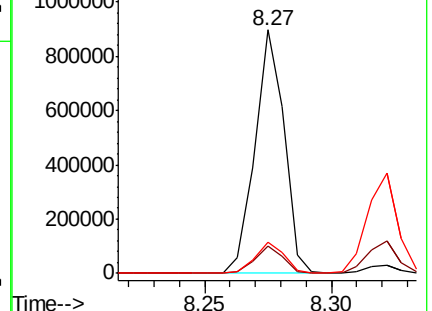
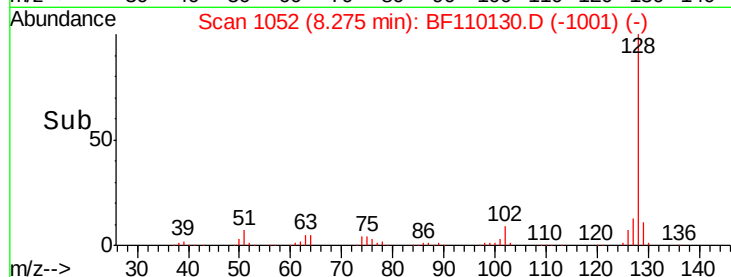
127 12.9 10.8 16.2



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: 6.883 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

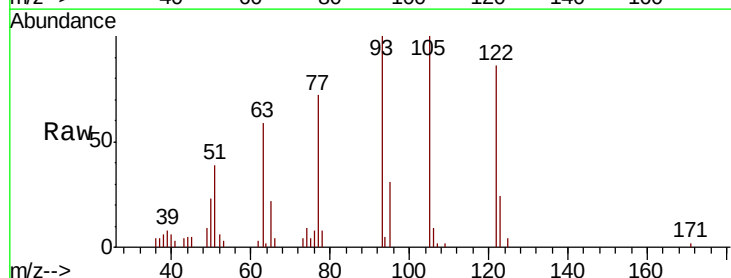
Tgt Ion:122 Resp: 28864

Ion Ratio Lower Upper

122 100

105 116.2 109.0 149.0

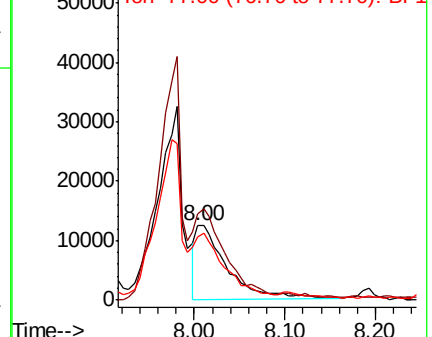
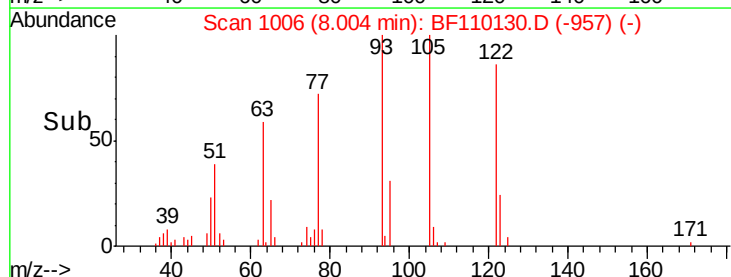
77 84.3 79.0 119.0

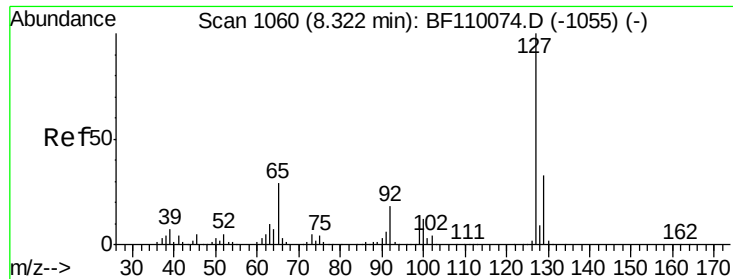


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

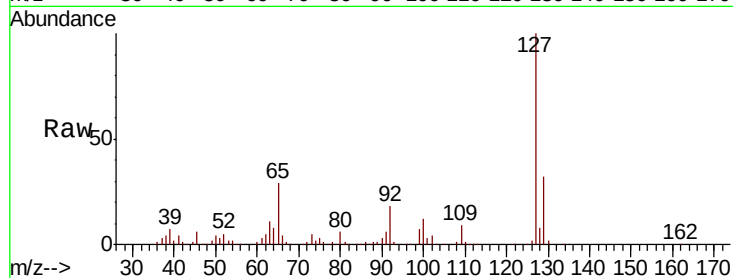




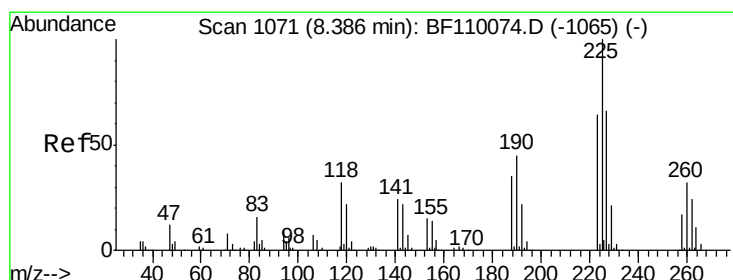
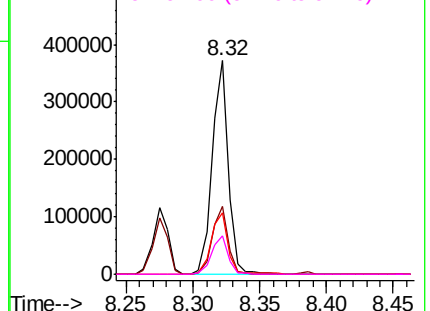
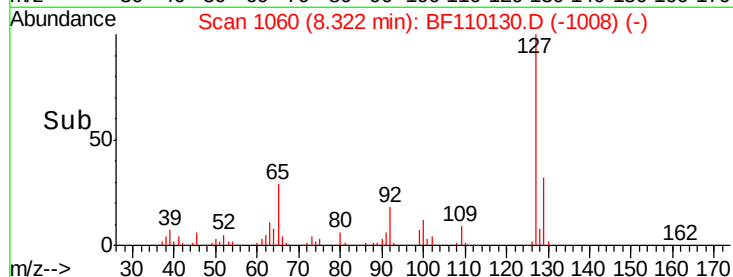
#33
4-Chloroaniline
Concen: 38.264 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	313570
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	28.8	25.1	37.7
92	17.9	15.0	22.6

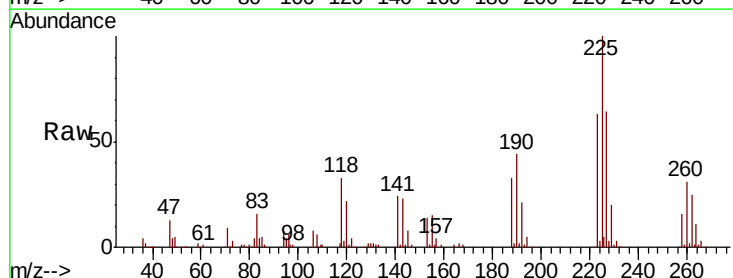


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

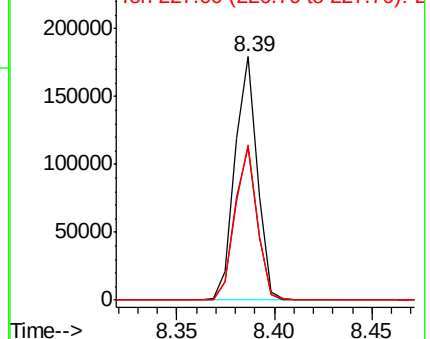
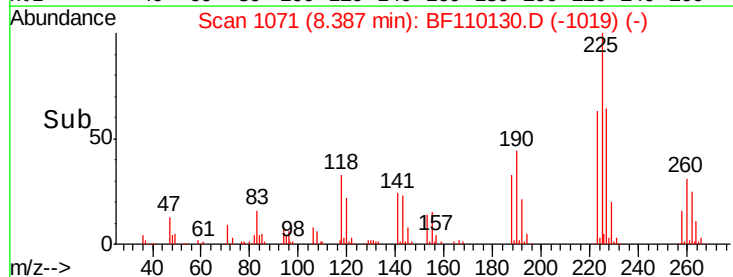


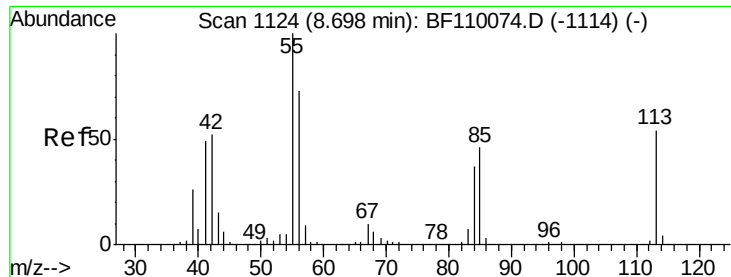
#34
Hexachlorobutadiene
Concen: 41.929 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion:	225	Resp:	142939
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.4	77.2
227	63.7	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

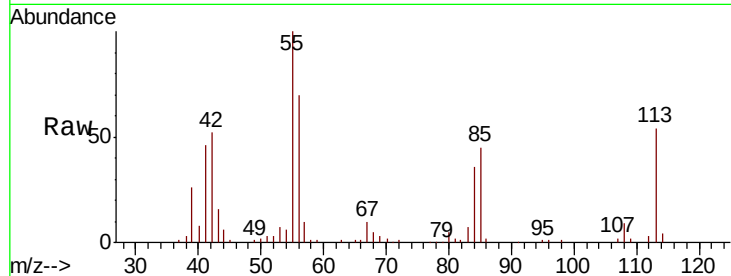




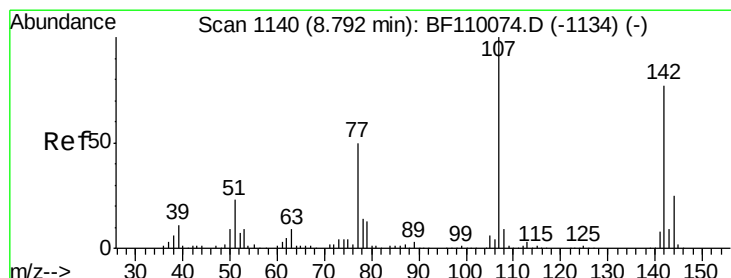
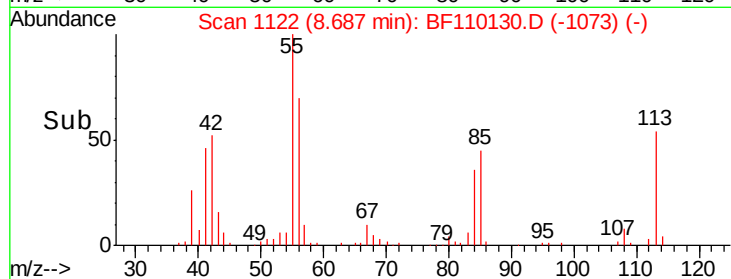
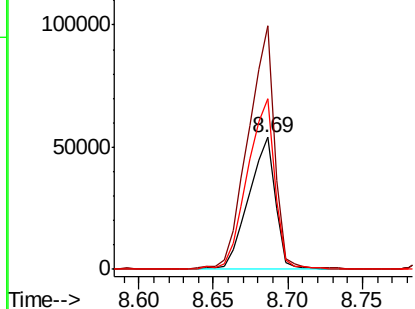
#35
 Caprolactam
 Concen: 35.025 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 66915
 Ion Ratio Lower Upper
 113 100
 55 184.4 142.8 182.8#
 56 129.5 105.0 145.0

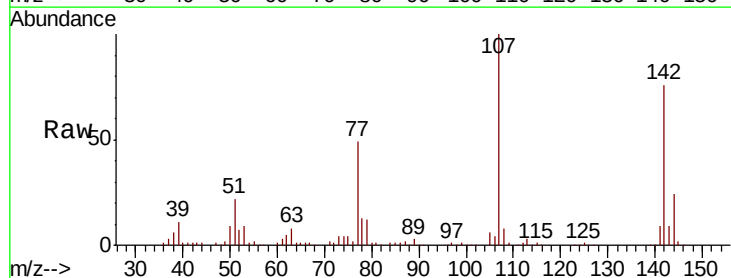


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

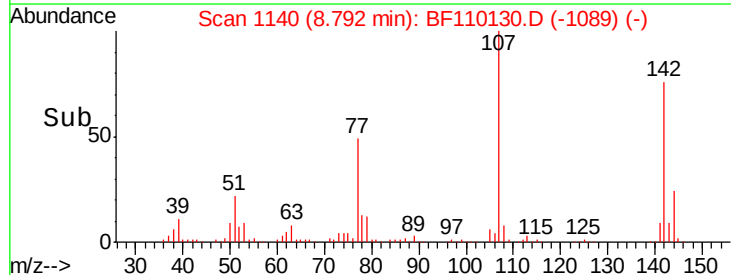
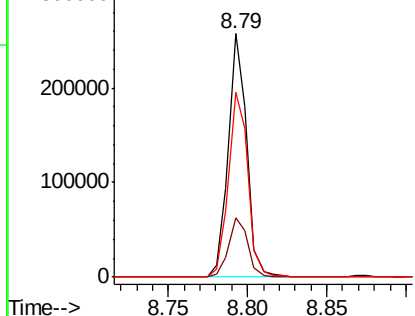


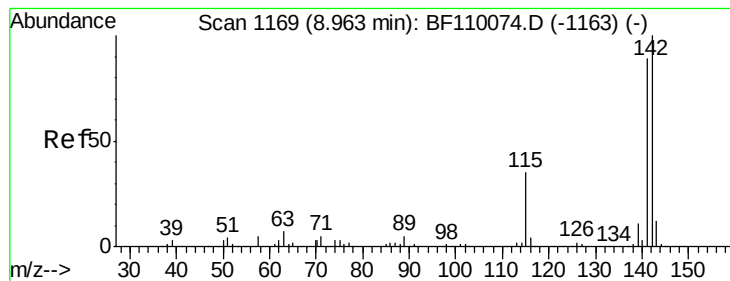
#36
 4-Chloro-3-methylphenol
 Concen: 35.081 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Tgt Ion:107 Resp: 207935
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.0 30.0
 142 75.9 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: 36.748 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

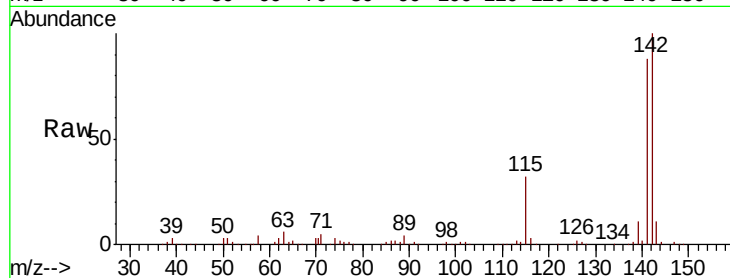
Tot Ion:142 Resp: 442713

Ion Ratio Lower Upper

142 100

141 87.8 71.4 107.2

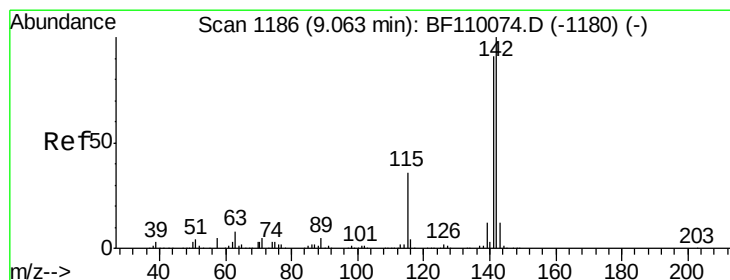
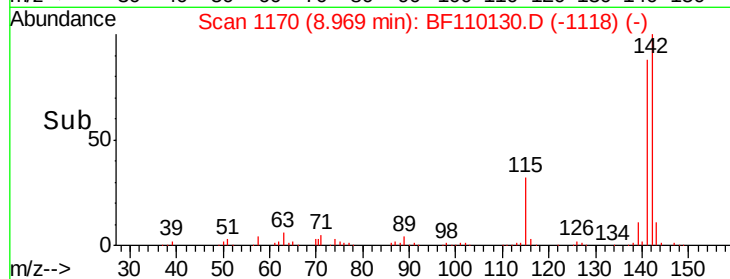
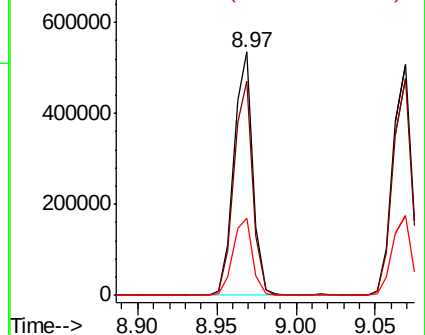
115 31.6 28.7 43.1



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: 35.723 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

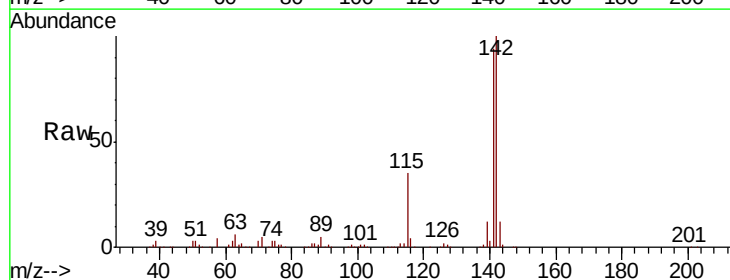
Tgt Ion:142 Resp: 415897

Ion Ratio Lower Upper

142 100

141 93.5 74.2 111.4

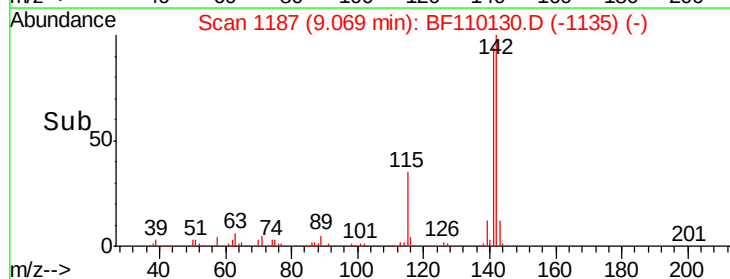
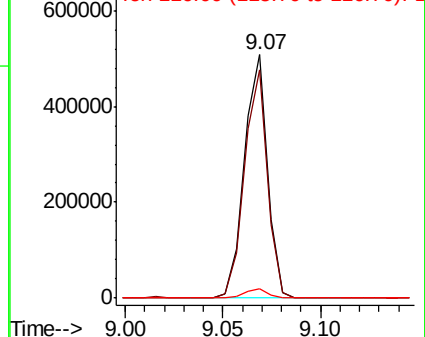
116 3.6 2.6 4.0

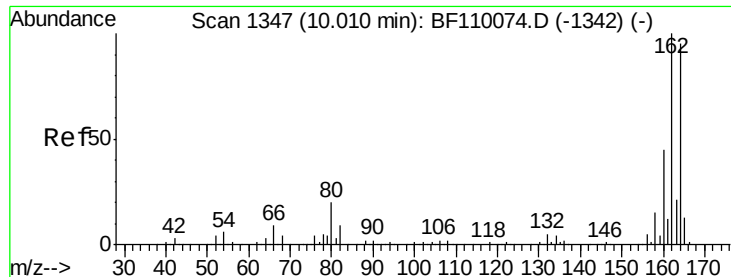


Abundance Ion 142.00 (141.70 to 142.70): E

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. 0.00 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

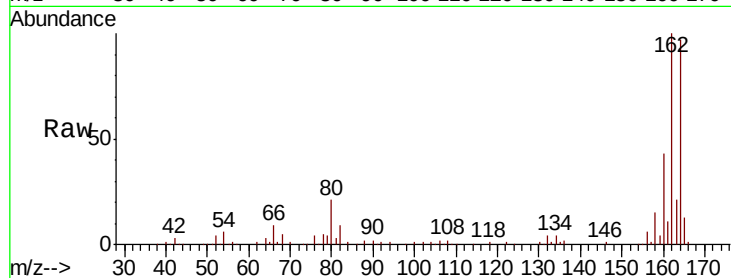
Tot Ion:164 Resp: 156940

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.6

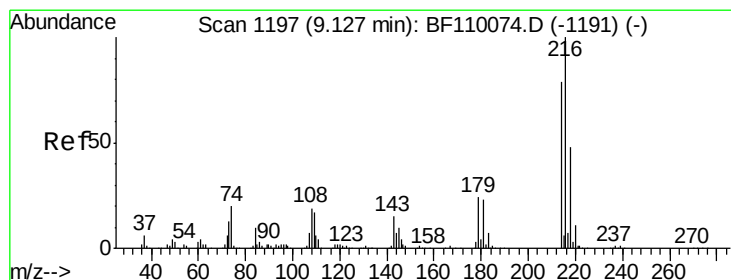
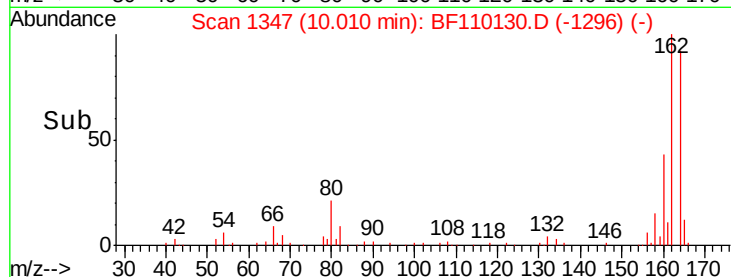
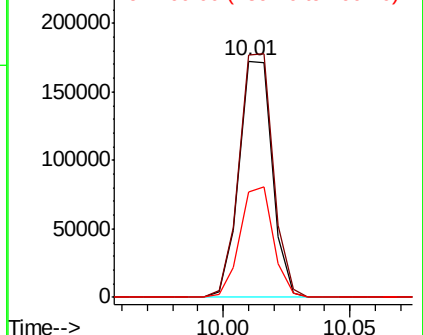
160 44.5 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.011 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Tgt Ion:216 Resp: 210319

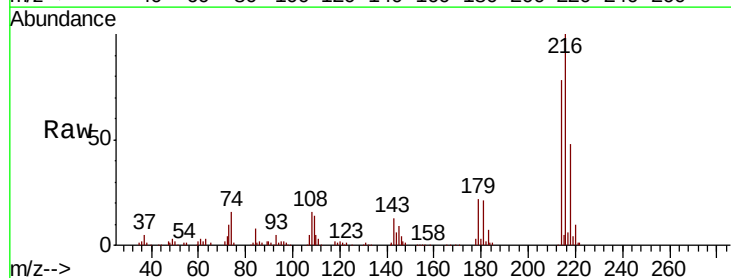
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 23.1 16.6 25.0

108 17.8 15.1 22.7

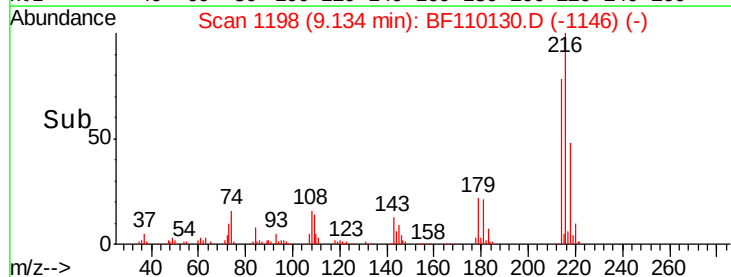
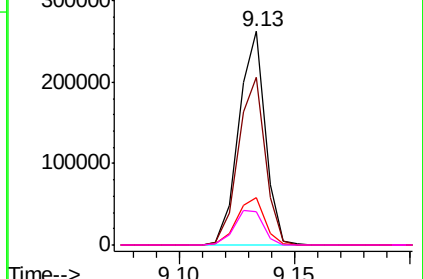


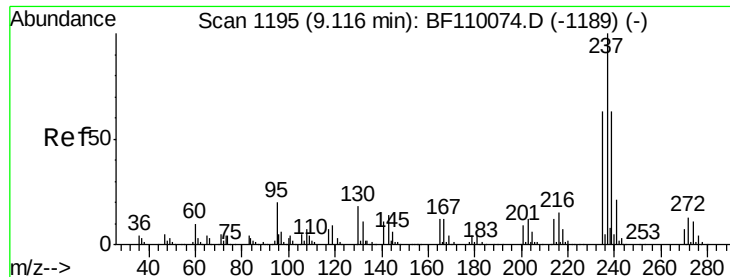
Abundance Ion 216.00 (215.70 to 216.70): E

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

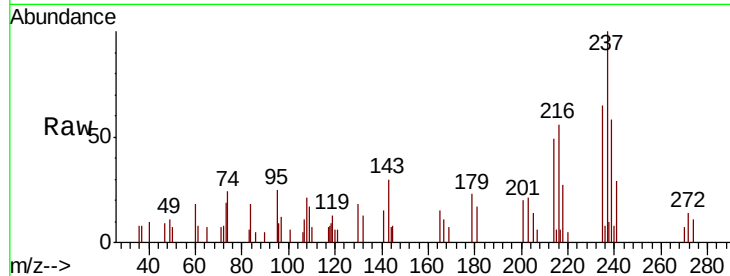




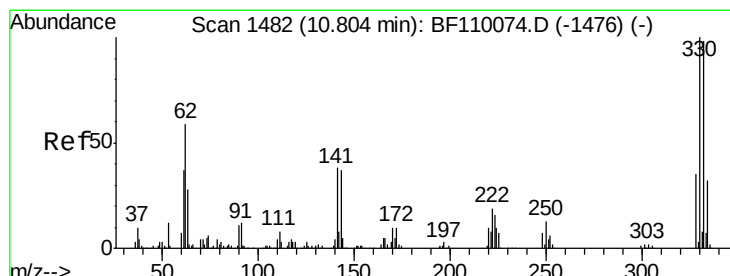
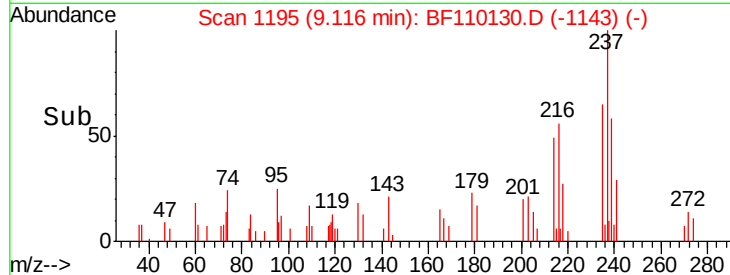
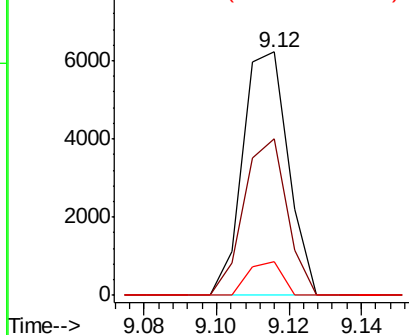
#41
Hexachlorocyclopentadiene
Concen: 2.191 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 5478
Ion Ratio Lower Upper
237 100
235 64.5 43.1 83.1
272 13.6 0.0 32.6

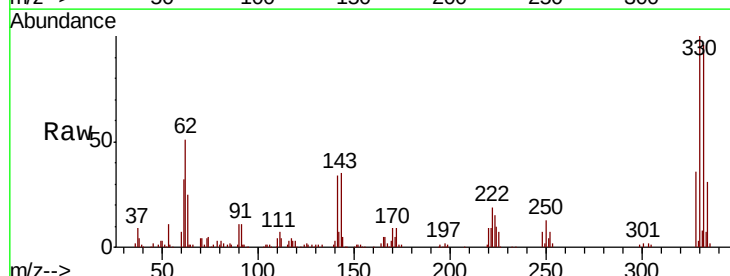


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

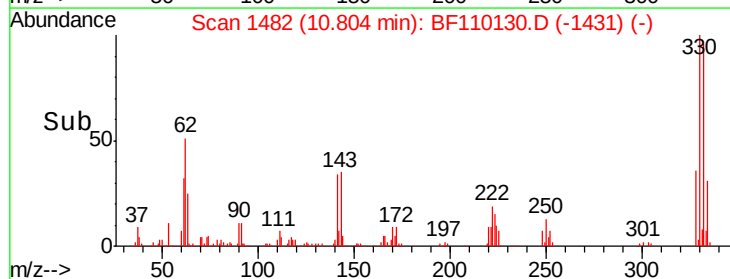
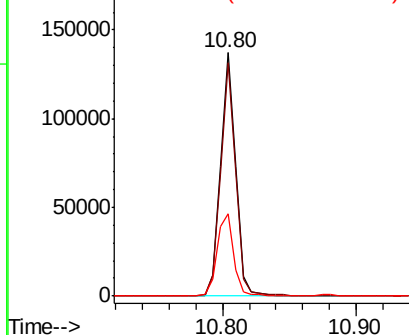


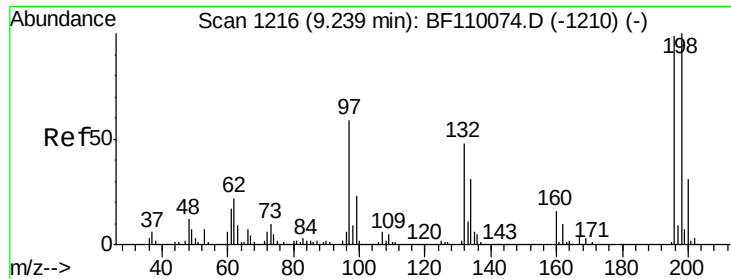
#42
2,4,6-Tribromophenol
Concen: 71.182 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion:330 Resp: 110659
Ion Ratio Lower Upper
330 100
332 95.6 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

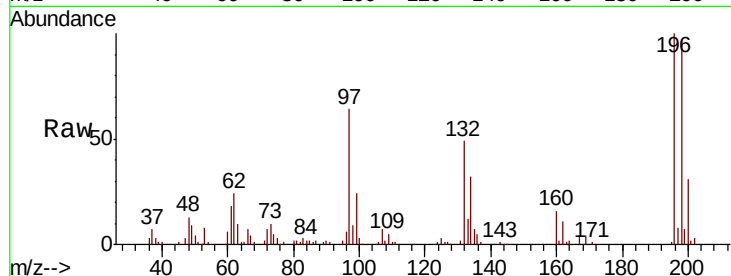




#43
 2,4,6-Trichlorophenol
 Concen: 40.212 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.2	114.4
200	31.0	24.4	36.6

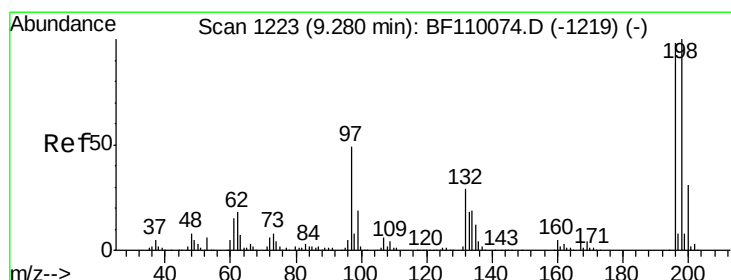
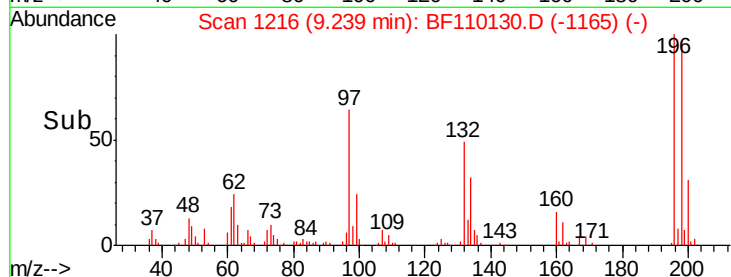
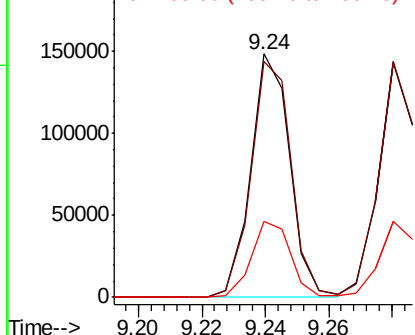


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.574 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.9	75.8	113.6
97	53.8	42.4	63.6
132	31.6	22.8	34.2

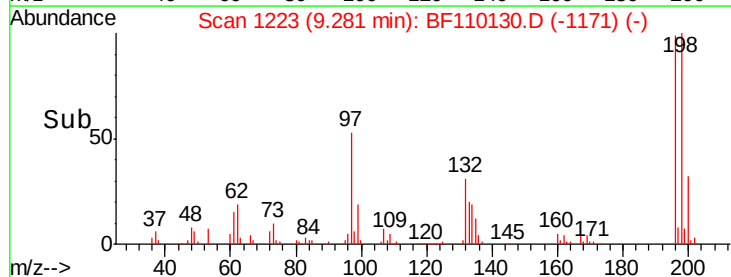
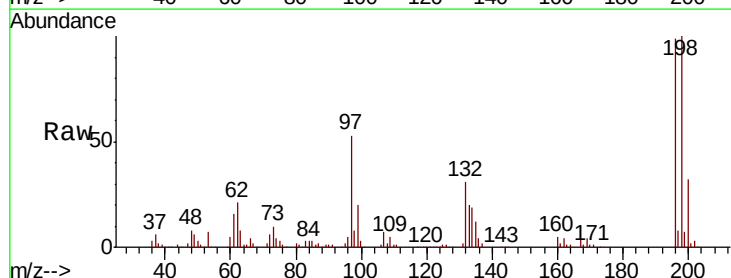
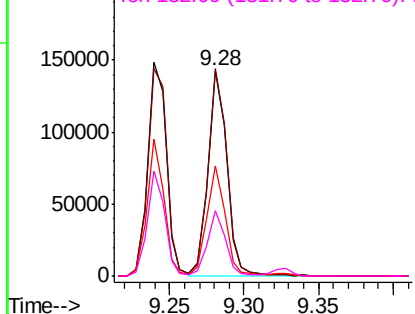
Abundance

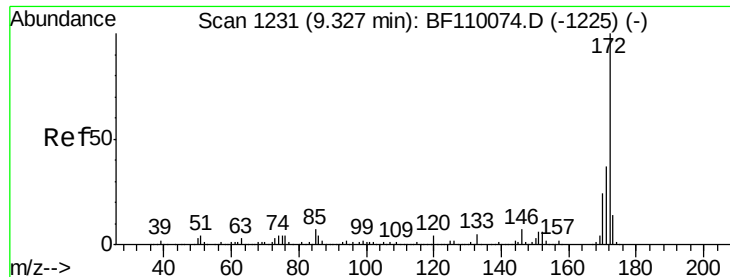
Ion 196.00 (195.70 to 196.70): E

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

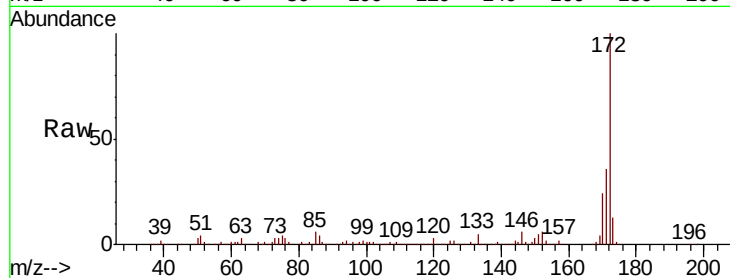




#45
2-Fluorobiphenyl
Concen: 92.193 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.8	19.7	29.5

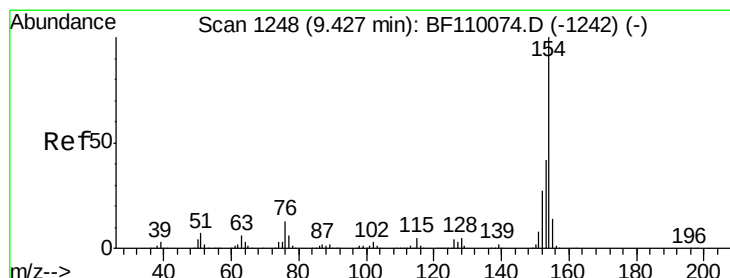
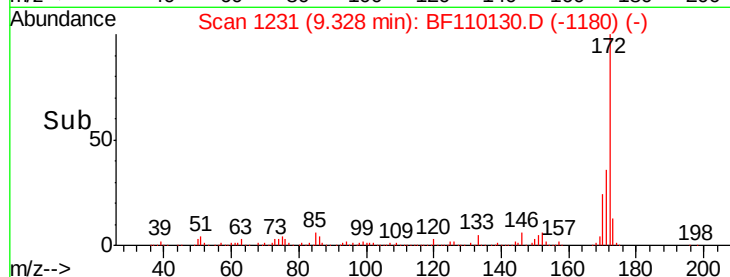
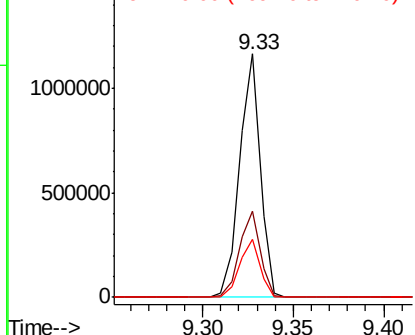


Abundance

Ion 172.00 (171.70 to 172.70): E

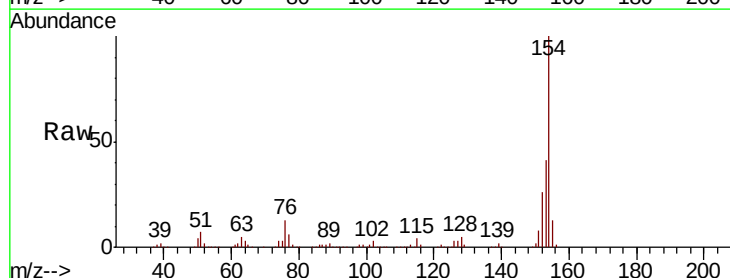
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.069 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	12.5	0.0	31.9

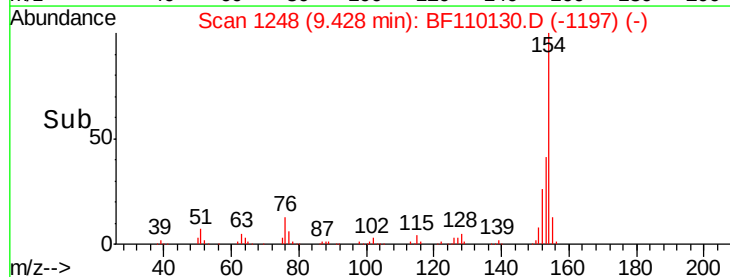
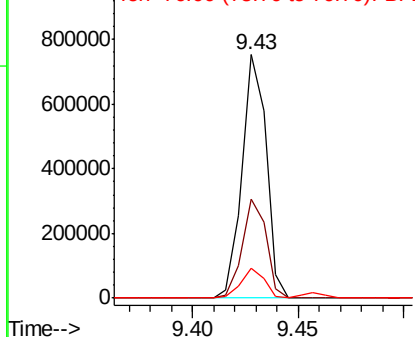


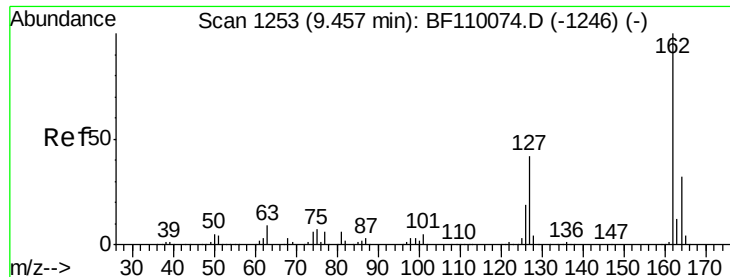
Abundance

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

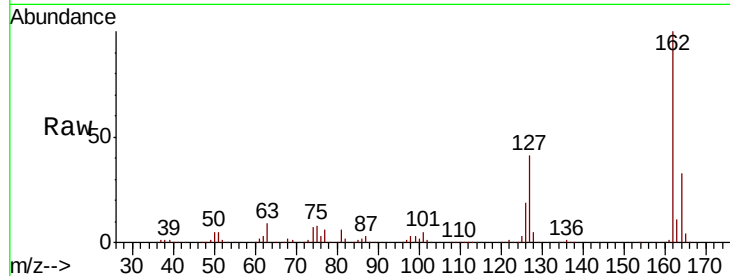




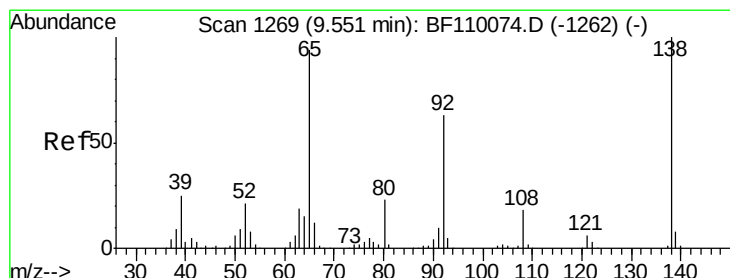
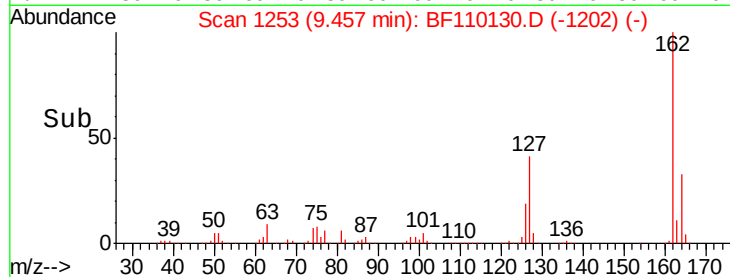
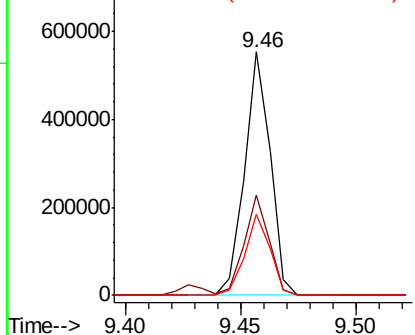
#47
 2-Chloronaphthalene
 Concen: 41.252 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.6	48.8
164	33.1	25.9	38.9

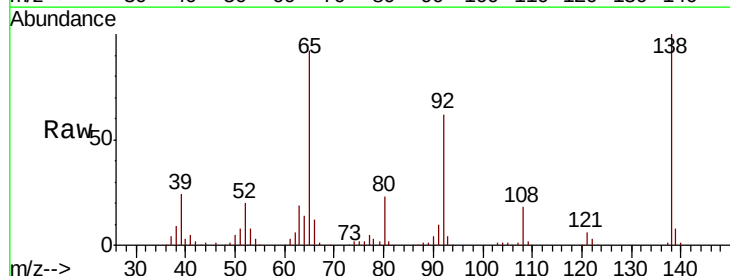


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

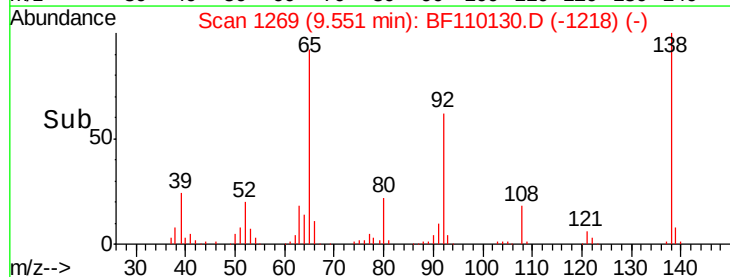
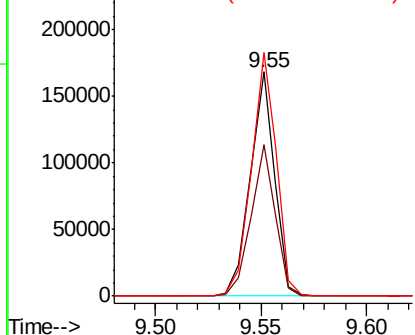


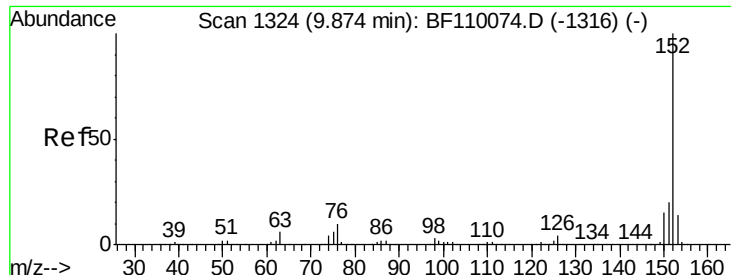
#48
 2-Nitroaniline
 Concen: 42.740 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	54.6	81.8
138	108.7	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.320 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

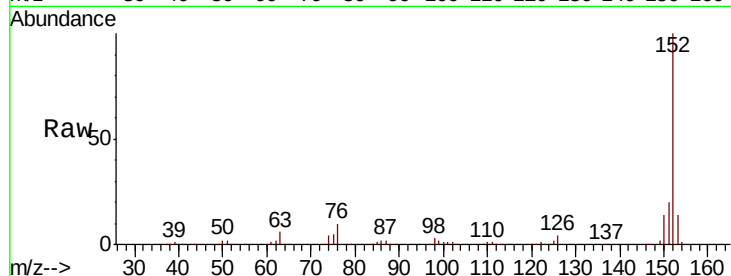
Tot Ion:152 Resp: 591212

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

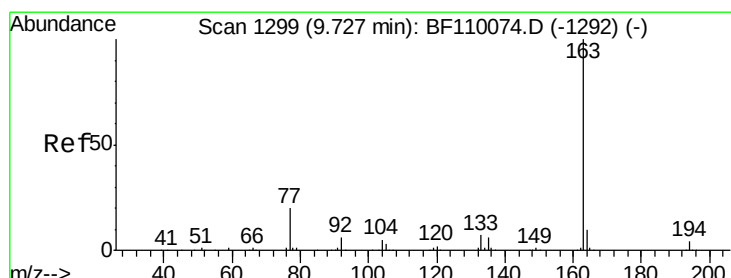
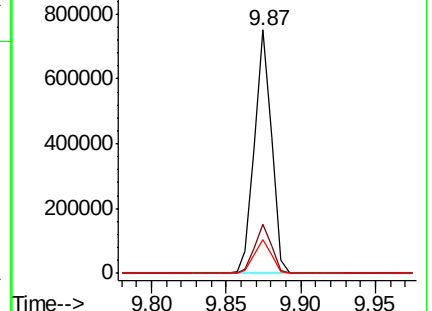
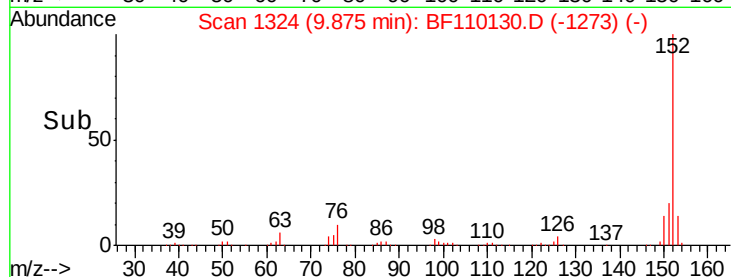
153 13.7 10.4 15.6



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: 42.281 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

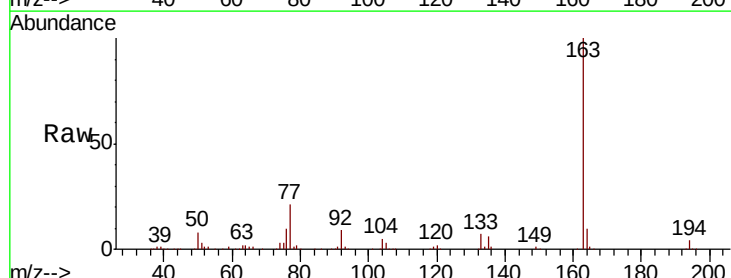
Tgt Ion:163 Resp: 489828

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

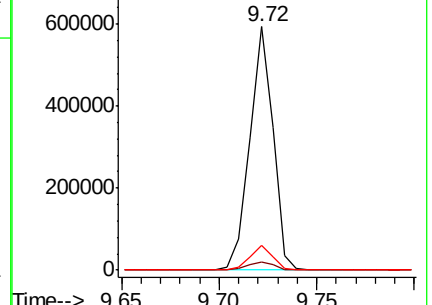
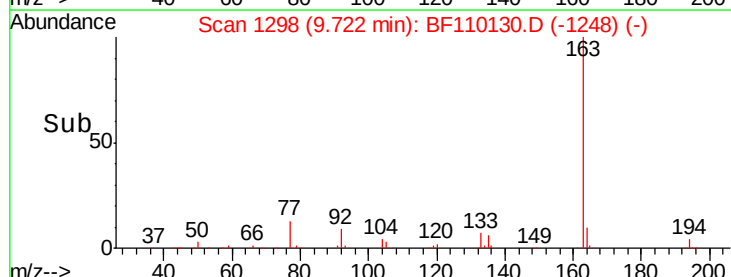
164 10.0 8.1 12.1

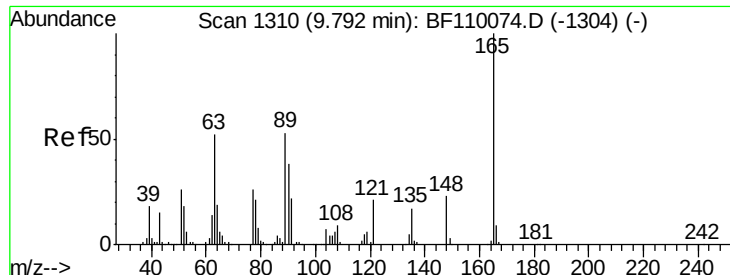


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

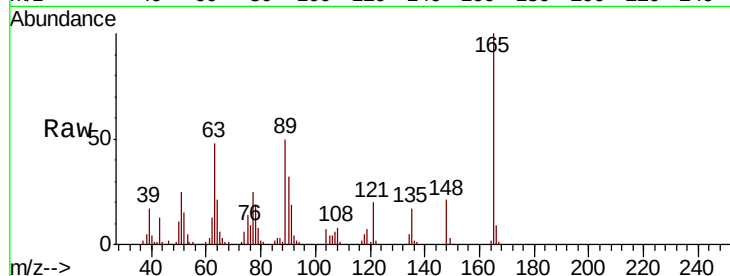




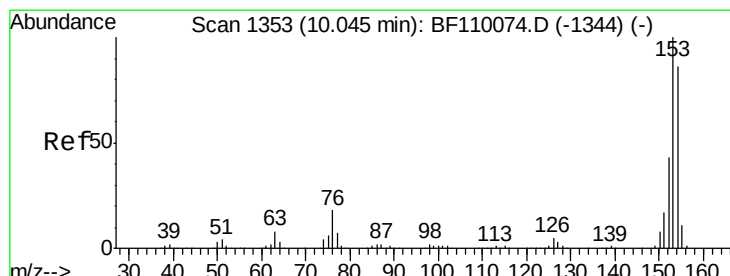
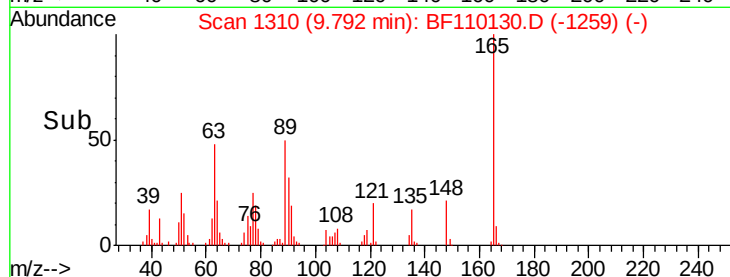
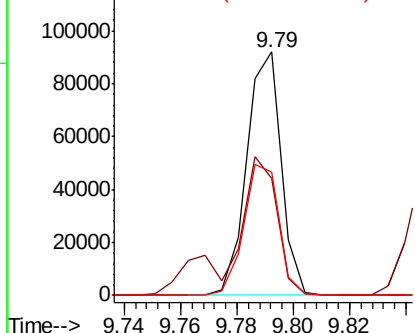
#51
 2,6-Dinitrotoluene
 Concen: 31.138 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 77702
 Ion Ratio Lower Upper
 165 100
 63 48.2 48.9 73.3#
 89 50.4 46.6 69.8

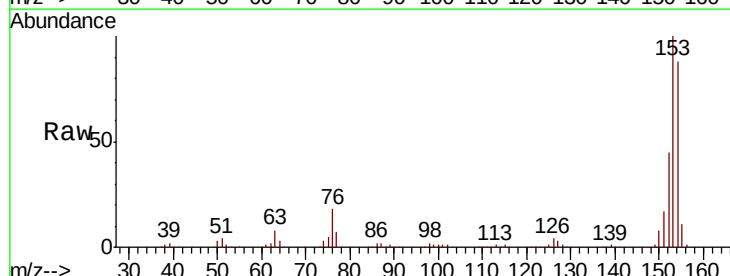


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

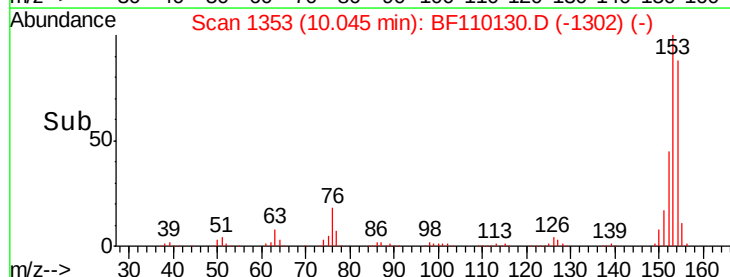
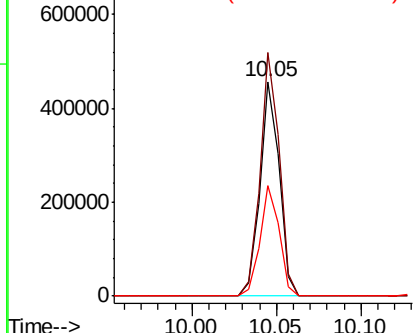


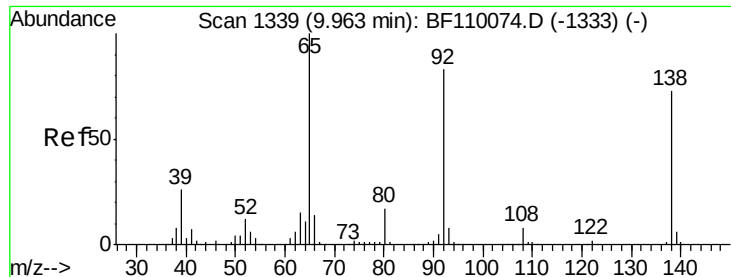
#52
 Acenaphthene
 Concen: 36.631 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Tgt Ion:154 Resp: 364375
 Ion Ratio Lower Upper
 154 100
 153 113.5 90.1 135.1
 152 51.4 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

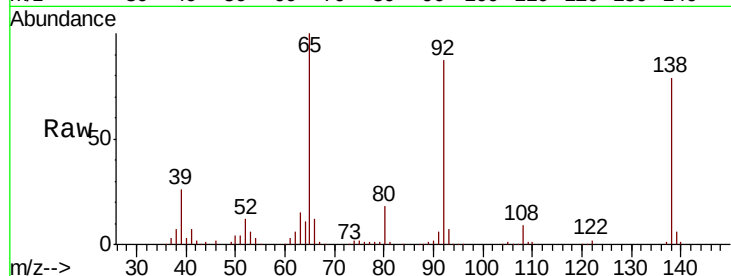




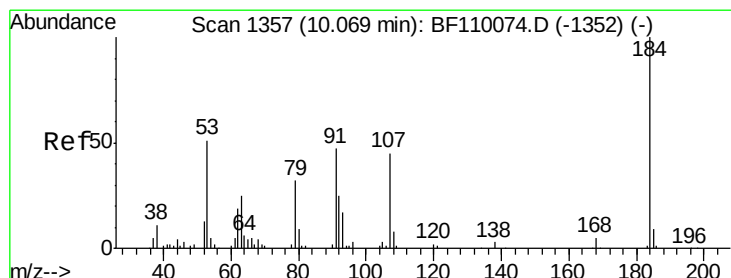
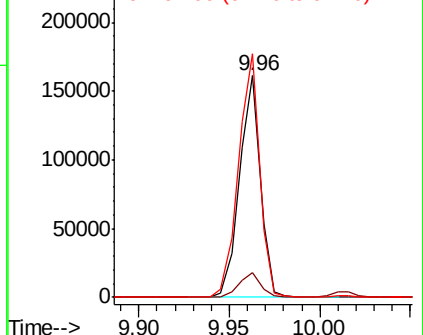
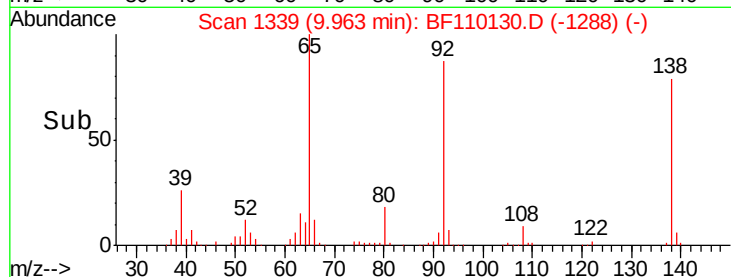
#53
3-Nitroaniline
Concen: 43.618 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 129438
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 110.0 97.0 145.4

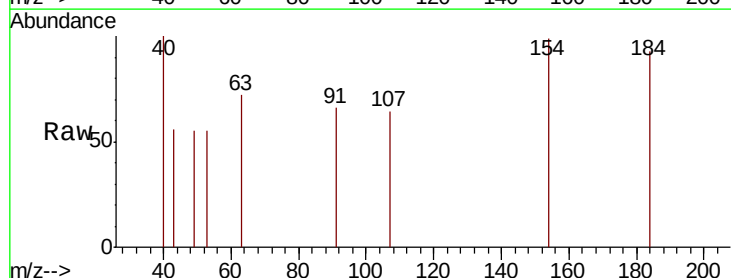


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

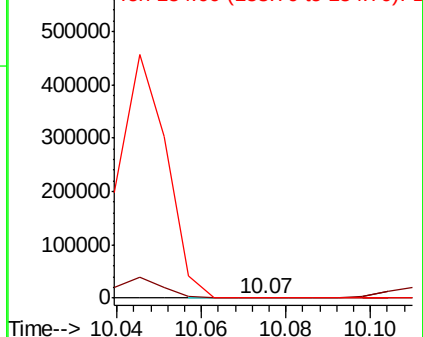
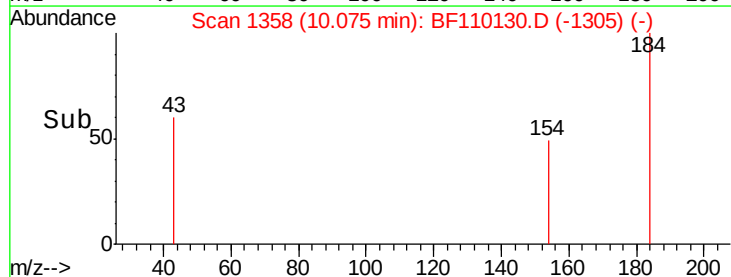


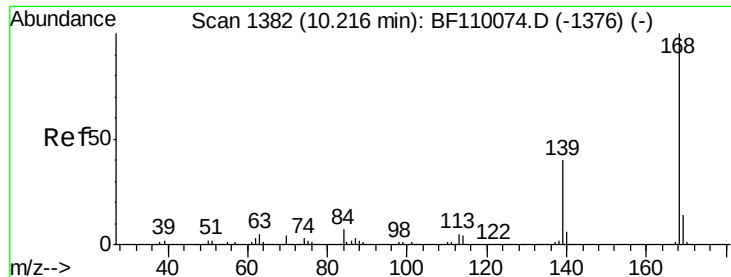
#54
2,4-Dinitrophenol
Concen: 5.638 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion:184 Resp: 490
Ion Ratio Lower Upper
184 100
63 77.0 55.8 83.6
154 106.3 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

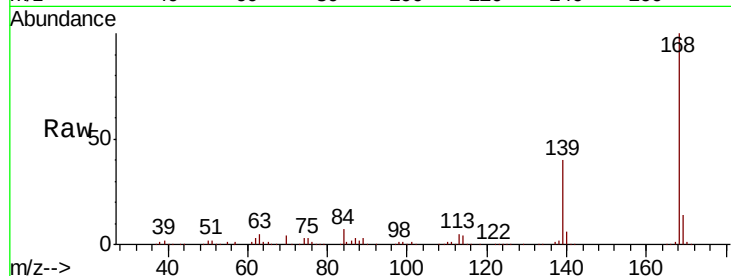




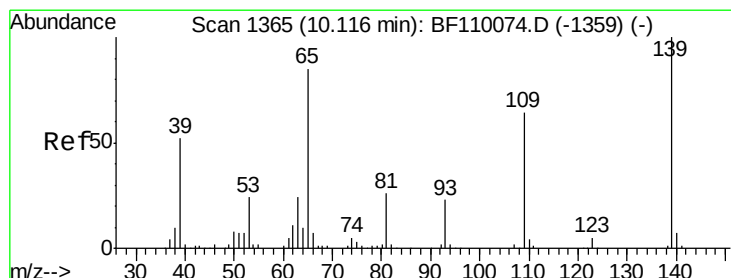
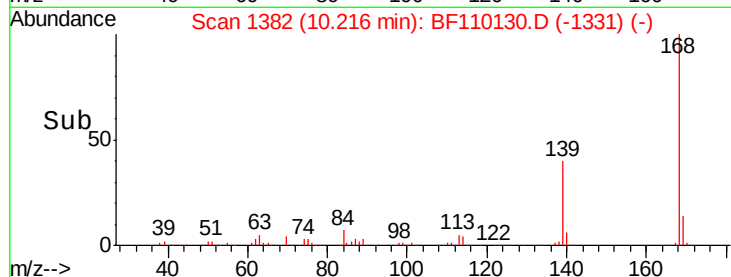
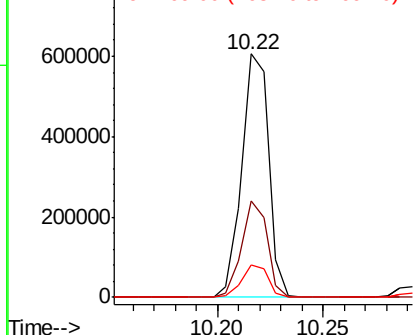
#55
Dibenzenofuran
Concen: 38.385 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 534577
Ion Ratio Lower Upper
168 100
139 39.7 33.0 49.6
169 13.5 11.3 16.9

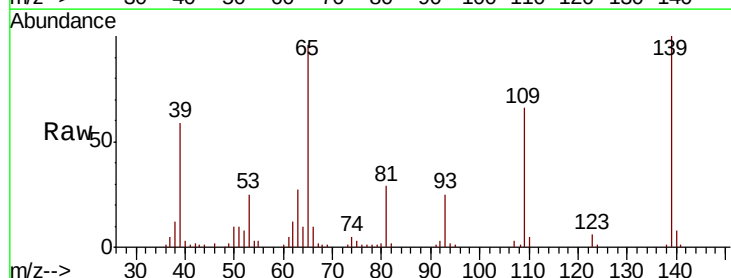


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

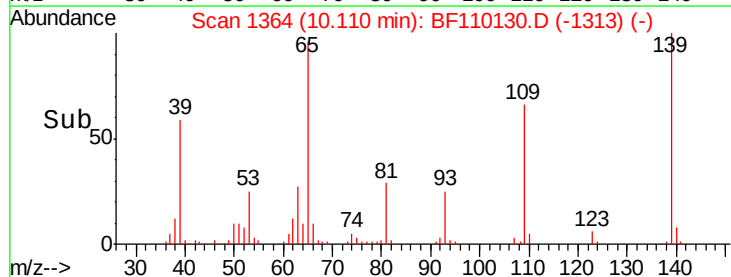
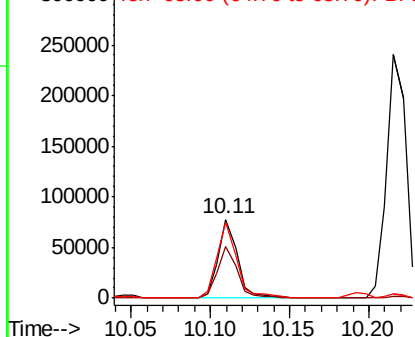


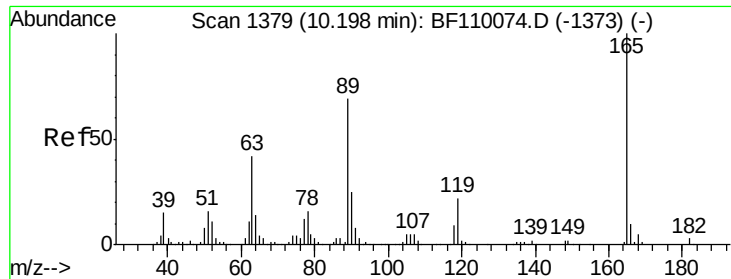
#56
4-Nitrophenol
Concen: 30.518 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion:139 Resp: 67027
Ion Ratio Lower Upper
139 100
109 65.7 55.8 95.8
65 96.2 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

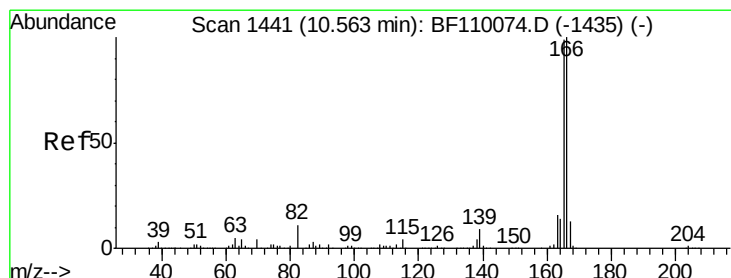
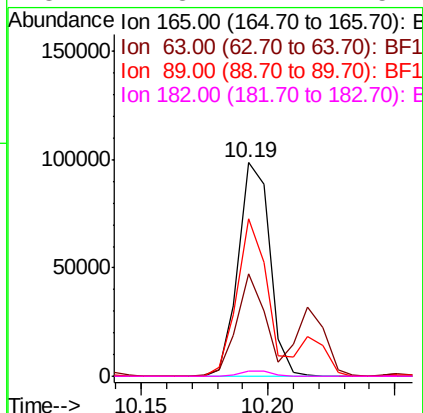
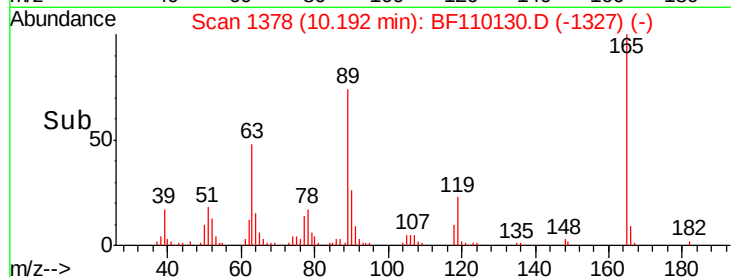
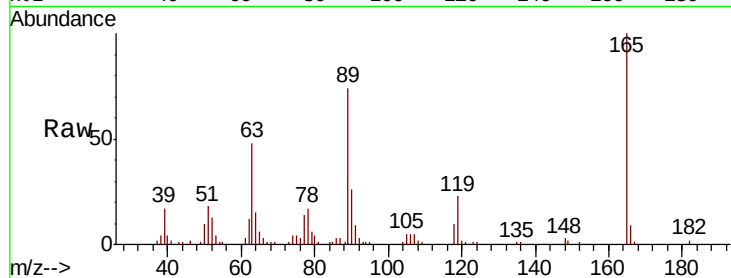




#57
2,4-Dinitrotoluene
Concen: 27.013 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

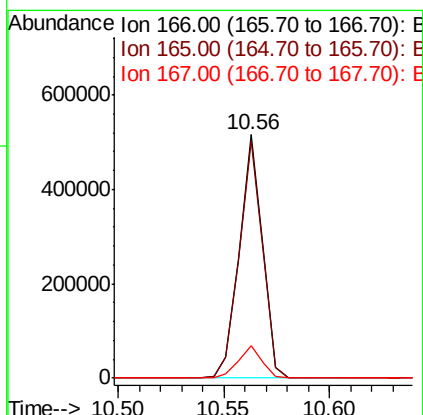
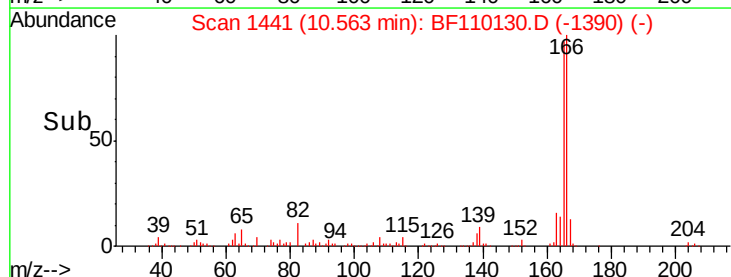
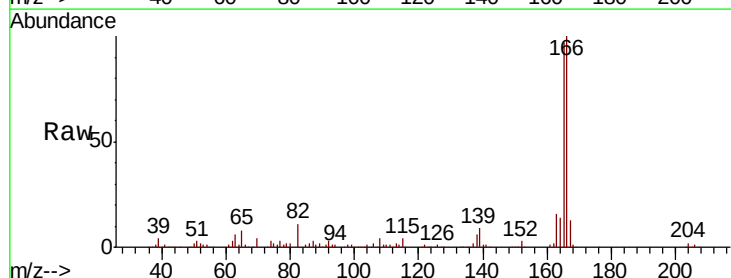
Instrument :
BNA_F
ClientSampled :

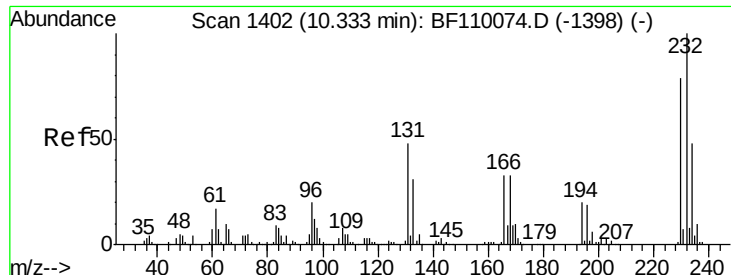
Tot Ion:165	Resp:	85622
Ion Ratio	Lower	Upper
165	100	
63	48.0	44.8 67.2
89	74.0	62.2 93.4
182	2.3	2.1 3.1



#58
Fluorene
Concen: 37.384 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion:166	Resp:	387481
Ion Ratio	Lower	Upper
166	100	
165	97.2	78.6 117.8
167	13.2	10.8 16.2

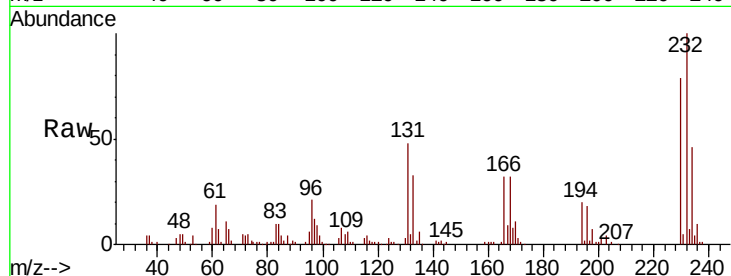




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.864 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.8	37.0	55.4
130	2.2	1.8	2.6
166	32.6	22.0	33.0



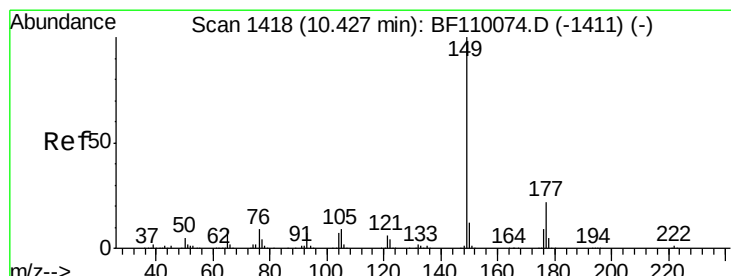
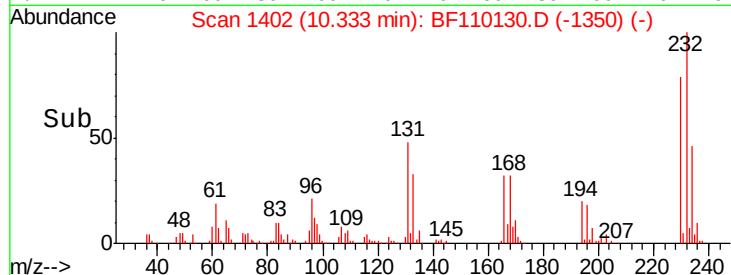
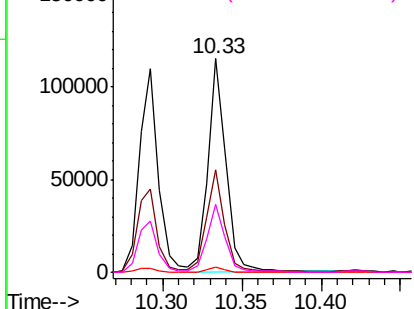
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

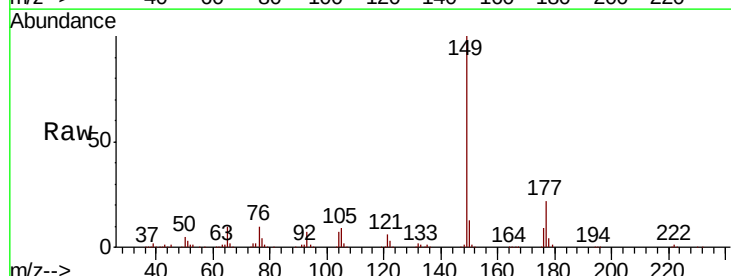
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.604 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.2
150	12.7	9.8	14.8

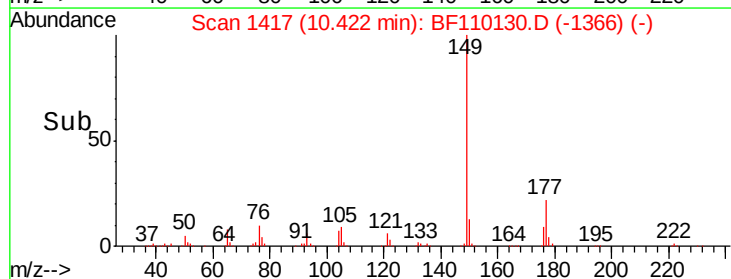
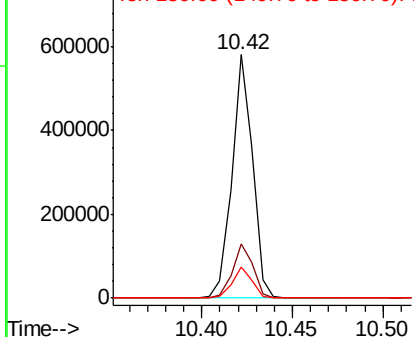


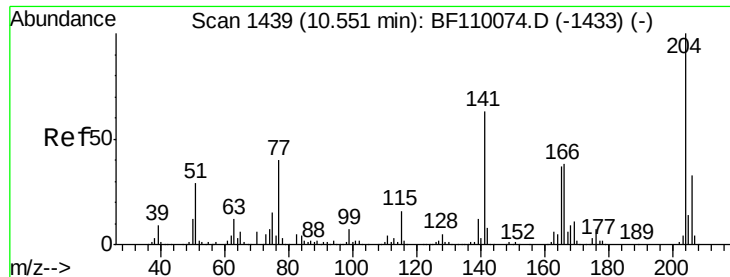
Abundance

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

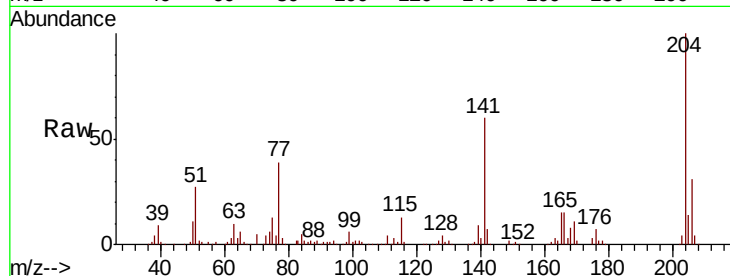




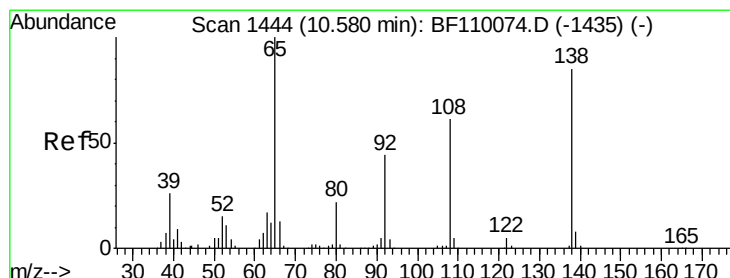
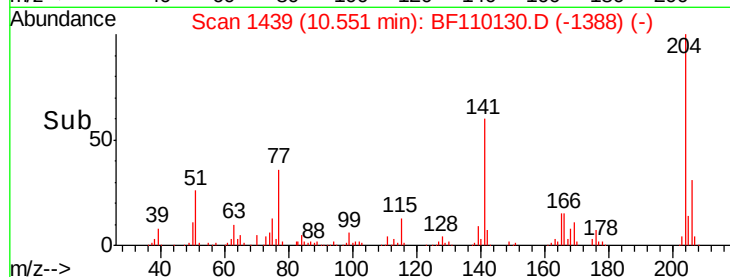
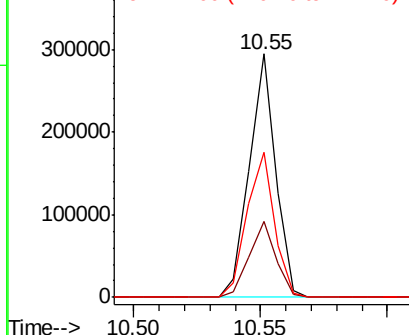
#61
4-Chlorophenyl-phenylether
Concen: 39.089 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 213730
Ion Ratio Lower Upper
204 100
206 31.1 26.5 39.7
141 59.6 51.8 77.8

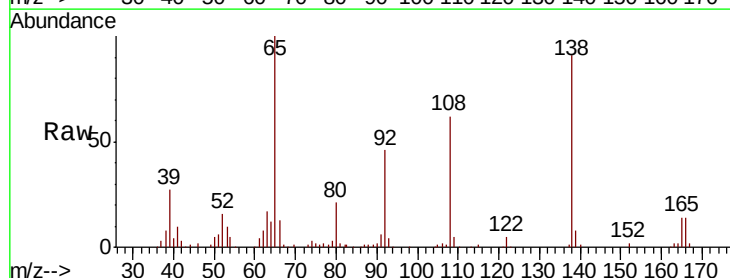


Abundance Ion 204.00 (203.70 to 204.70): E
400000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

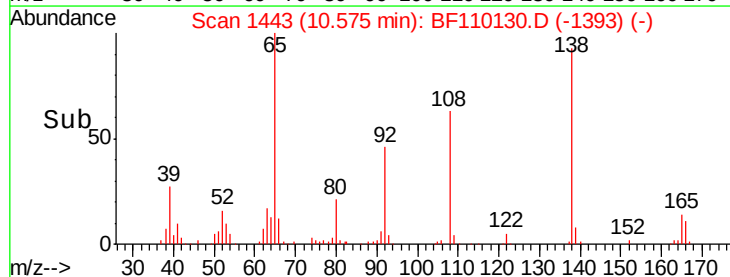
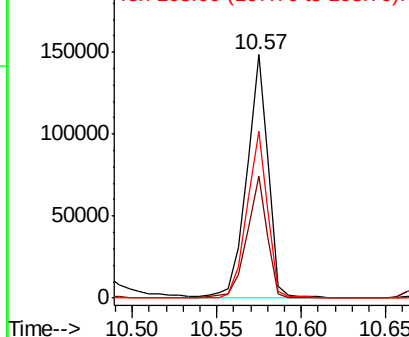


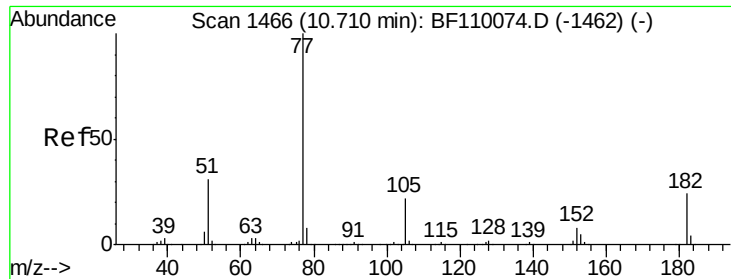
#62
4-Nitroaniline
Concen: 44.133 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion:138 Resp: 130259
Ion Ratio Lower Upper
138 100
92 49.9 31.7 71.7
108 68.3 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E
200000
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 35.865 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 402595

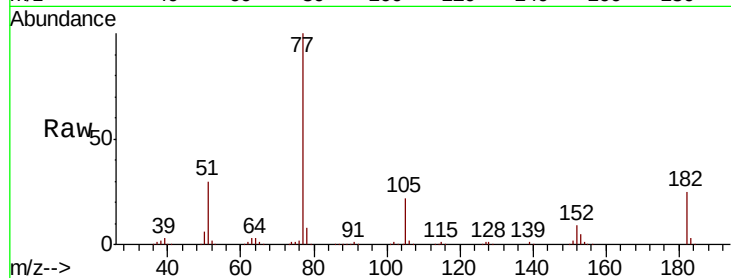
Ion Ratio Lower Upper

77 100

182 24.7 4.3 44.3

105 22.1 1.3 41.3

51 30.4 9.0 49.0

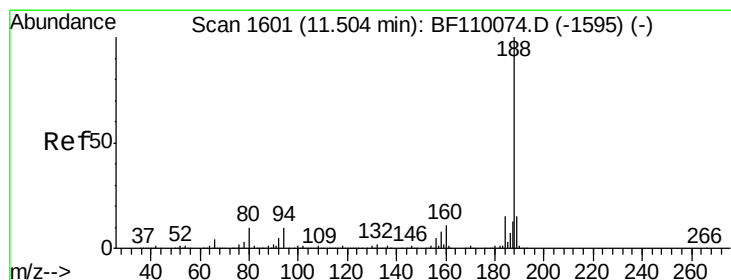
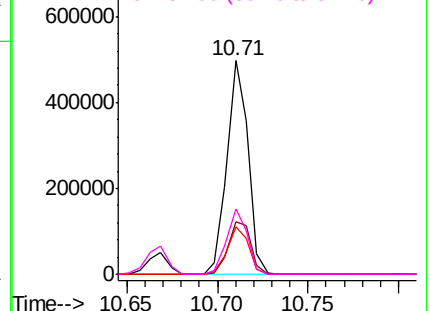
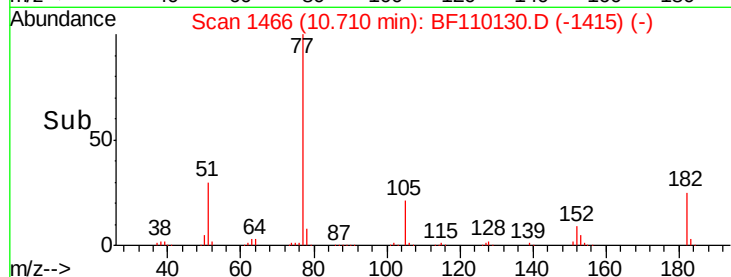


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

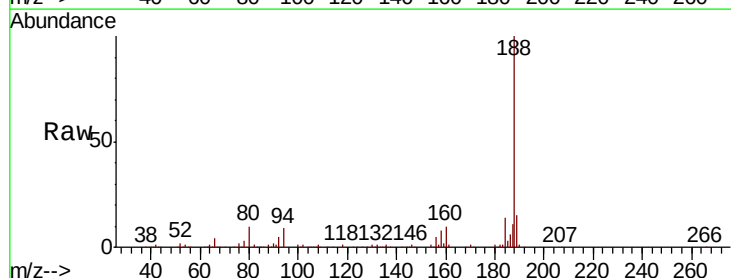
Tgt Ion: 188 Resp: 275438

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

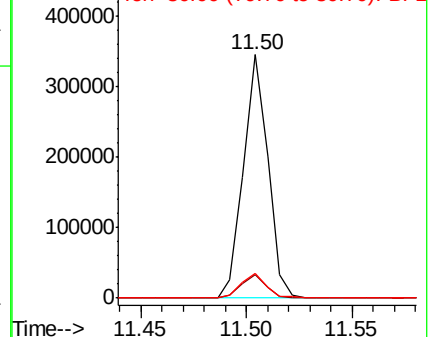
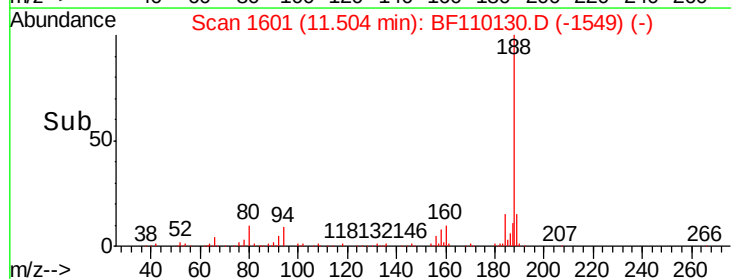
80 10.3 7.9 11.9

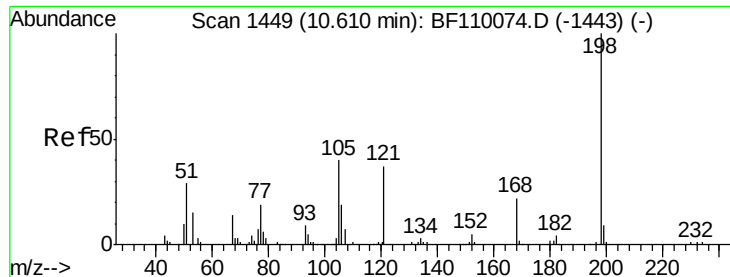


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

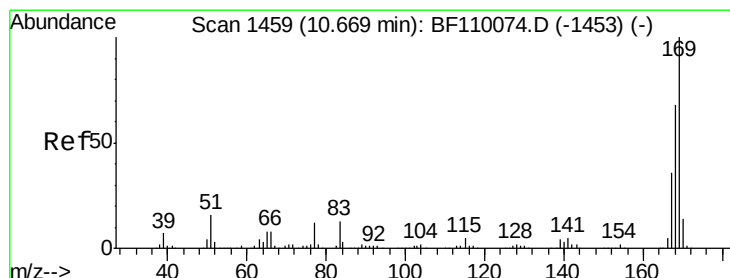
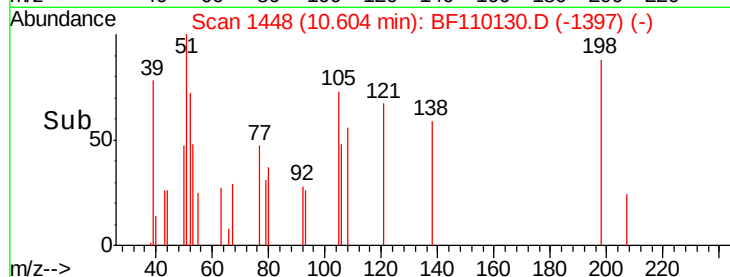
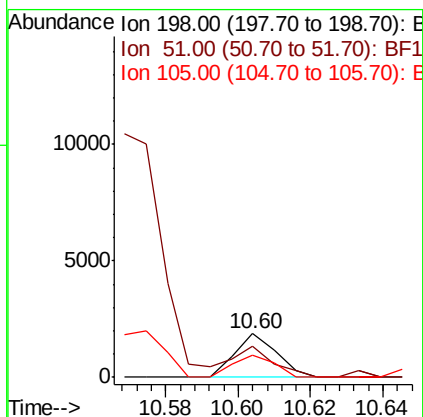
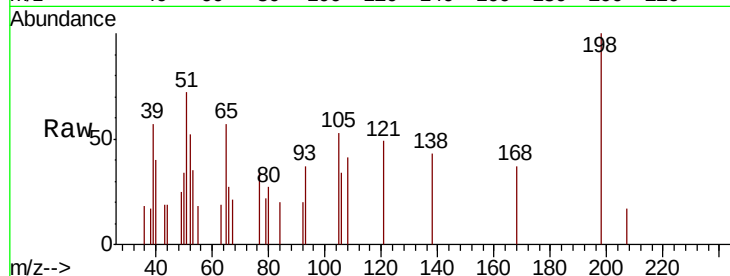




#65
4,6-Dinitro-2-methylphenol
Concen: 1.188 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

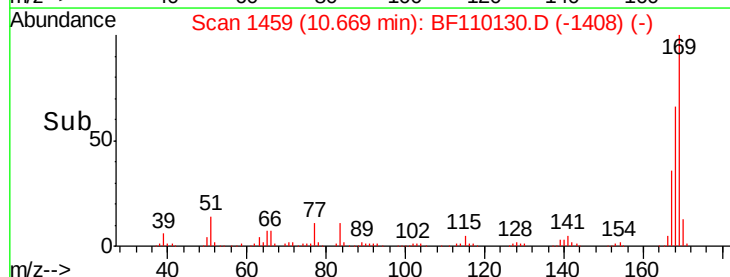
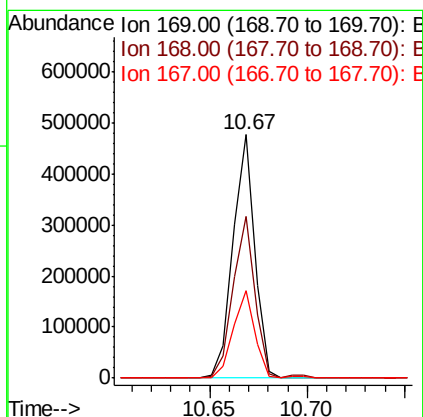
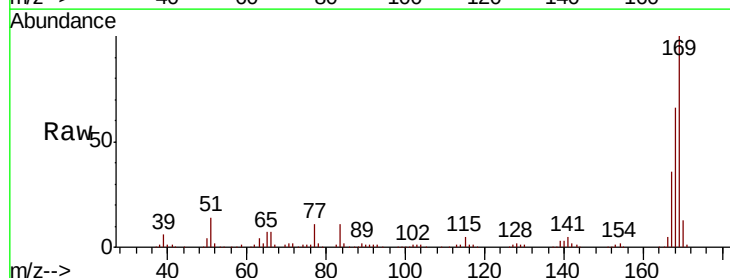
Instrument :
BNA_F
ClientSampled :

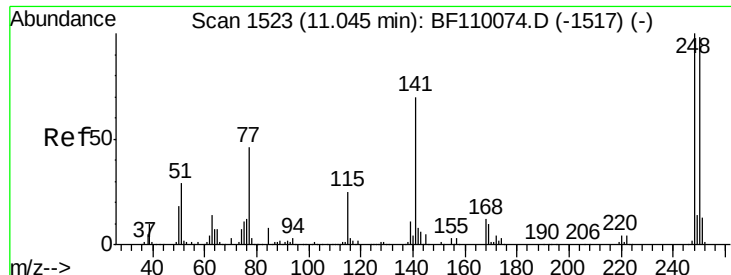
Tot Ion:198 Resp: 1495
Ion Ratio Lower Upper
198 100
51 72.2 22.8 62.8#
105 52.6 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 40.811 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion:169 Resp: 368705
Ion Ratio Lower Upper
169 100
168 66.3 51.2 76.8
167 35.8 27.8 41.6

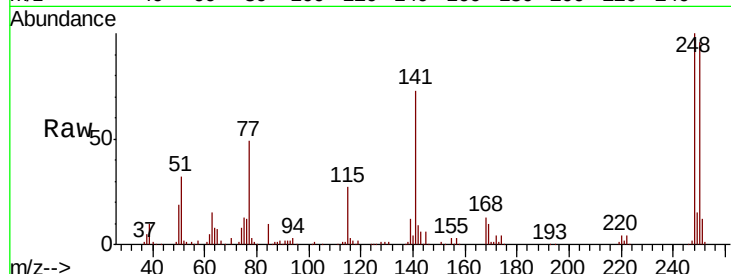




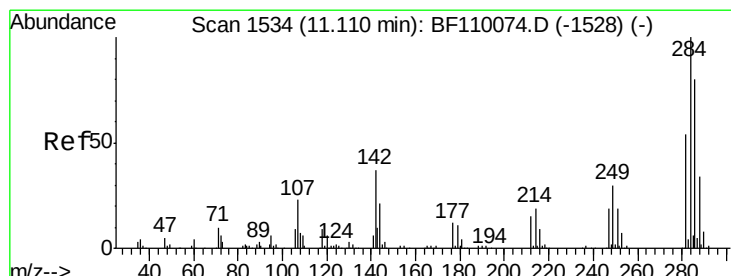
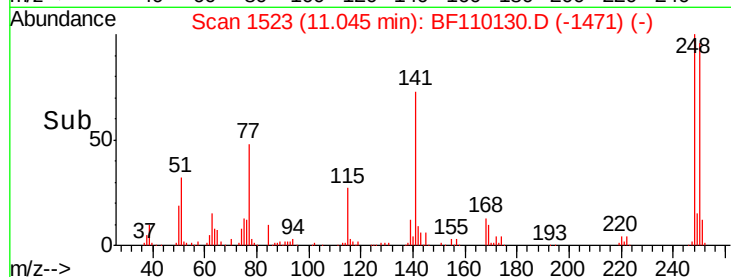
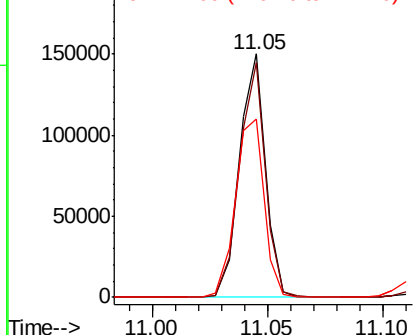
#67
4-Bromophenyl-phenylether
Concen: 39.634 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 118414
Ion Ratio Lower Upper
248 100
250 96.3 79.4 119.2
141 73.2 55.9 83.9

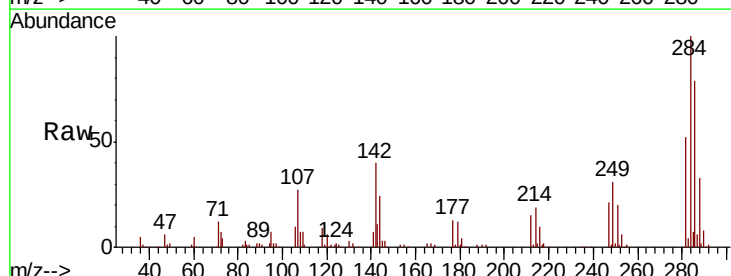


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

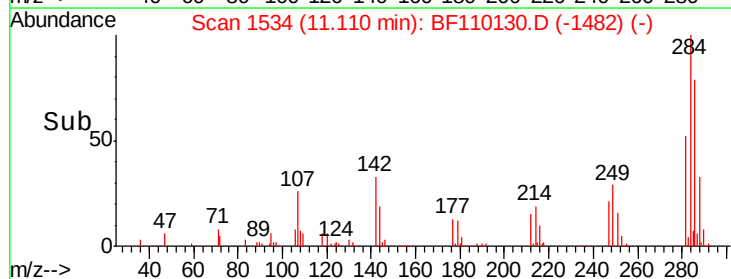
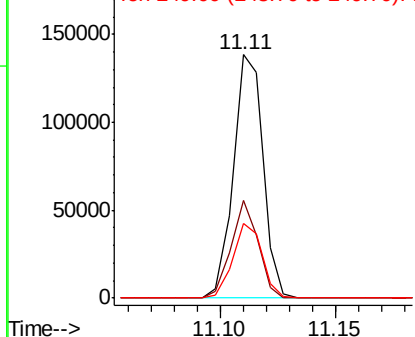


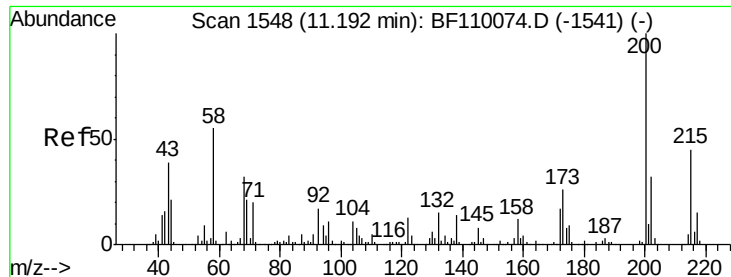
#68
Hexachlorobenzene
Concen: 39.045 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion:284 Resp: 123773
Ion Ratio Lower Upper
284 100
142 40.2 23.9 35.9#
249 30.8 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

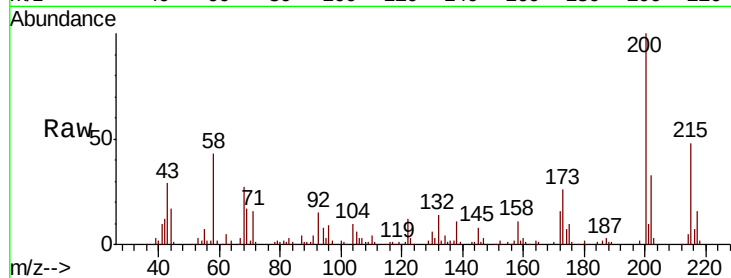




#69
 Atrazine
 Concen: 34.737 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	48.3	26.3	66.3

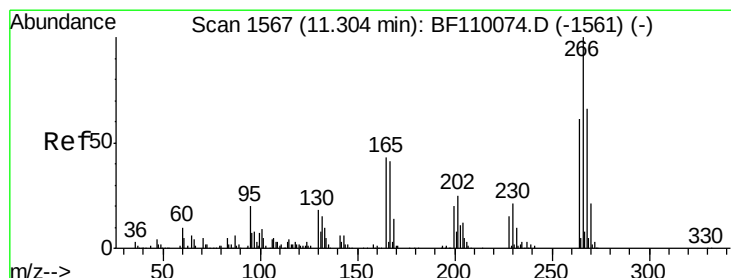
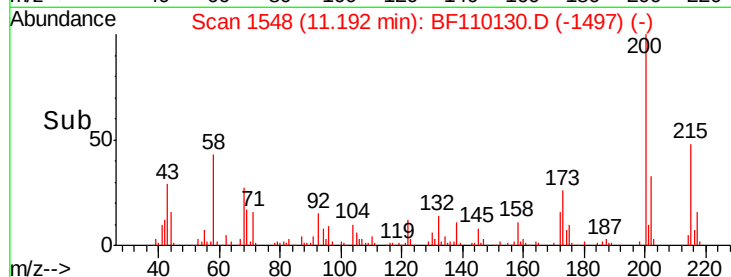
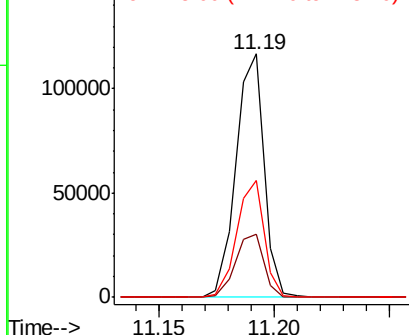


Abundance

Ion 200.00 (199.70 to 200.70): E

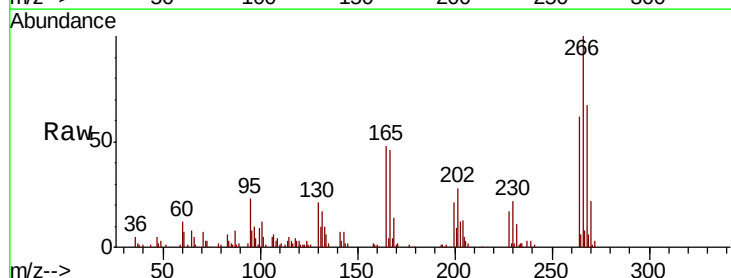
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 34.700 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	50.6	75.8
264	61.9	50.6	75.8

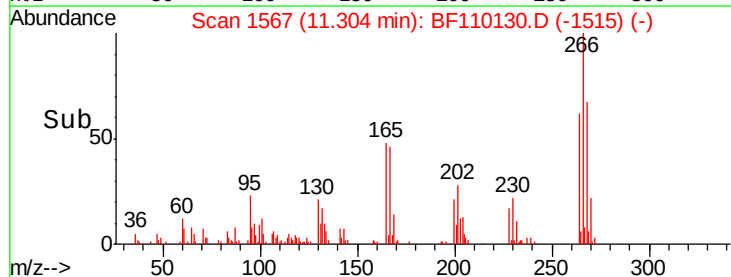
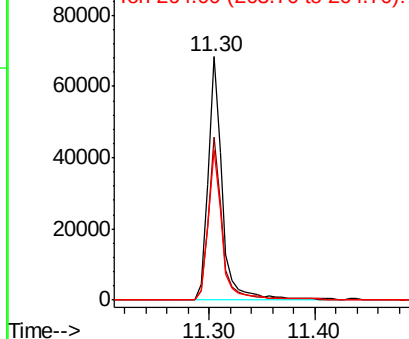


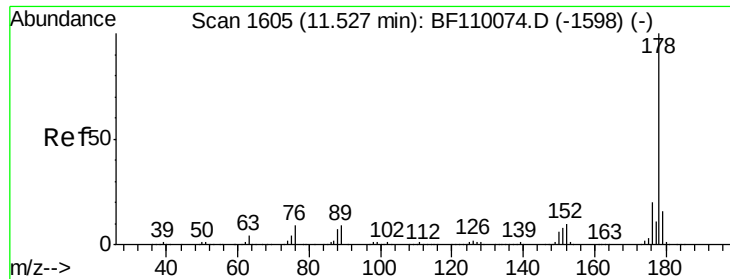
Abundance

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

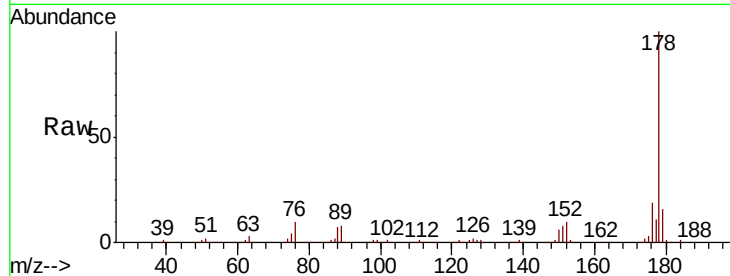




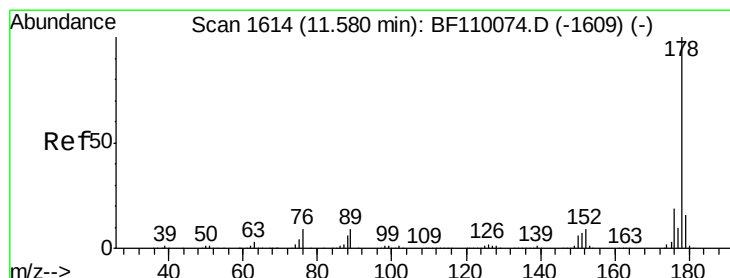
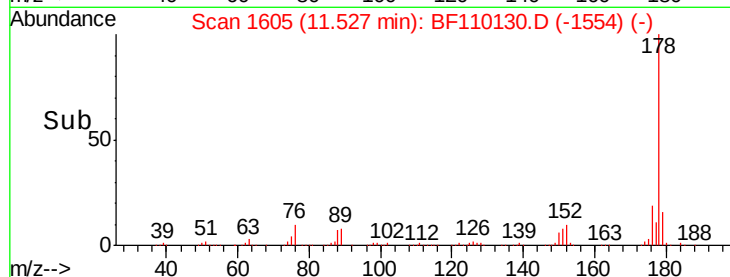
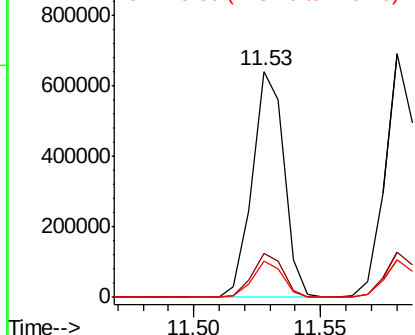
#71
Phenanthrene
Concen: 39.029 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 562488
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 16.1 12.5 18.7

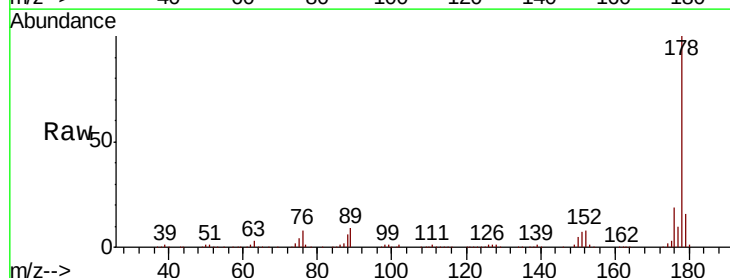


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

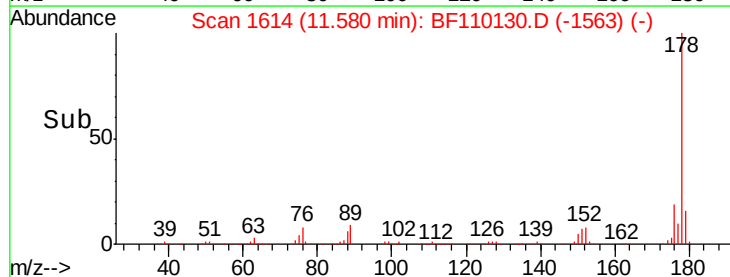
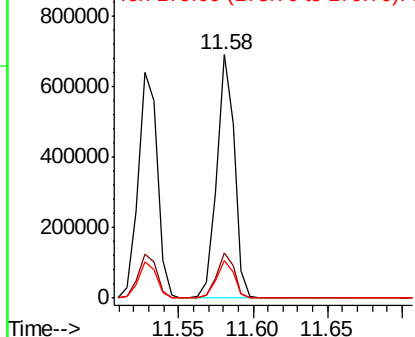


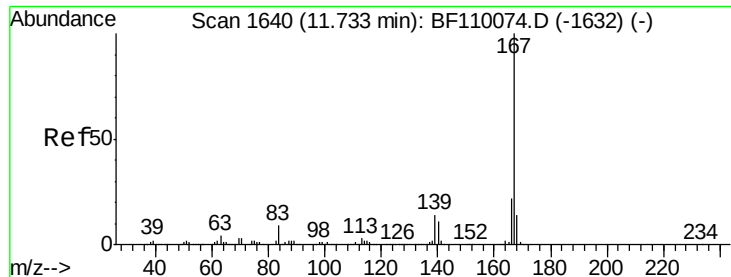
#72
Anthracene
Concen: 39.613 ng
RT: 11.58 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion:178 Resp: 572246
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.7 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



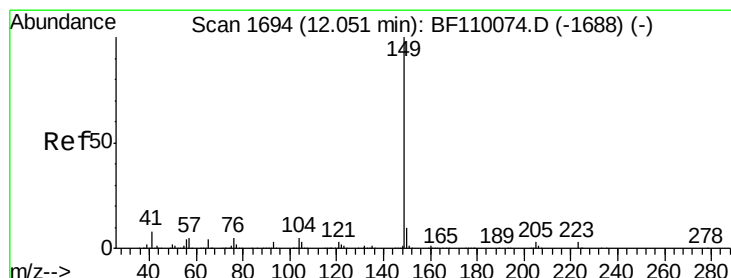
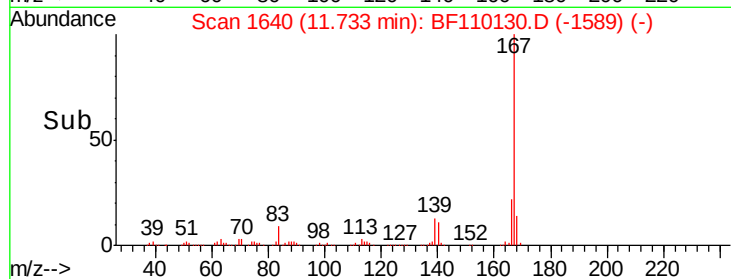
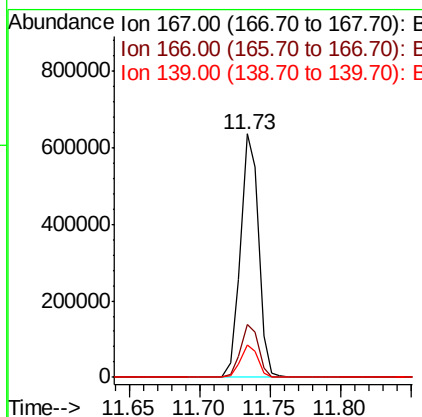
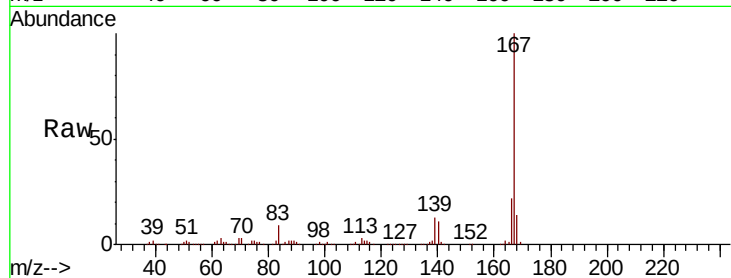


#73
 Carbazole
 Concen: 40.247 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. 0.00 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 567673

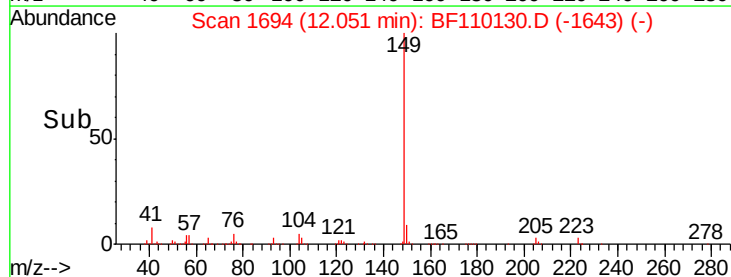
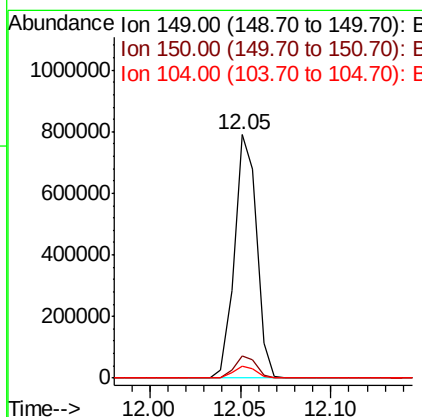
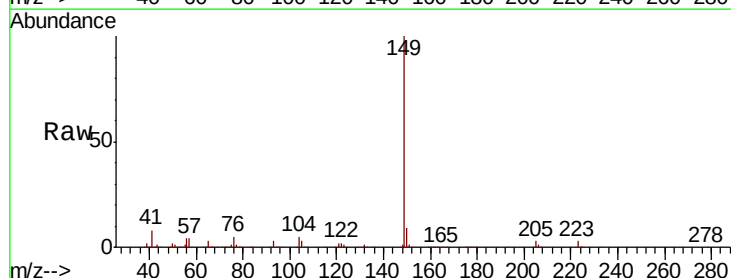
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.3	10.9	16.3

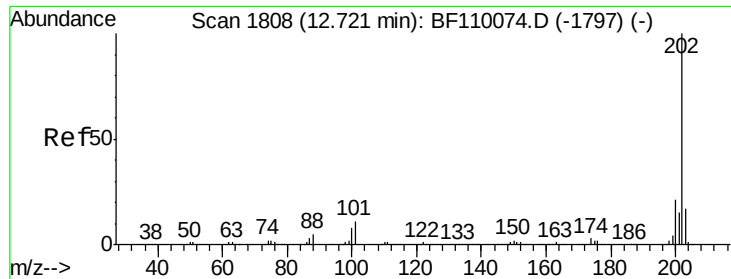


#74
 Di-n-butylphthalate
 Concen: 42.180 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BF110130.D
 Acq: 24 Oct 2018 23:09

Tgt Ion:149 Resp: 671927

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.8	4.2	6.4

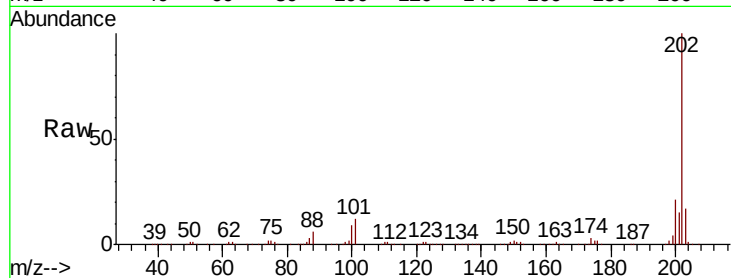




#75
Fluoranthene
Concen: 41.802 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.4
203	17.3	0.0	37.7

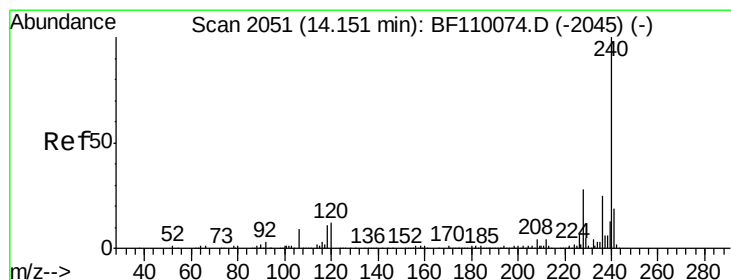
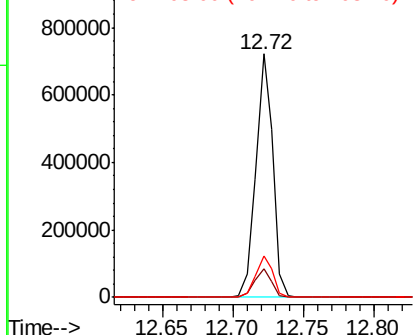
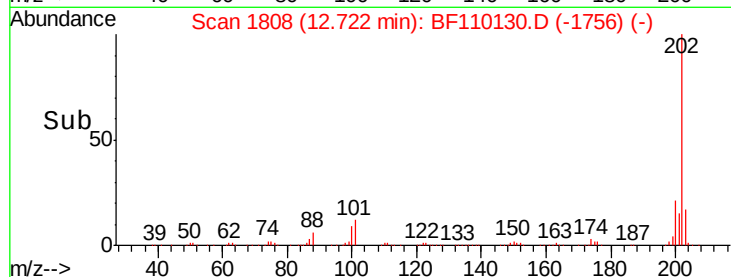


Abundance

Ion 202.00 (201.70 to 202.70): E

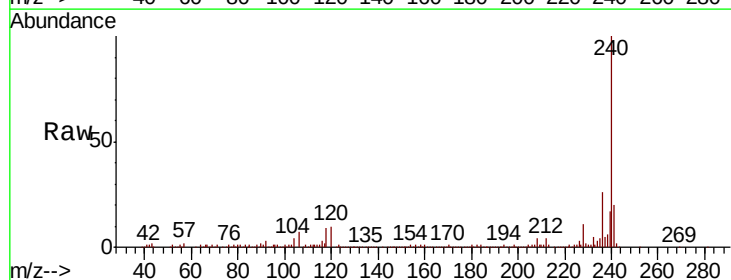
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	26.0	21.2	31.8

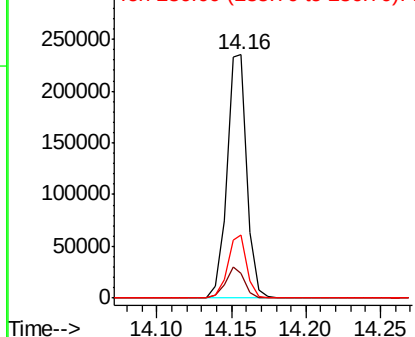
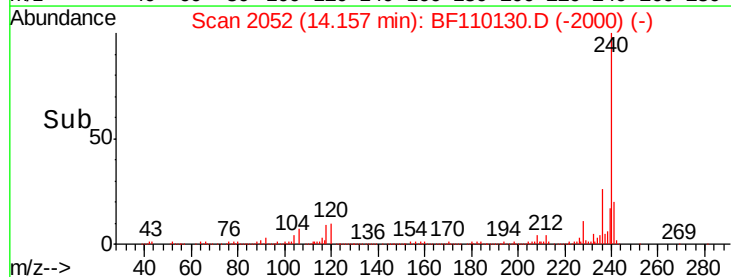


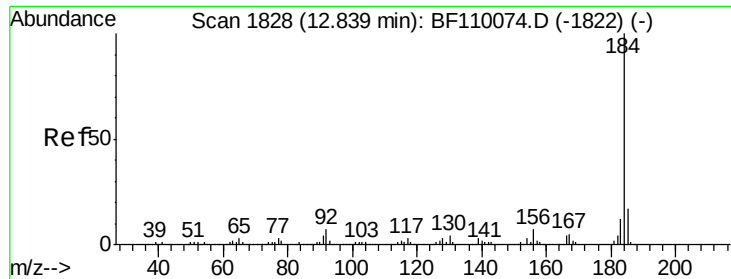
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 12.85 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

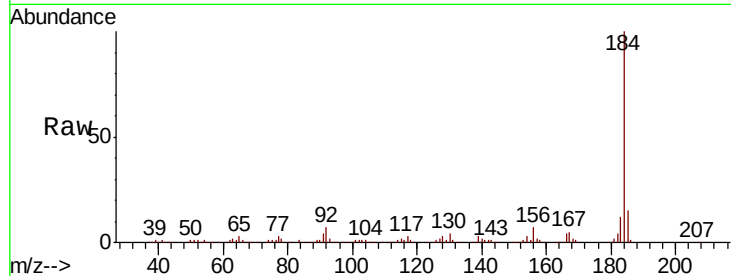
Tot Ion:184 Resp: 444086

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.2

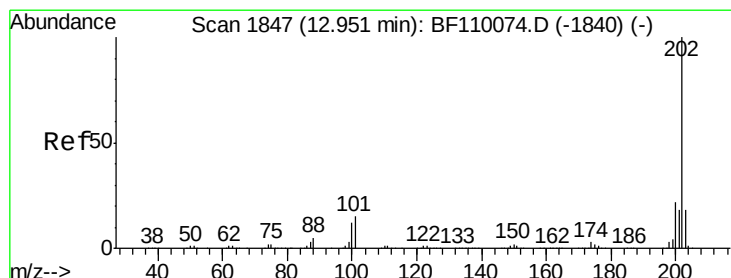
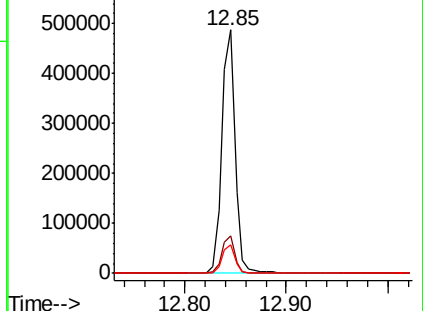
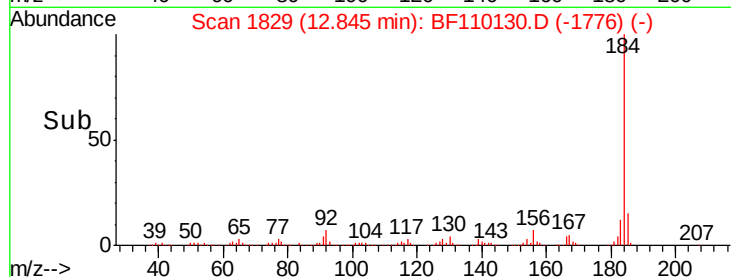
183 11.6 9.4 14.2



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: 39.675 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

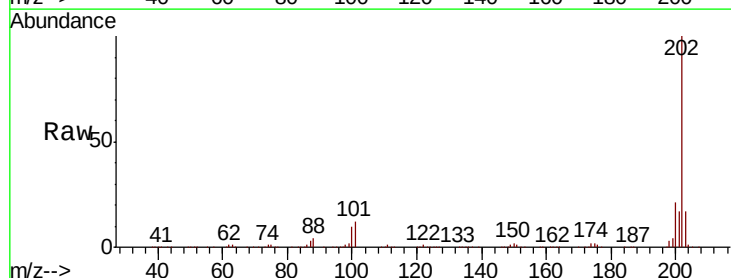
Tgt Ion:202 Resp: 631313

Ion Ratio Lower Upper

202 100

200 20.7 17.8 26.6

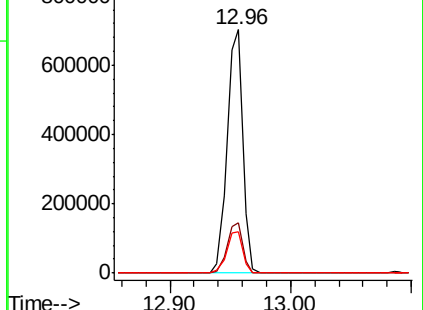
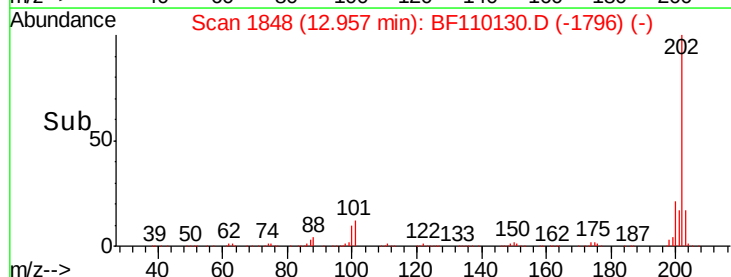
203 17.0 14.2 21.4

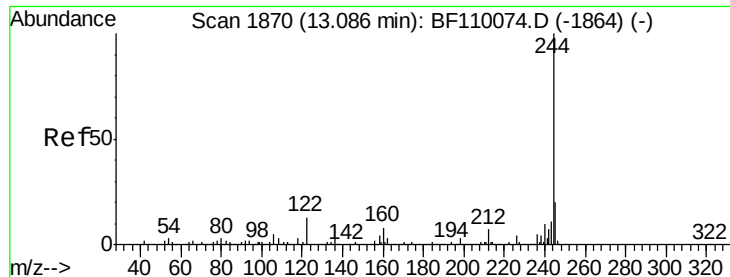


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.346 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

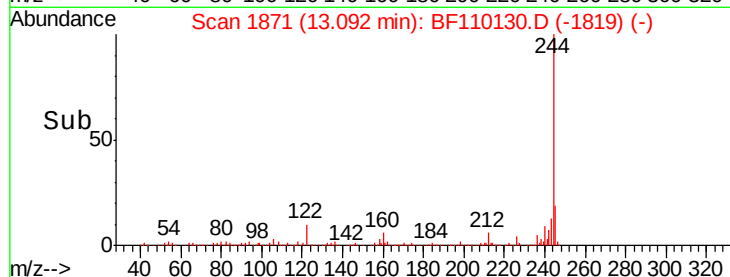
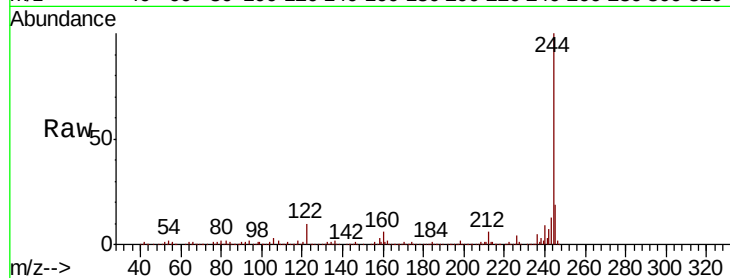
Tot Ion:244 Resp: 889491

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

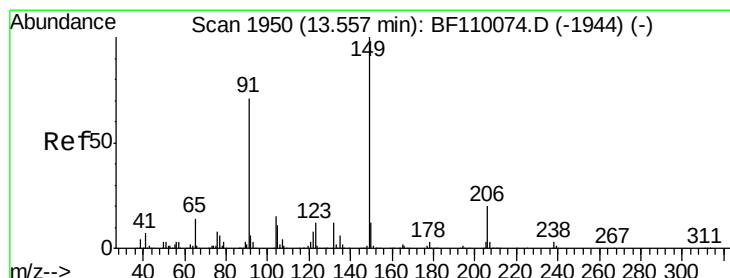
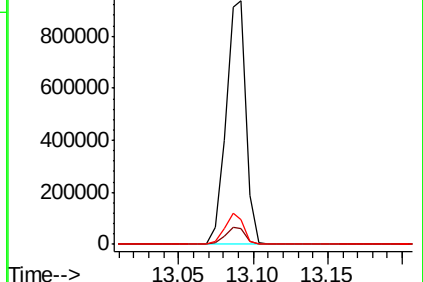
122 10.1 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.151 ng

RT: 13.56 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

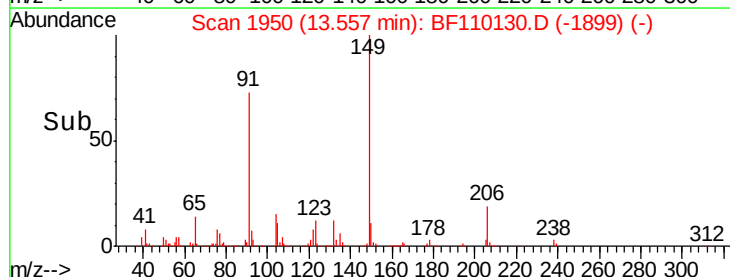
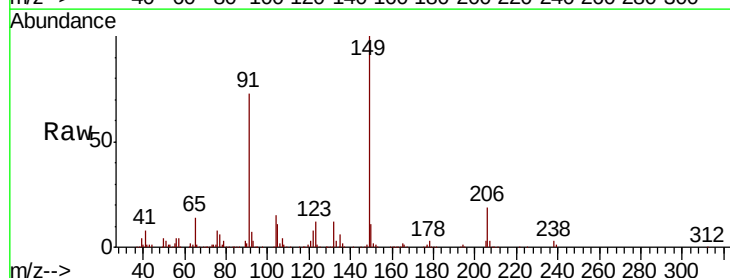
Tgt Ion:149 Resp: 291116

Ion Ratio Lower Upper

149 100

91 72.8 57.2 85.8

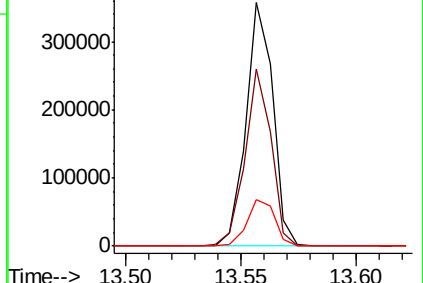
206 19.2 15.7 23.5

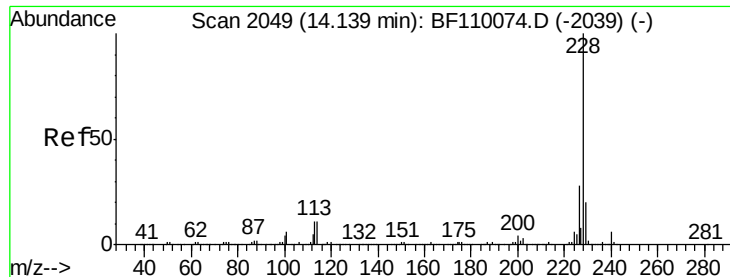


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.339 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

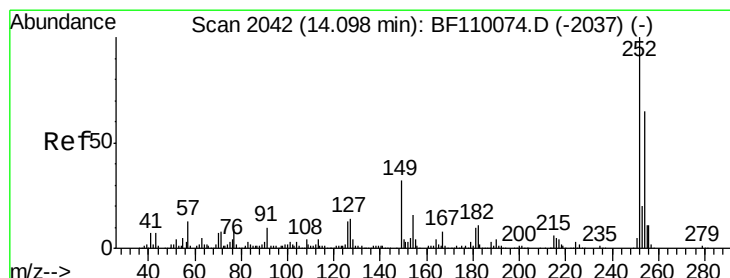
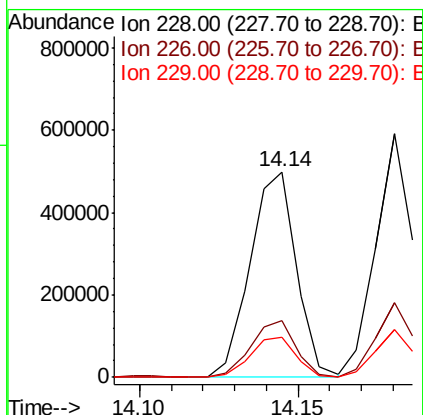
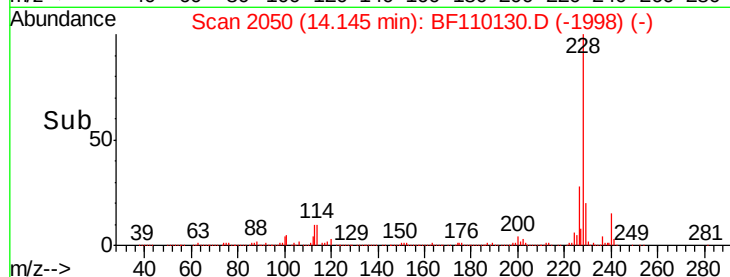
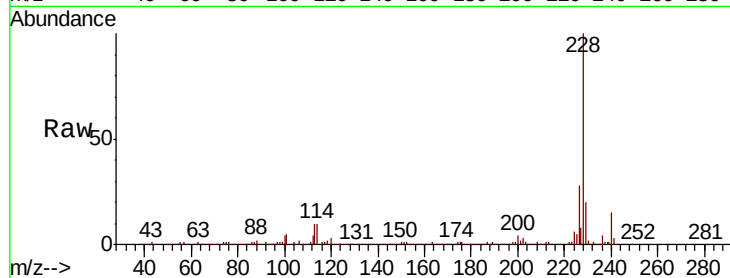
Tot Ion:228 Resp: 504631

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 46.621 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

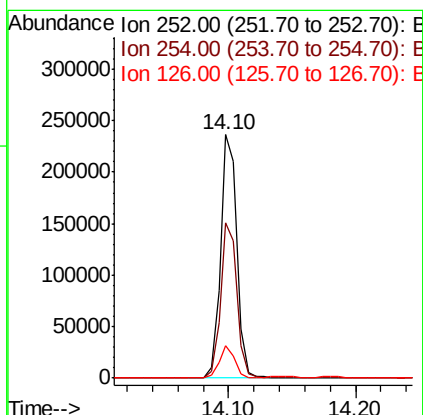
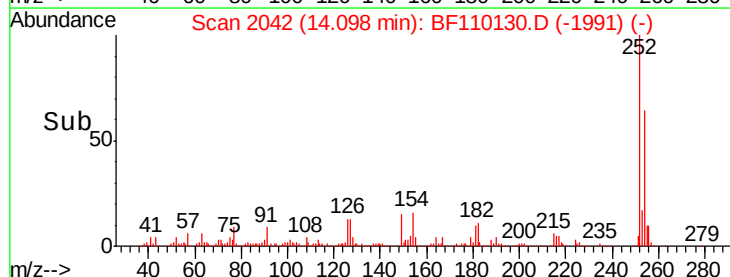
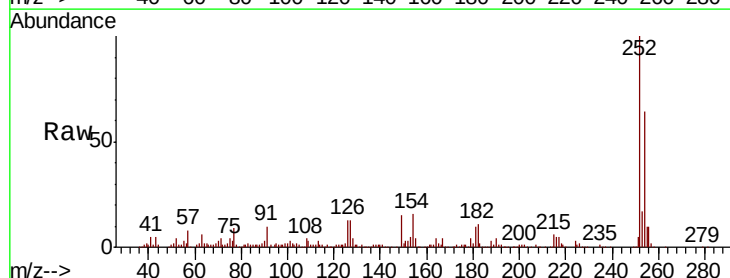
Tgt Ion:252 Resp: 213681

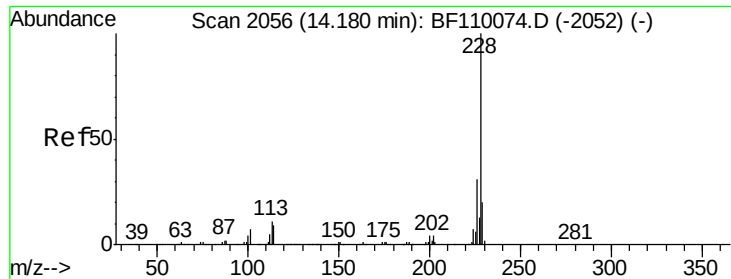
Ion Ratio Lower Upper

252 100

254 63.8 51.3 76.9

126 13.5 9.4 14.2





#83

Chrysene

Concen: 38.001 ng

RT: 14.18 min Scan# 2056

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

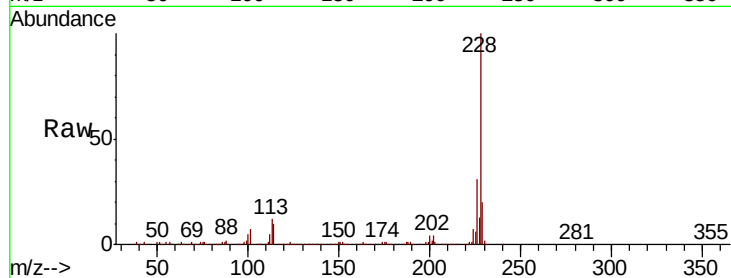
Tot Ion:228 Resp: 475069

Ion Ratio Lower Upper

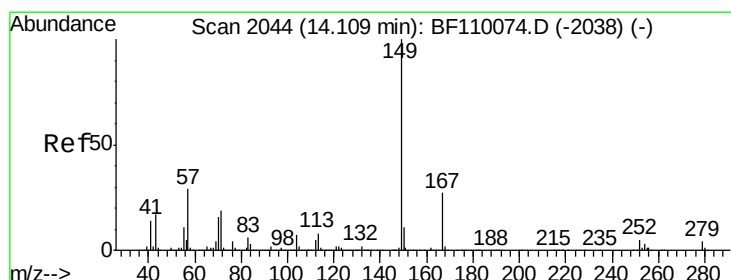
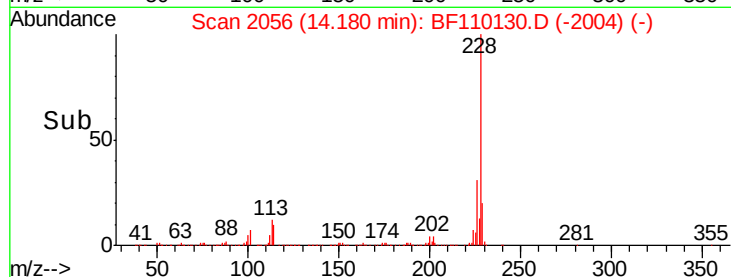
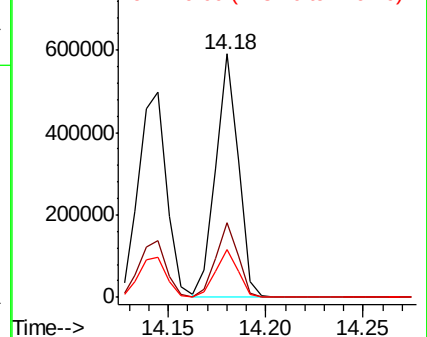
228 100

226 30.5 24.7 37.1

229 19.7 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: 44.656 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

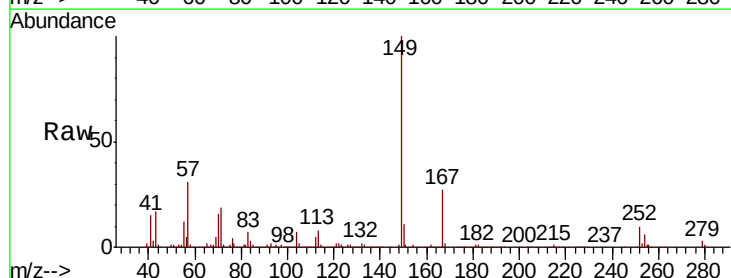
Tgt Ion:149 Resp: 416920

Ion Ratio Lower Upper

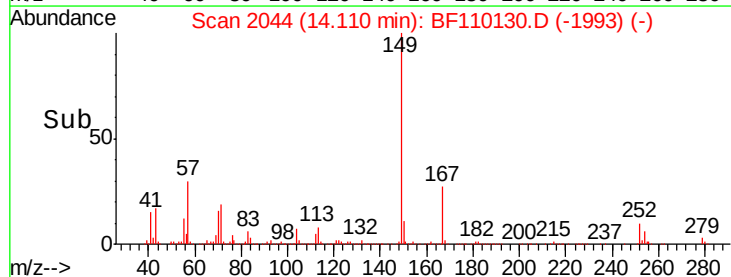
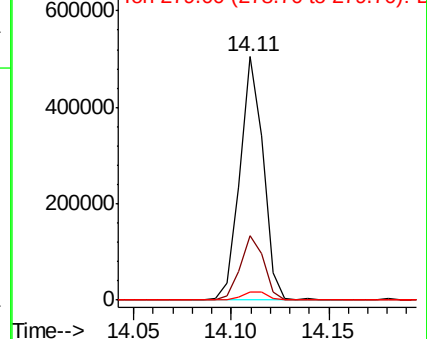
149 100

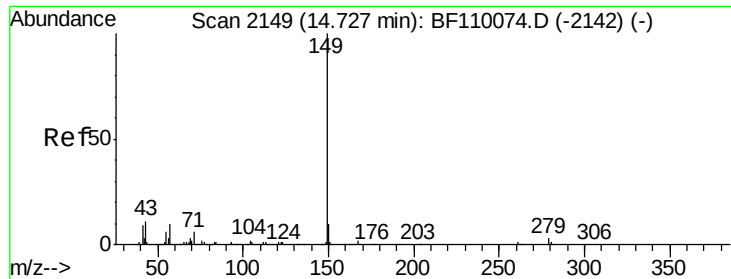
167 26.7 19.8 29.8

279 3.2 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: 45.971 ng

RT: 14.73 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

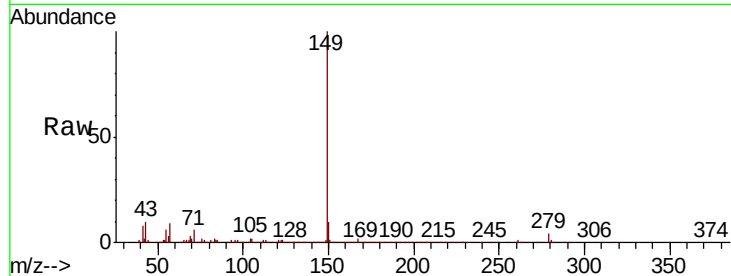
Tot Ion:149 Resp: 667365

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

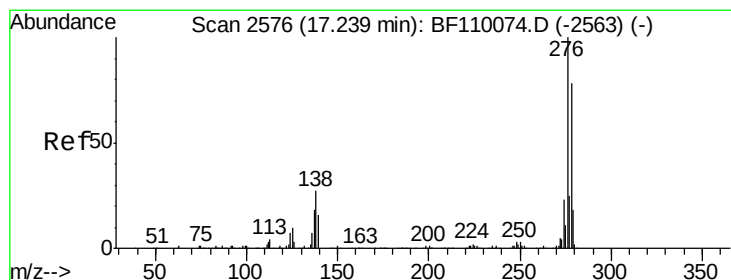
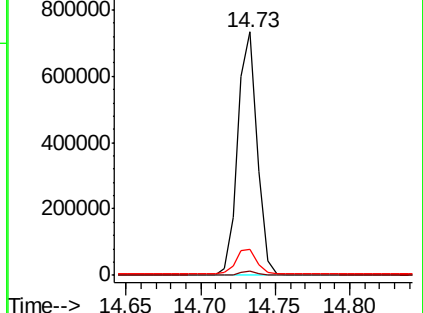
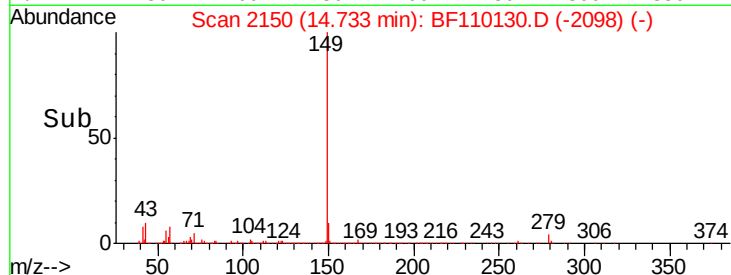
43 10.8 7.8 11.8



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: 32.894 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.02 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

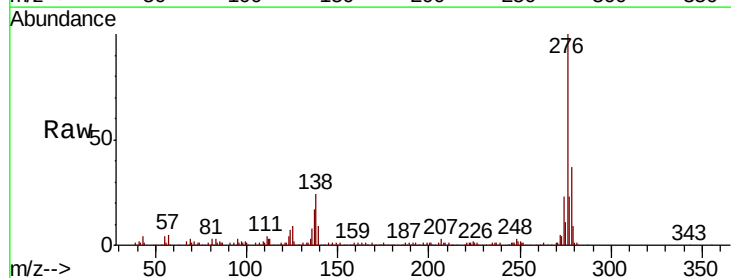
Tgt Ion:276 Resp: 341152

Ion Ratio Lower Upper

276 100

138 27.1 18.5 27.7

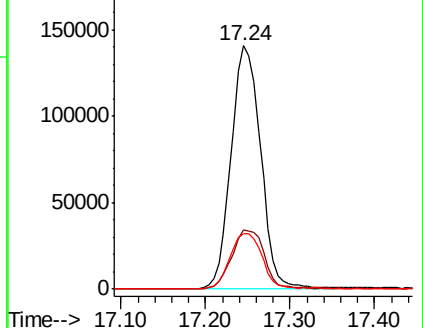
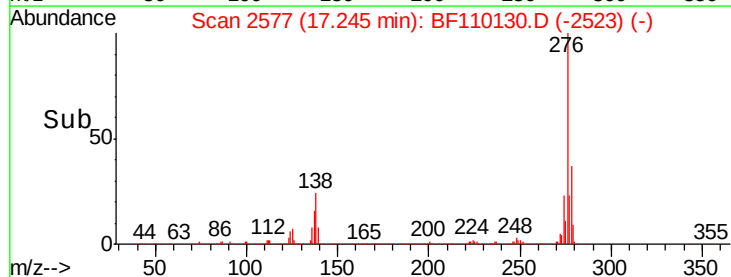
277 25.2 20.0 30.0

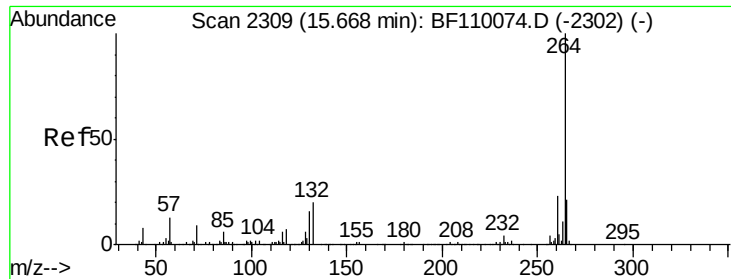


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

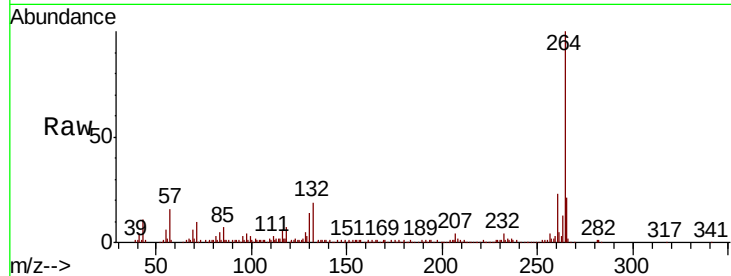
Tot Ion:264 Resp: 161624

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

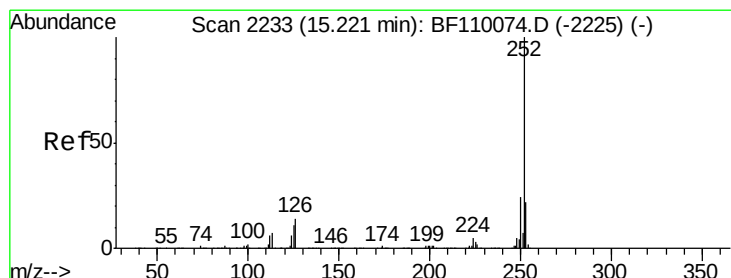
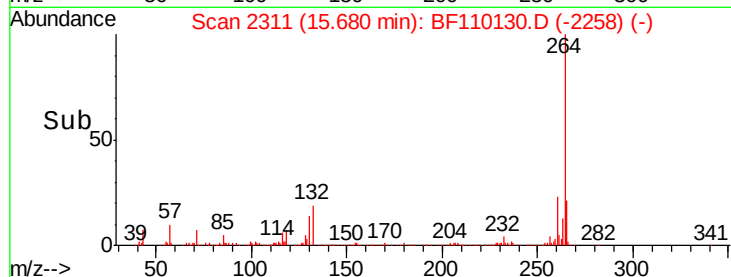
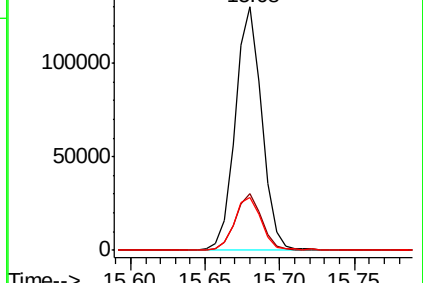
265 21.5 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.459 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

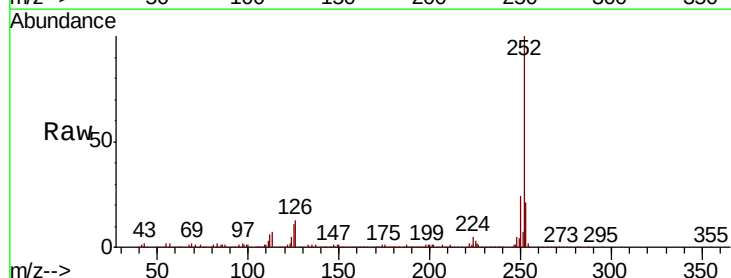
Tgt Ion:252 Resp: 368283

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

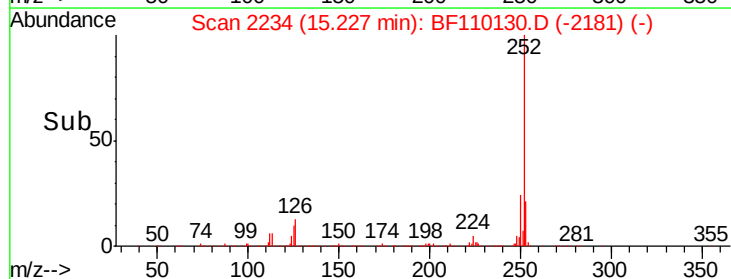
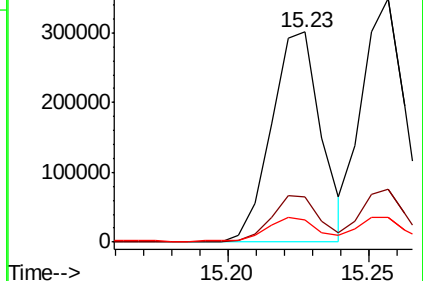
125 10.7 8.2 12.4

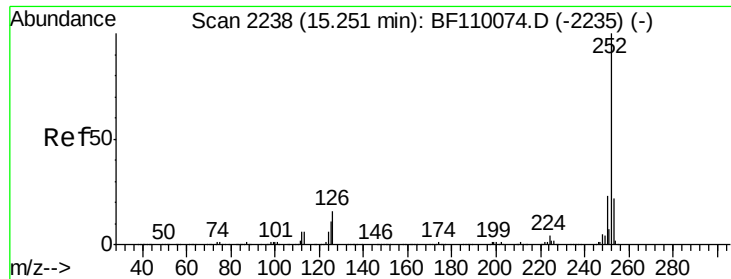


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.084 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

Instrument :

BNA_F

ClientSampleId :

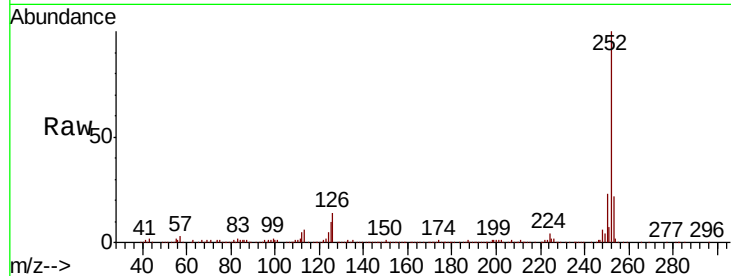
Tot Ion:252 Resp: 367791

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

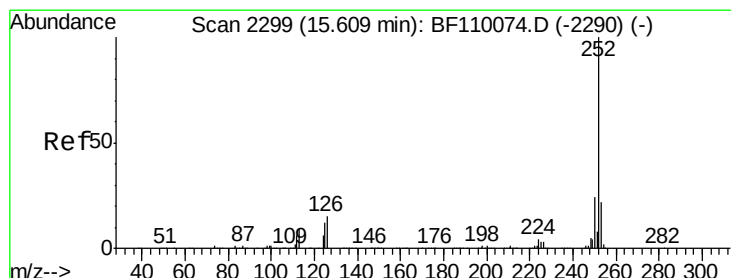
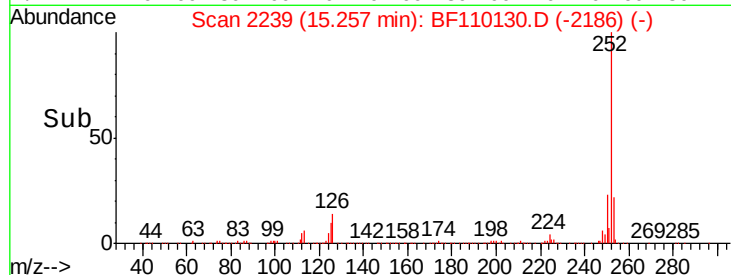
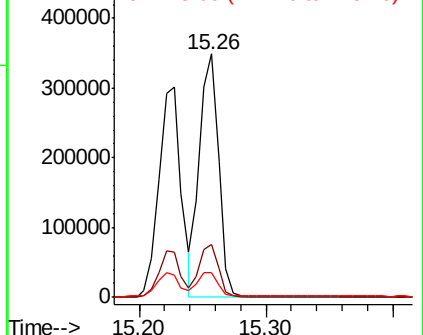
125 10.3 7.4 11.0



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: 38.241 ng

RT: 15.62 min Scan# 2300

Delta R.T. 0.01 min

Lab File: BF110130.D

Acq: 24 Oct 2018 23:09

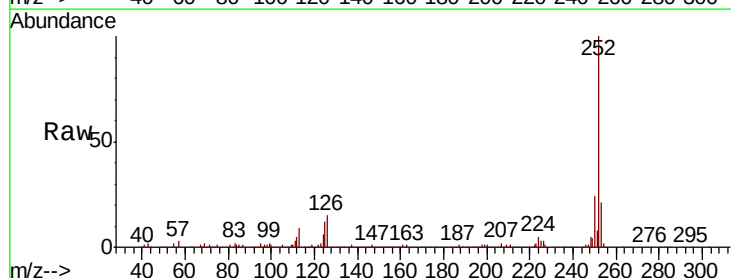
Tgt Ion:252 Resp: 328420

Ion Ratio Lower Upper

252 100

253 20.7 18.2 27.4

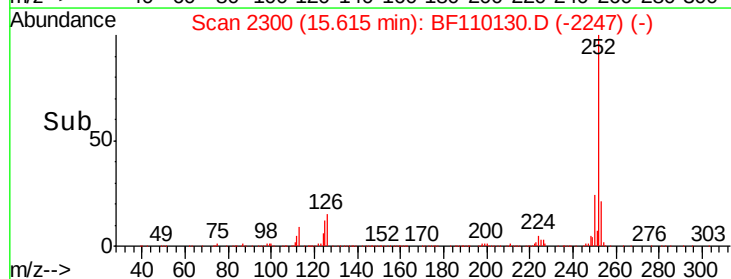
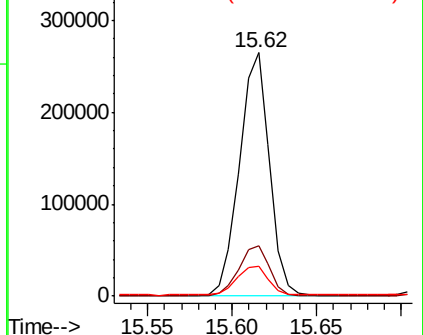
125 12.1 9.0 13.6

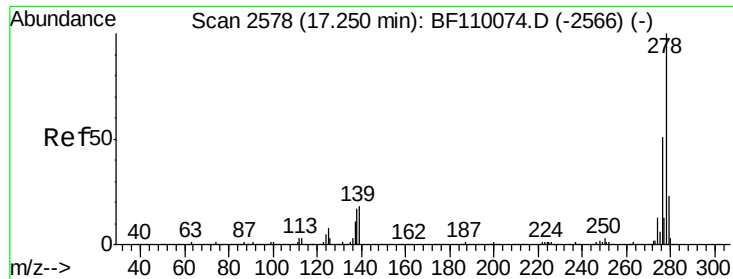


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

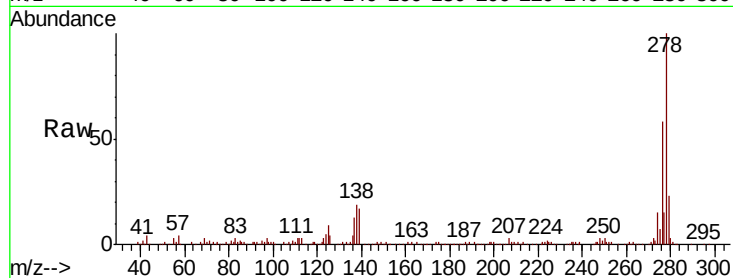




#91
Dibenzo(a,h)anthracene
Concen: 38.443 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.02 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.7	19.1
279	23.0	19.0	28.4

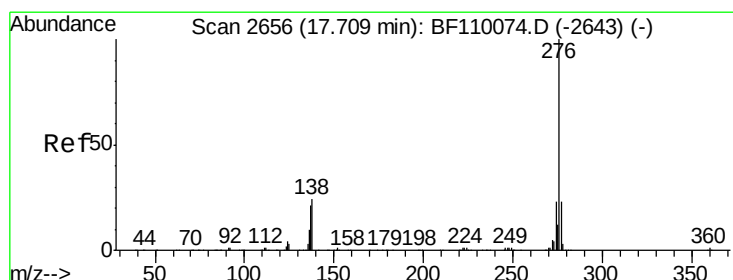
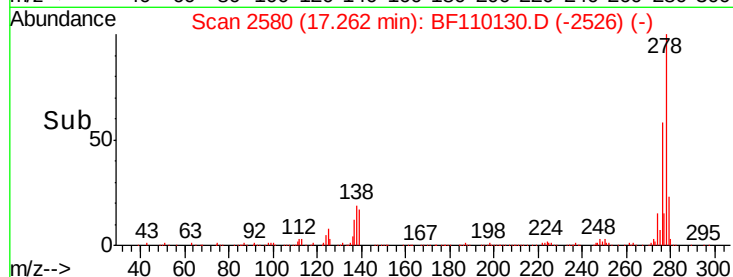
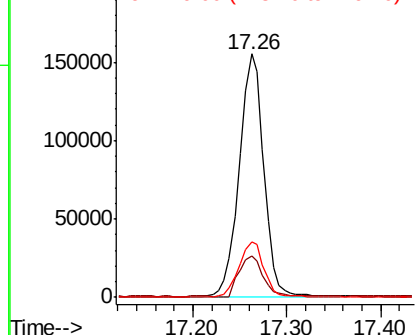


Abundance

Ion 278.00 (277.70 to 278.70): E

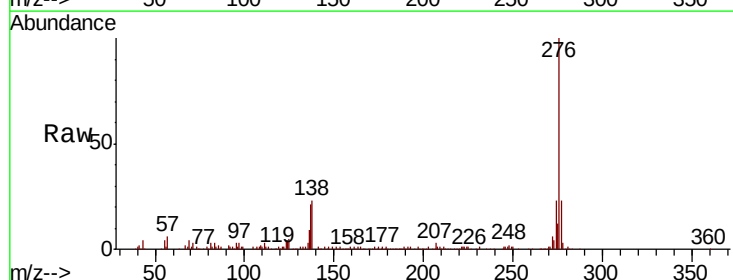
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.715 ng
RT: 17.72 min Scan# 2658
Delta R.T. 0.02 min
Lab File: BF110130.D
Acq: 24 Oct 2018 23:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	22.5	16.0	24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

