

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110034.D
 Acq On : 20 Oct 2018 6:30
 Operator : JU/SJ
 Sample : PB113927BSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 02:01:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	226684	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	916746	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	399520	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	640835	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	406588	20.00	ng	-0.01
87) Perylene-d12	15.67	264	345048	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1196128	83.64	ng	0.00
7) Phenol-d6	6.60	99	1505037	84.75	ng	0.00
23) Nitrobenzene-d5	7.54	82	1339400	98.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	302044	87.32	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2243647	89.61	ng	0.00
79) Terphenyl-d14	13.09	244	1541562	79.62	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.96	88	223023	27.458	ng	91
3) Pyridine	3.70	79	656447	36.251	ng	# 85
4) n-Nitrosodimethylamine	3.67	42	325269	44.033	ng	98
6) Aniline	6.63	93	553687	23.137	ng	# 53
8) 2-Chlorophenol	6.76	128	668873	41.755	ng	98
9) Benzaldehyde	6.52	77	270557	23.446	ng	95
10) Phenol	6.61	94	799770	41.715	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	624791	38.975	ng	91
12) 1,3-Dichlorobenzene	6.91	146	692240	39.410	ng	99
13) 1,4-Dichlorobenzene	6.99	146	695134	39.295	ng	97
14) 1,2-Dichlorobenzene	7.15	146	641860	39.403	ng	98
15) Benzyl Alcohol	7.11	79	578054	42.312	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1008245	38.320	ng	68
17) 2-Methylphenol	7.22	107	549743	42.559	ng	# 81
18) Hexachloroethane	7.48	117	252419	40.377	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	443920	38.934	ng	96
20) 3+4-Methylphenols	7.37	107	664515	40.540	ng	96
22) Acetophenone	7.38	105	889413	41.835	ng	97
24) Nitrobenzene	7.56	77	665298	45.002	ng	93
25) Isophorone	7.79	82	1247058	46.636	ng	96
26) 2-Nitrophenol	7.87	139	328611	53.609	ng	95
27) 2,4-Dimethylphenol	7.90	122	623137	48.381	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	777423	42.363	ng	99
29) 2,4-Dichlorophenol	8.11	162	533202	42.675	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	570244	40.761	ng	95
31) Naphthalene	8.28	128	1827263	43.466	ng	100
32) Benzoic acid	8.02	122	250562	31.223	ng	90
33) 4-Chloroaniline	8.32	127	141107	7.467	ng	97
34) Hexachlorobutadiene	8.39	225	311668	40.400	ng	98
35) Caprolactam	8.71	113	134535	30.318	ng	90
36) 4-Chloro-3-methylphenol	8.80	107	568177	43.106	ng	94
37) 2-Methylnaphthalene	8.97	142	1231805	45.251	ng	98
38) 1-Methylnaphthalene	8.97	142	1231805	46.699	ng	95
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	523552	42.546	ng	99

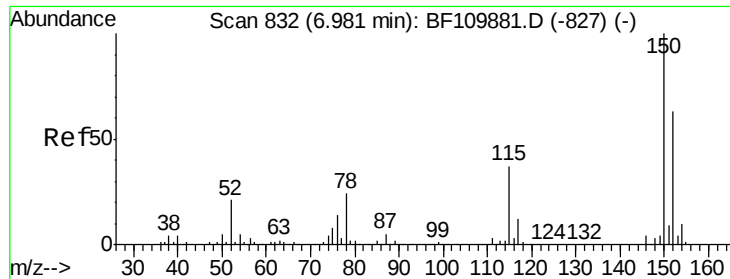
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110034.D
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	364075	61.298	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	354305	46.046	ng	96
44) 2,4,5-Trichlorophenol	9.29	196	359069	44.962	ng	95
46) 1,1'-Biphenyl	9.43	154	1477306	41.502	ng	99
47) 2-Chloronaphthalene	9.46	162	1084216	41.351	ng	97
48) 2-Nitroaniline	9.56	65	347160	51.594	ng	95
49) Acenaphthylene	9.88	152	1669053	43.818	ng	96
50) Dimethylphthalate	9.73	163	1290931	45.633	ng	100
51) 2,6-Dinitrotoluene	9.80	165	276746	51.505	ng	94
52) Acenaphthene	10.05	154	1047111	43.180	ng	98
53) 3-Nitroaniline	9.96	138	166521	25.477	ng	93
54) 2,4-Dinitrophenol	10.07	184	73244	46.934	ng	# 88
55) Dibenzofuran	10.22	168	1448619	41.887	ng	99
56) 4-Nitrophenol	10.13	139	413877	82.987	ng	88
57) 2,4-Dinitrotoluene	10.20	165	358171	52.315	ng	# 86
58) Fluorene	10.57	166	1103019	43.813	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	280067	44.250	ng	95
60) Diethylphthalate	10.43	149	1210859	43.336	ng	98
61) 4-Chlorophenyl-phenylether	10.56	204	530666	40.465	ng	97
62) 4-Nitroaniline	10.59	138	248845	40.220	ng	91
63) Azobenzene	10.72	77	1148452	39.344	ng	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	60940	29.831	ng	95
66) n-Nitrosodiphenylamine	10.67	169	1007822	47.219	ng	97
67) 4-Bromophenyl-phenylether	11.05	248	324988	46.795	ng	91
68) Hexachlorobenzene	11.11	284	324322	43.792	ng	# 89
69) Atrazine	11.20	200	326188	48.926	ng	98
70) Pentachlorophenol	11.30	266	277211	65.772	ng	97
71) Phenanthrene	11.53	178	1481085	44.643	ng	99
72) Anthracene	11.59	178	1517655	45.501	ng	99
73) Carbazole	11.74	167	1280693	39.069	ng	99
74) Di-n-butylphthalate	12.06	149	1691420	46.235	ng	100
75) Fluoranthene	12.72	202	1310477	39.540	ng	99
77) Benzidine	12.84	184	573725	36.803	ng	97
78) Pyrene	12.95	202	1267123	42.432	ng	99
80) Butylbenzylphthalate	13.56	149	594367	49.231	ng	97
81) Benzo(a)anthracene	14.14	228	1113671	46.502	ng	100
82) 3,3'-Dichlorobenzidine	14.10	252	291838	34.759	ng	99
83) Chrysene	14.18	228	1018061	44.660	ng	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	814856	51.293	ng	95
85) Di-n-octyl phthalate	14.73	149	1308008	58.401	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	802286	43.711	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	987591	49.646	ng	99
89) Benzo(k)fluoranthene	15.25	252	929477	47.404	ng	# 96
90) Benzo(a)pyrene	15.61	252	872376	47.682	ng	98
91) Dibenzo(a,h)anthracene	17.25	278	677986	41.815	ng	98
92) Benzo(g,h,i)perylene	17.71	276	643200	39.262	ng	98

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

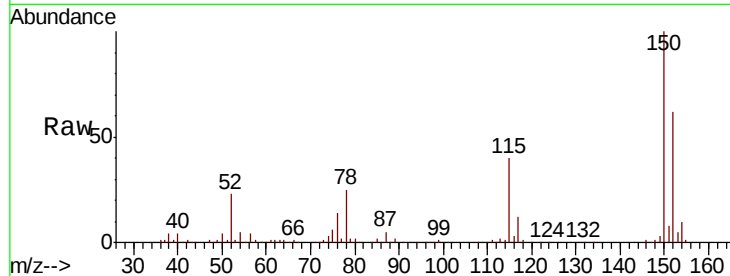


#1

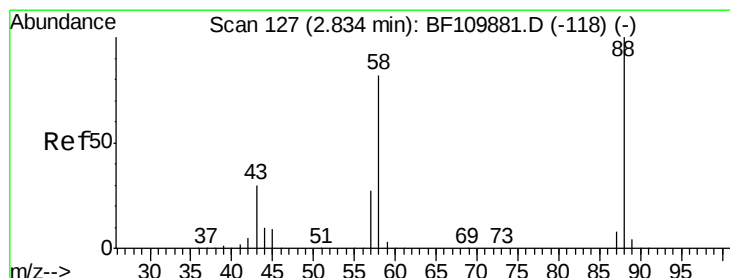
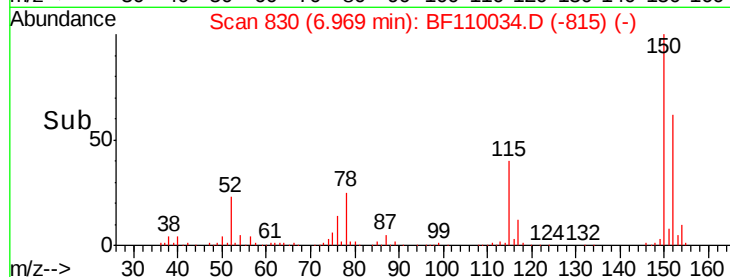
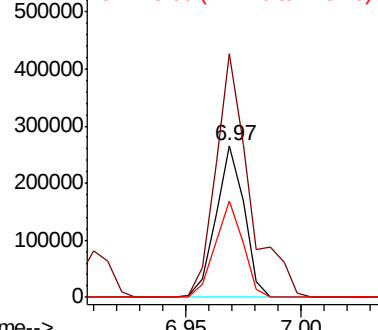
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	122.7	184.1
115	63.9	49.1	73.7



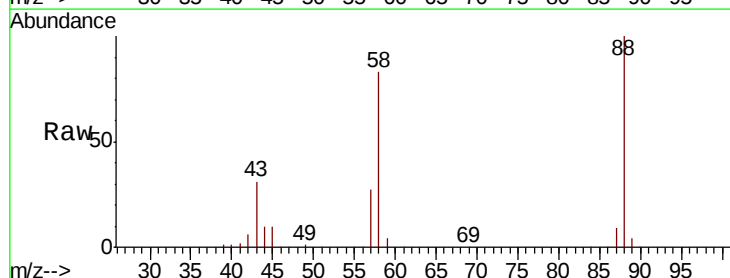
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



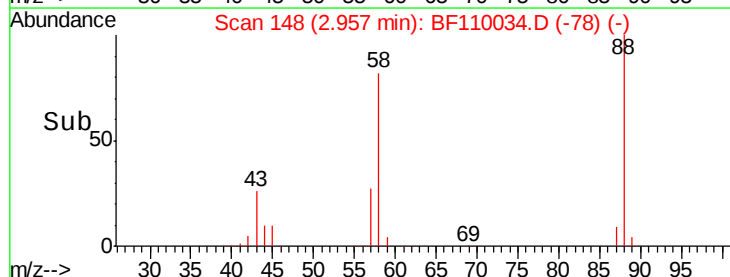
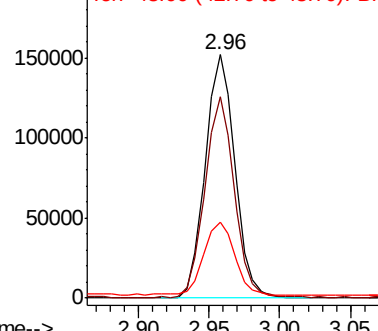
#2

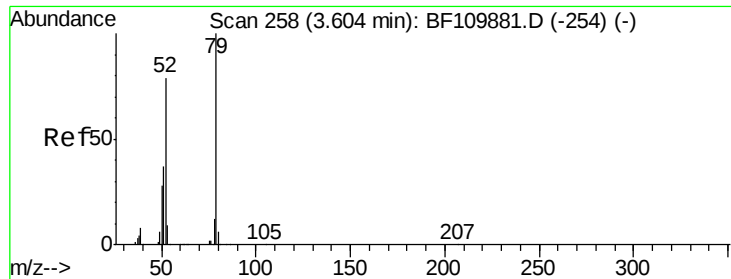
1,4-Dioxane
Concen: 27.458 ng
RT: 2.96 min Scan# 148
Delta R.T. 0.11 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	57.1	85.7
43	31.9	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

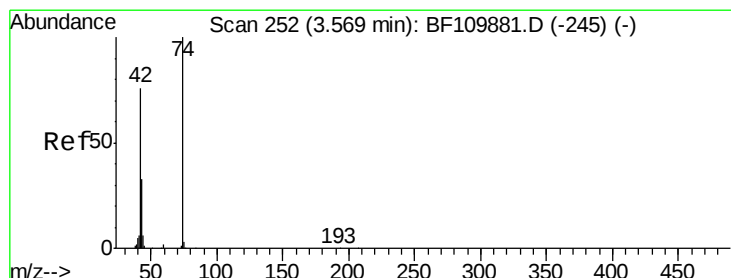
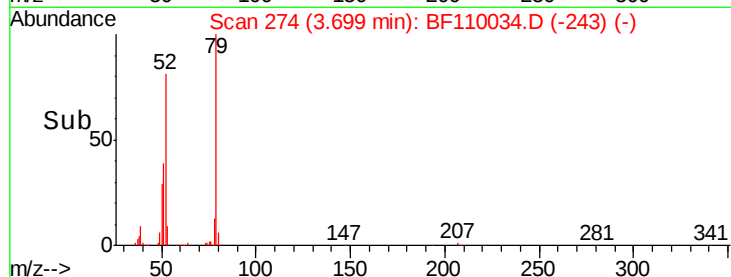
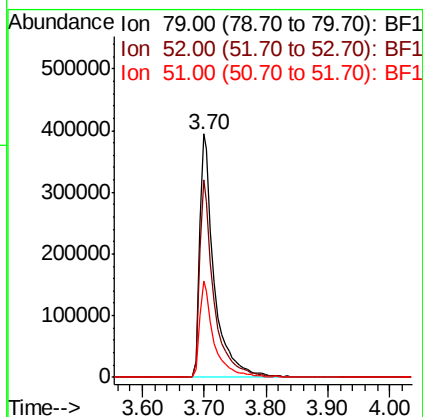
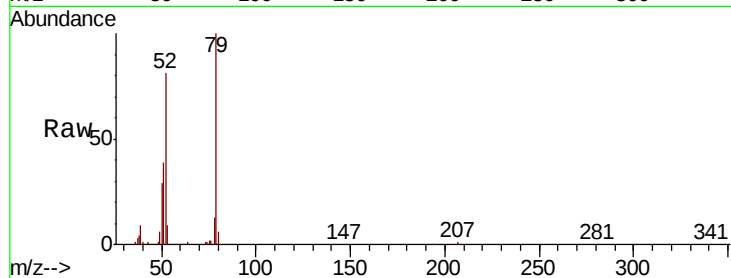




#3
 Pvridine
 Concen: 36.251 ng
 RT: 3.70 min Scan# 274
 Delta R.T. 0.08 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

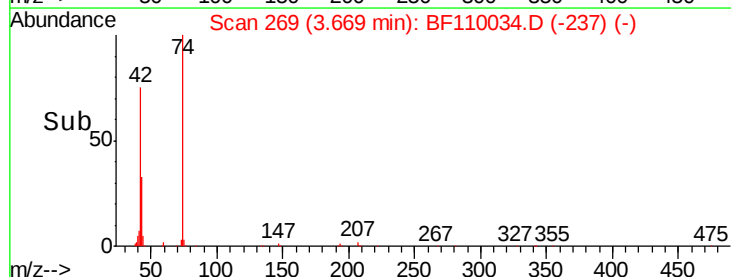
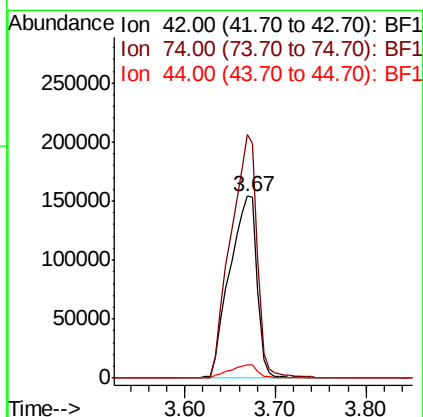
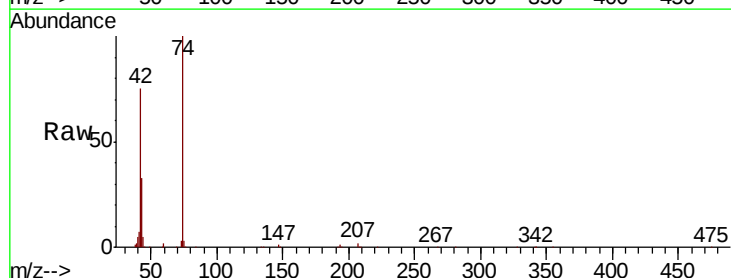
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 656447
 Ion Ratio Lower Upper
 79 100
 52 81.2 53.1 79.7#
 51 39.4 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 44.033 ng
 RT: 3.67 min Scan# 269
 Delta R.T. 0.09 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion: 42 Resp: 325269
 Ion Ratio Lower Upper
 42 100
 74 133.8 105.5 158.3
 44 7.2 4.9 7.3





#5

2-Fluorophenol

Concen: 83.642 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampled :

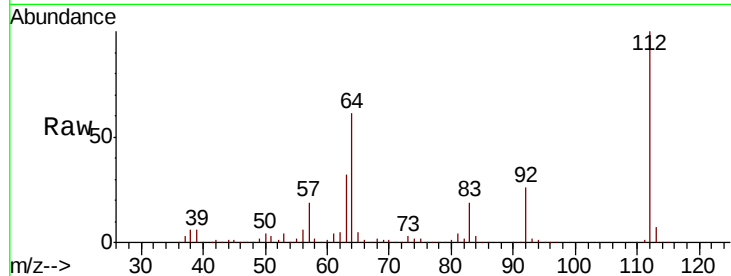
Tot Ion:112 Resp: 1196128

Ion Ratio Lower Upper

112 100

64 61.0 44.1 66.1

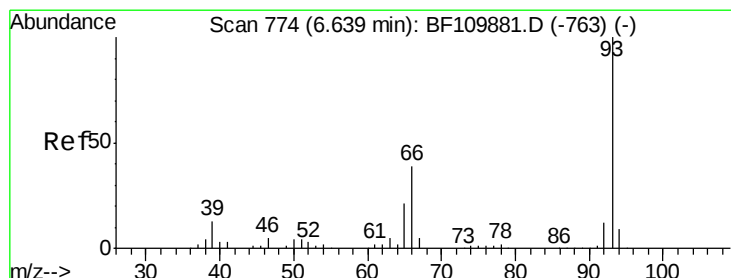
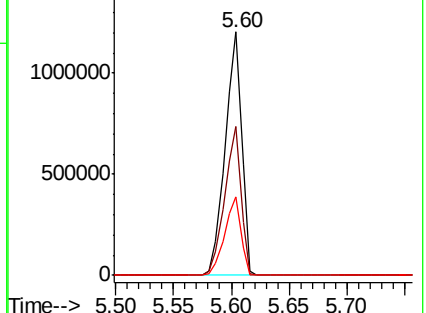
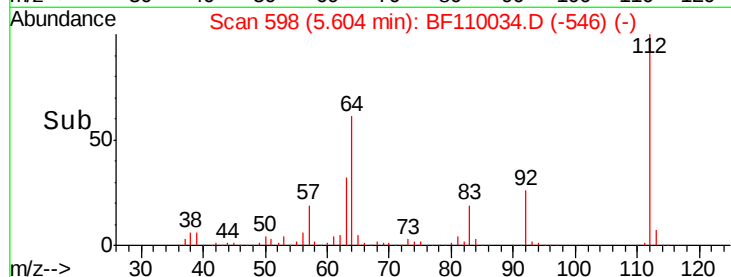
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.137 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

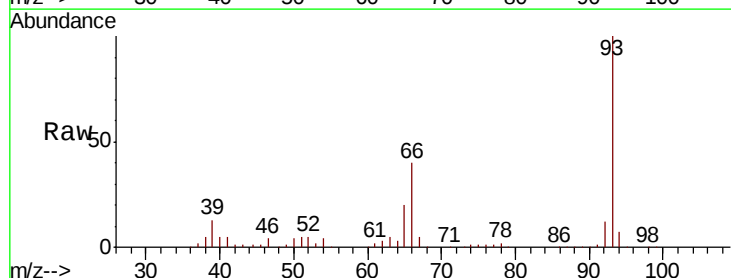
Tgt Ion: 93 Resp: 553687

Ion Ratio Lower Upper

93 100

66 39.7 67.4 101.0#

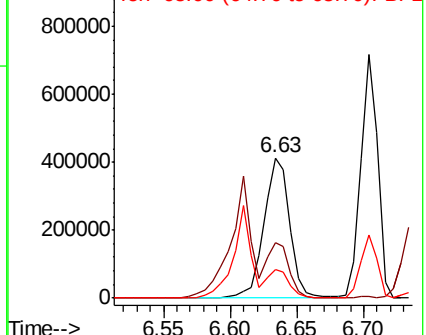
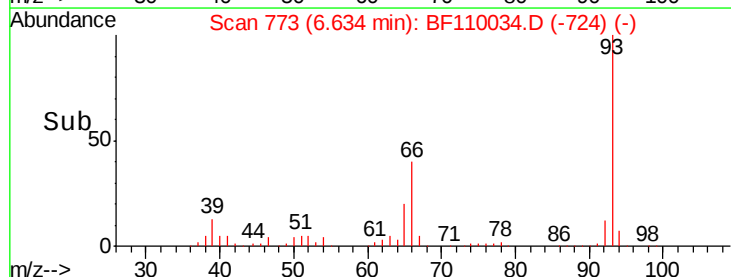
65 20.2 41.0 61.4#

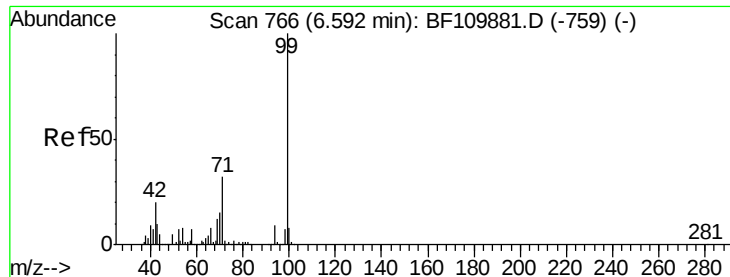


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.755 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampled :

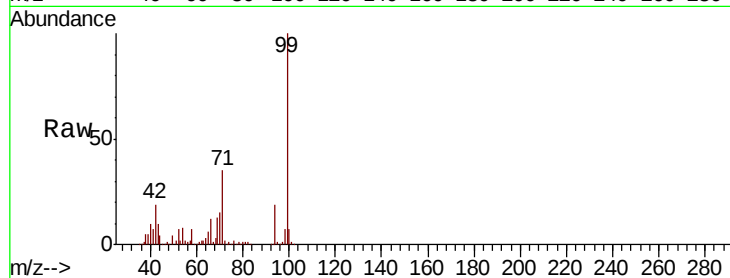
Tot Ion: 99 Resp: 1505037

Ion Ratio Lower Upper

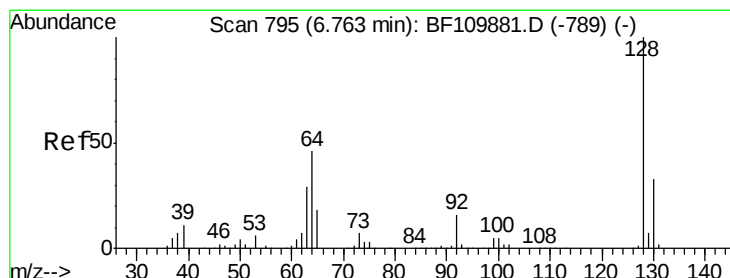
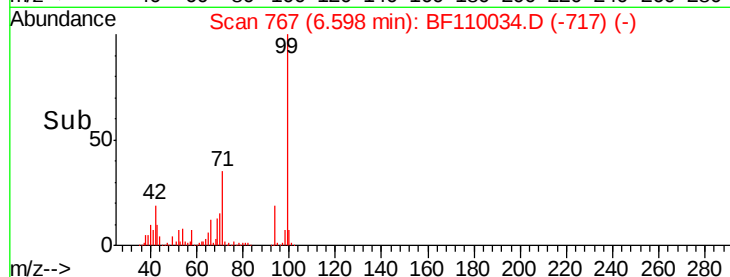
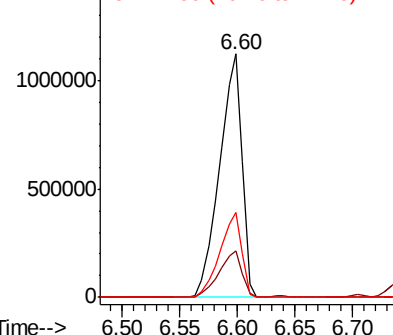
99 100

42 19.0 15.8 23.6

71 34.7 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: 41.755 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

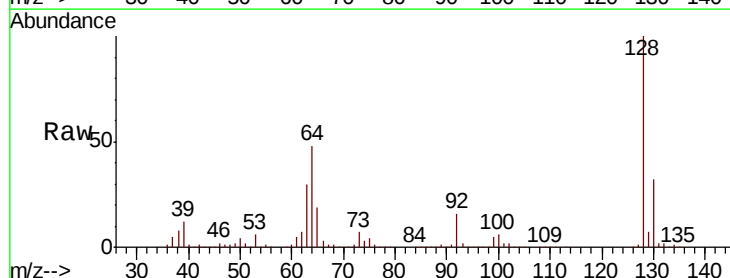
Tgt Ion: 128 Resp: 668873

Ion Ratio Lower Upper

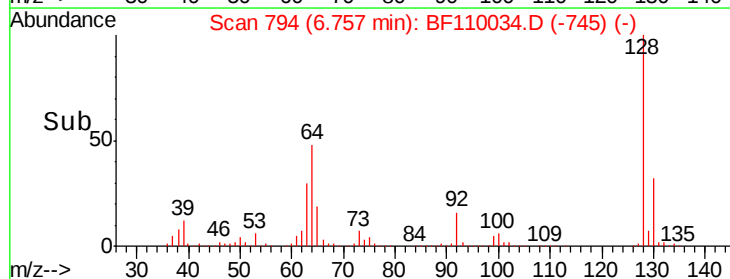
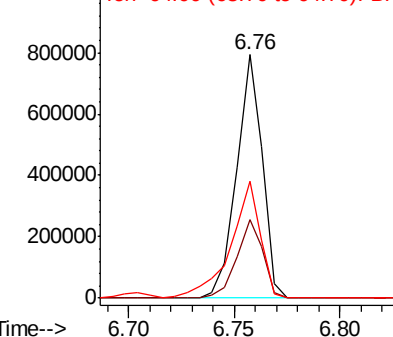
128 100

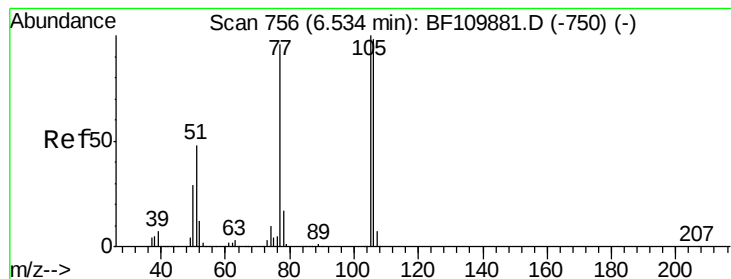
130 32.4 13.1 53.1

64 48.0 26.0 66.0



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





#9

Benzaldehyde

Concen: 23.446 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

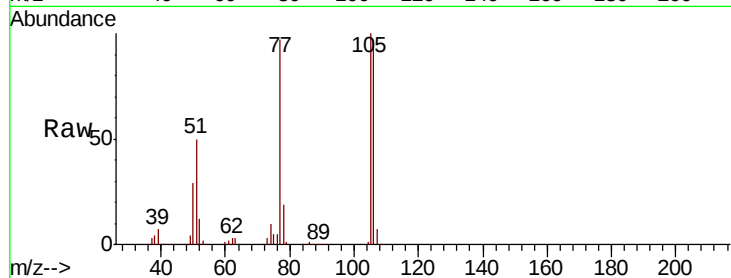
Tot Ion: 77 Resp: 270557

Ion Ratio Lower Upper

77 100

105 103.4 78.6 118.6

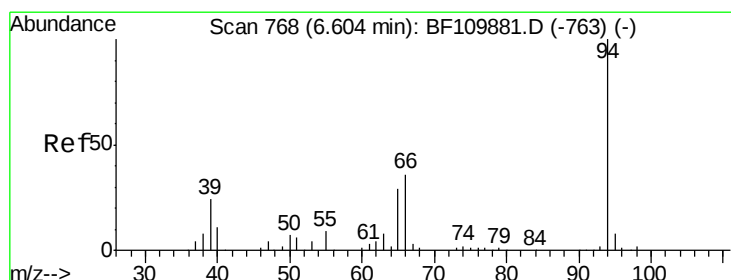
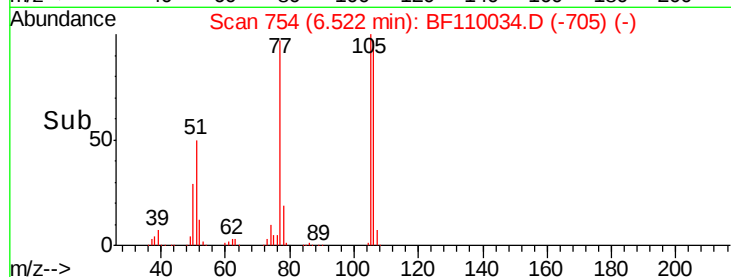
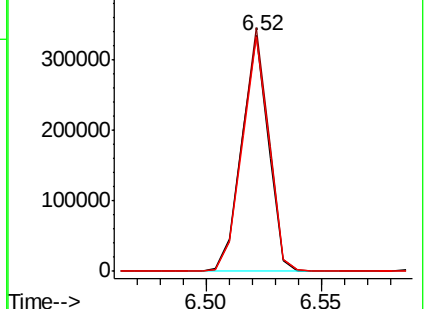
106 99.8 74.8 114.8



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: 41.715 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

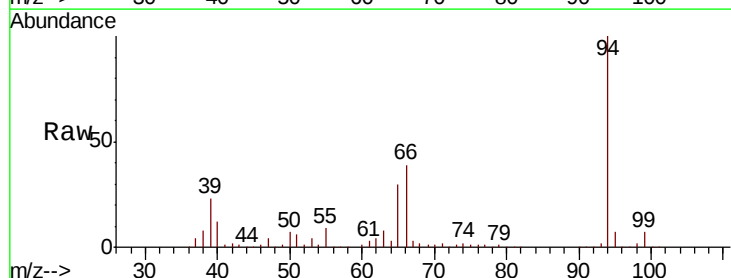
Tgt Ion: 94 Resp: 799770

Ion Ratio Lower Upper

94 100

65 29.9 25.3 65.3

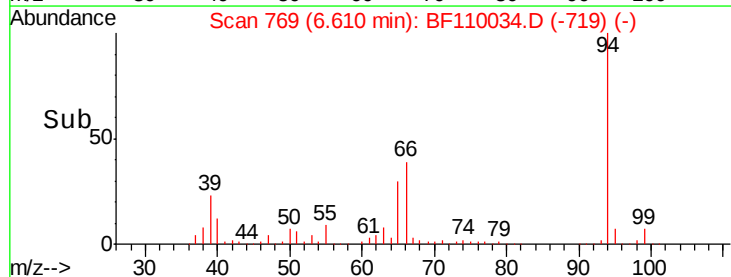
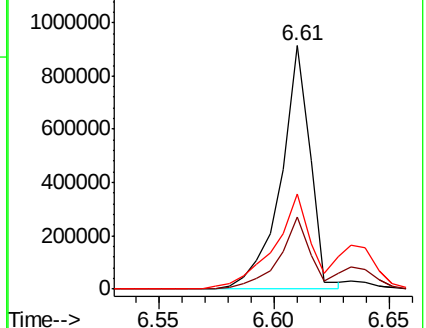
66 39.3 54.5 94.5#

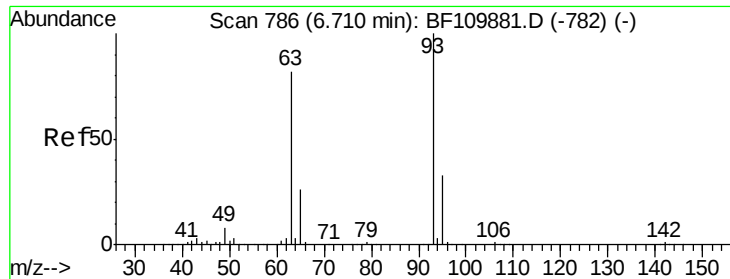


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.975 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

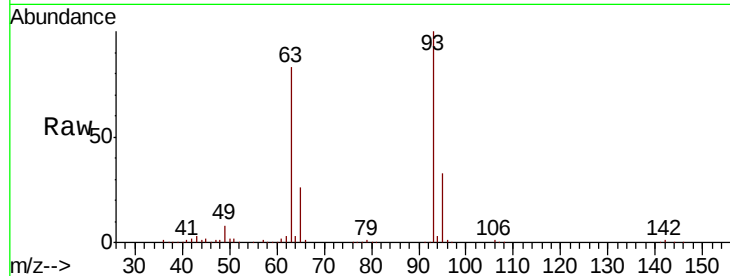
Tot Ion: 93 Resp: 624791

Ion Ratio Lower Upper

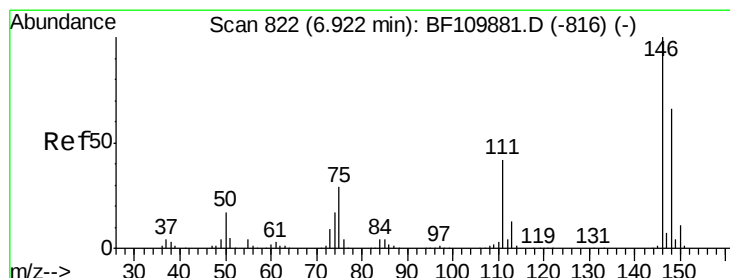
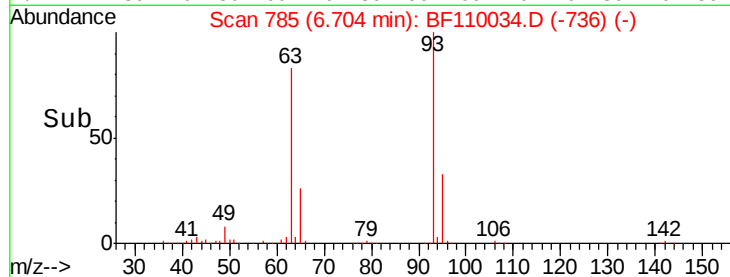
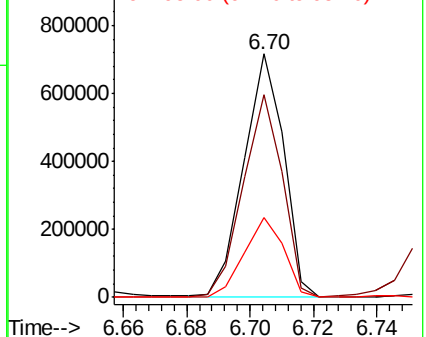
93 100

63 83.4 53.4 93.4

95 32.8 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.410 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

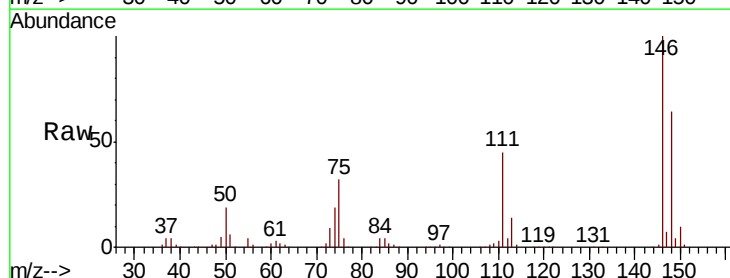
Tgt Ion: 146 Resp: 692240

Ion Ratio Lower Upper

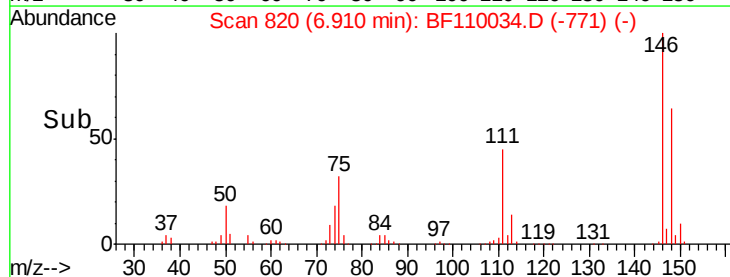
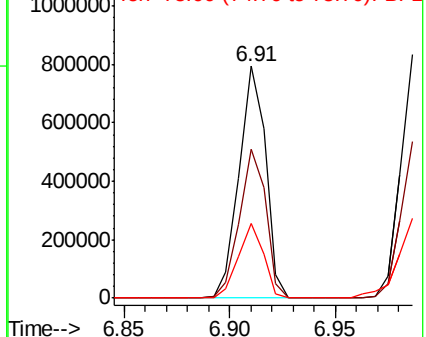
146 100

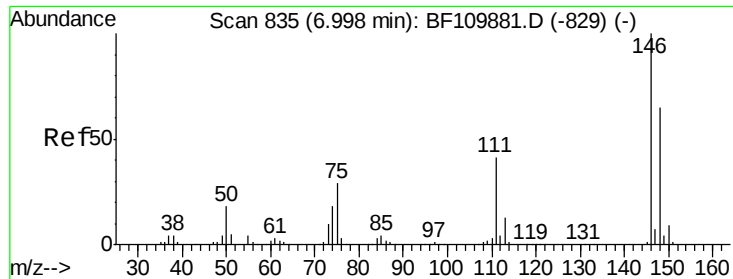
148 64.1 50.4 75.6

75 32.4 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

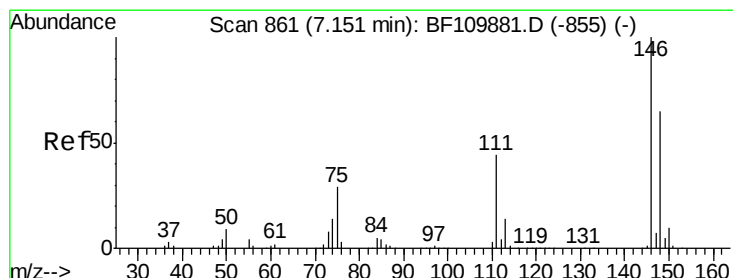
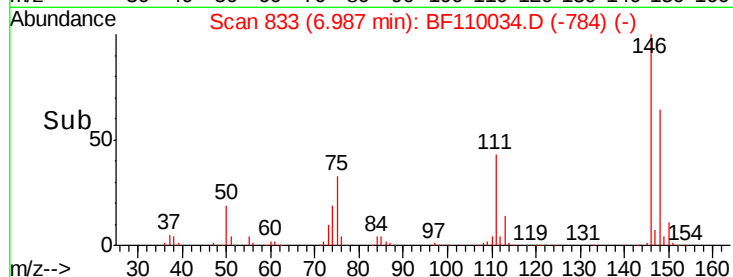
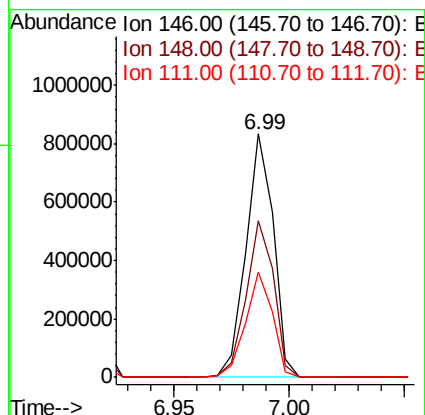
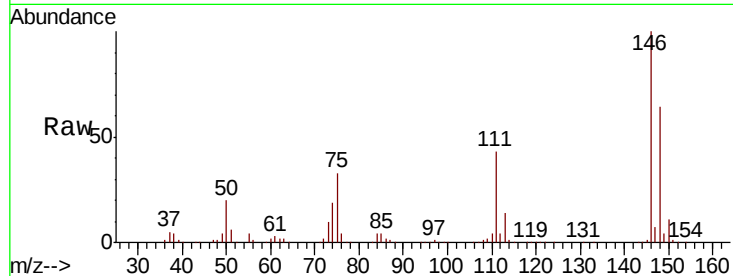




#13
 1,4-Dichlorobenzene
 Concen: 39.295 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

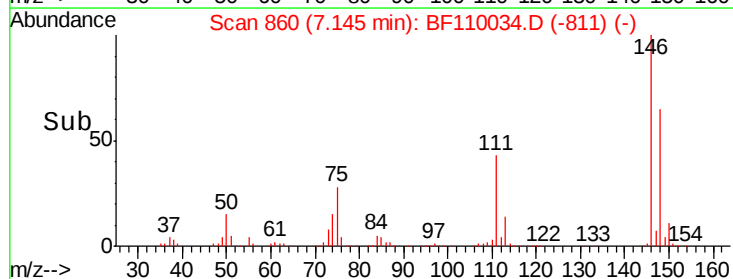
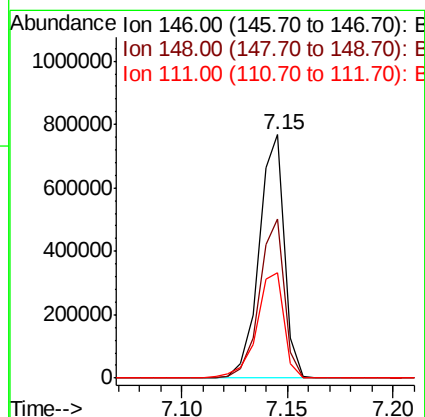
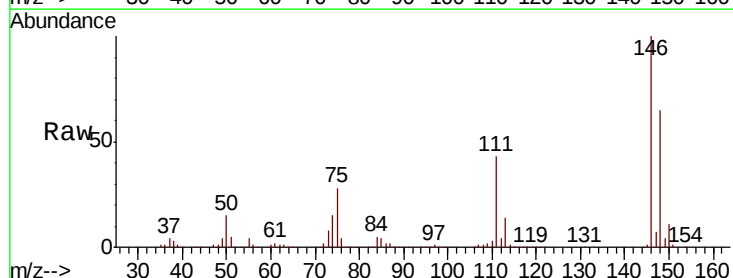
Instrument :
 BNA_F
 ClientSampleId :

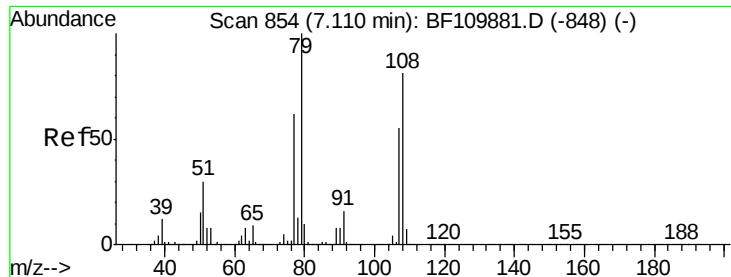
Tot Ion:146 Resp: 695134
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.3 75.5
 111 43.4 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 39.403 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion:146 Resp: 641860
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.1 76.7
 111 43.1 35.8 53.6





#15

Benzyl Alcohol

Concen: 42.312 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

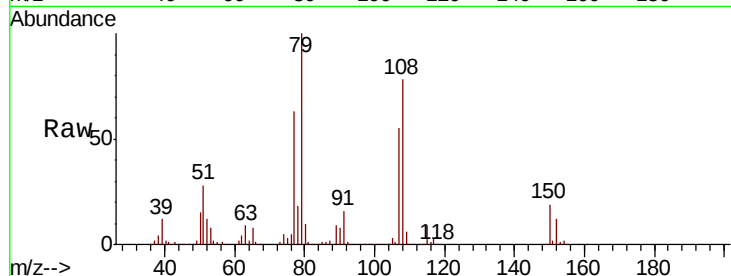
Tot Ion: 79 Resp: 578054

Ion Ratio Lower Upper

79 100

108 78.2 56.3 84.5

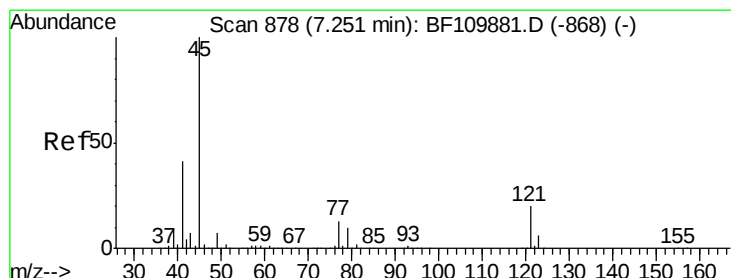
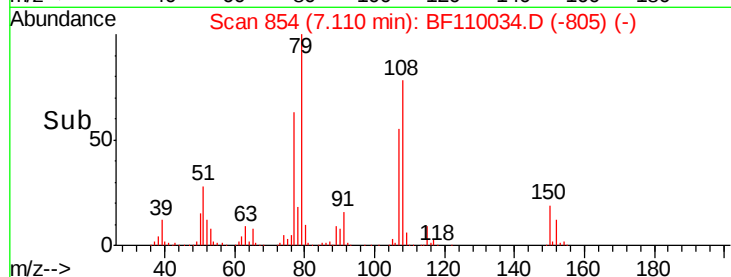
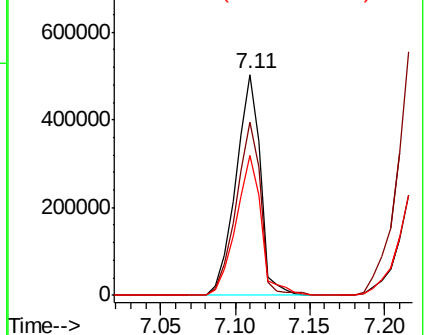
77 63.4 52.9 79.3



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: 38.320 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

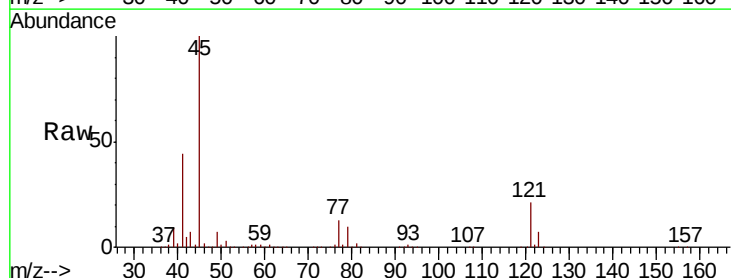
Tgt Ion: 45 Resp: 1008245

Ion Ratio Lower Upper

45 100

77 13.0 10.0 50.0

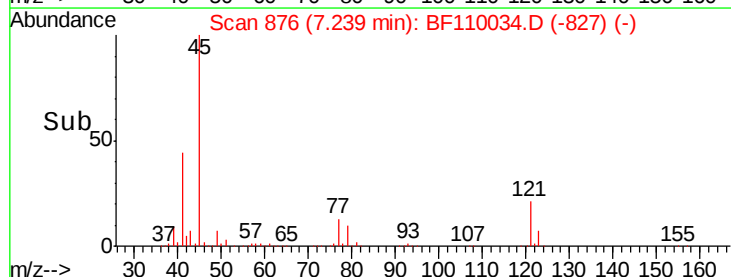
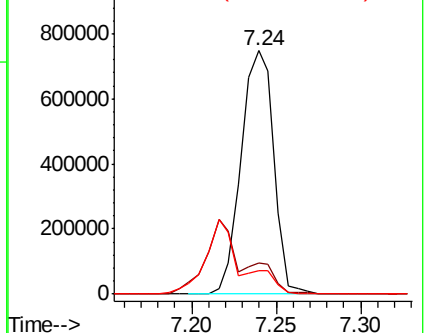
79 9.8 6.1 46.1

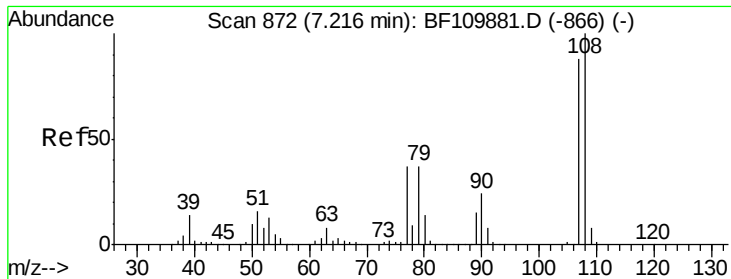


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.559 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 549743

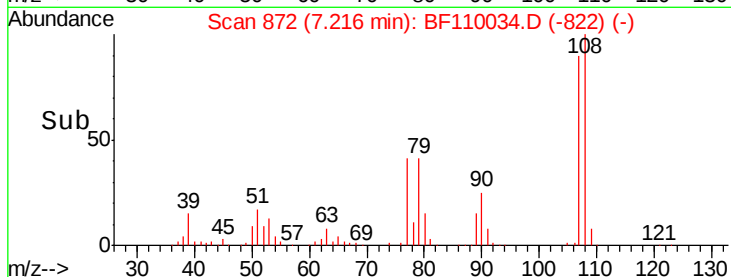
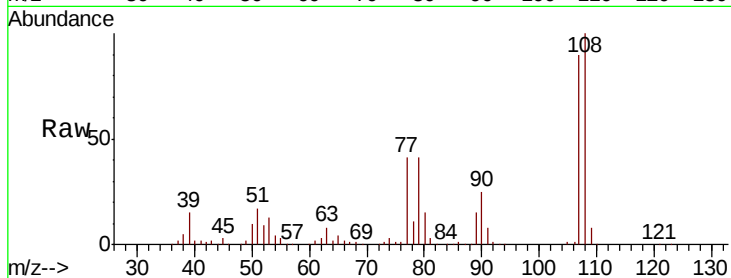
Ion Ratio Lower Upper

107 100

108 111.2 92.6 138.8

77 46.0 59.4 89.2#

79 45.8 54.0 81.0#



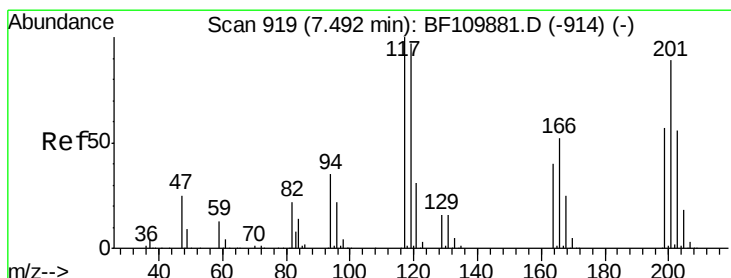
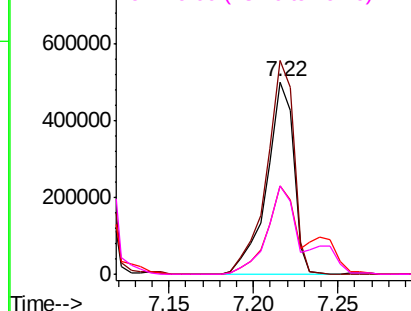
Abundance

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



#18

Hexachloroethane

Concen: 40.377 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

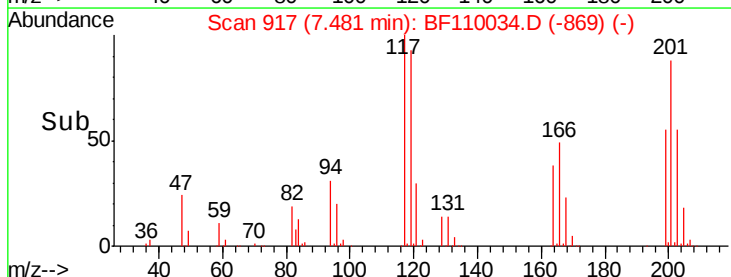
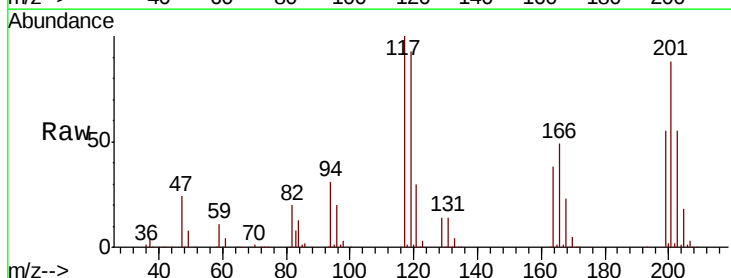
Tgt Ion:117 Resp: 252419

Ion Ratio Lower Upper

117 100

119 93.3 75.0 112.6

201 88.2 79.2 118.8

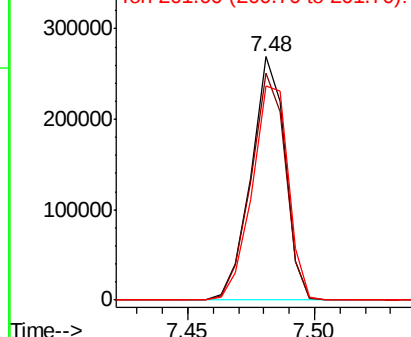


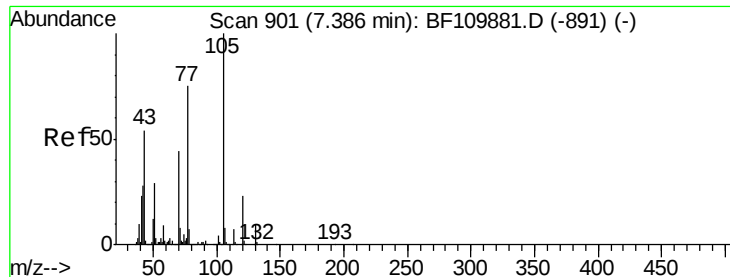
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

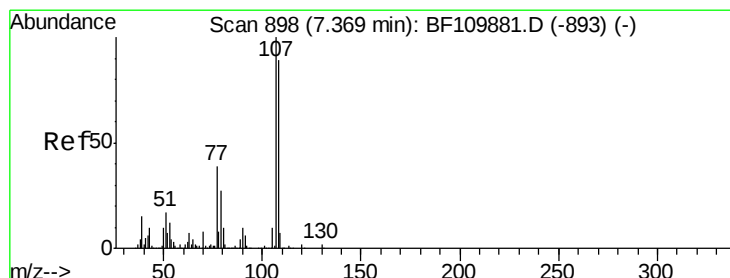
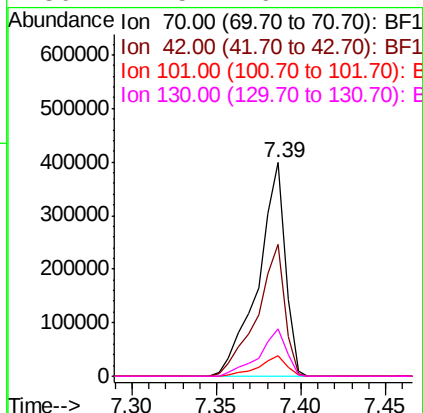
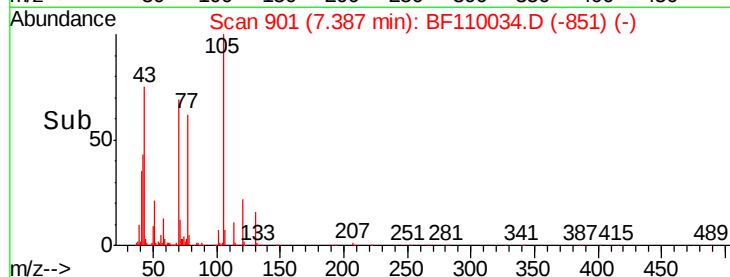
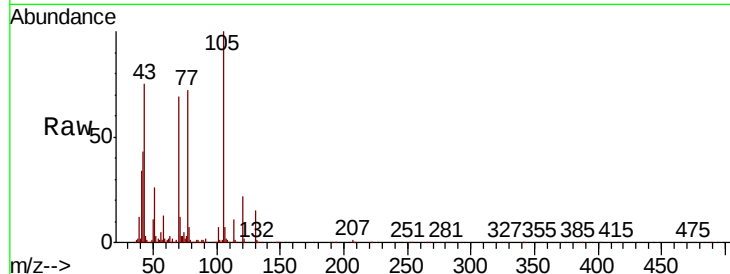




#19
n-Nitroso-di-n-propylamine
Concen: 38.934 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

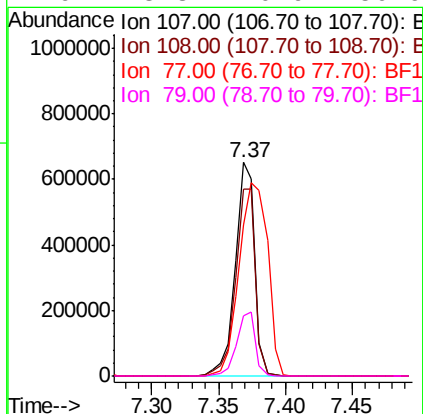
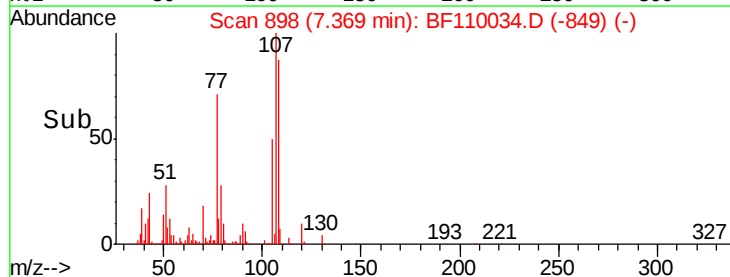
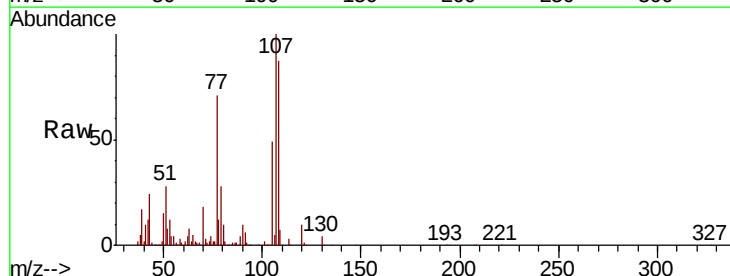
Instrument :
BNA_F
ClientSampleId :

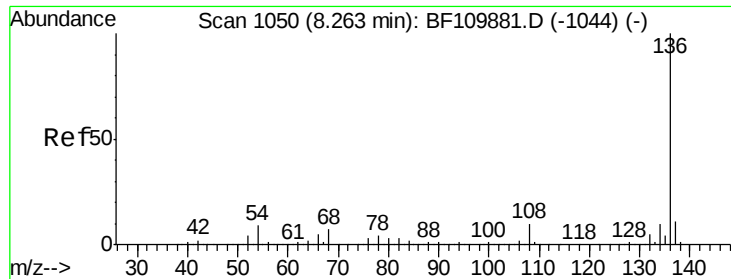
Tot Ion:	70	Resp:	443920
Ion	Ratio	Lower	Upper
70	100		
42	61.9	47.4	71.2
101	9.9	7.3	10.9
130	22.5	16.2	24.2



#20
3+4-Methylphenols
Concen: 40.540 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:	107	Resp:	664515
Ion	Ratio	Lower	Upper
107	100		
108	87.4	71.4	111.4
77	70.8	47.3	87.3
79	28.3	10.9	50.9

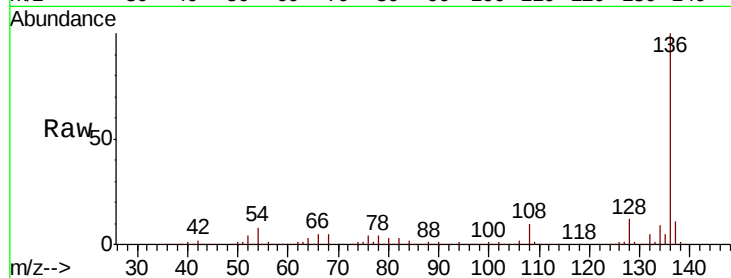




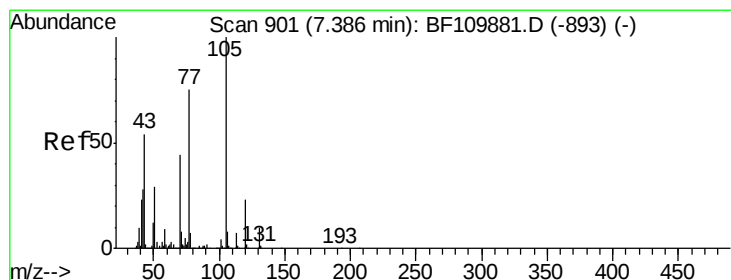
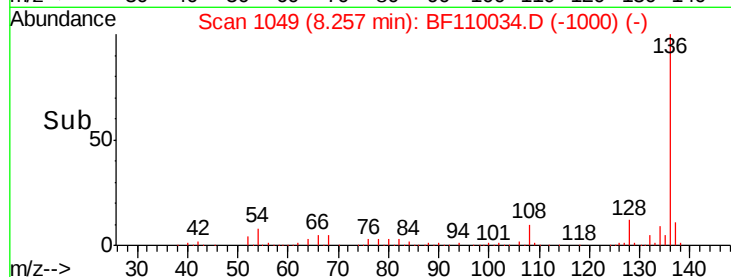
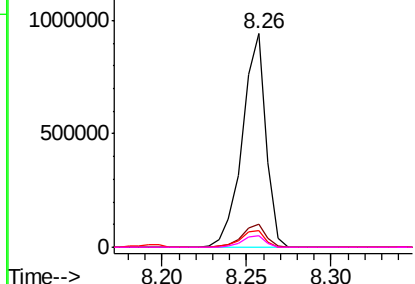
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	916746
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.7	5.4 8.2
68	5.3	4.2 6.2

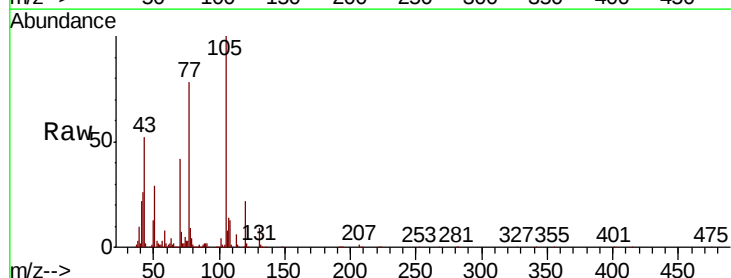


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

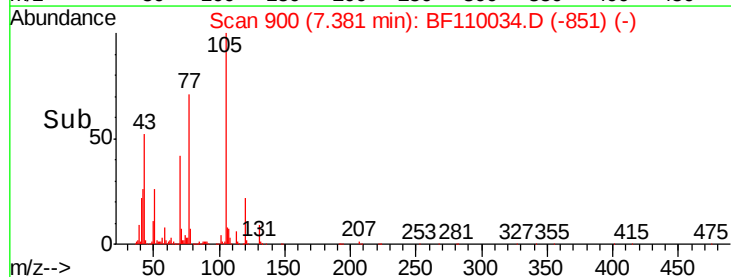
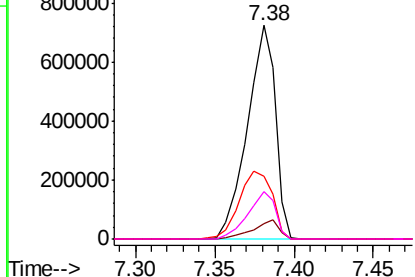


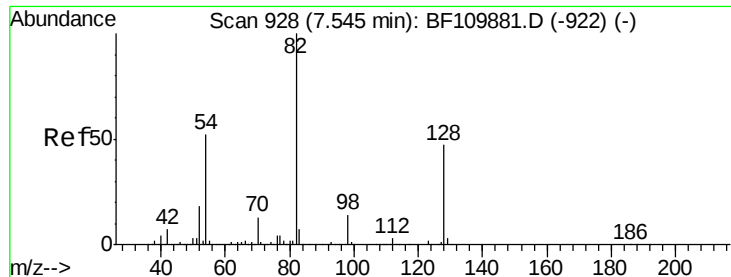
#22
Acetophenone
Concen: 41.835 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:105	Resp:	889413
Ion Ratio	Lower	Upper
105	100	
71	7.1	5.2 7.8
51	29.3	21.8 32.8
120	22.3	17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

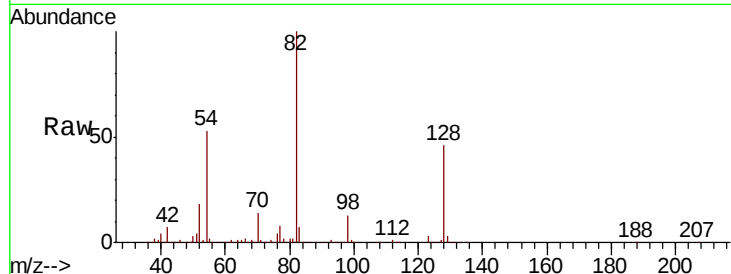




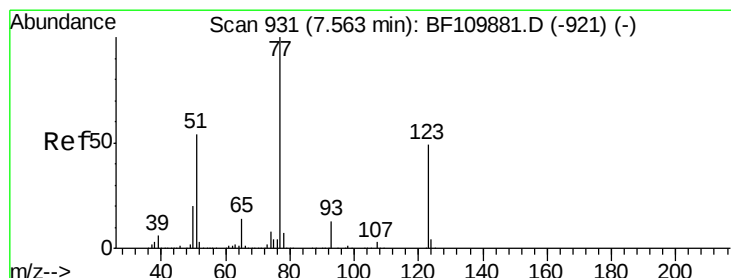
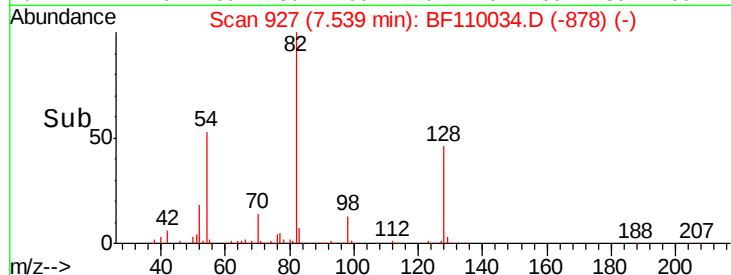
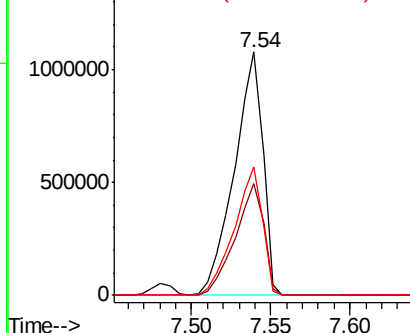
#23
 Nitrobenzene-d5
 Concen: 98.421 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1339400
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.2 51.2
 54 52.7 38.6 58.0

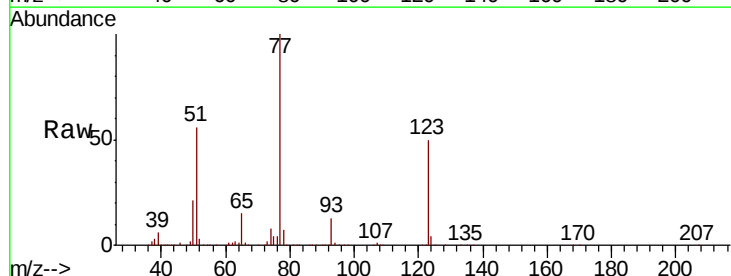


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

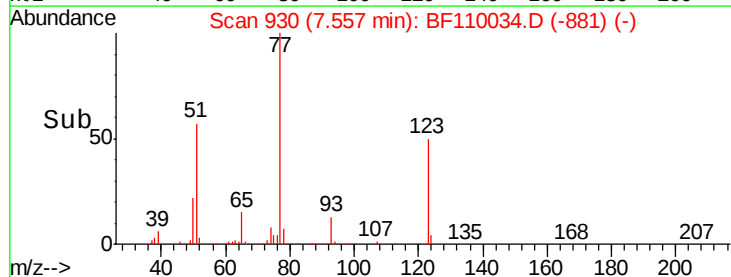
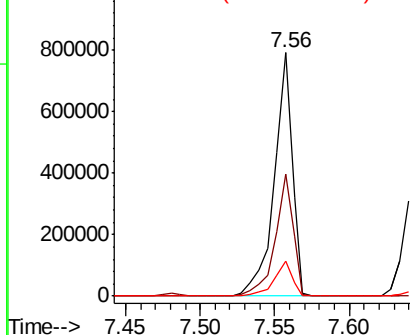


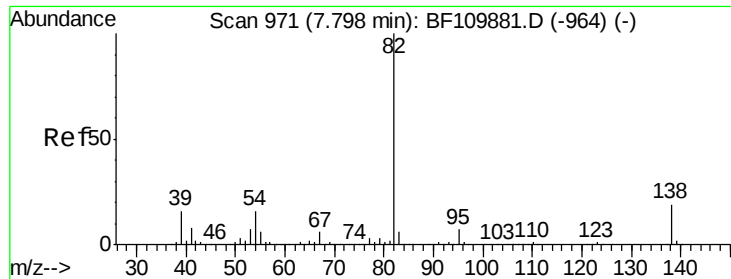
#24
 Nitrobenzene
 Concen: 45.002 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion: 77 Resp: 665298
 Ion Ratio Lower Upper
 77 100
 123 49.9 35.7 53.5
 65 14.6 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

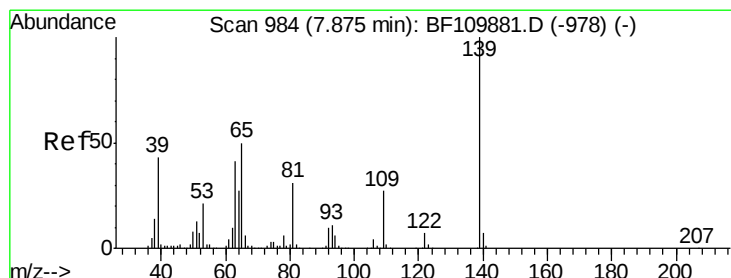
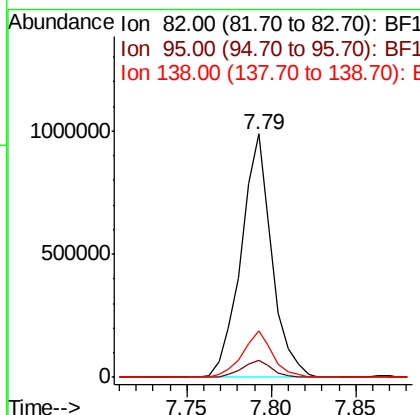
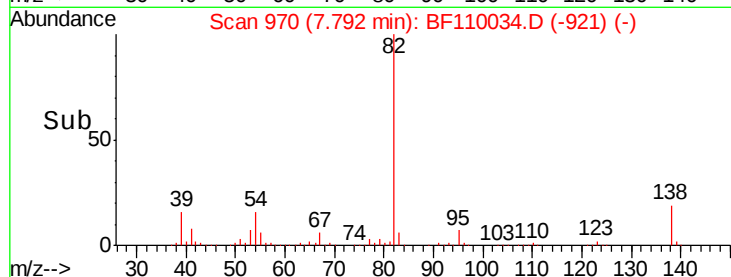
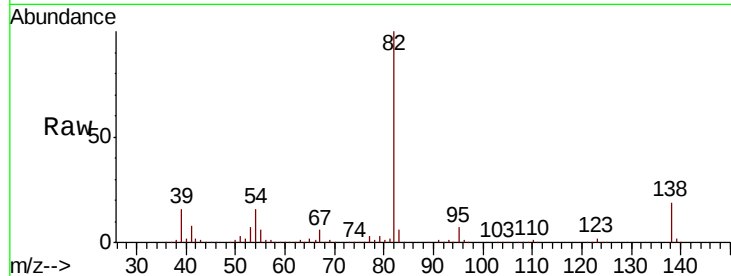




#25
Isophorone
Concen: 46.636 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

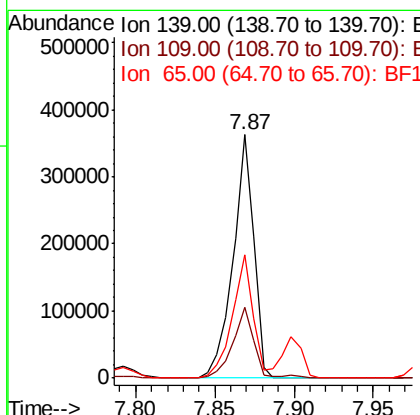
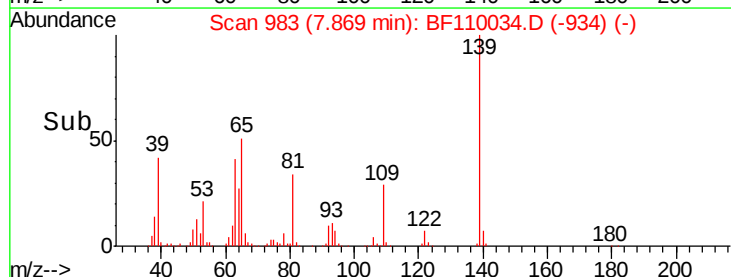
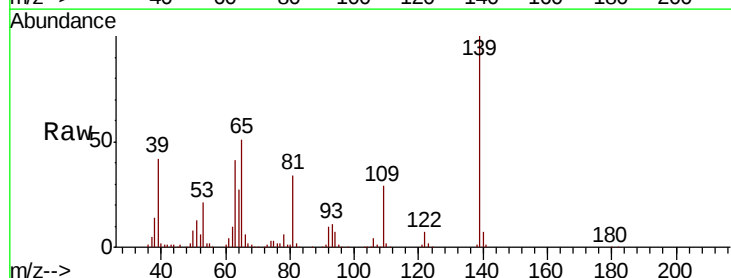
Instrument :
BNA_F
ClientSampleId :

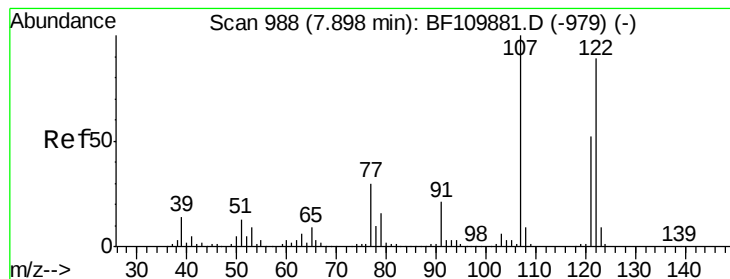
Tot Ion: 82 Resp: 1247058
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.0 13.2 19.8



#26
2-Nitrophenol
Concen: 53.609 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion: 139 Resp: 328611
Ion Ratio Lower Upper
139 100
109 29.3 25.0 37.6
65 50.5 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 48.381 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

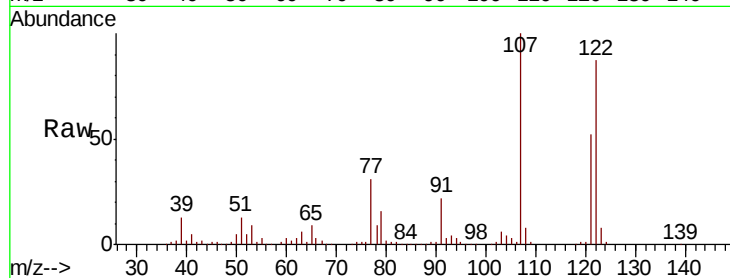
Tot Ion:122 Resp: 623137

Ion Ratio Lower Upper

122 100

107 114.5 92.5 138.7

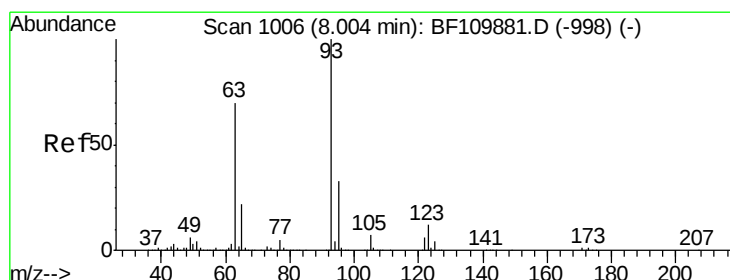
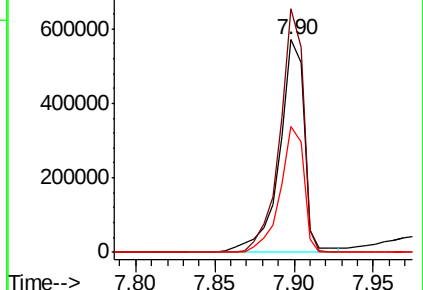
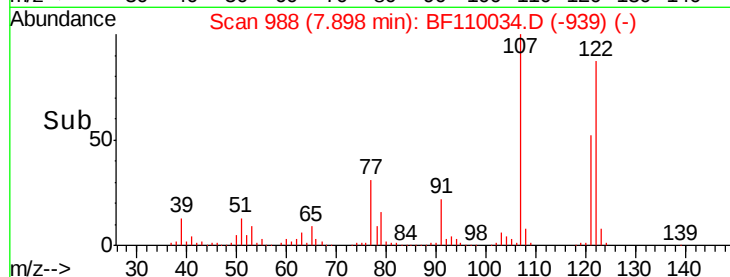
121 59.4 45.8 68.8



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: 42.363 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

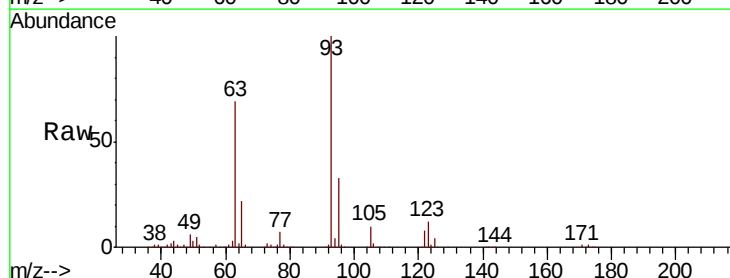
Tgt Ion: 93 Resp: 777423

Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

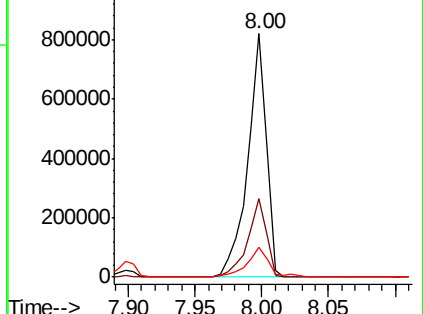
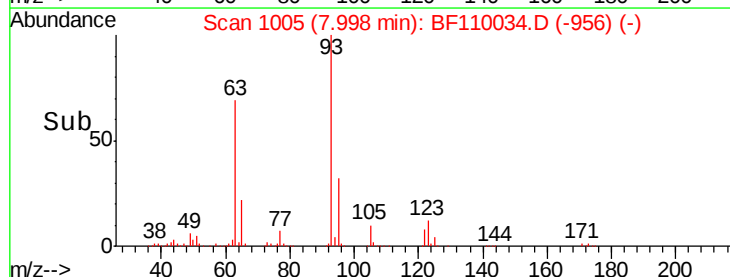
123 12.2 9.0 13.6

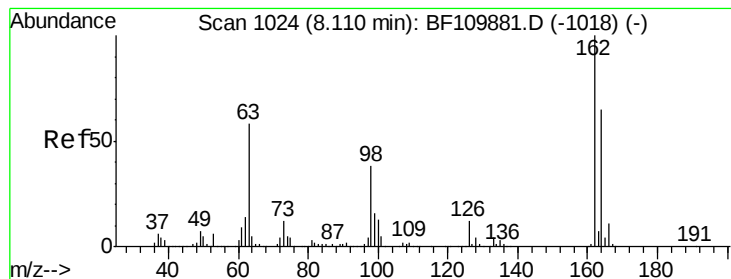


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.675 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

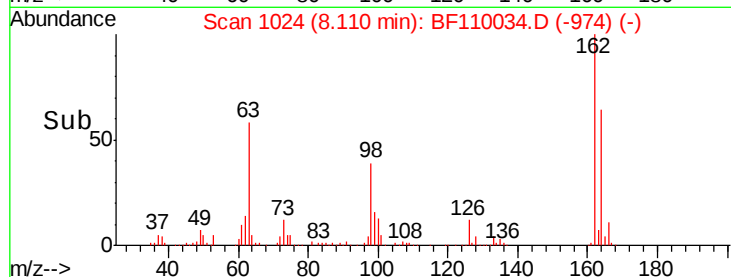
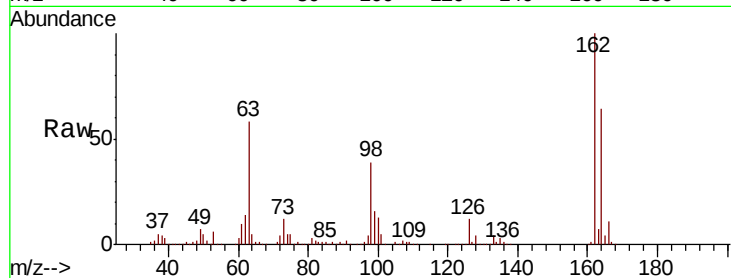
Tot Ion:162 Resp: 533202

Ion Ratio Lower Upper

162 100

164 64.2 44.6 84.6

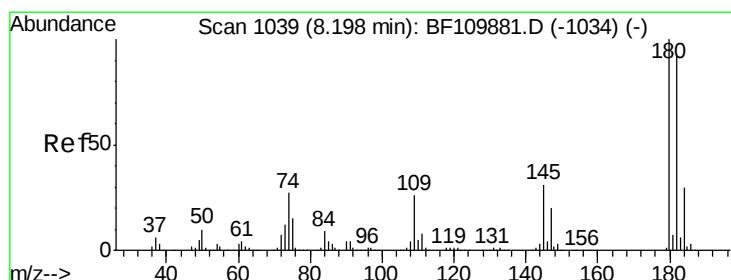
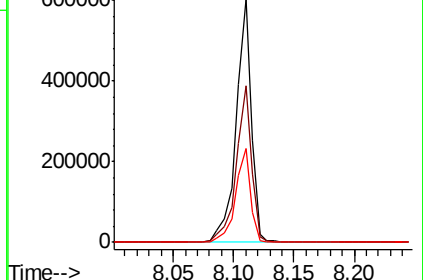
98 38.7 17.4 57.4



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: 40.761 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

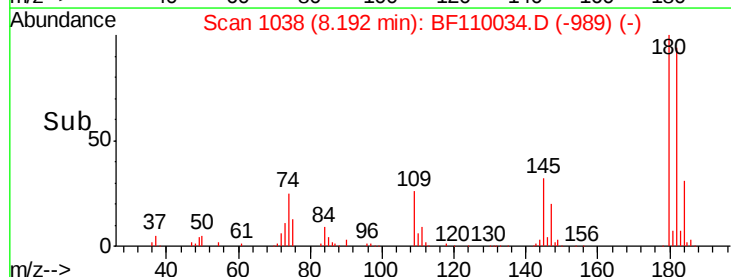
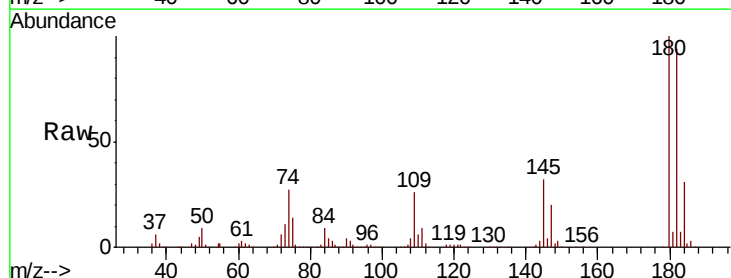
Tgt Ion:180 Resp: 570244

Ion Ratio Lower Upper

180 100

182 94.5 80.3 120.5

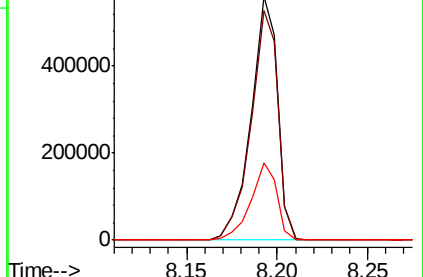
145 31.6 25.4 38.0

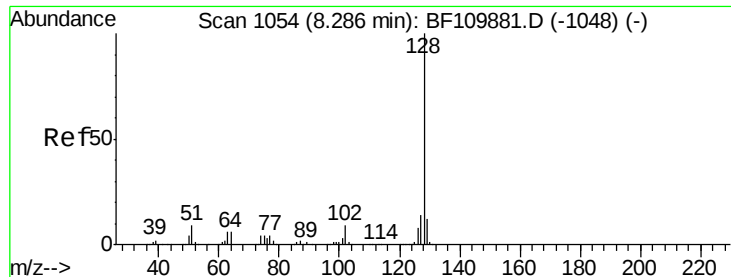


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

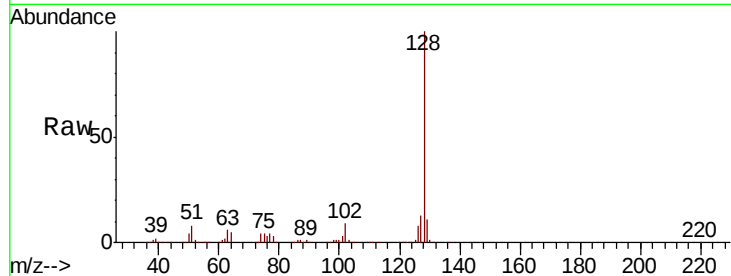




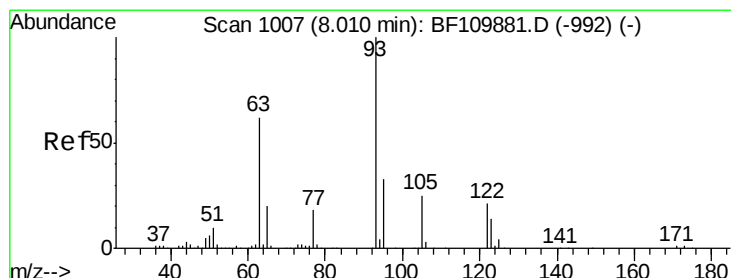
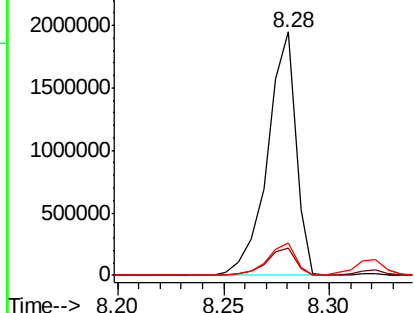
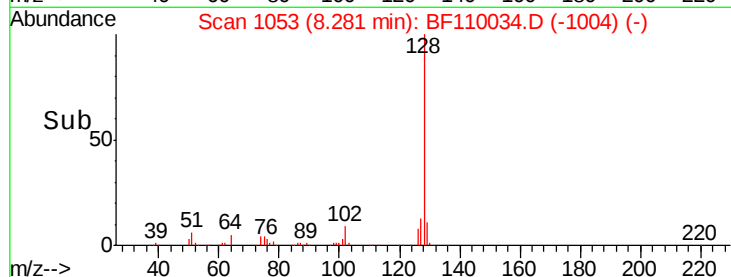
#31
Naphthalene
Concen: 43.466 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1827263
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.8 16.2

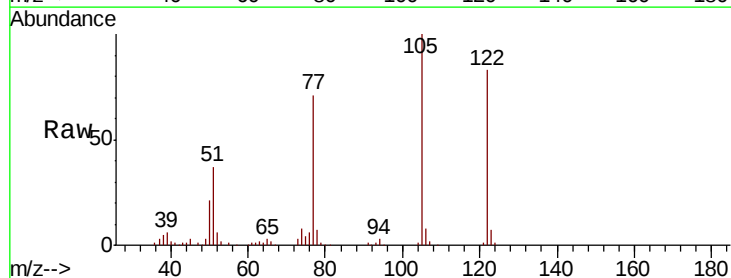


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

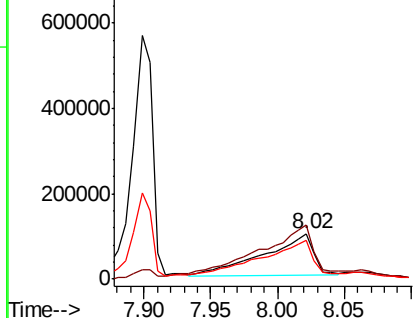
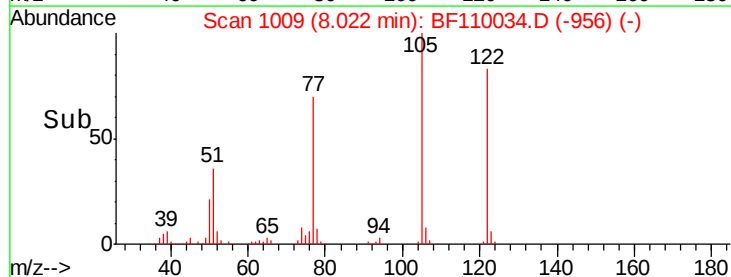


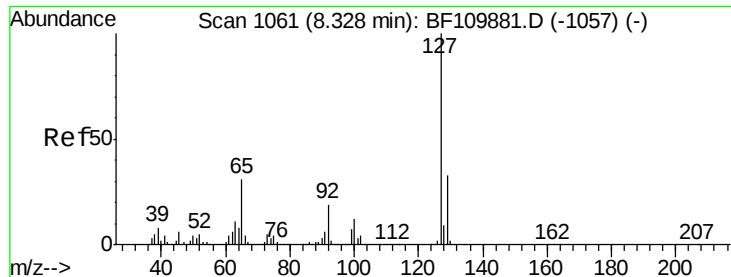
#32
Benzoic acid
Concen: 31.223 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:122 Resp: 250562
Ion Ratio Lower Upper
122 100
105 120.4 109.0 149.0
77 86.0 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

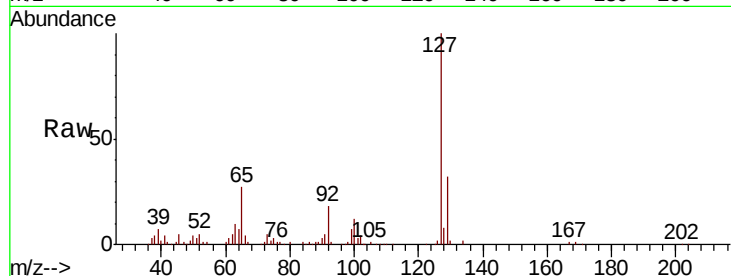




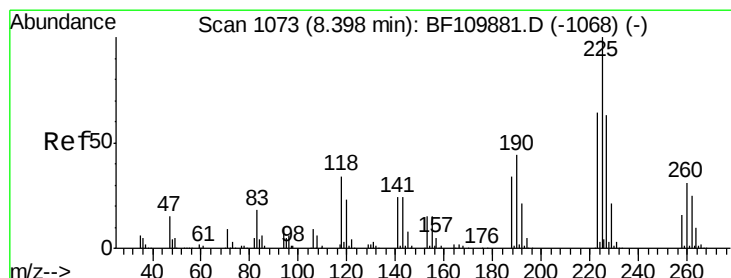
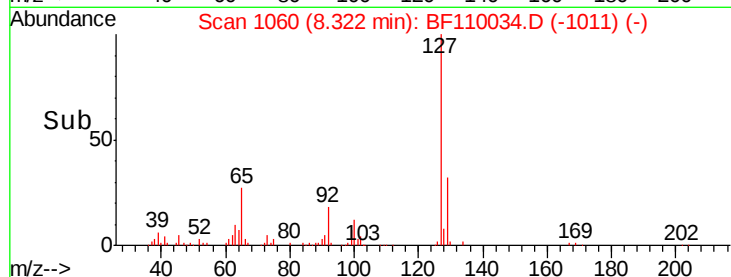
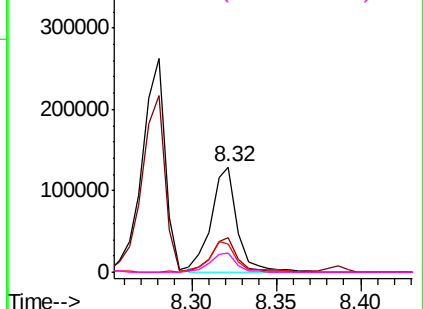
#33
4-Chloroaniline
Concen: 7.467 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	141107
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.0	39.0
65	27.1	25.1	37.7
92	18.2	15.0	22.6

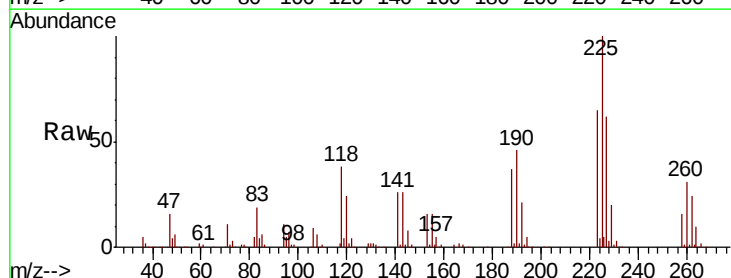


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

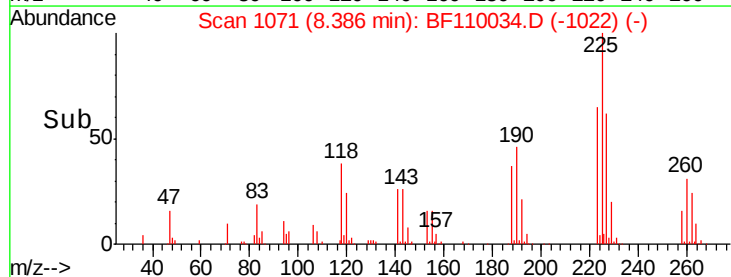
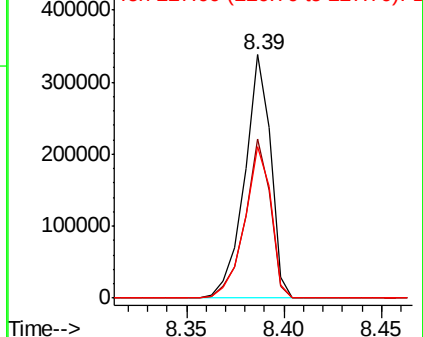


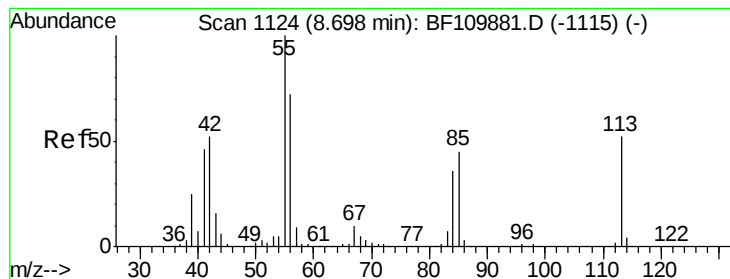
#34
Hexachlorobutadiene
Concen: 40.400 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:	225	Resp:	311668
Ion Ratio	Lower	Upper	
225	100		
223	65.5	51.4	77.2
227	62.4	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: 30.318 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

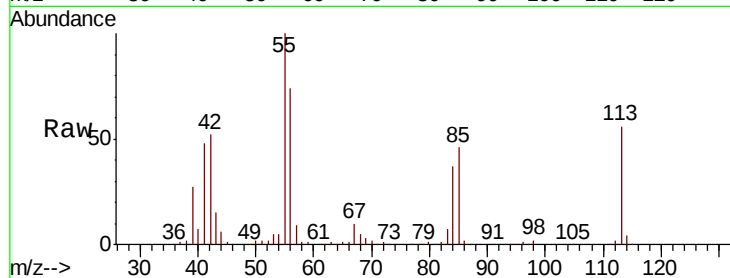
Tot Ion:113 Resp: 134535

Ion Ratio Lower Upper

113 100

55 179.6 142.8 182.8

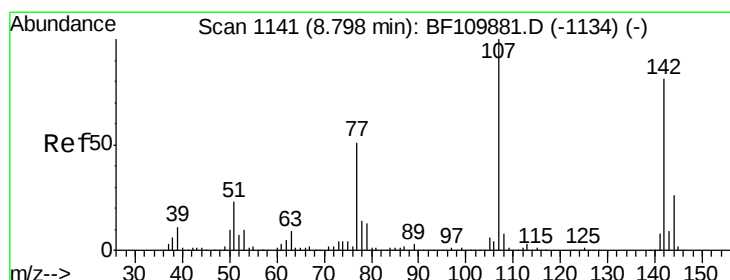
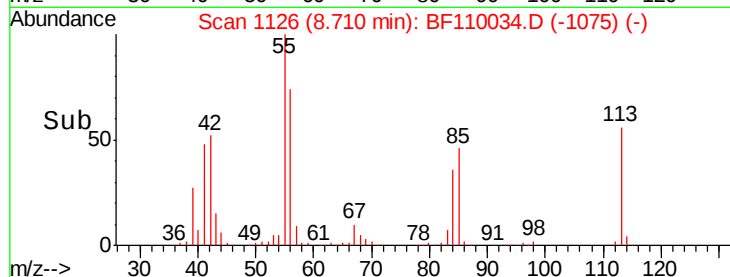
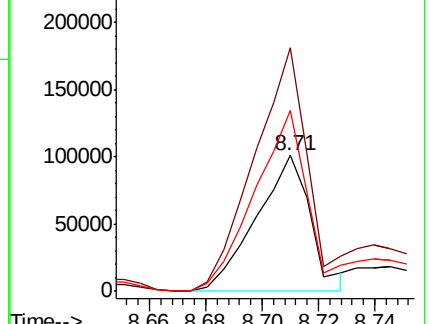
56 133.2 105.0 145.0



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: 43.106 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

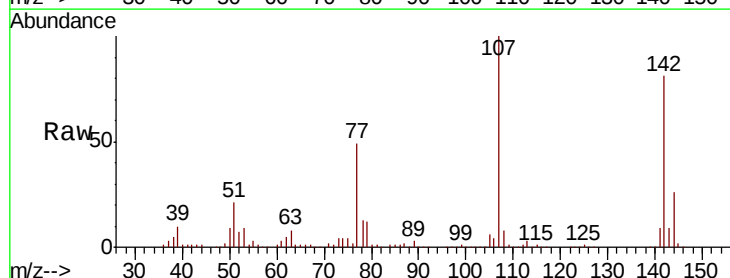
Tgt Ion:107 Resp: 568177

Ion Ratio Lower Upper

107 100

144 25.8 20.0 30.0

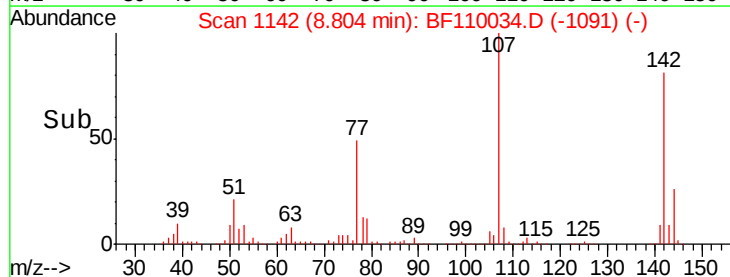
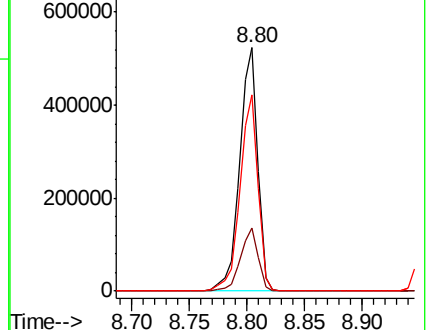
142 80.8 59.7 89.5

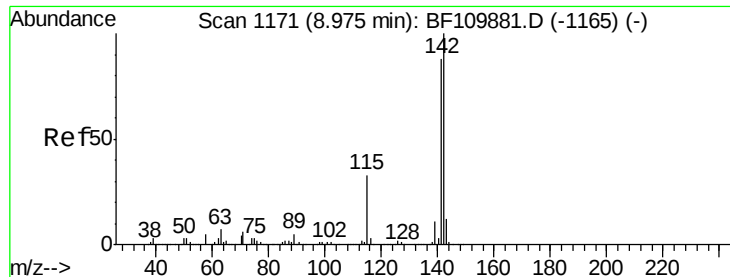


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

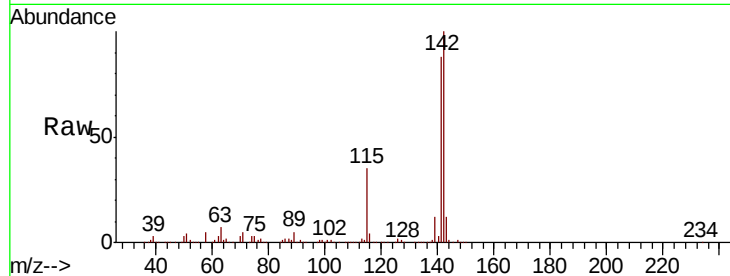




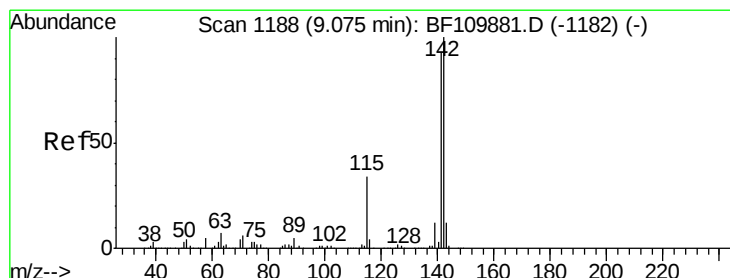
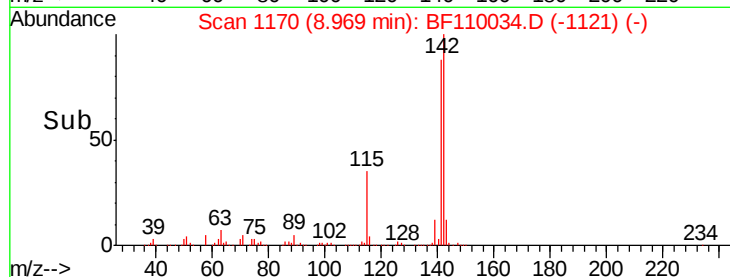
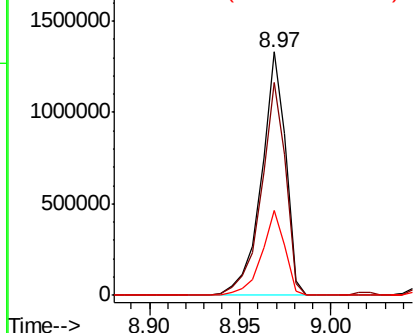
#37
2-Methylnaphthalene
Concen: 45.251 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1231805
Ion Ratio Lower Upper
142 100
141 87.6 71.4 107.2
115 34.9 28.7 43.1

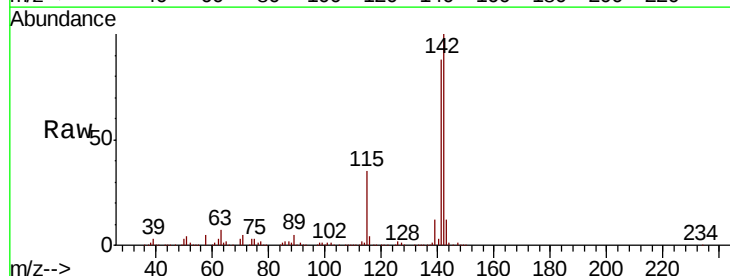


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

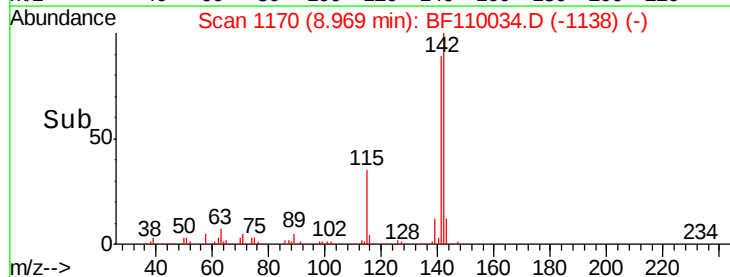
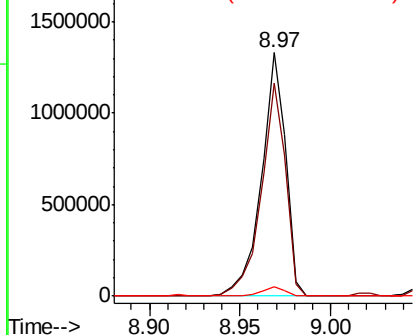


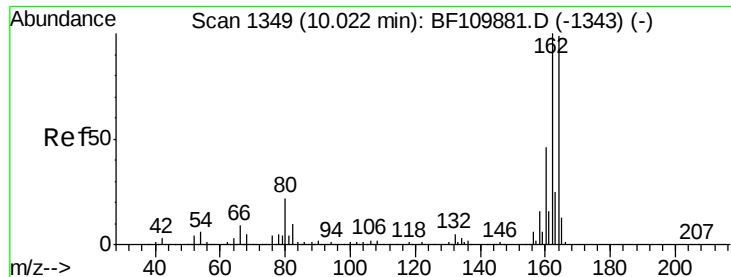
#38
1-Methylnaphthalene
Concen: 46.699 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.11 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:142 Resp: 1231805
Ion Ratio Lower Upper
142 100
141 87.6 74.2 111.4
116 3.9 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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

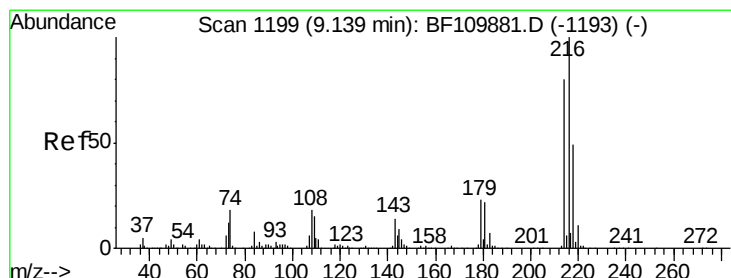
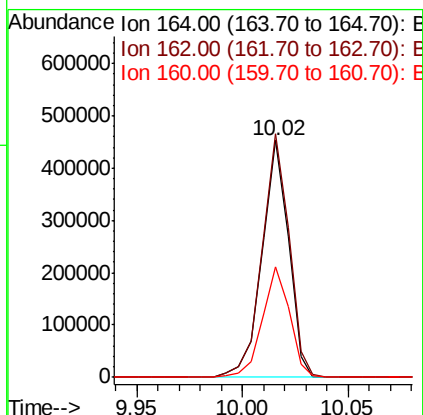
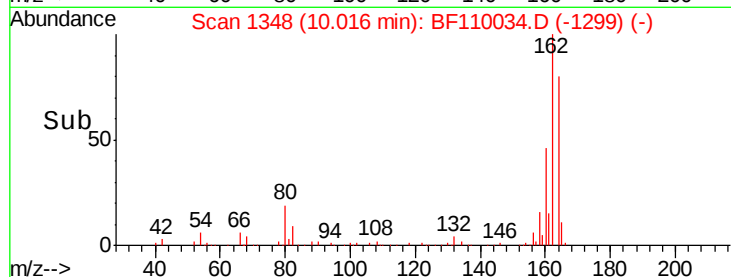
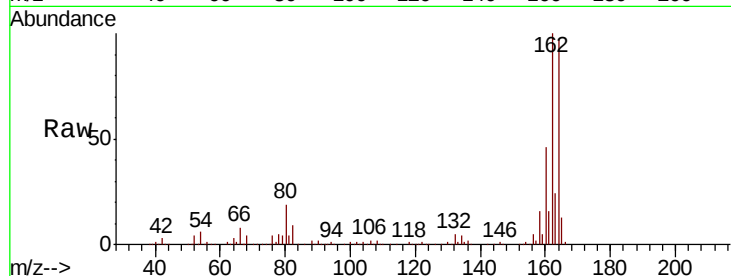
Tot Ion:164 Resp: 399520

Ion Ratio Lower Upper

164 100

162 102.7 83.0 124.6

160 46.8 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.546 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Tgt Ion:216 Resp: 523552

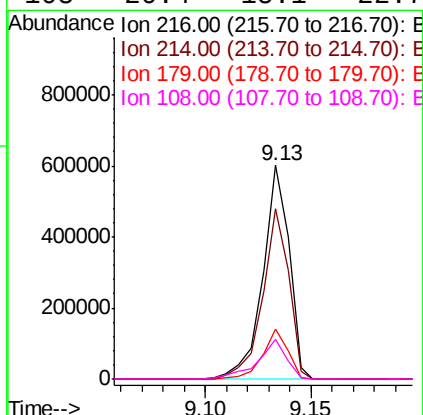
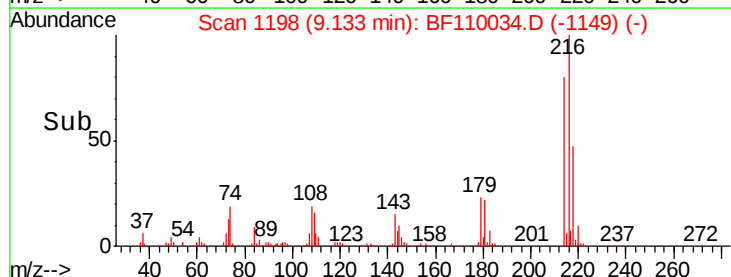
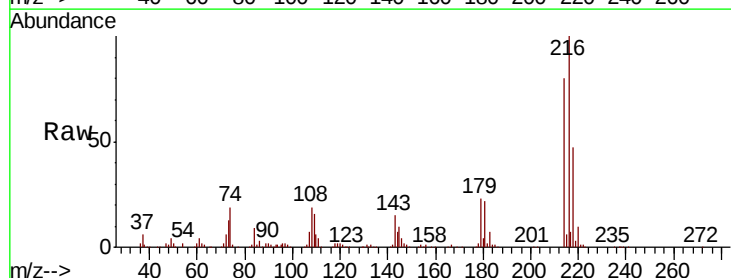
Ion Ratio Lower Upper

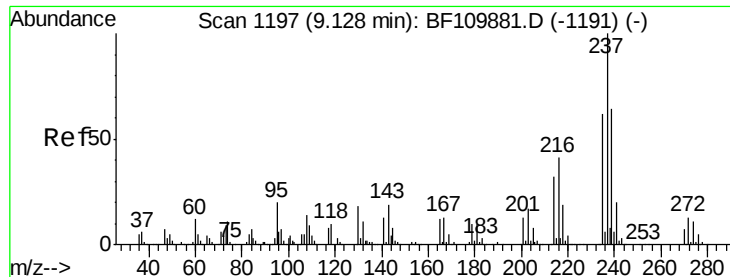
216 100

214 79.2 63.8 95.6

179 22.3 16.6 25.0

108 20.4 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 61.298 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

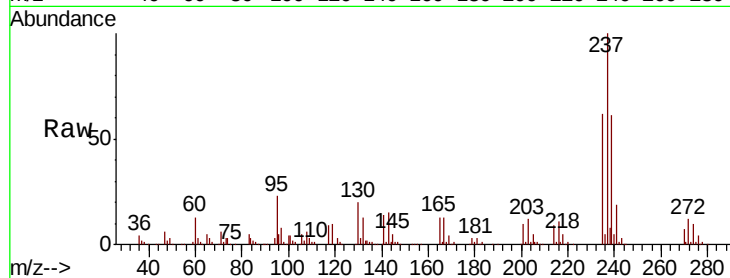
Tot Ion:237 Resp: 364075

Ion Ratio Lower Upper

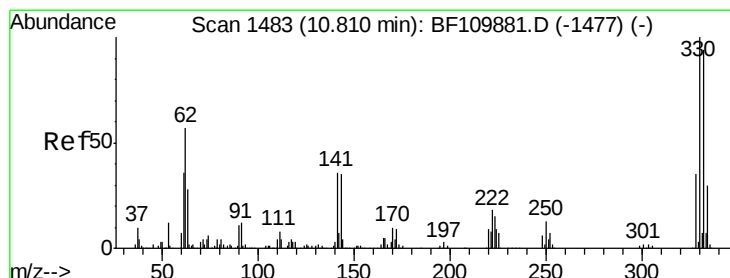
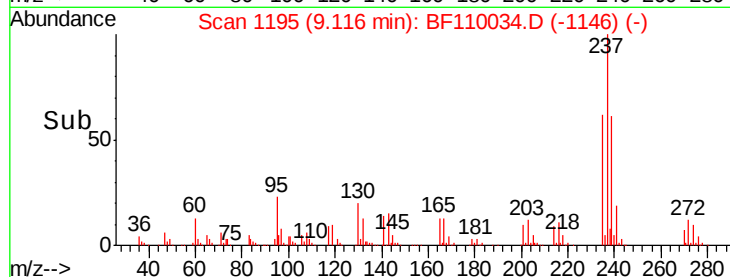
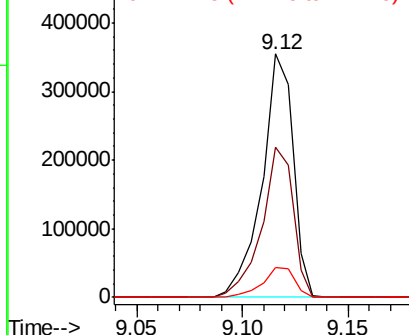
237 100

235 61.8 43.1 83.1

272 12.5 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: 87.323 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

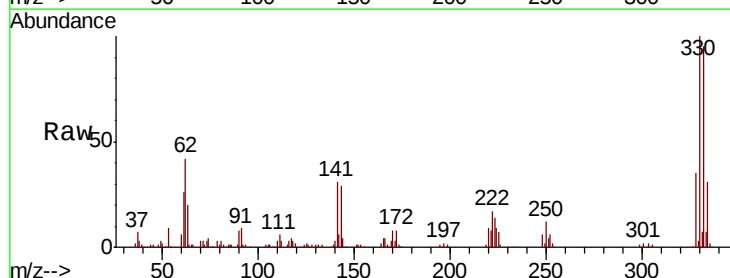
Tgt Ion:330 Resp: 302044

Ion Ratio Lower Upper

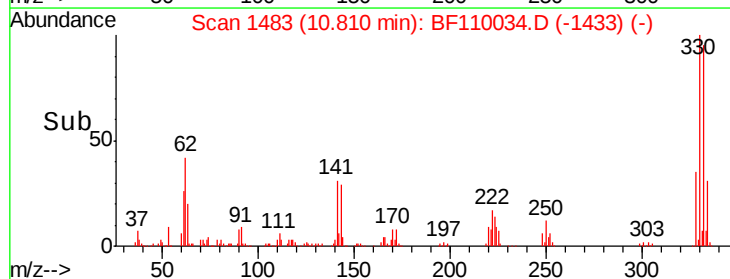
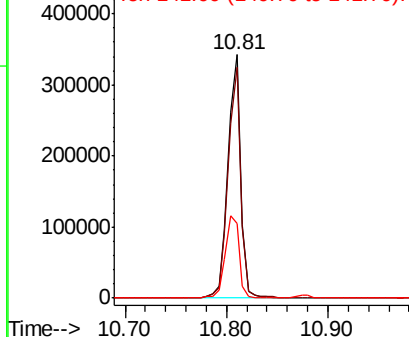
330 100

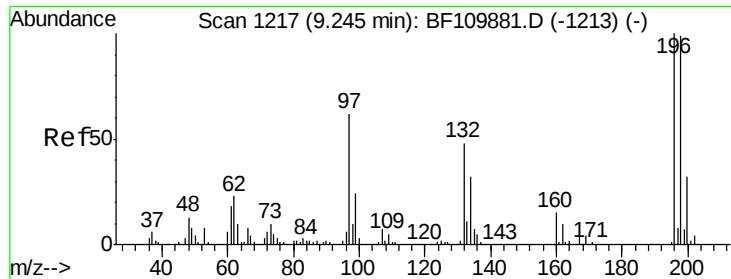
332 94.7 77.1 115.7

141 36.8 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

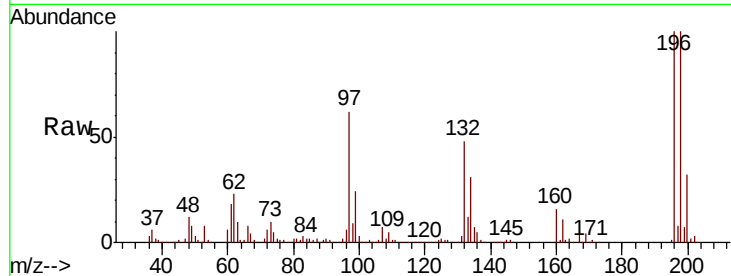




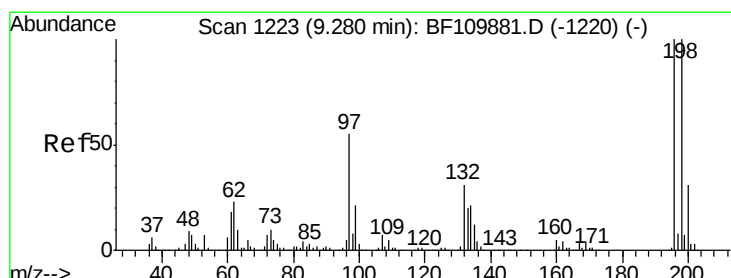
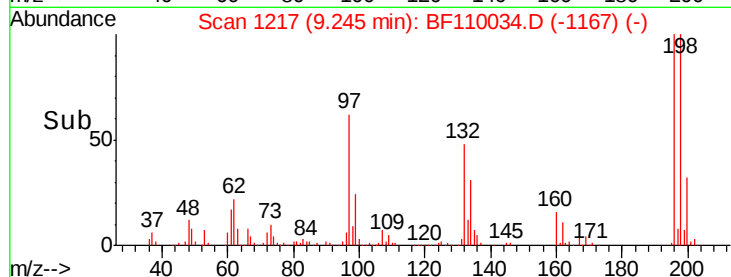
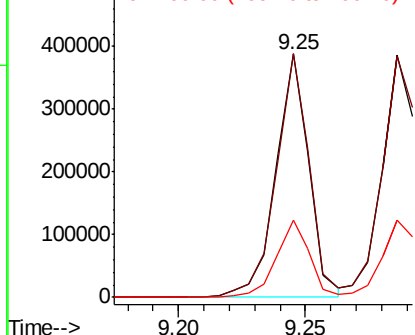
#43
 2,4,6-Trichlorophenol
 Concen: 46.046 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	354305
Ion Ratio	Lower	Upper	
196	100		
198	99.9	76.2	114.4
200	31.6	24.4	36.6



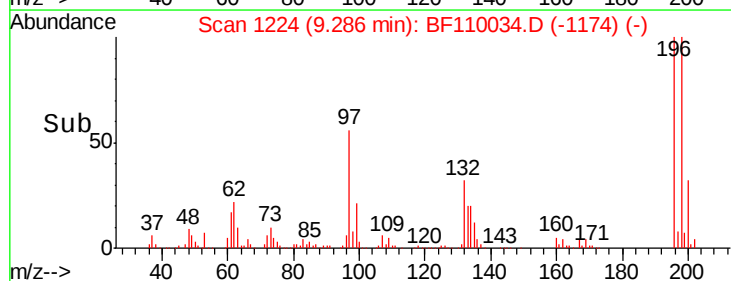
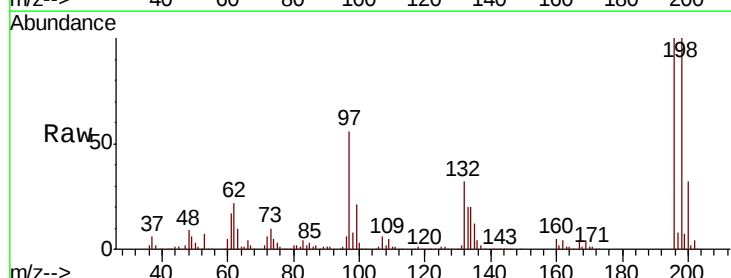
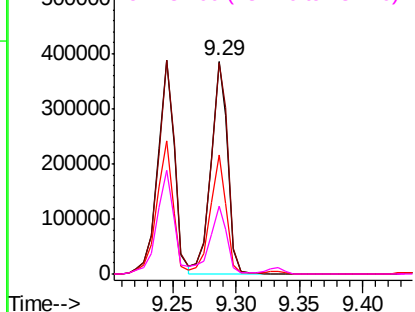
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

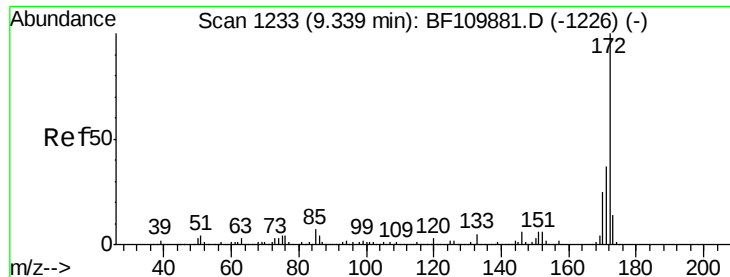


#44
 2,4,5-Trichlorophenol
 Concen: 44.962 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion	196	Resp	359069
Ion Ratio	Lower	Upper	
196	100		
198	99.5	75.8	113.6
97	56.0	42.4	63.6
132	31.8	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

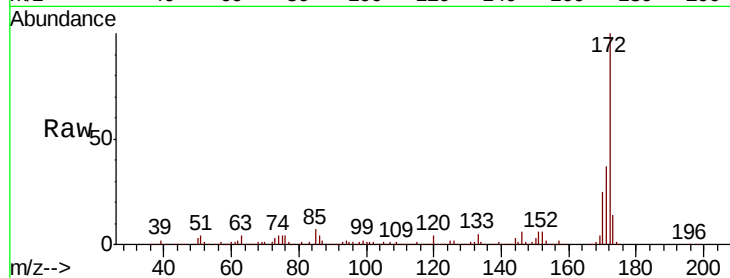




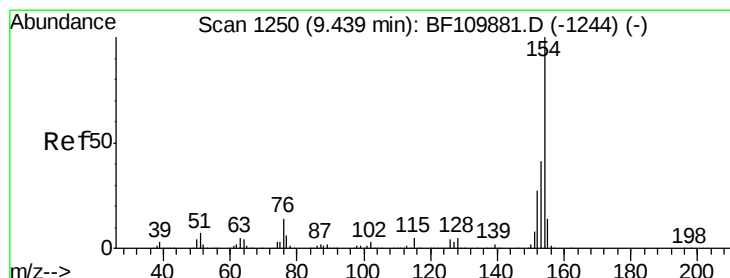
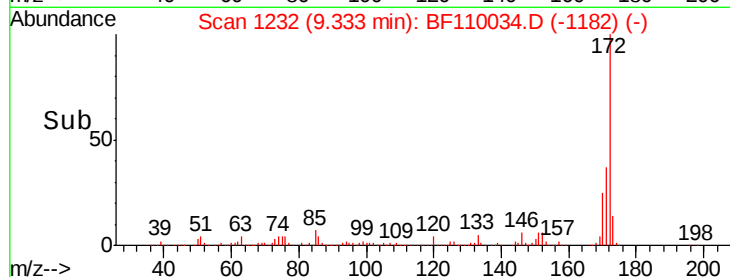
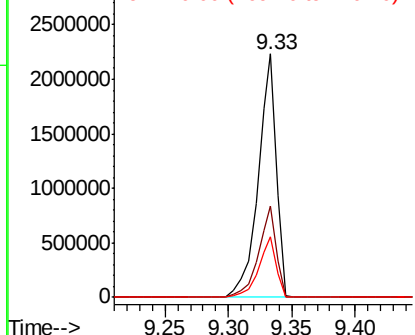
#45
2-Fluorobiphenyl
Concen: 89.610 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2243647
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 24.9 19.7 29.5

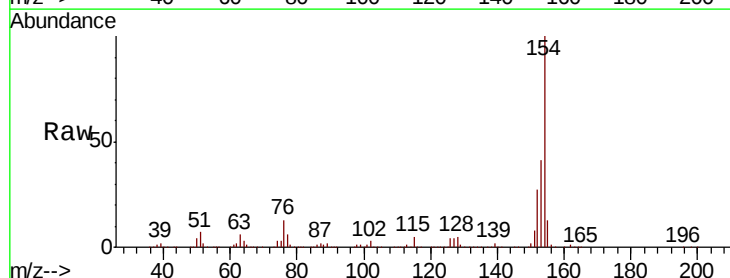


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

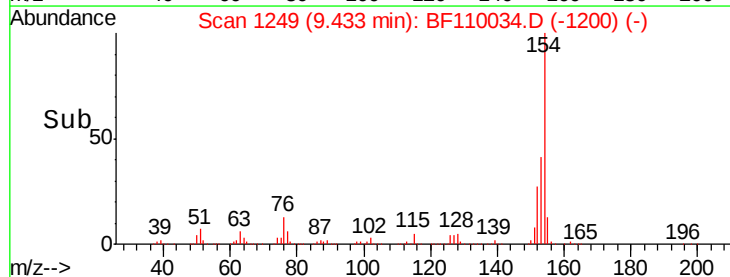
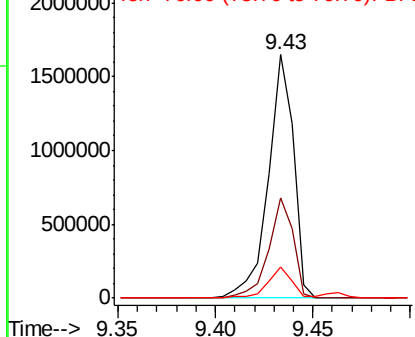


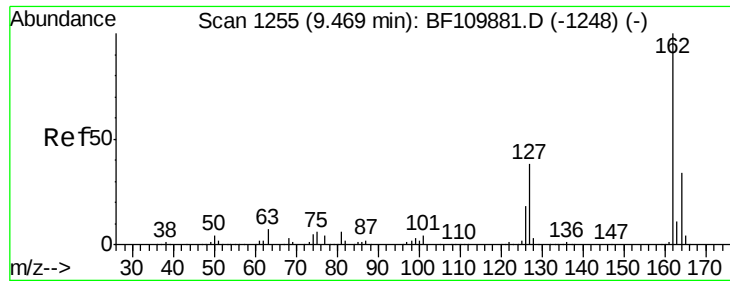
#46
1,1'-Biphenyl
Concen: 41.502 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:154 Resp: 1477306
Ion Ratio Lower Upper
154 100
153 41.2 20.4 60.4
76 12.7 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

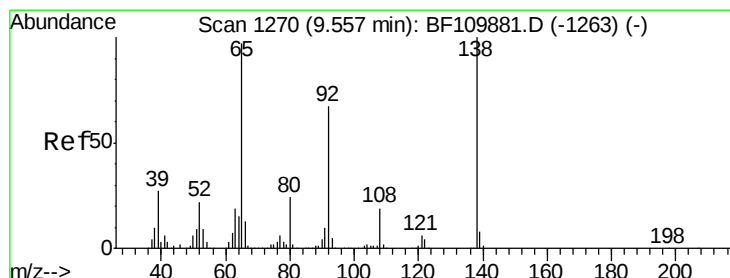
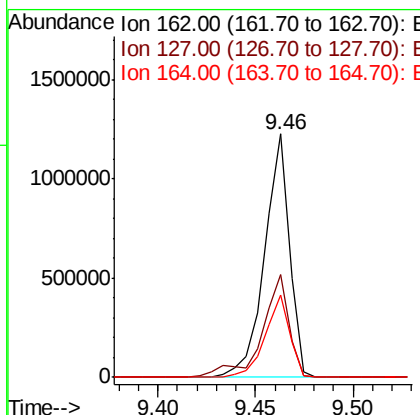
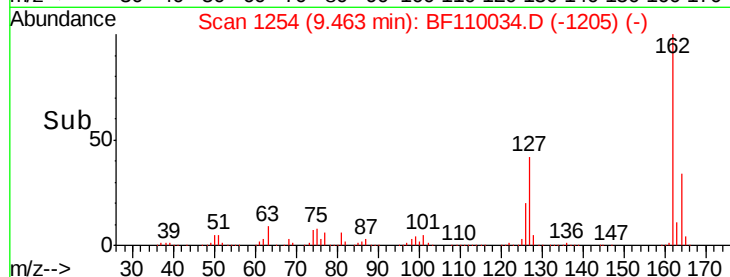
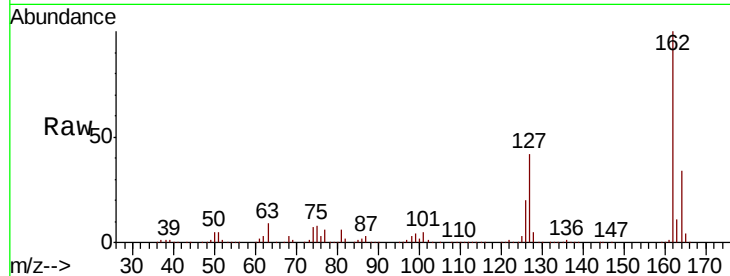




#47
 2-Chloronaphthalene
 Concen: 41.351 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

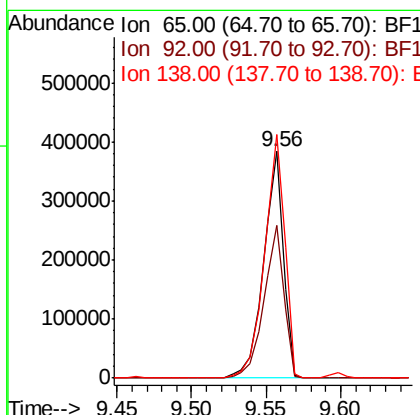
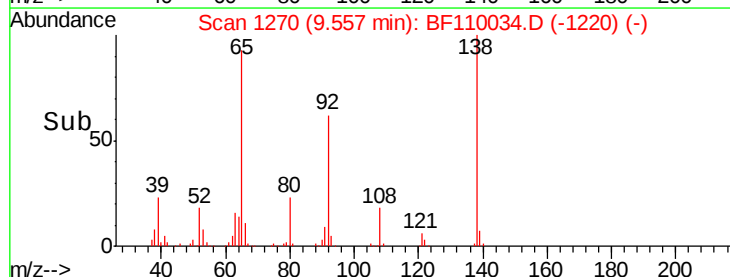
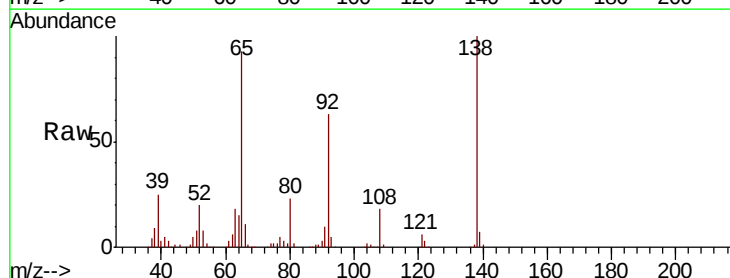
Instrument :
 BNA_F
 ClientSampleId :

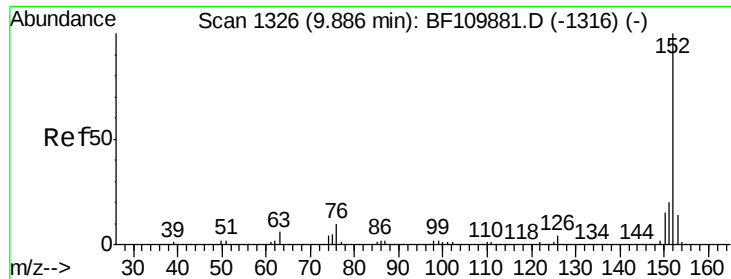
Tot Ion:162 Resp: 1084216
 Ion Ratio Lower Upper
 162 100
 127 42.4 32.6 48.8
 164 33.8 25.9 38.9



#48
 2-Nitroaniline
 Concen: 51.594 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion: 65 Resp: 347160
 Ion Ratio Lower Upper
 65 100
 92 67.2 54.6 81.8
 138 107.3 80.3 120.5





#49

Acenaphthylene

Concen: 43.818 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

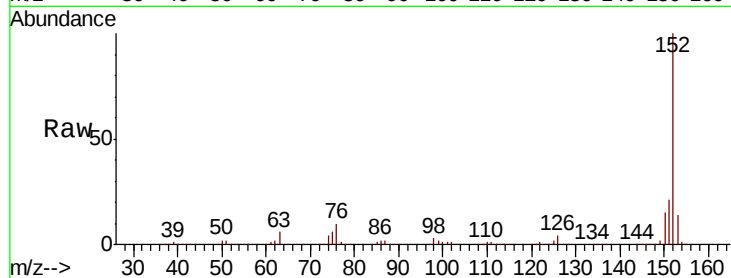
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1669053

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.8	23.8
153	14.5	10.4	15.6

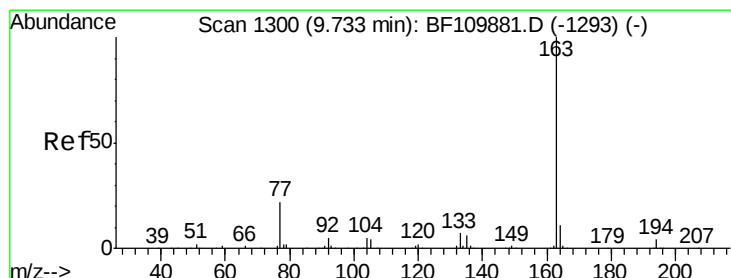
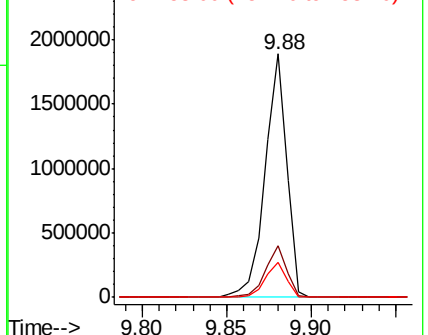
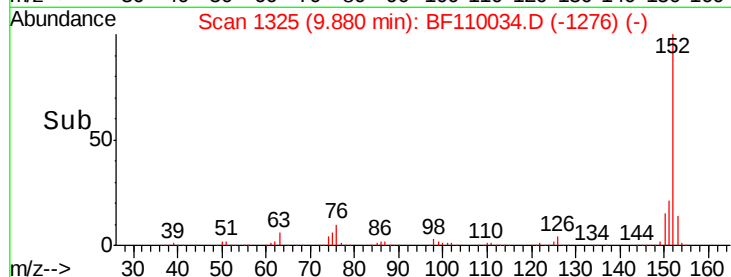


Abundance

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: 45.633 ng

RT: 9.73 min Scan# 1300

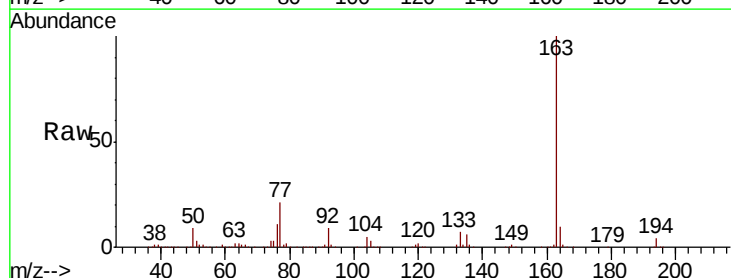
Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Tgt Ion:163 Resp: 1290931

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.2	8.1	12.1

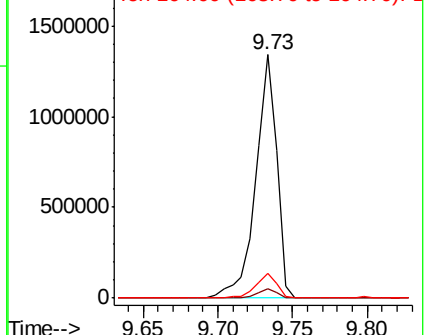
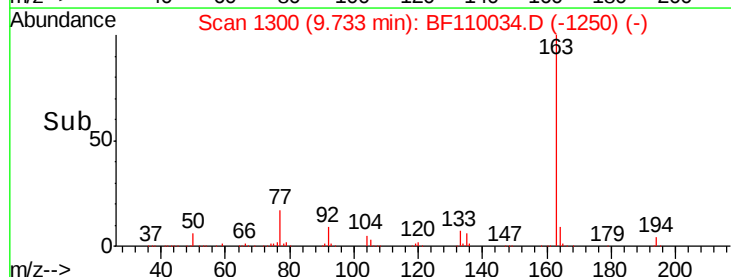


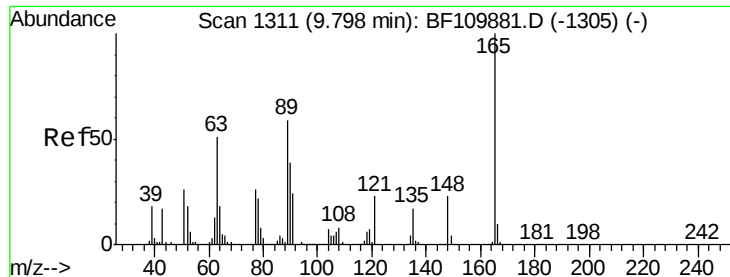
Abundance

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: 51.505 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampled :

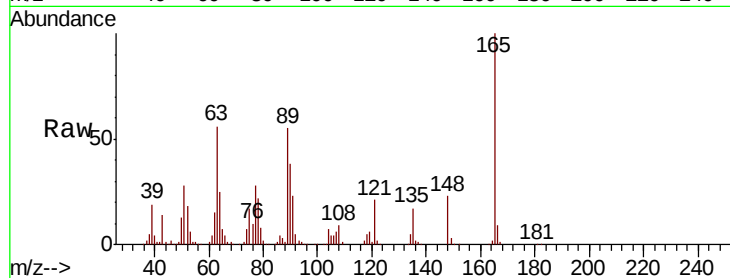
Tot Ion:165 Resp: 276746

Ion Ratio Lower Upper

165 100

63 55.8 48.9 73.3

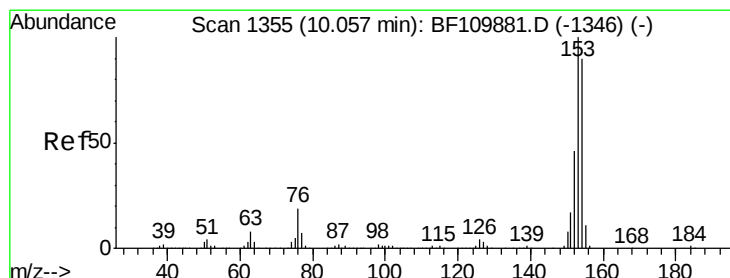
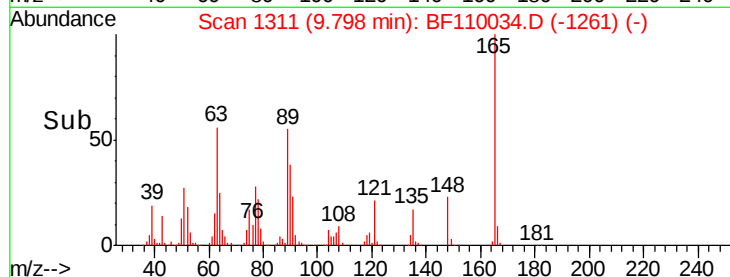
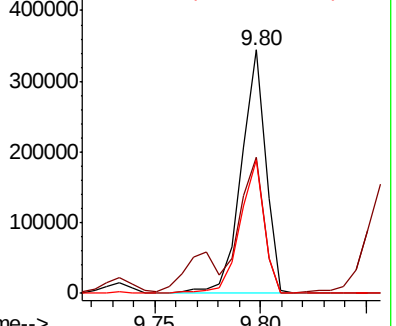
89 55.1 46.6 69.8



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: 43.180 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

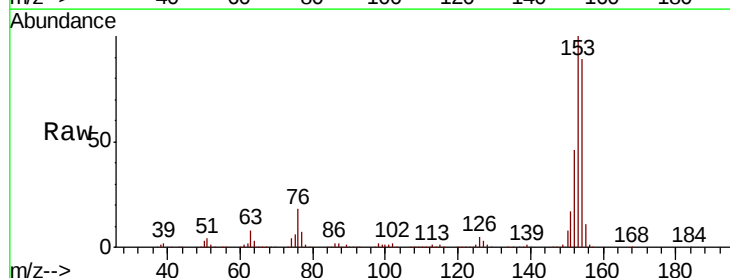
Tgt Ion:154 Resp: 1047111

Ion Ratio Lower Upper

154 100

153 112.3 90.1 135.1

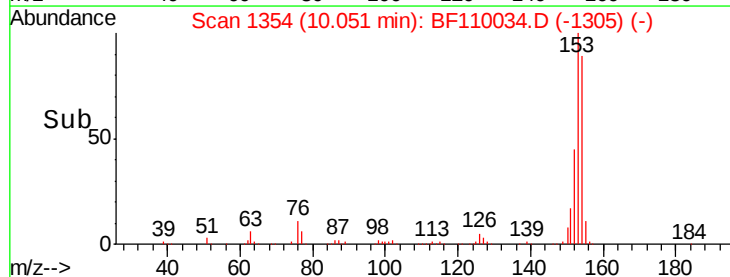
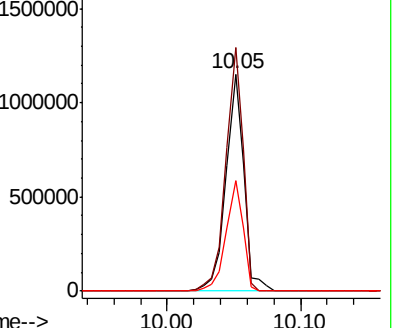
152 51.2 43.4 65.2

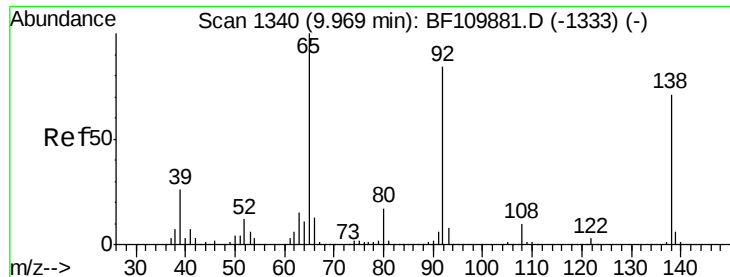


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

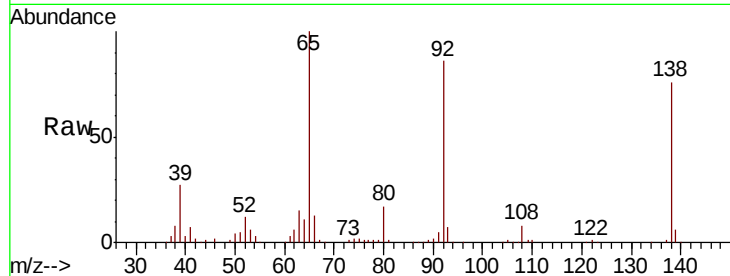




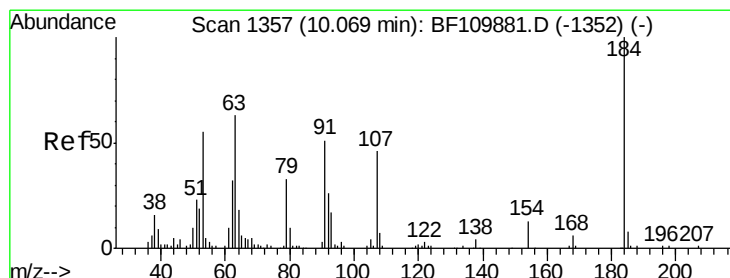
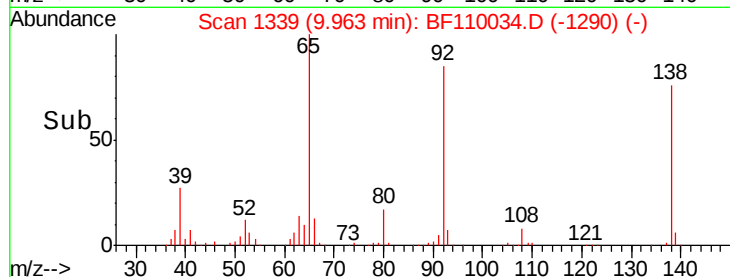
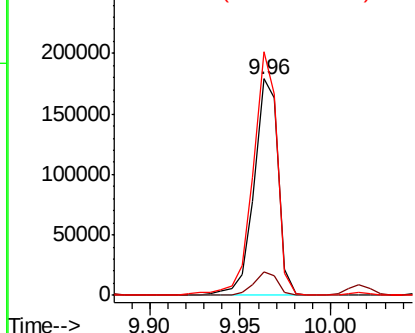
#53
3-Nitroaniline
Concen: 25.477 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 166521
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 112.4 97.0 145.4

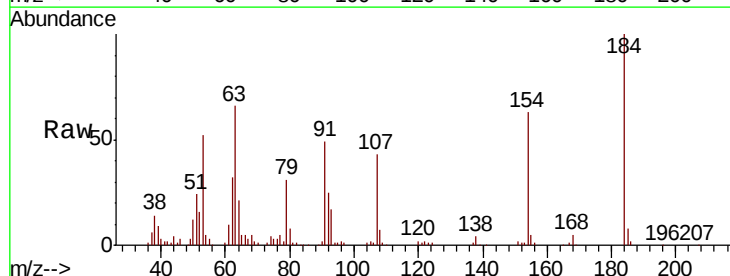


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

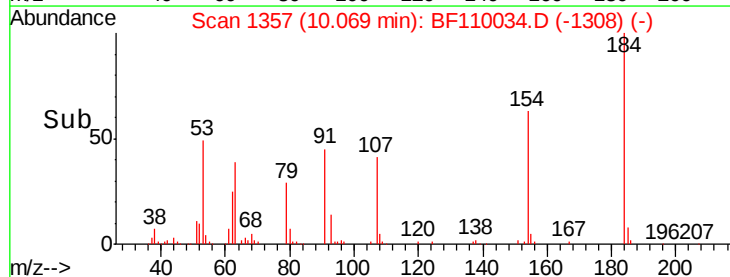
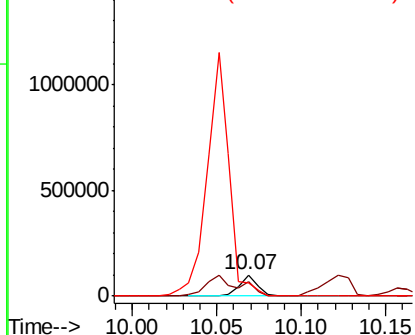


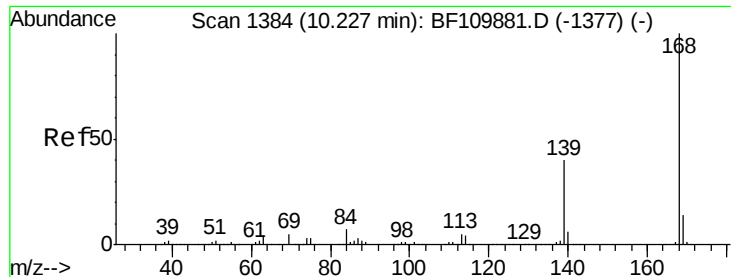
#54
2,4-Dinitrophenol
Concen: 46.934 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:184 Resp: 73244
Ion Ratio Lower Upper
184 100
63 66.5 55.8 83.6
154 63.0 63.2 94.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

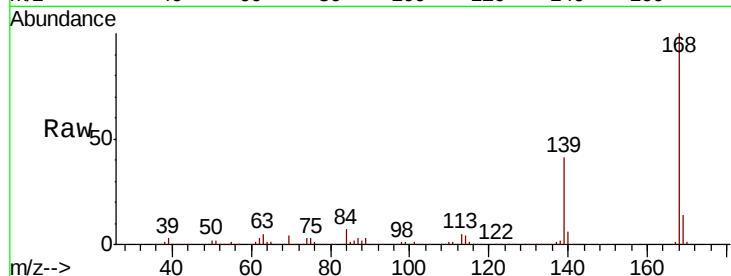




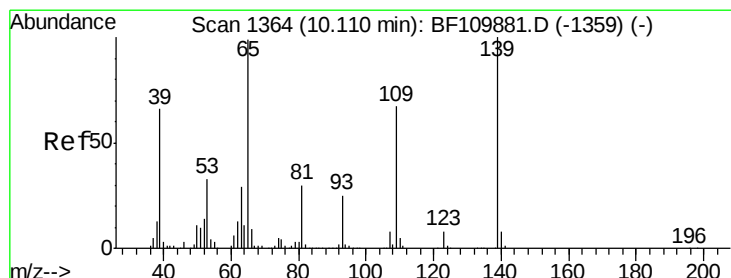
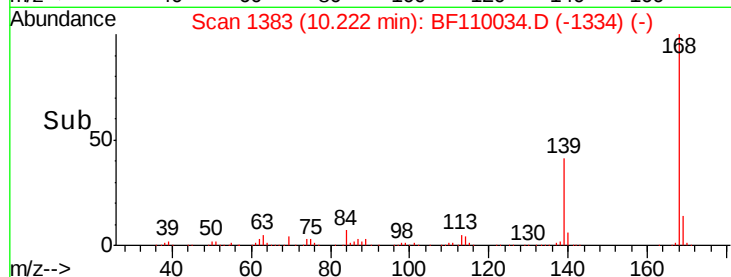
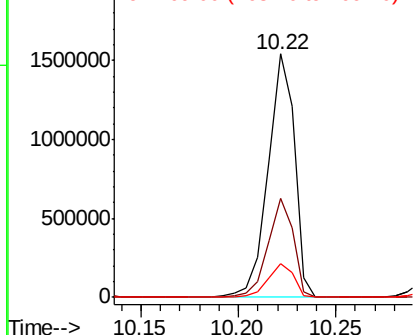
#55
Dibenzenofuran
Concen: 41.887 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1448619
Ion Ratio Lower Upper
168 100
139 40.7 33.0 49.6
169 13.9 11.3 16.9

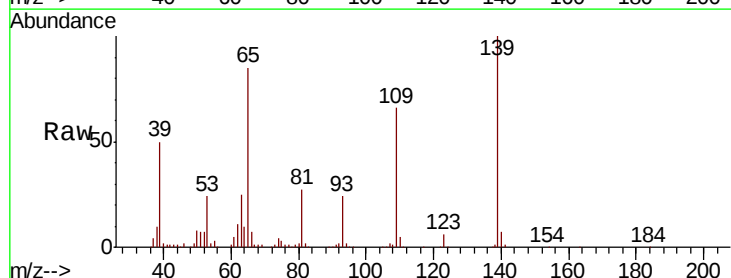


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

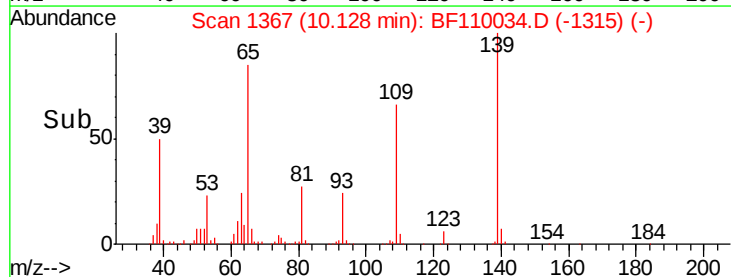
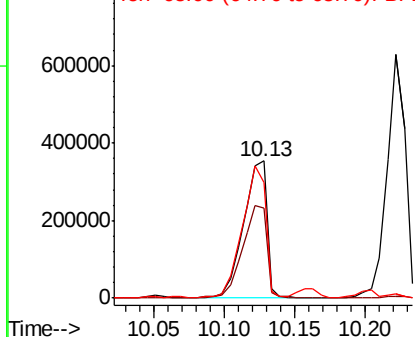


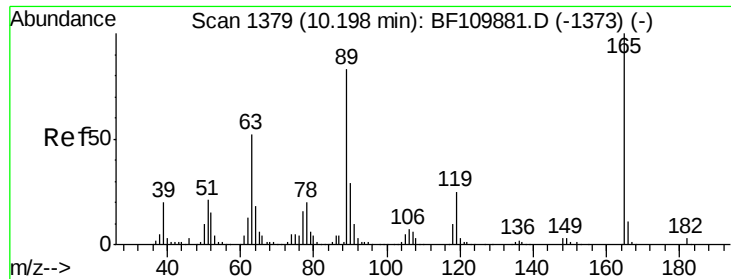
#56
4-Nitrophenol
Concen: 82.987 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:139 Resp: 413877
Ion Ratio Lower Upper
139 100
109 66.1 55.8 95.8
65 84.8 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

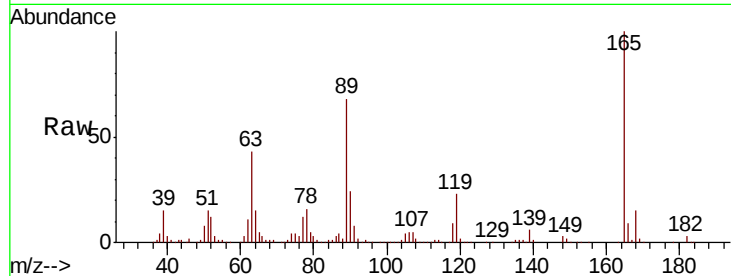




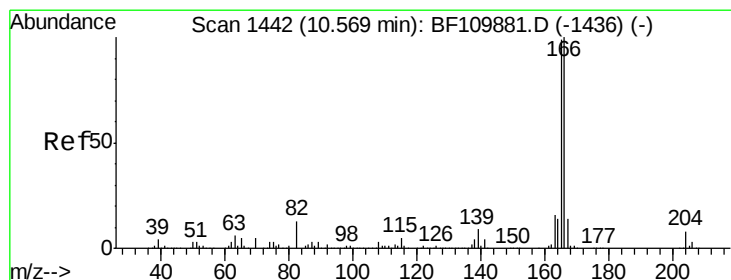
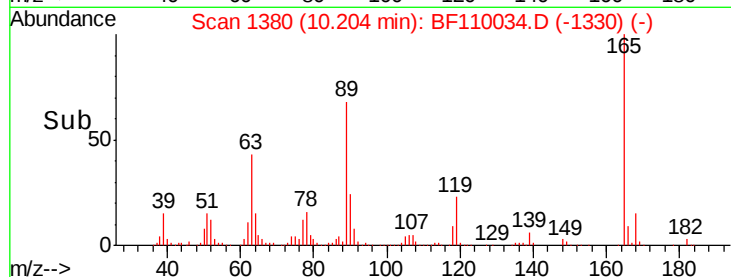
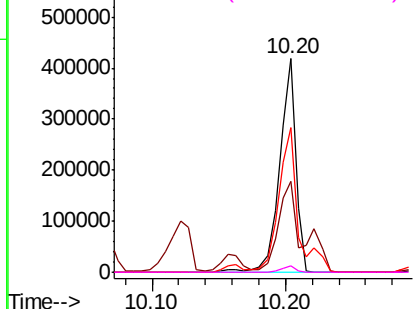
#57
 2,4-Dinitrotoluene
 Concen: 52.315 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 358171
 Ion Ratio Lower Upper
 165 100
 63 42.7 44.8 67.2#
 89 67.6 62.2 93.4
 182 2.7 2.1 3.1

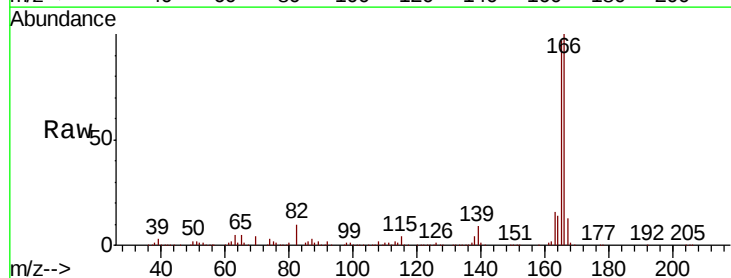


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

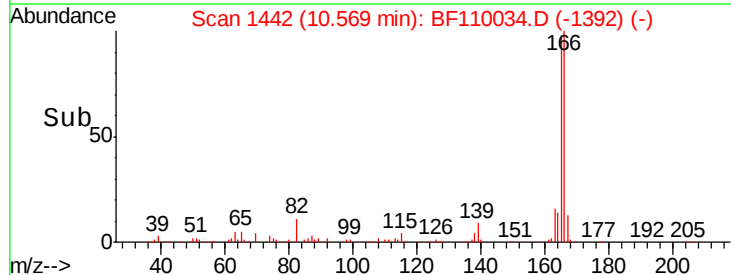
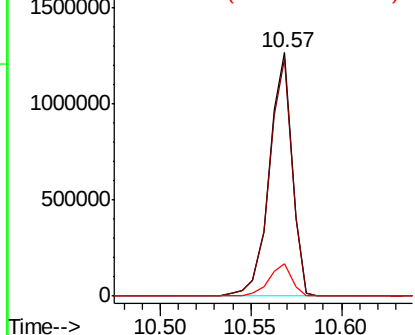


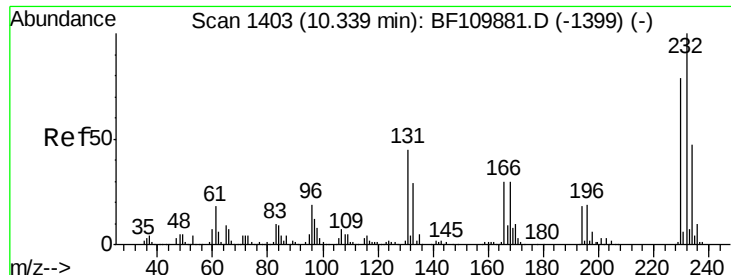
#58
 Fluorene
 Concen: 43.813 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion:166 Resp: 1103019
 Ion Ratio Lower Upper
 166 100
 165 97.2 78.6 117.8
 167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

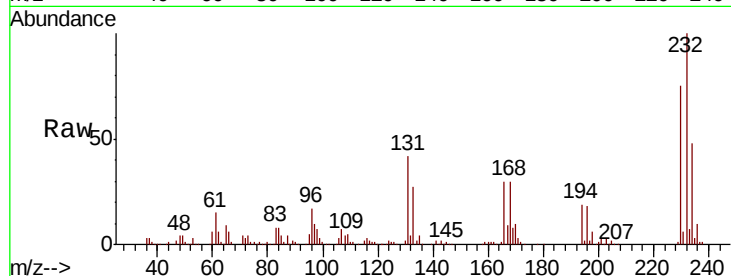




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.250 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.8	37.0	55.4
130	2.2	1.8	2.6
166	31.9	22.0	33.0



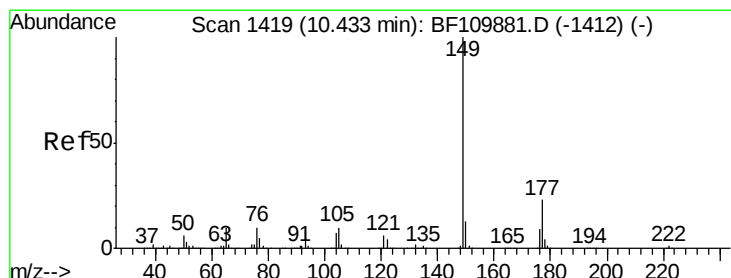
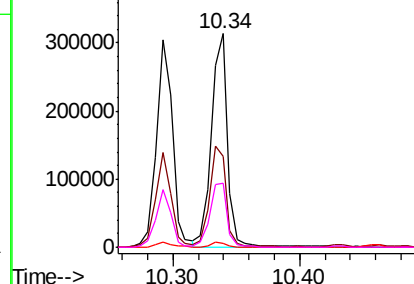
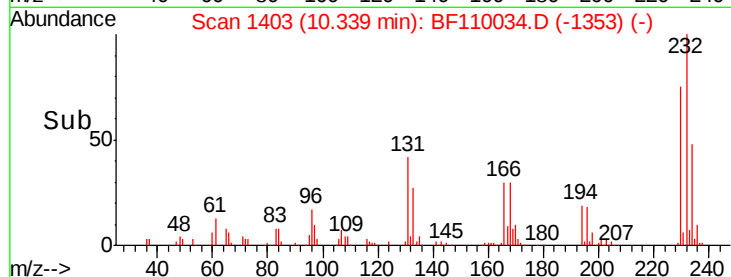
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

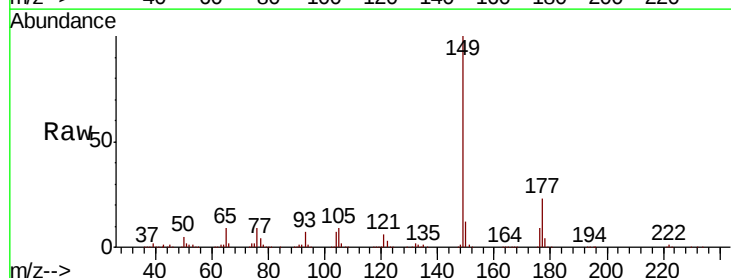
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.336 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.4	26.2
150	12.5	9.8	14.8

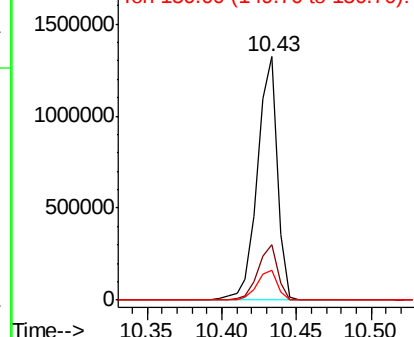
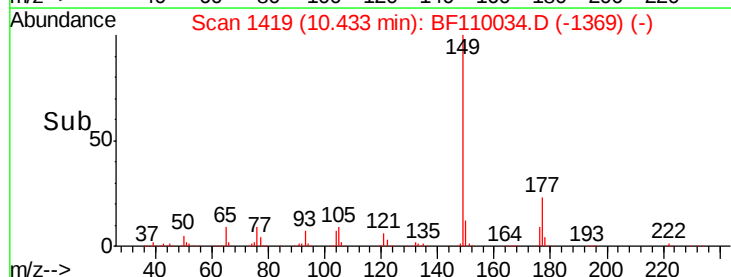


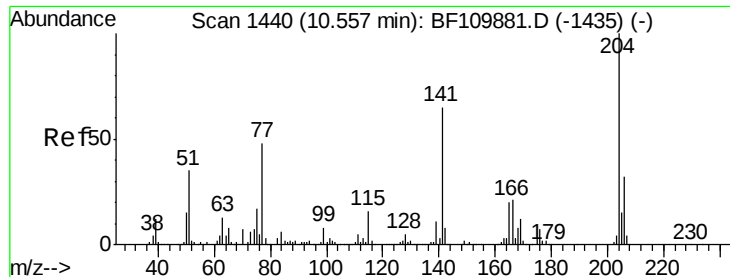
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

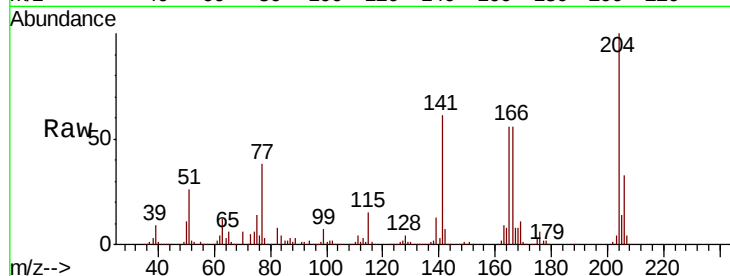




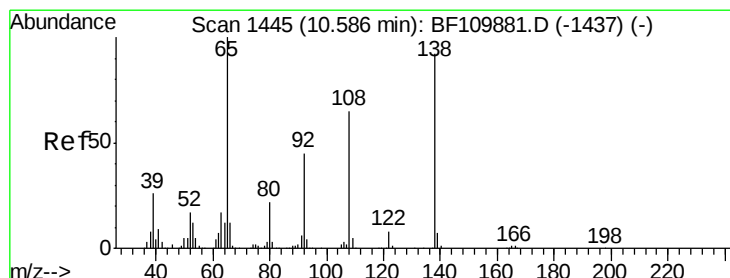
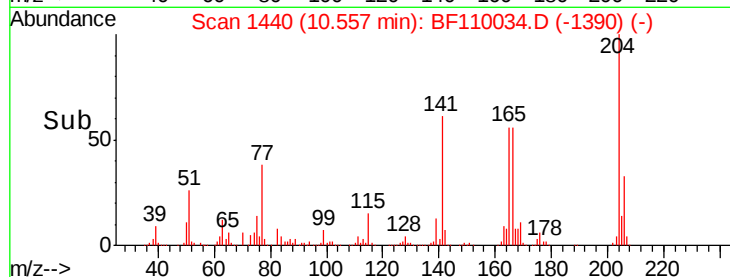
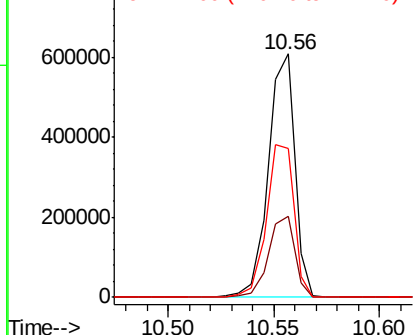
#61
4-Chlorophenyl-phenylether
Concen: 40.465 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 530666
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 61.2 51.8 77.8

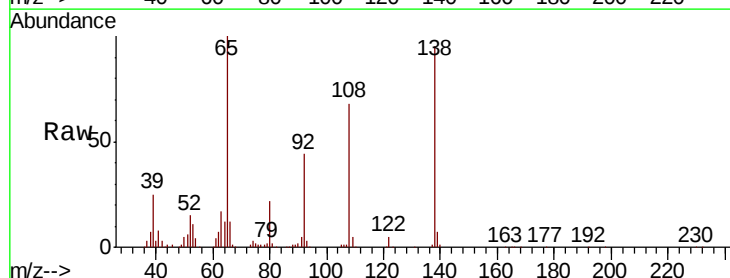


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

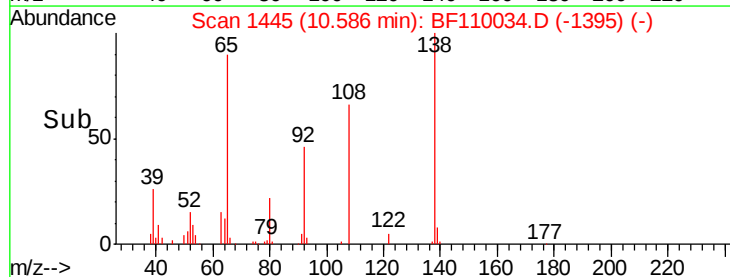
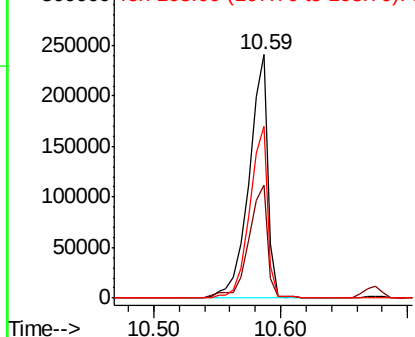


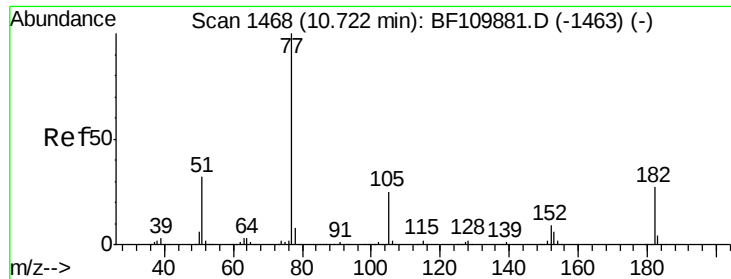
#62
4-Nitroaniline
Concen: 40.220 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:138 Resp: 248845
Ion Ratio Lower Upper
138 100
92 46.2 31.7 71.7
108 70.7 59.3 99.3



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





#63

Azobenzene

Concen: 39.344 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1148452

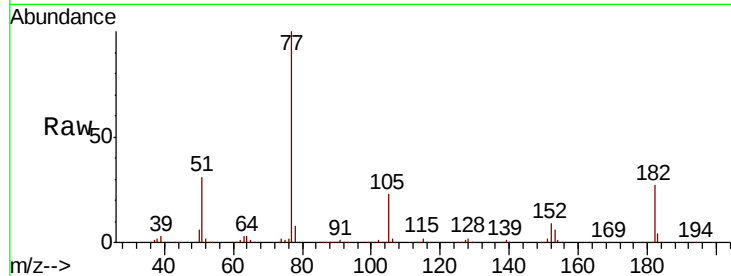
Ion	Ratio	Lower	Upper
77	100		
182	27.0	4.3	44.3
105	23.4	1.3	41.3
51	31.2	9.0	49.0

77 100

182 27.0 4.3 44.3

105 23.4 1.3 41.3

51 31.2 9.0 49.0



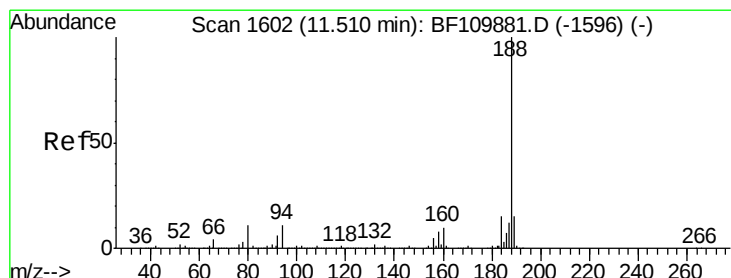
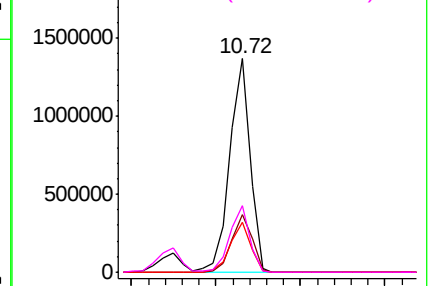
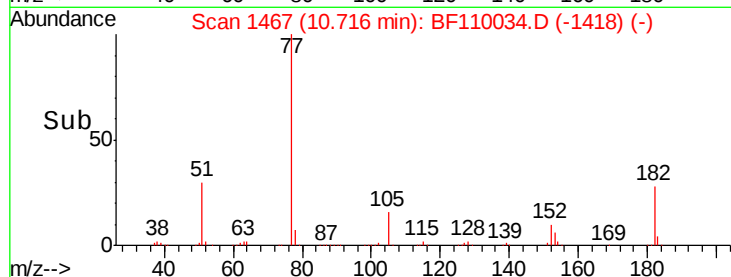
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

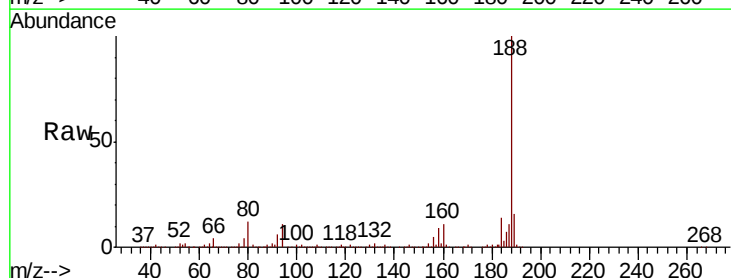
Tgt Ion: 188 Resp: 640835

Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.2	10.8#
80	12.0	7.9	11.9#

188 100

94 11.0 7.2 10.8#

80 12.0 7.9 11.9#

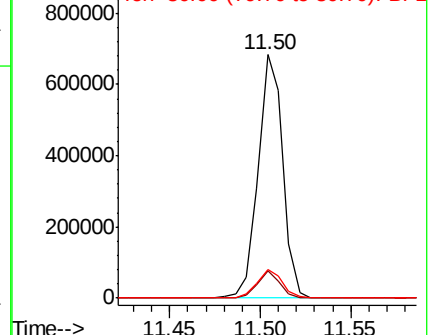
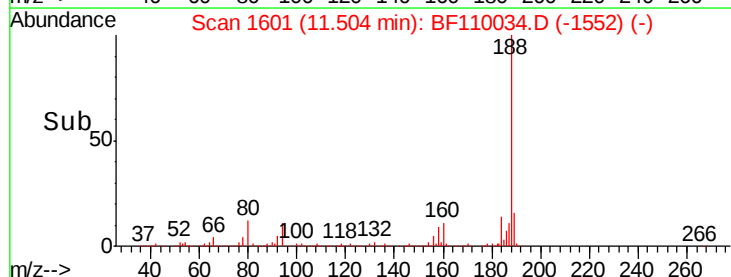


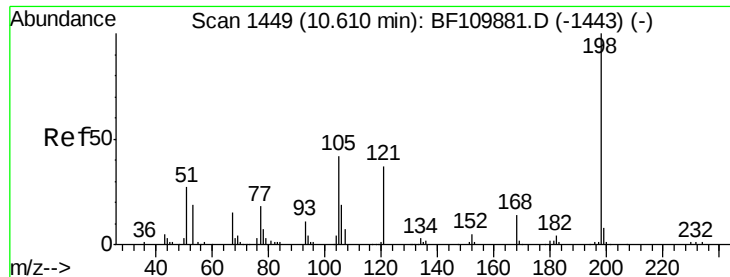
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 29.831 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 60940

Ion	Ratio	Lower	Upper
198	100		
51	39.3	22.8	62.8
105	41.1	23.6	63.6

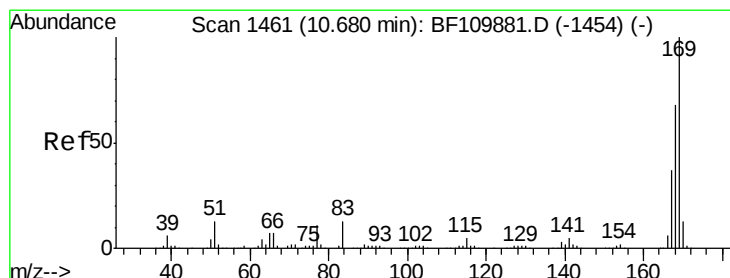
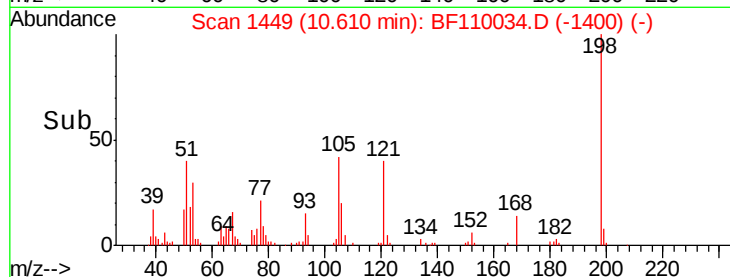
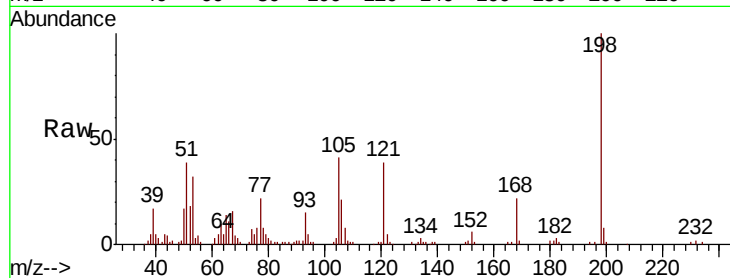
Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



#66

n-Nitrosodiphenylamine

Concen: 47.219 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Tgt Ion:169 Resp: 1007822

Ion	Ratio	Lower	Upper
169	100		
168	65.8	51.2	76.8
167	37.0	27.8	41.6

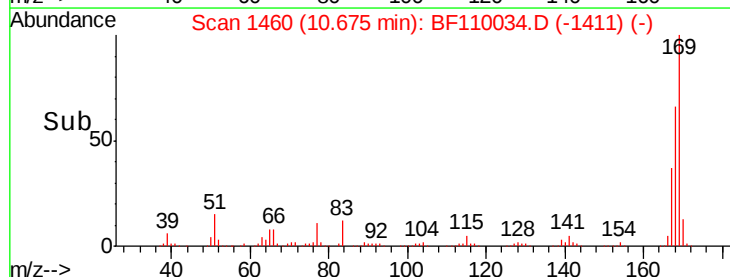
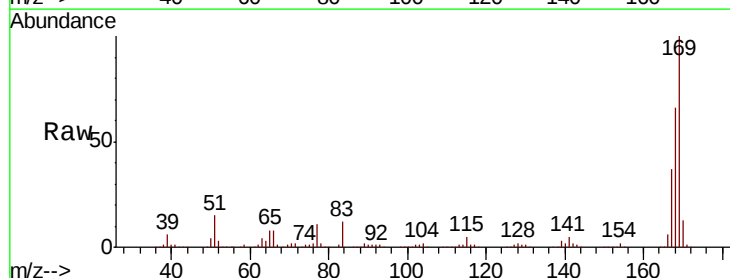
Abundance

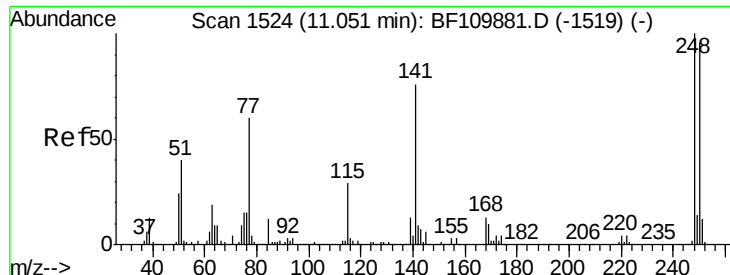
Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

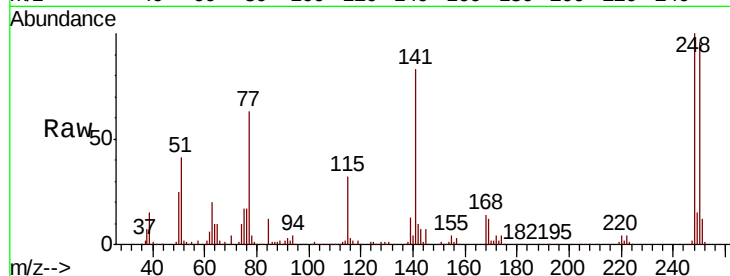




#67
 4-Bromophenyl-phenylether
 Concen: 46.795 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	79.4	119.2
141	83.1	55.9	83.9

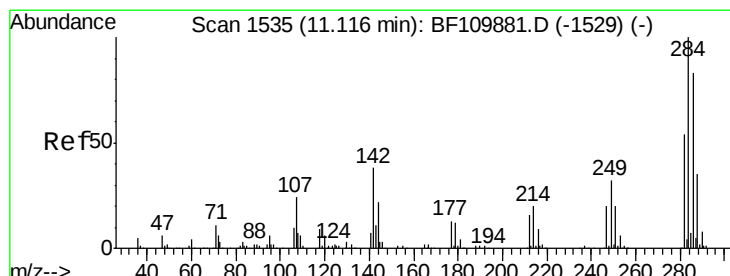
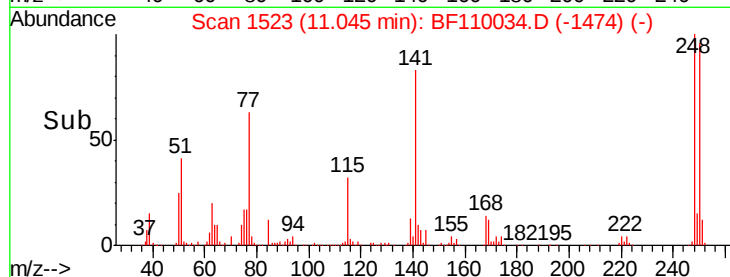
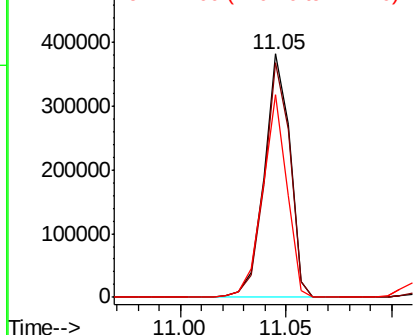


Abundance

Ion 248.00 (247.70 to 248.70): E

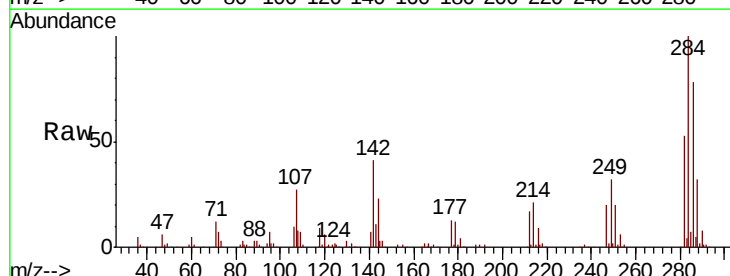
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.792 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.6	23.9	35.9#
249	31.6	24.2	36.2

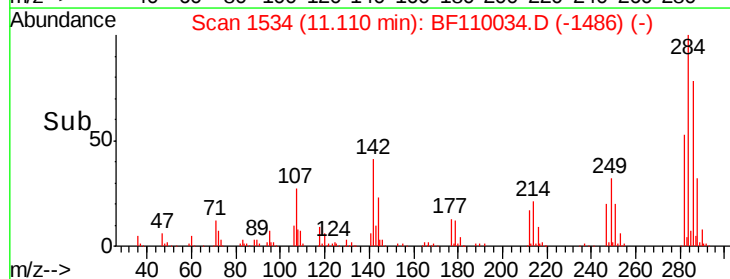
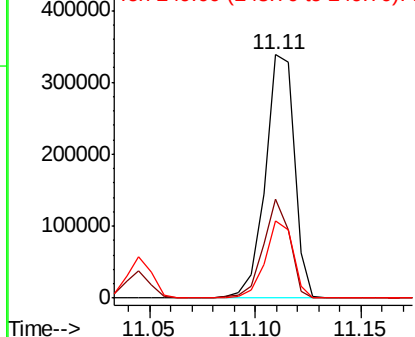


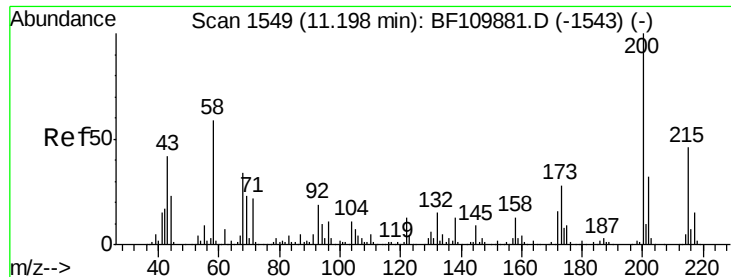
Abundance

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

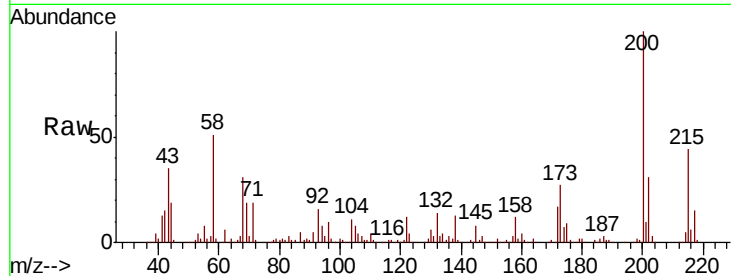




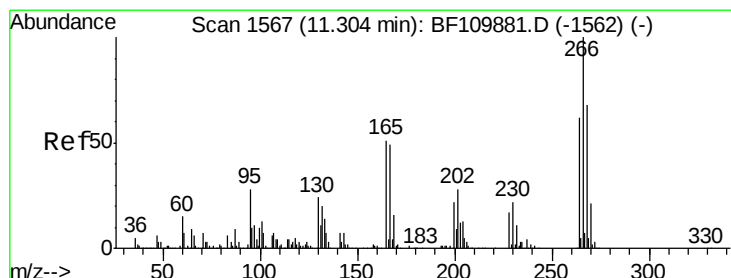
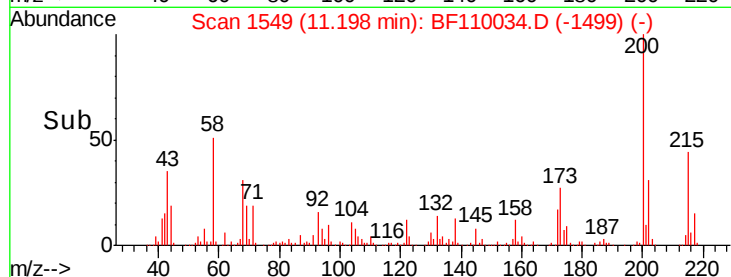
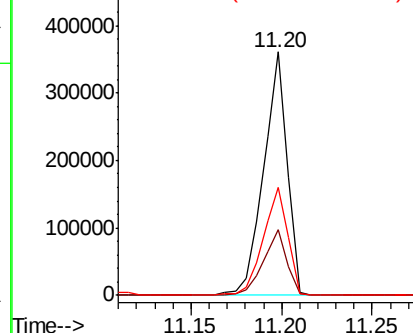
#69
 Atrazine
 Concen: 48.926 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.6	46.6
215	44.2	26.3	66.3

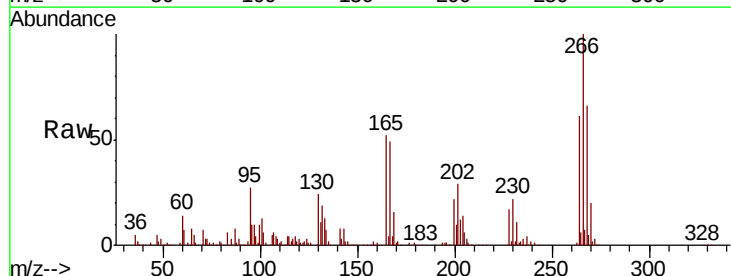


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

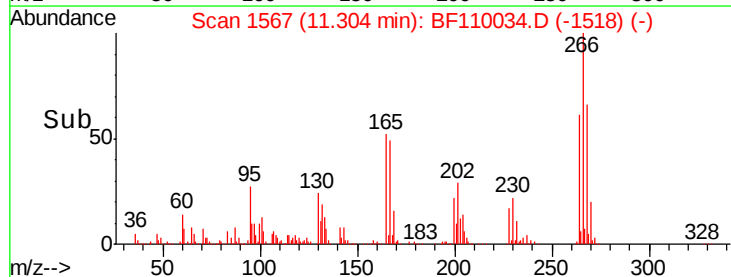
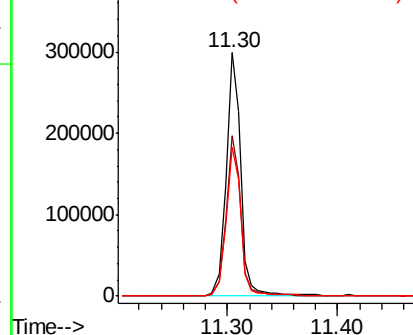


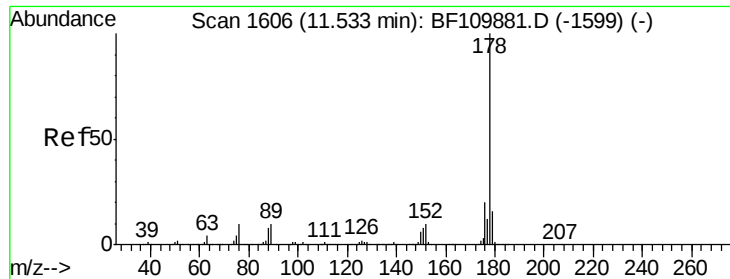
#70
 Pentachlorophenol
 Concen: 65.772 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	50.6	75.8
264	61.2	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: 44.643 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

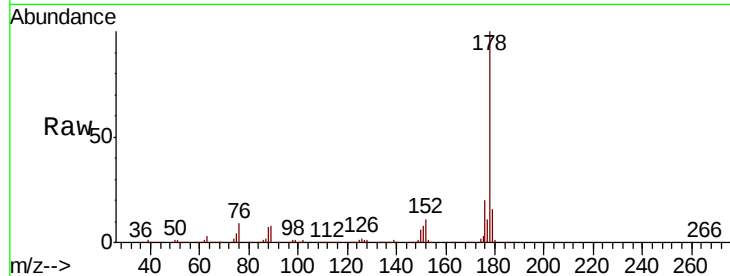
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1481085

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	15.9	12.5	18.7

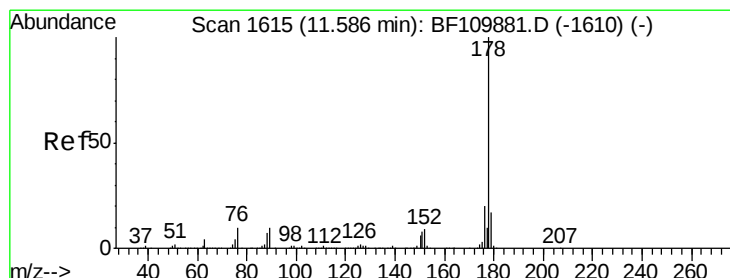
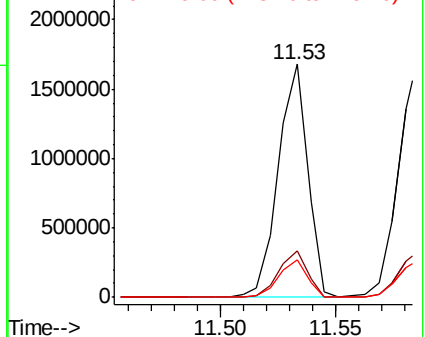
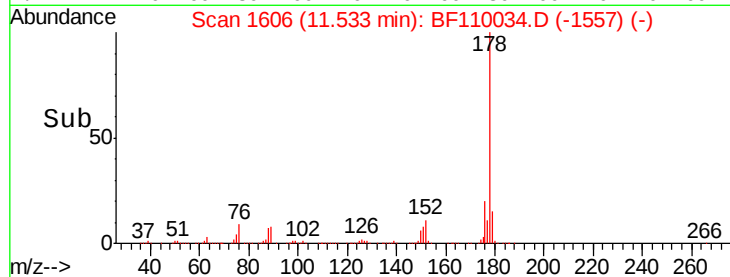


Abundance

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: 45.501 ng

RT: 11.59 min Scan# 1615

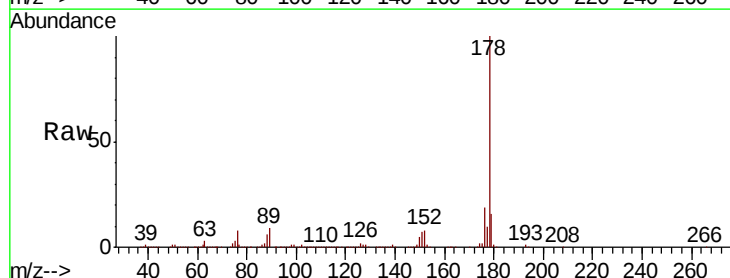
Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Tgt Ion:178 Resp: 1517655

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.9	12.6	18.8

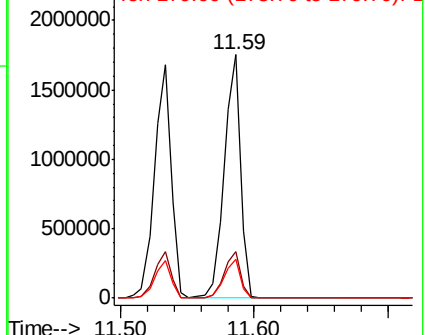
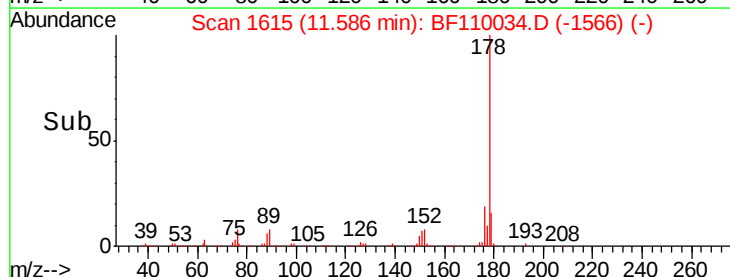


Abundance

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



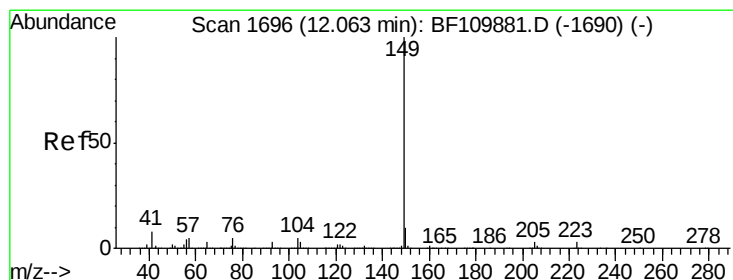
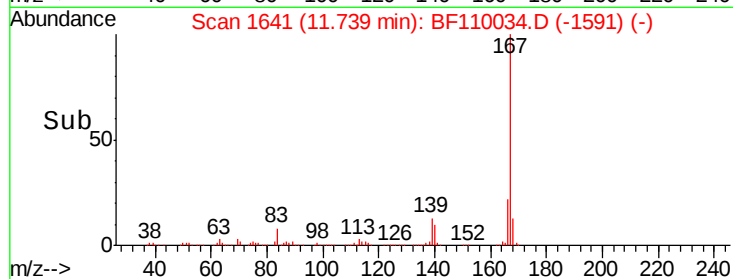
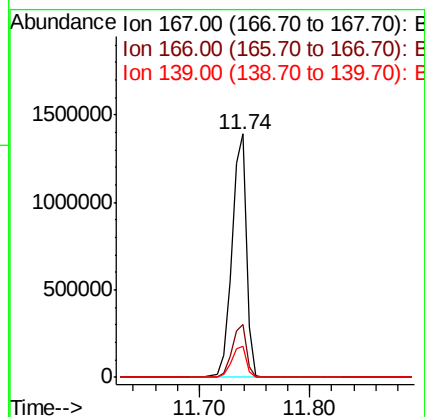
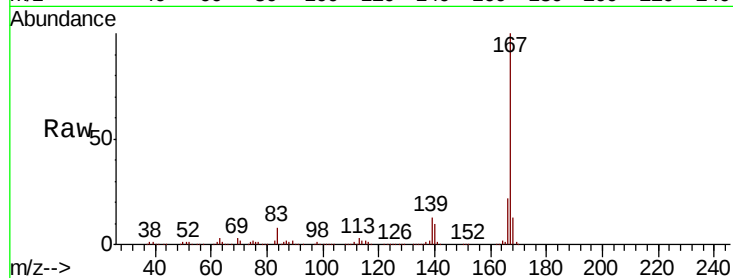


#73
 Carbazole
 Concen: 39.069 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1280693

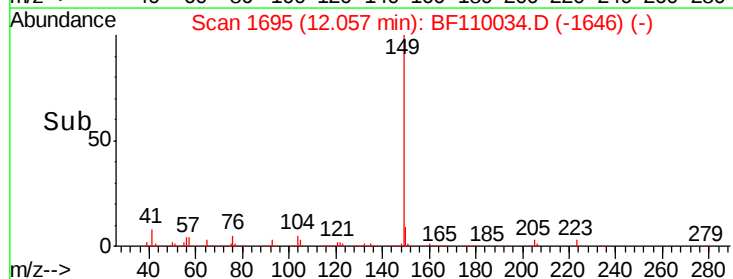
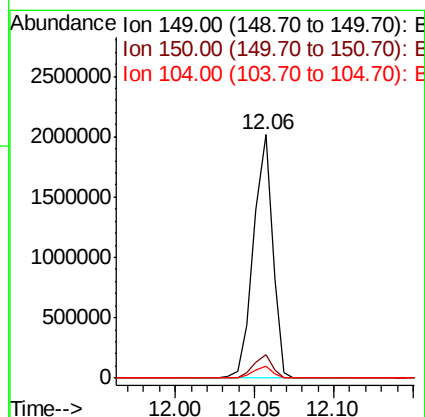
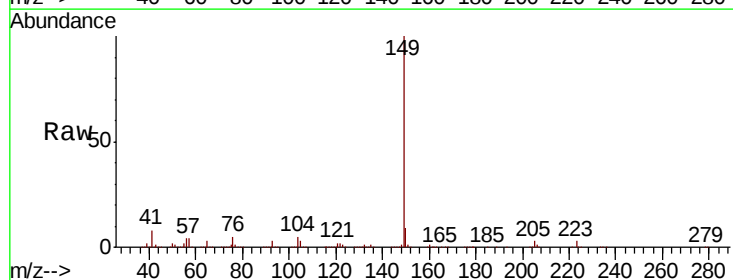
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.0	10.9	16.3

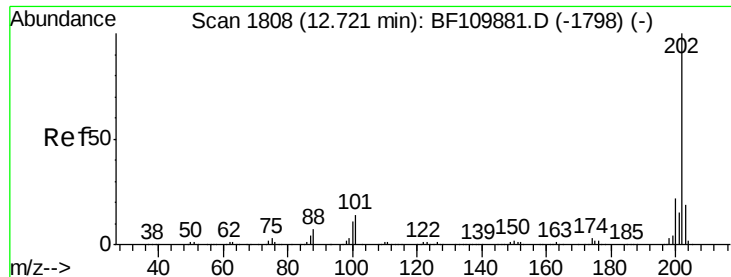


#74
 Di-n-butylphthalate
 Concen: 46.235 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion:149 Resp: 1691420

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.2	4.2	6.4

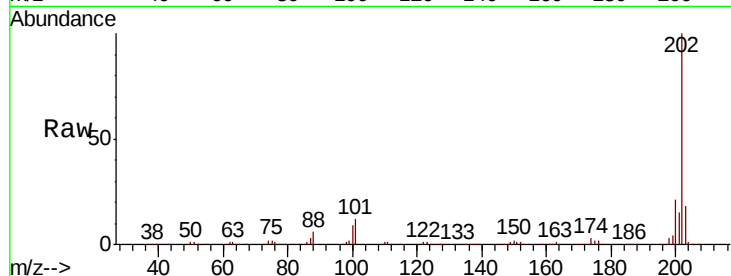




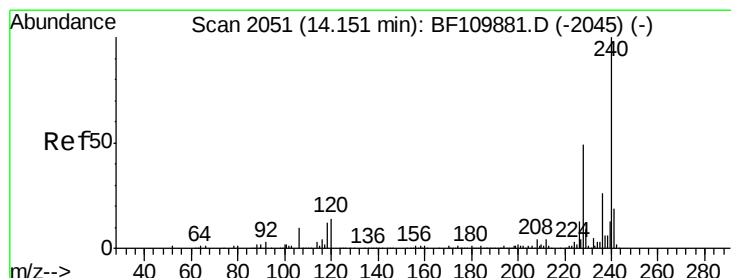
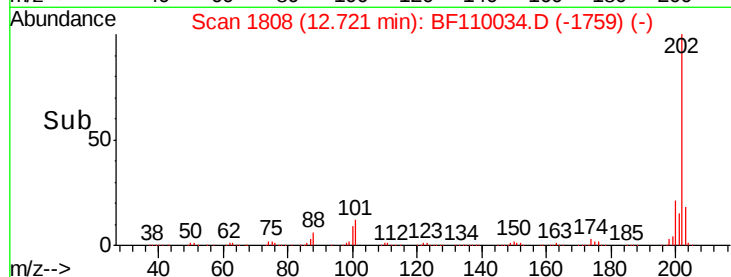
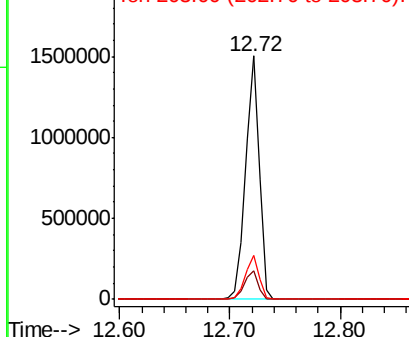
#75
Fluoranthene
Concen: 39.540 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1310477
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 17.9 0.0 37.7

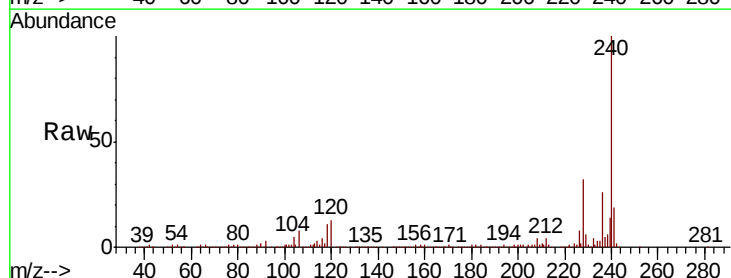


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

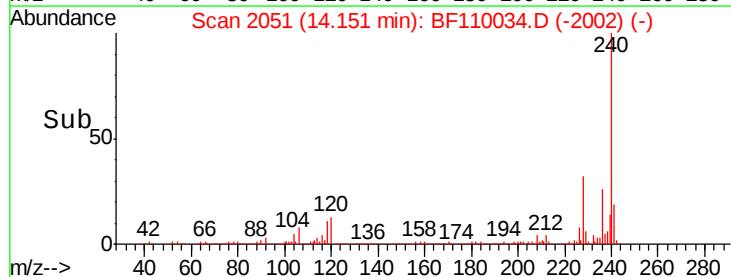
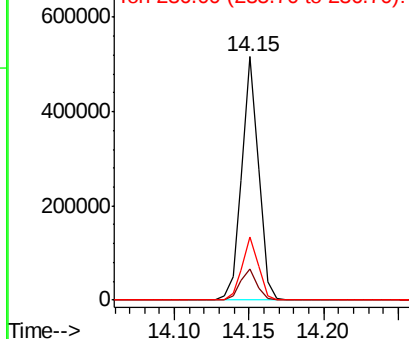


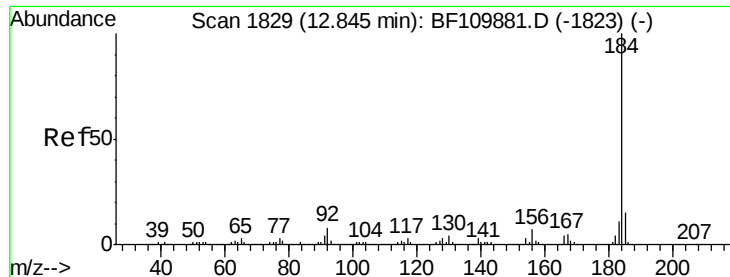
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:240 Resp: 406588
Ion Ratio Lower Upper
240 100
120 12.7 8.3 12.5#
236 25.8 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: 36.803 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

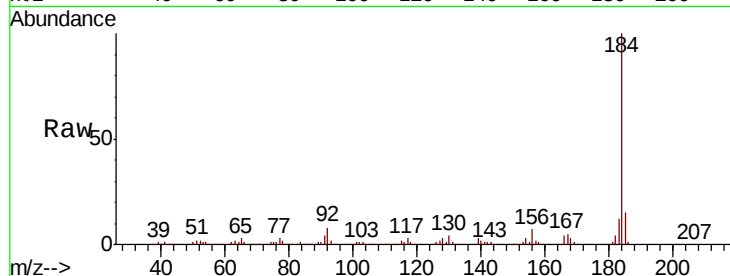
Tot Ion:184 Resp: 573725

Ion Ratio Lower Upper

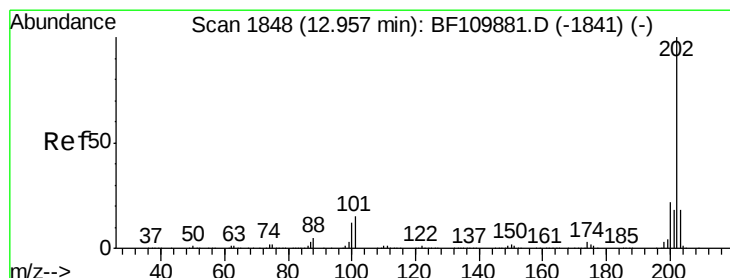
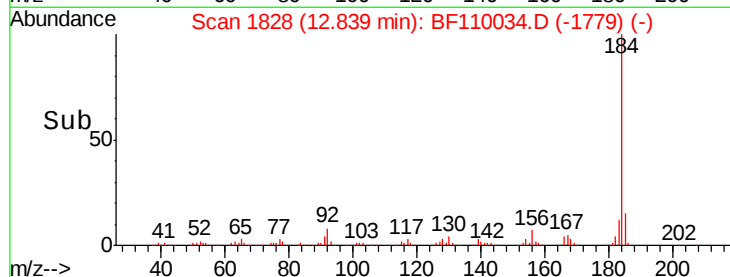
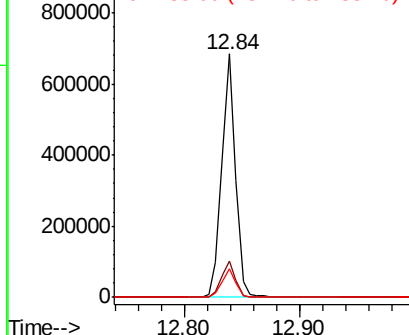
184 100

185 15.0 13.4 20.2

183 11.7 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: 42.432 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

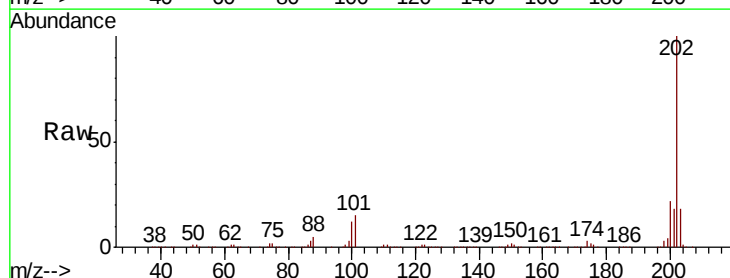
Tgt Ion:202 Resp: 1267123

Ion Ratio Lower Upper

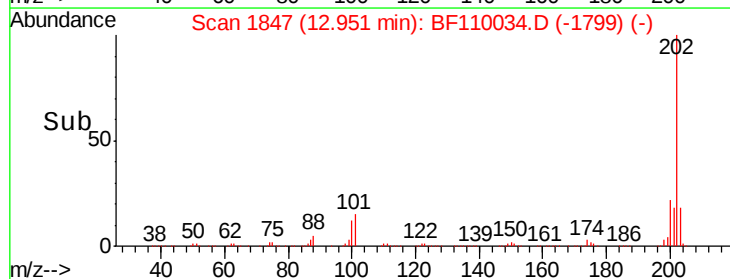
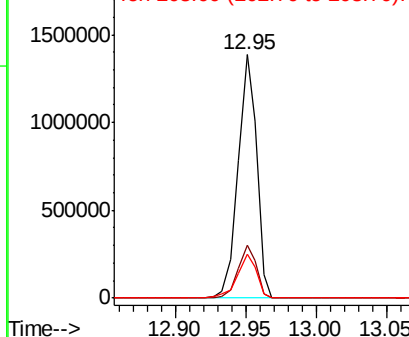
202 100

200 21.9 17.8 26.6

203 18.0 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



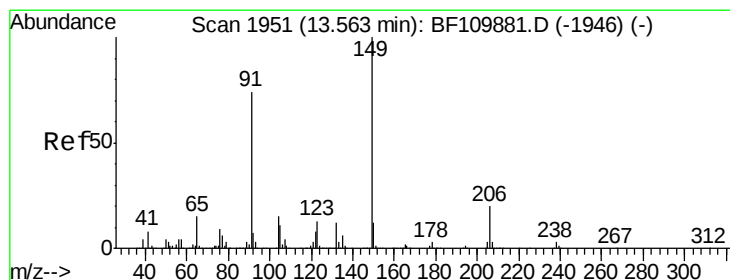
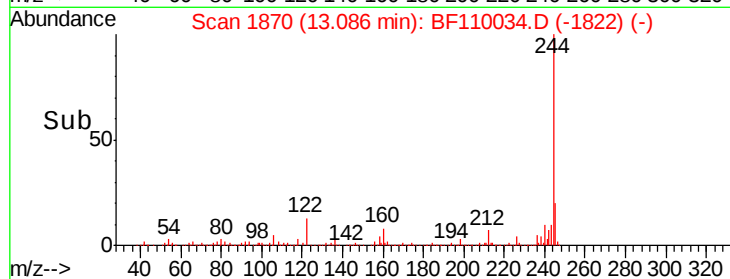
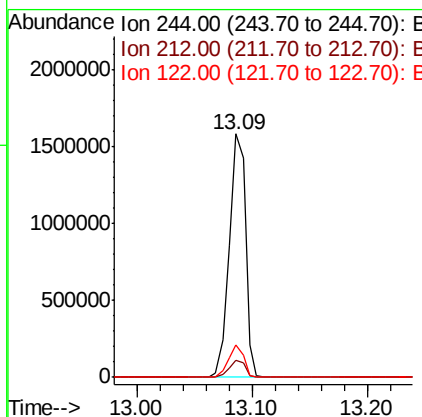
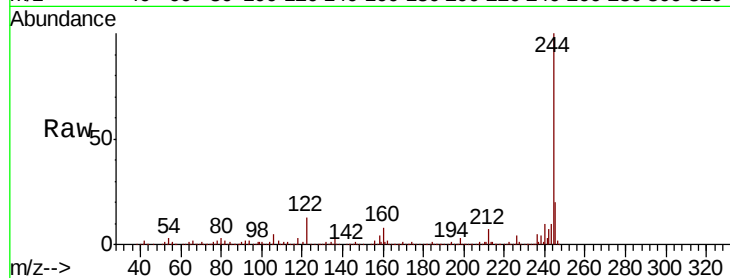


#79
 Terphenyl-d14
 Concen: 79.618 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1541562

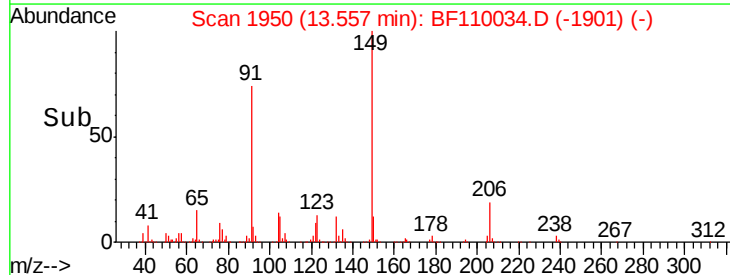
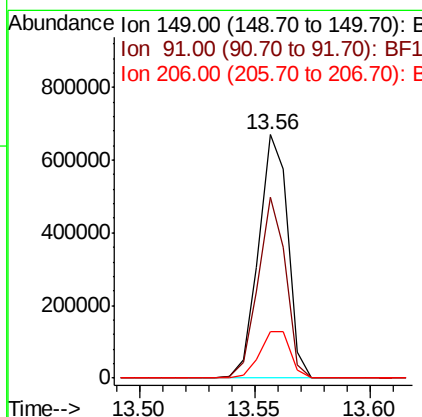
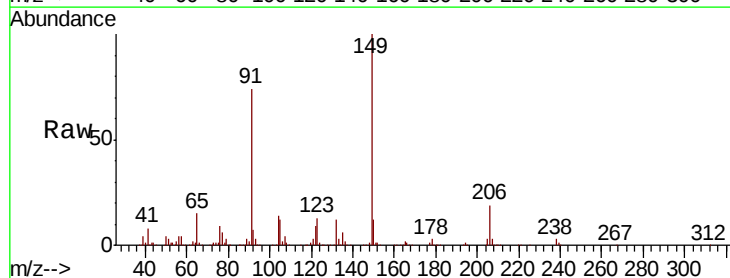
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.5	8.7	13.1#

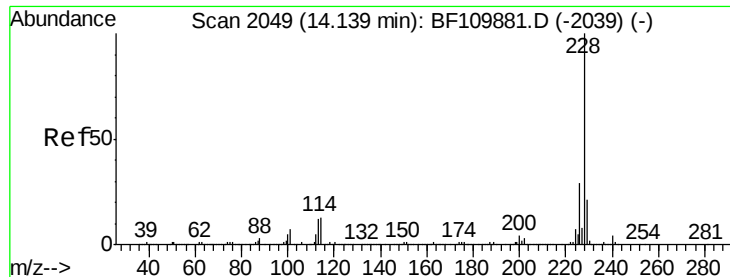


#80
 Butylbenzylphthalate
 Concen: 49.231 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110034.D
 Acq: 20 Oct 2018 6:30

Tgt Ion:149 Resp: 594367

Ion	Ratio	Lower	Upper
149	100		
91	74.3	57.2	85.8
206	18.9	15.7	23.5





#81

Benzo(a)anthracene

Concen: 46.502 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

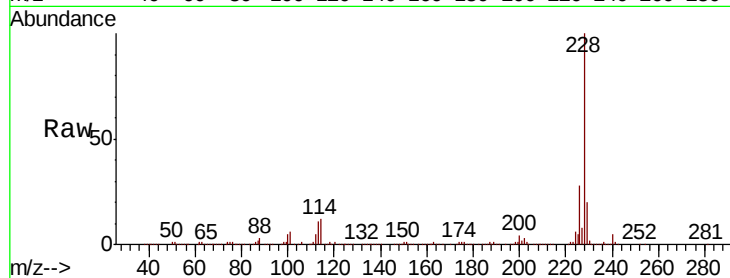
Tot Ion:228 Resp: 1113671

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.6	15.6	23.4

228 100

226 27.7 22.1 33.1

229 19.6 15.6 23.4

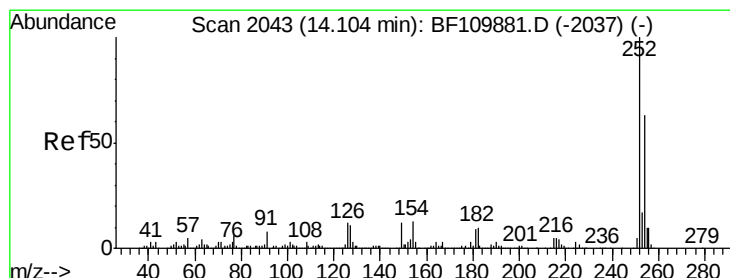
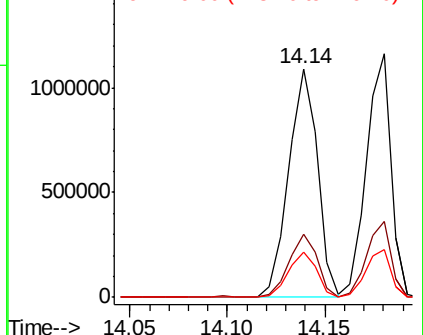
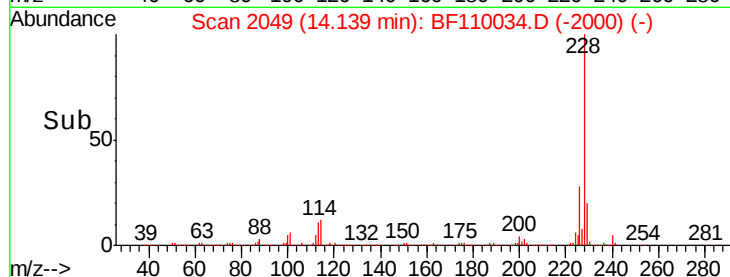


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.759 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

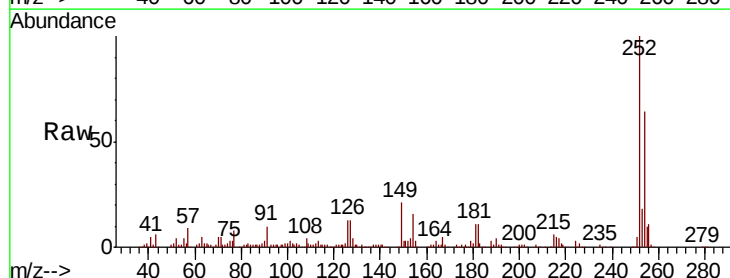
Tgt Ion:252 Resp: 291838

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	13.0	9.4	14.2

252 100

254 64.0 51.3 76.9

126 13.0 9.4 14.2

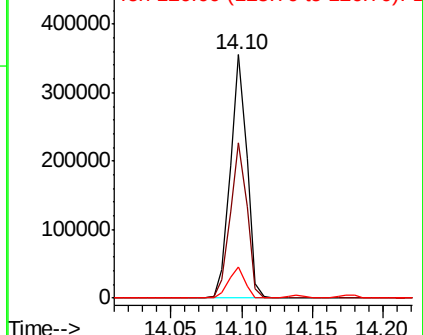
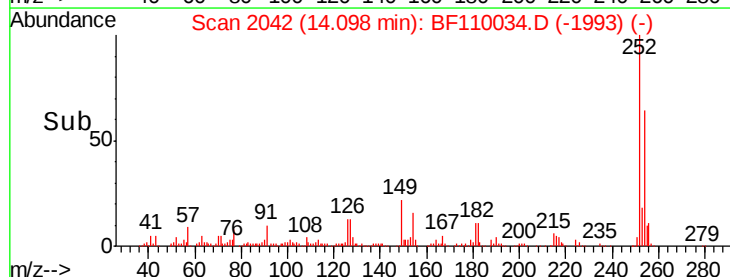


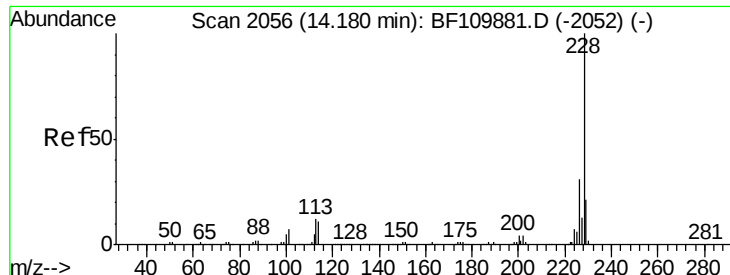
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.660 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

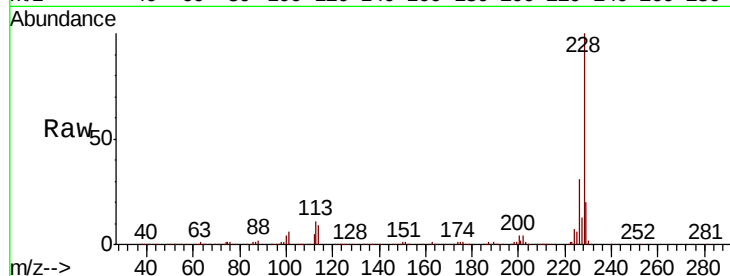
Tot Ion:228 Resp: 1018061

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	19.7	15.9	23.9

228 100

226 31.1 24.7 37.1

229 19.7 15.9 23.9

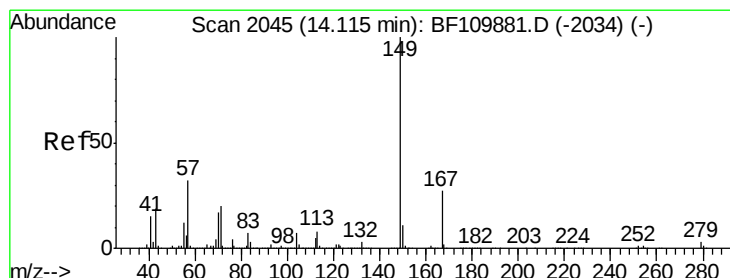
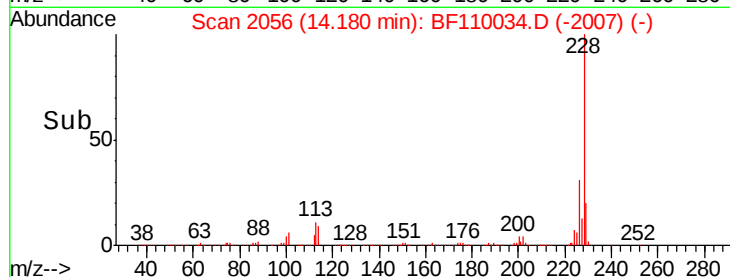
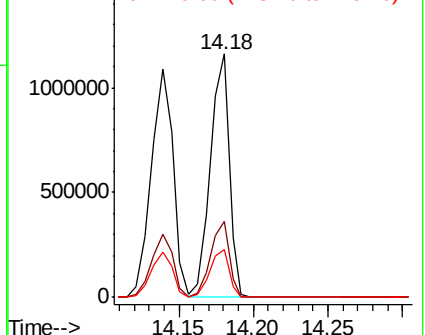


Abundance

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: 51.293 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

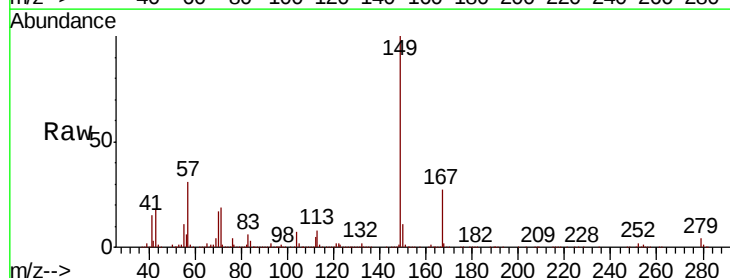
Tgt Ion:149 Resp: 814856

Ion	Ratio	Lower	Upper
149	100		
167	27.5	19.8	29.8
279	3.7	2.7	4.1

149 100

167 27.5 19.8 29.8

279 3.7 2.7 4.1

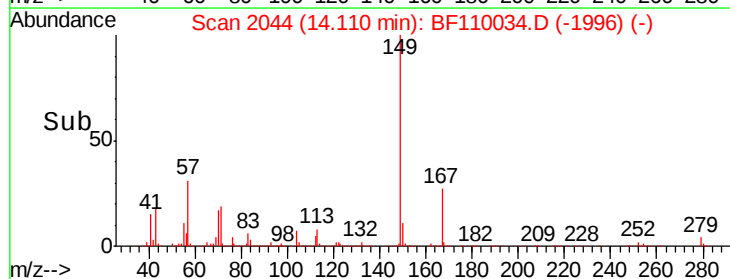
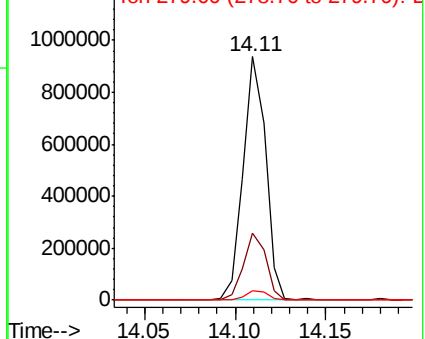


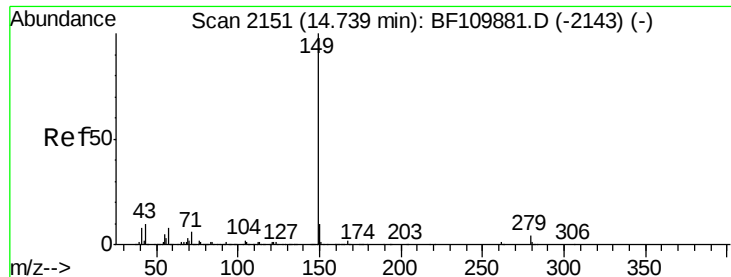
Abundance

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

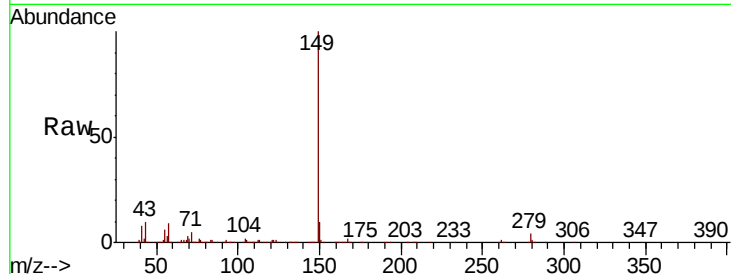




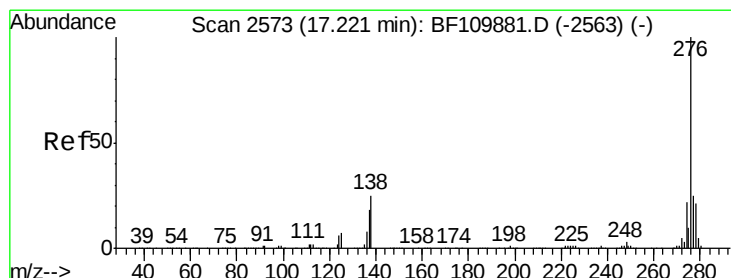
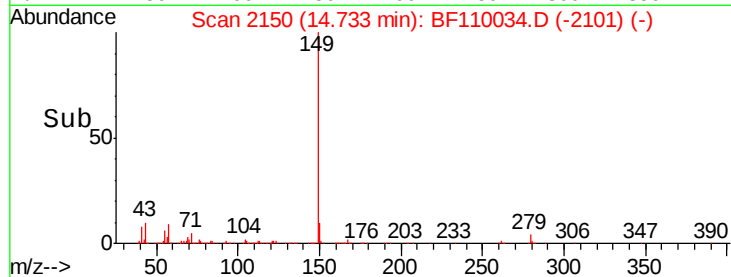
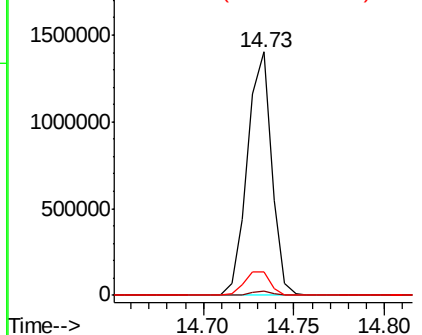
#85
Di-n-octyl phthalate
Concen: 58.401 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1308008
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.4 7.8 11.8

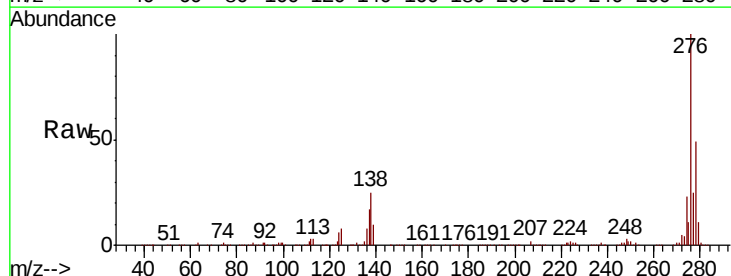


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

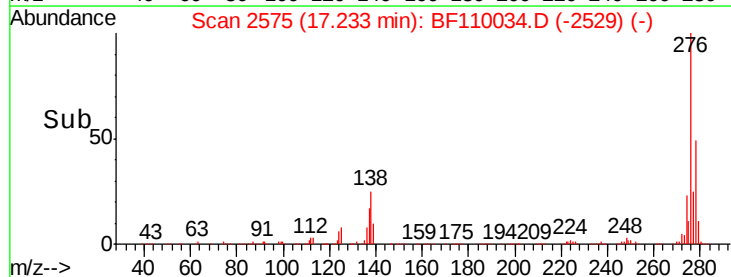
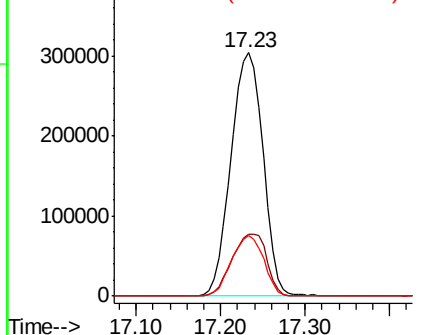


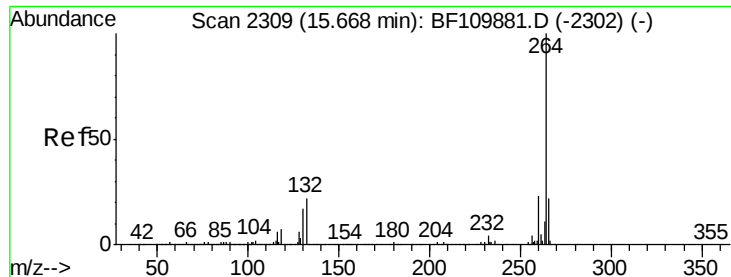
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.711 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:276 Resp: 802286
Ion Ratio Lower Upper
276 100
138 27.8 18.5 27.7#
277 25.0 20.0 30.0



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampleId :

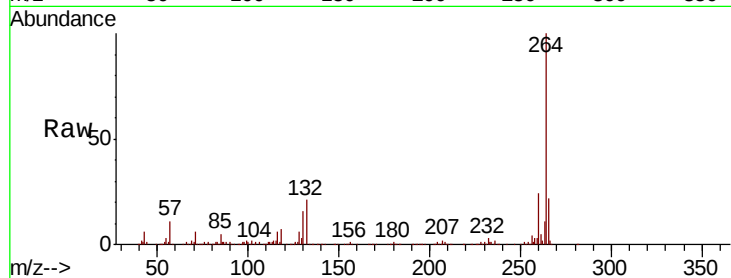
Tot Ion:264 Resp: 345048

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

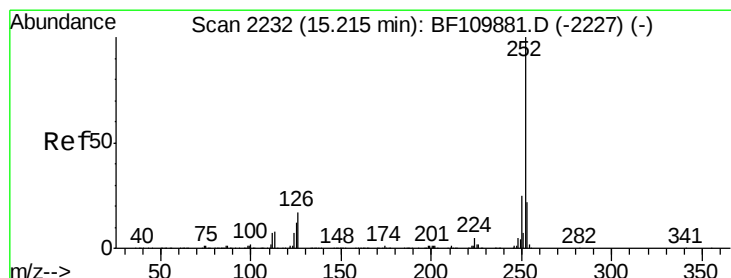
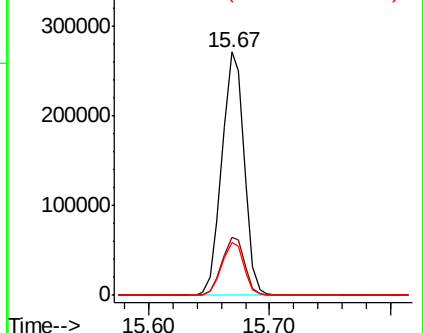
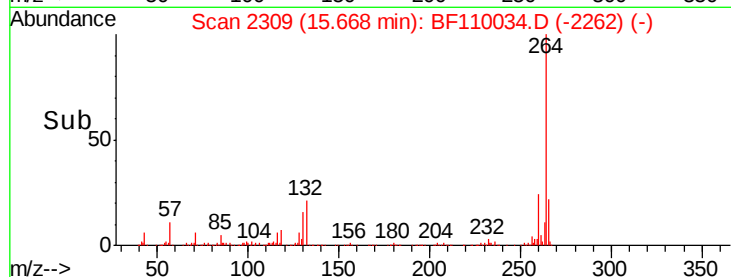
265 21.6 16.7 25.1



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: 49.646 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

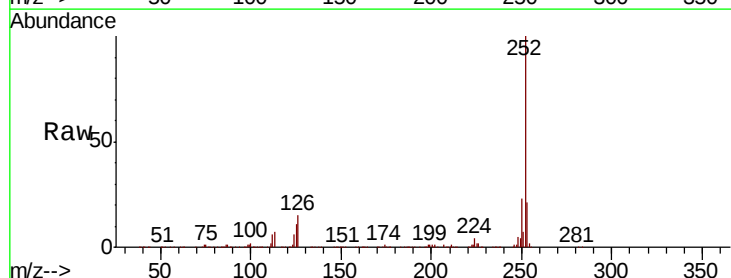
Tgt Ion:252 Resp: 987591

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

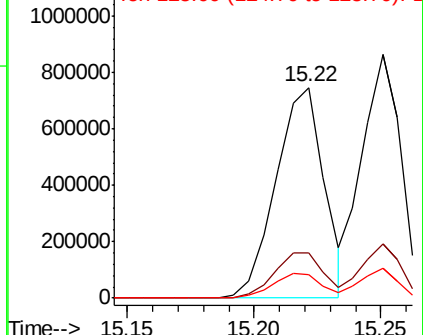
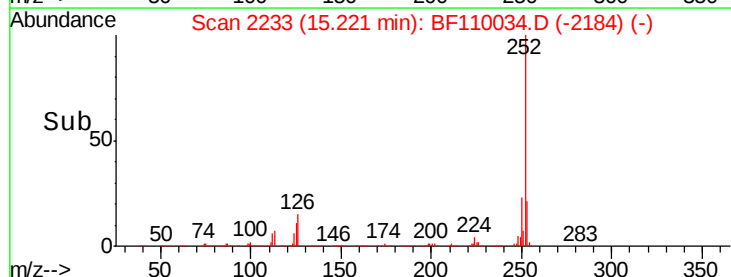
125 11.1 8.2 12.4

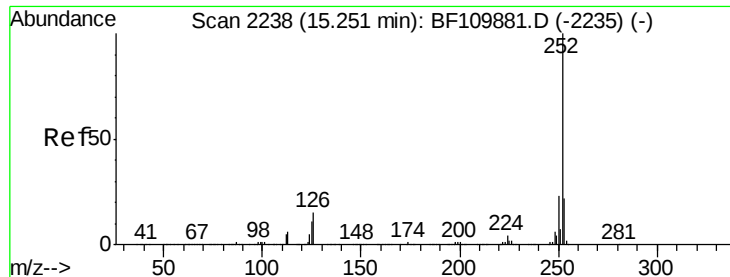


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.404 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

Instrument :

BNA_F

ClientSampled :

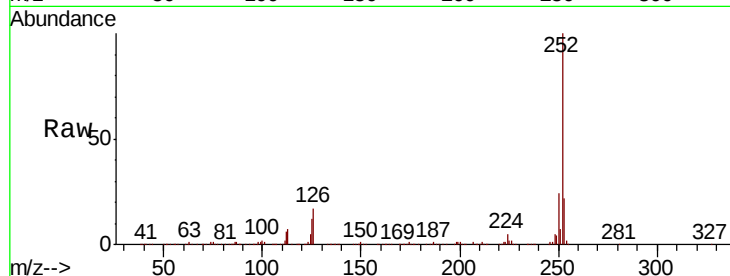
Tot Ion:252 Resp: 929477

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

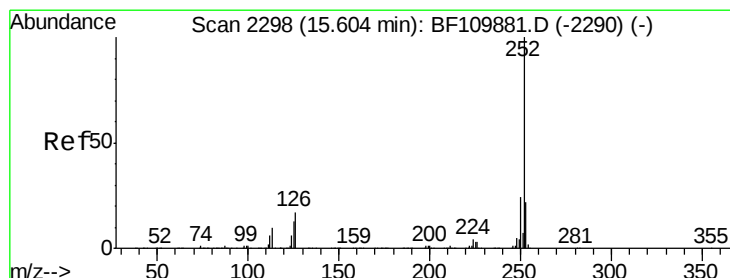
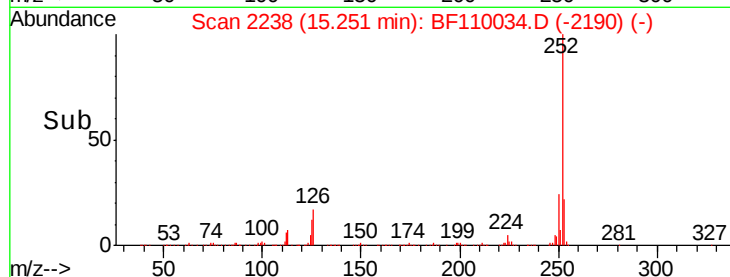
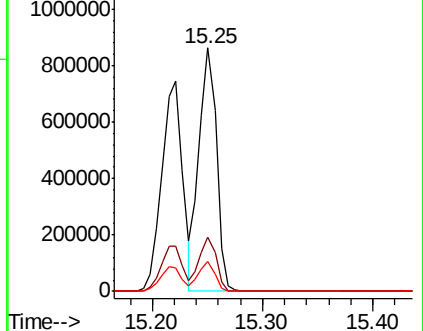
125 12.0 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.682 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BF110034.D

Acq: 20 Oct 2018 6:30

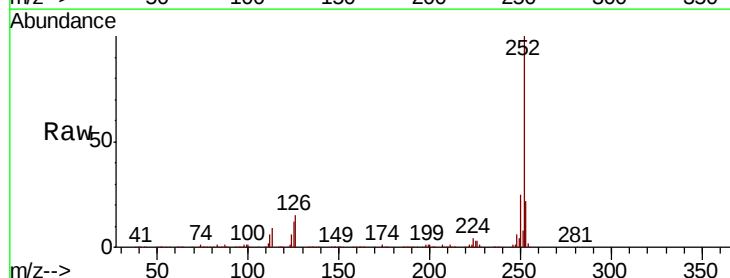
Tgt Ion:252 Resp: 872376

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

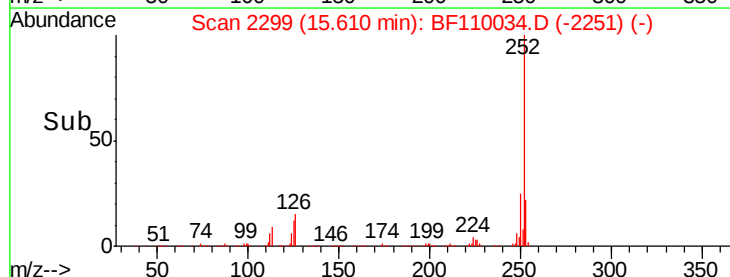
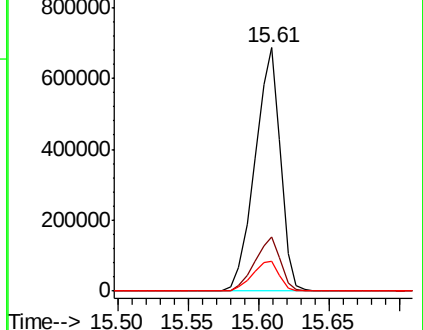
125 12.3 9.0 13.6

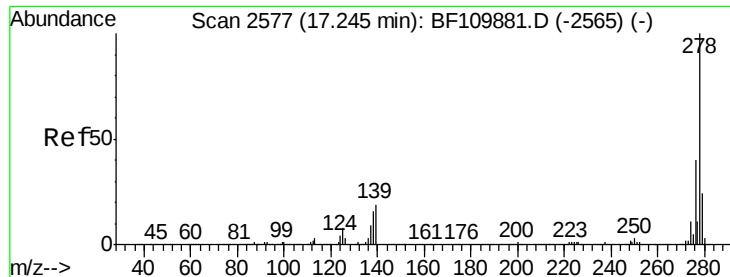


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



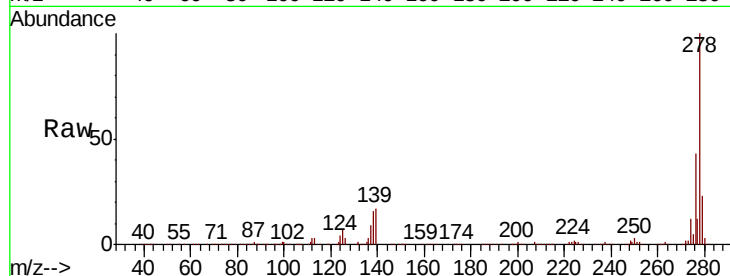


#91
Dibenzo(a,h)anthracene
Concen: 41.815 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.03 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

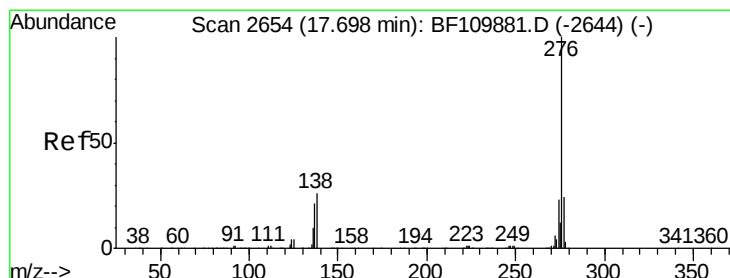
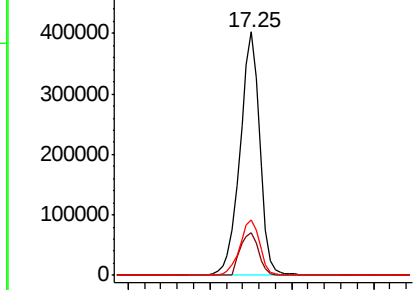
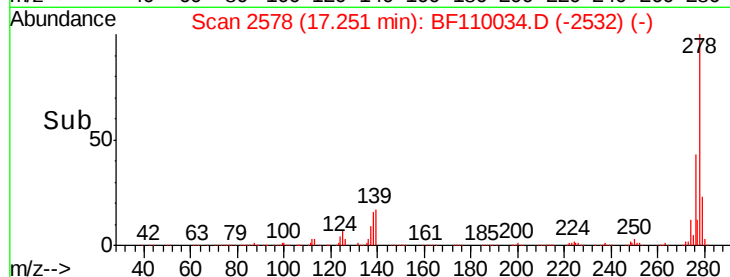
Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 677986

Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.7	19.1
279	23.0	19.0	28.4



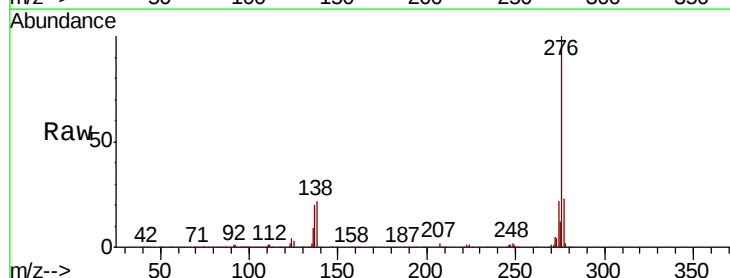
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.262 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF110034.D
Acq: 20 Oct 2018 6:30

Tgt Ion:276 Resp: 643200

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	22.1	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

