

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110161.D
 Acq On : 25 Oct 2018 15:04
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:27:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141979	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	599803	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	288839	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	541782	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	374073	20.00	ng	-0.01
87) Perylene-d12	15.67	264	263305	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	662088	75.94	ng	-0.01
7) Phenol-d6	6.59	99	859082	77.04	ng	-0.01
23) Nitrobenzene-d5	7.53	82	799203	79.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	224006	78.29	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1442787	78.44	ng	-0.01
79) Terphenyl-d14	13.09	244	1452182	80.74	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	158310	34.657	ng	88
3) Pyridine	3.60	79	353101	34.706	ng	89
4) n-Nitrosodimethylamine	3.55	42	105114	24.660	ng	# 97
6) Aniline	6.63	93	561912	38.680	ng	# 53
8) 2-Chlorophenol	6.75	128	395860	39.382	ng	97
9) Benzaldehyde	6.52	77	252157	38.525	ng	99
10) Phenol	6.60	94	462887	38.831	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	375133	38.251	ng	92
12) 1,3-Dichlorobenzene	6.91	146	429737	38.848	ng	97
13) 1,4-Dichlorobenzene	6.99	146	434785	38.863	ng	99
14) 1,2-Dichlorobenzene	7.14	146	404882	38.984	ng	99
15) Benzyl Alcohol	7.10	79	345421	40.273	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	606172	38.658	ng	67
17) 2-Methylphenol	7.21	107	309634	38.651	ng	# 82
18) Hexachloroethane	7.48	117	159866	39.030	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	274945	38.430	ng	97
20) 3+4-Methylphenols	7.36	107	401054	38.730	ng	91
22) Acetophenone	7.37	105	531817	38.480	ng	96
24) Nitrobenzene	7.55	77	411000	39.366	ng	96
25) Isophorone	7.79	82	663573	38.495	ng	98
26) 2-Nitrophenol	7.86	139	213578	42.989	ng	98
27) 2,4-Dimethylphenol	7.89	122	320502	38.910	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	448577	38.306	ng	99
29) 2,4-Dichlorophenol	8.10	162	328691	39.498	ng	100
30) 1,2,4-Trichlorobenzene	8.19	180	362223	38.859	ng	97
31) Naphthalene	8.27	128	1068724	38.660	ng	99
32) Benzoic acid	8.02	122	262213	41.188	ng	89
33) 4-Chloroaniline	8.32	127	478563	38.465	ng	98
34) Hexachlorobutadiene	8.39	225	206390	39.877	ng	98
35) Caprolactam	8.70	113	114492	39.473	ng	97
36) 4-Chloro-3-methylphenol	8.80	107	352956	39.222	ng	95
37) 2-Methylnaphthalene	8.96	142	705833	38.591	ng	99
38) 1-Methylnaphthalene	9.07	142	680428	38.496	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	345139	38.350	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110161.D
 Acq On : 25 Oct 2018 15:04
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:27:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

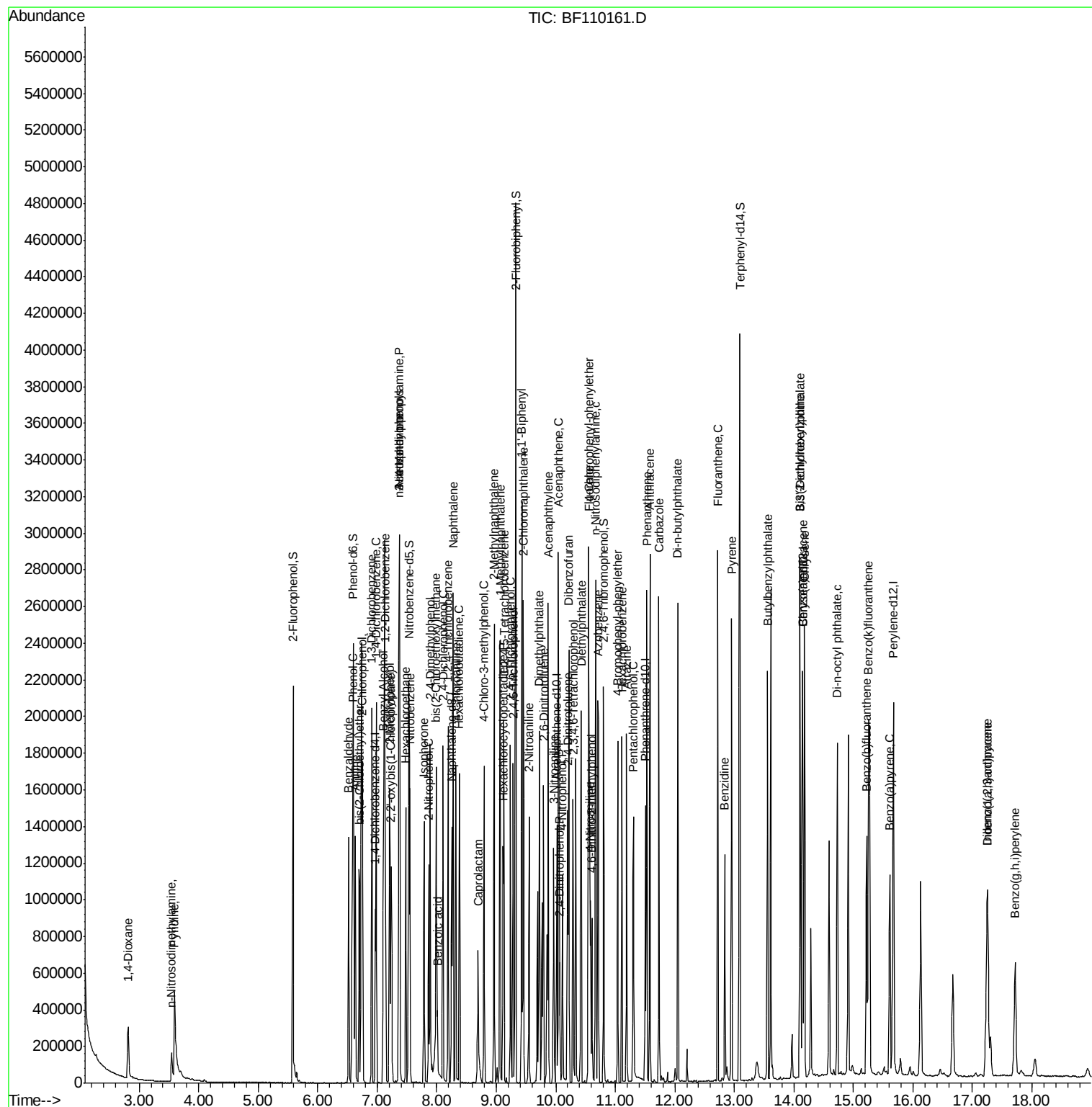
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	182507	39.660	ng	98
43) 2,4,6-Trichlorophenol	9.24	196	229680	39.568	ng	97
44) 2,4,5-Trichlorophenol	9.28	196	243618	39.705	ng	97
46) 1,1'-Biphenyl	9.43	154	996151	38.138	ng	99
47) 2-Chloronaphthalene	9.46	162	738144	38.526	ng	99
48) 2-Nitroaniline	9.55	65	232496	40.045	ng	96
49) Acenaphthylene	9.87	152	1063546	38.433	ng	98
50) Dimethylphthalate	9.73	163	813344	38.147	ng	99
51) 2,6-Dinitrotoluene	9.79	165	187947	40.923	ng	96
52) Acenaphthene	10.05	154	703382	38.421	ng	98
53) 3-Nitroaniline	9.97	138	211980	38.813	ng	88
54) 2,4-Dinitrophenol	10.07	184	69405	40.789	ng	91
55) Dibenzofuran	10.22	168	976074	38.081	ng	96
56) 4-Nitrophenol	10.12	139	162258	40.141	ng	96
57) 2,4-Dinitrotoluene	10.20	165	246137	42.193	ng	89
58) Fluorene	10.56	166	721007	37.796	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	195776	39.146	ng	96
60) Diethylphthalate	10.43	149	801863	38.527	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	383033	38.063	ng	98
62) 4-Nitroaniline	10.59	138	212623	39.142	ng	91
63) Azobenzene	10.71	77	784922	37.994	ng	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	103314	41.739	ng	98
66) n-Nitrosodiphenylamine	10.67	169	695974	39.165	ng	96
67) 4-Bromophenyl-phenylether	11.05	248	231845	39.451	ng	97
68) Hexachlorobenzene	11.11	284	241980	38.807	ng	# 90
69) Atrazine	11.19	200	222351	39.594	ng	99
70) Pentachlorophenol	11.30	266	154285	42.433	ng	97
71) Phenanthrene	11.53	178	1081375	38.146	ng	100
72) Anthracene	11.58	178	1092145	38.436	ng	99
73) Carbazole	11.73	167	1047545	37.758	ng	99
74) Di-n-butylphthalate	12.05	149	1218783	38.896	ng	100
75) Fluoranthene	12.72	202	1073410	37.309	ng	99
77) Benzidine	12.84	184	465884	43.562	ng	99
78) Pyrene	12.96	202	1104635	41.190	ng	98
80) Butylbenzylphthalate	13.56	149	482931	41.489	ng	100
81) Benzo(a)anthracene	14.14	228	859256	38.734	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	297773	38.549	ng	# 99
83) Chrysene	14.18	228	801145	38.023	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	611938	38.890	ng	96
85) Di-n-octyl phthalate	14.73	149	898169	36.710	ng	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	619800	35.459	ng	96
88) Benzo(b)fluoranthene	15.22	252	656690	43.189	ng	99
89) Benzo(k)fluoranthene	15.25	252	577842	38.657	ng	# 97
90) Benzo(a)pyrene	15.62	252	577764	41.295	ng	99
91) Dibenzo(a,h)anthracene	17.26	278	519135	43.003	ng	99
92) Benzo(g,h,i)perylene	17.72	276	515273	43.315	ng	97

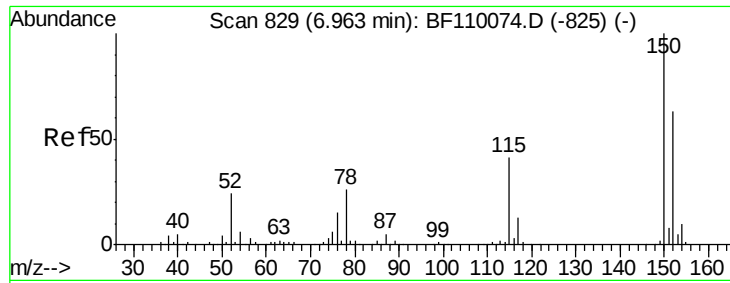
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110161.D
Acq On : 25 Oct 2018 15:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 26 02:27:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration



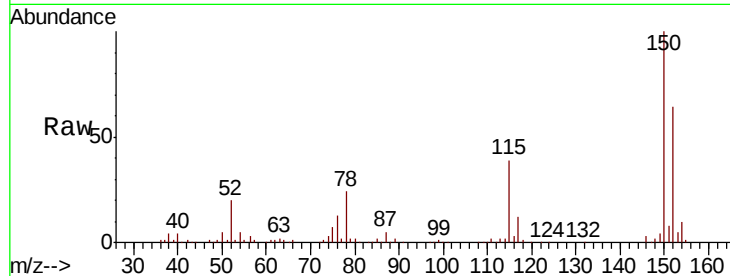


#1

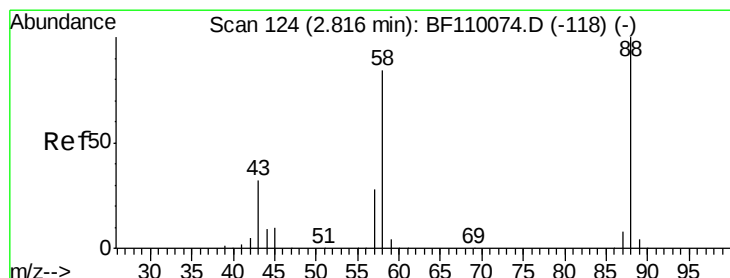
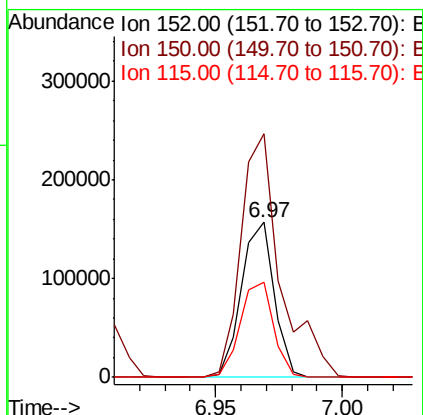
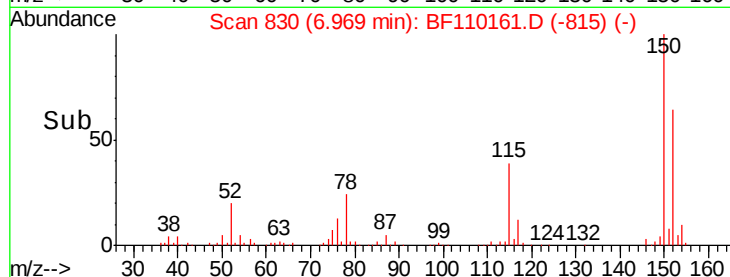
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.7	184.1
115	61.3	49.1	73.7



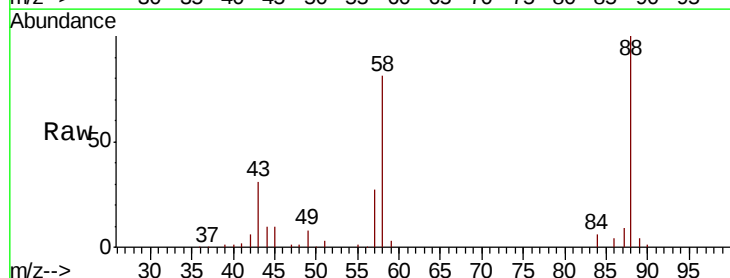
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



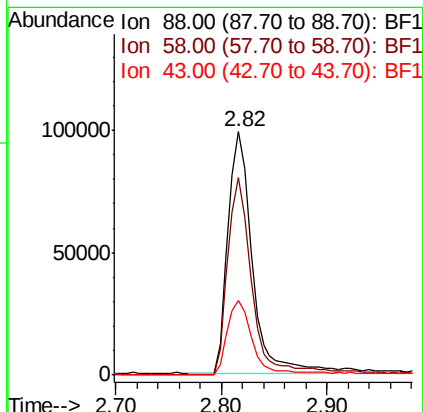
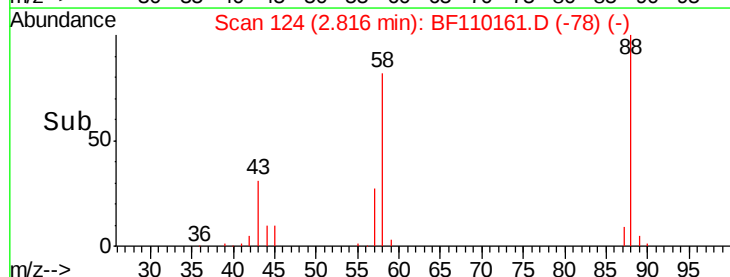
#2

1,4-Dioxane
 Concen: 34.657 ng
 RT: 2.82 min Scan# 124
 Delta R.T. -0.03 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	57.1	85.7
43	32.4	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: 34.706 ng

RT: 3.60 min Scan# 257

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

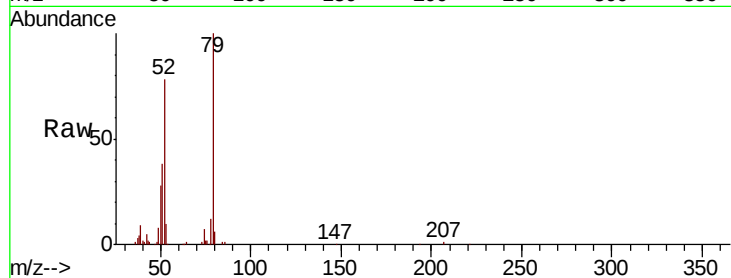
Tot Ion: 79 Resp: 353101

Ion Ratio Lower Upper

79 100

52 77.9 53.1 79.7

51 37.6 27.4 41.2



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

200000

150000

100000

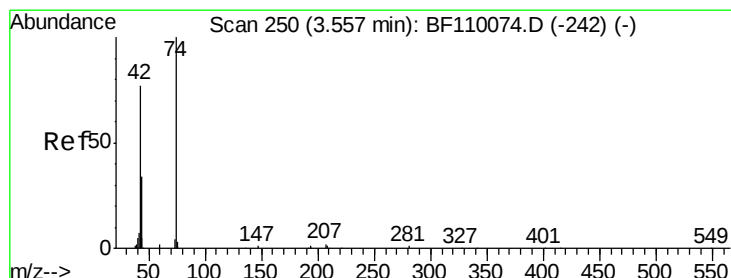
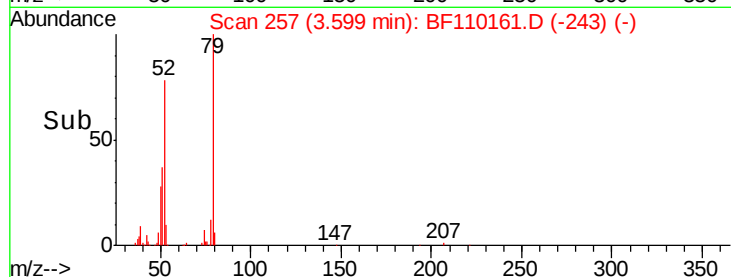
50000

0

3.60

3.50 3.60 3.70 3.80

Time-->



#4

n-Nitrosodimethylamine

Concen: 24.660 ng

RT: 3.55 min Scan# 248

Delta R.T. -0.04 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

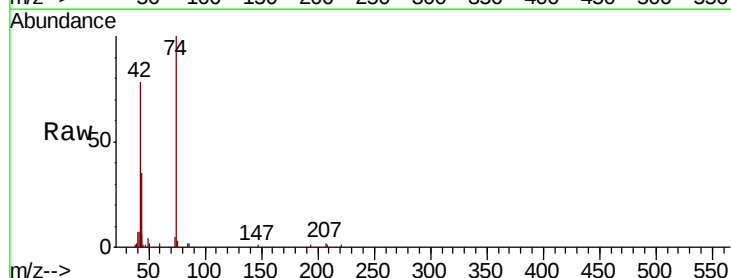
Tgt Ion: 42 Resp: 105114

Ion Ratio Lower Upper

42 100

74 128.1 105.5 158.3

44 7.7 4.9 7.3#



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

80000

60000

40000

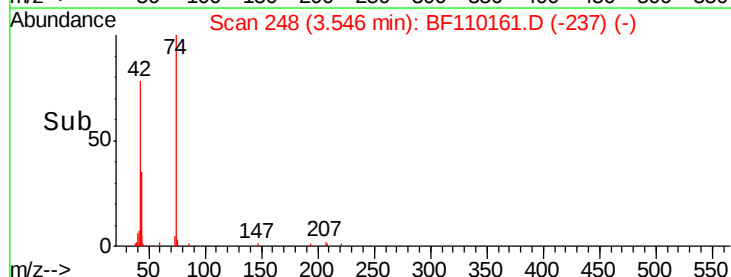
20000

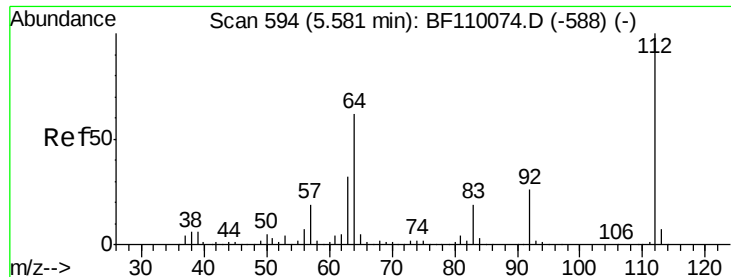
0

3.55

3.50 3.55 3.60 3.65

Time-->





#5

2-Fluorophenol

Concen: 75.939 ng

RT: 5.59 min Scan# 595

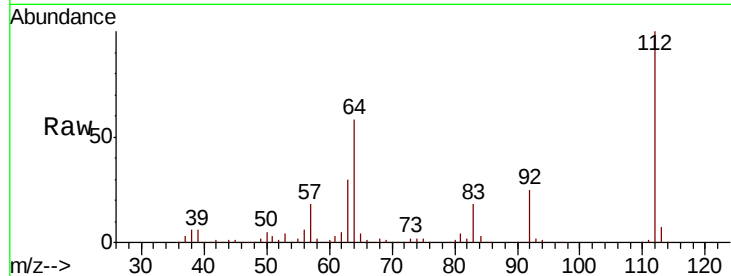
Delta R.T. -0.01 min

Lab File: BF110161.D

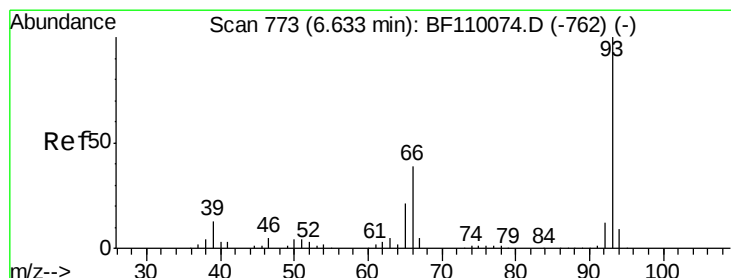
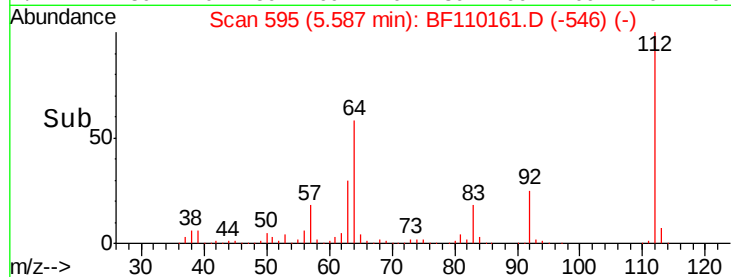
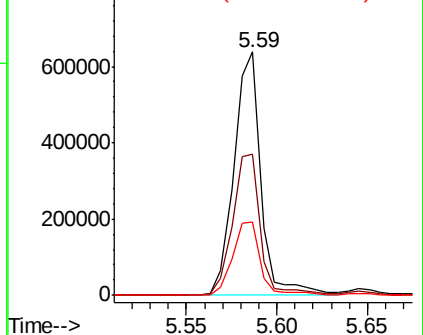
Acq: 25 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	662088
Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	29.9	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: 38.680 ng

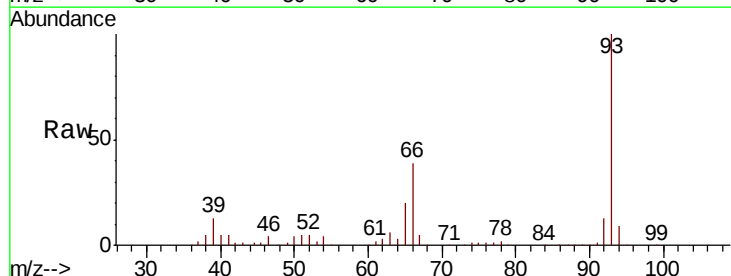
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

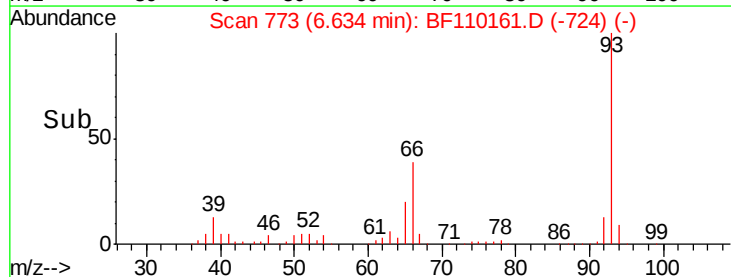
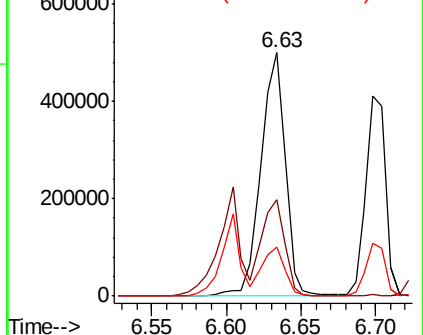
Lab File: BF110161.D

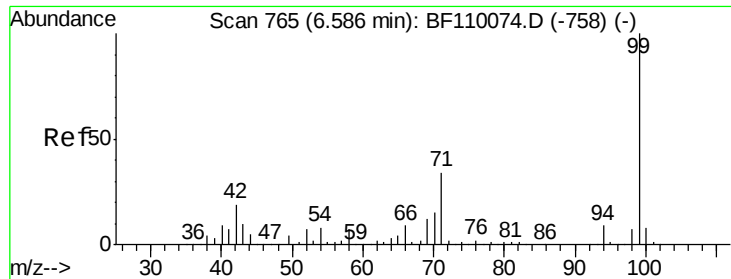
Acq: 25 Oct 2018 15:04

Tgt Ion:	93	Resp:	561912
Ion	Ratio	Lower	Upper
93	100		
66	39.5	67.4	101.0#
65	20.4	41.0	61.4#



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





#7

Phenol-d6

Concen: 77.035 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampled :

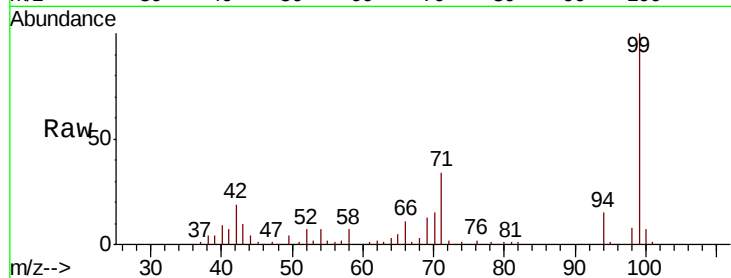
Tot Ion: 99 Resp: 859082

Ion Ratio Lower Upper

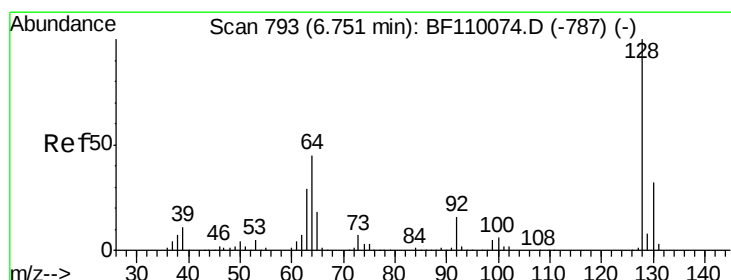
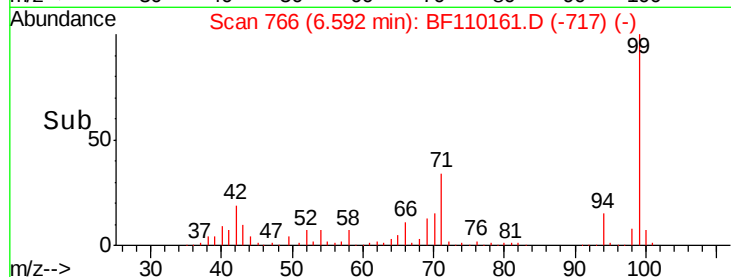
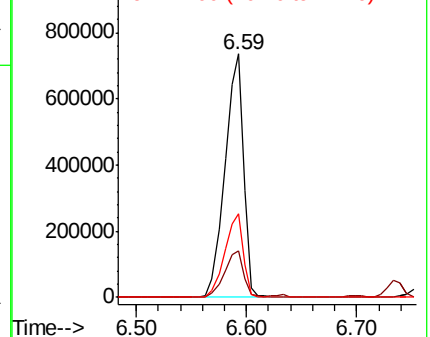
99 100

42 19.0 15.8 23.6

71 34.3 28.0 42.0



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



#8

2-Chlorophenol

Concen: 39.382 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

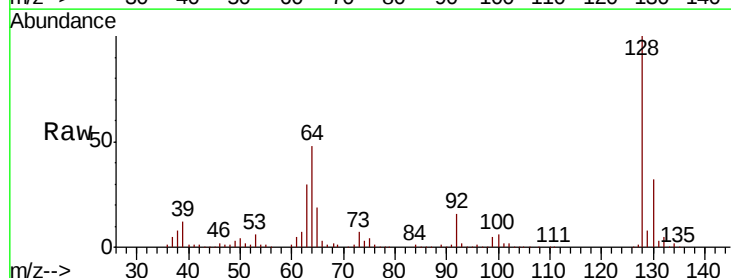
Tgt Ion: 128 Resp: 395860

Ion Ratio Lower Upper

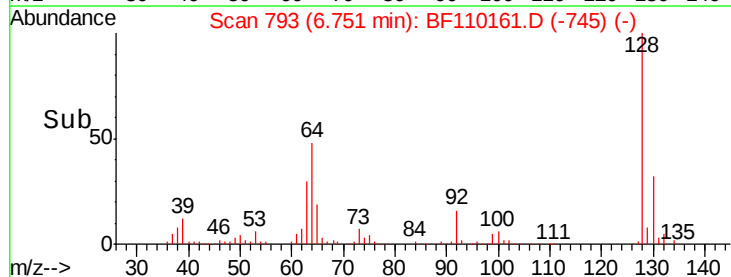
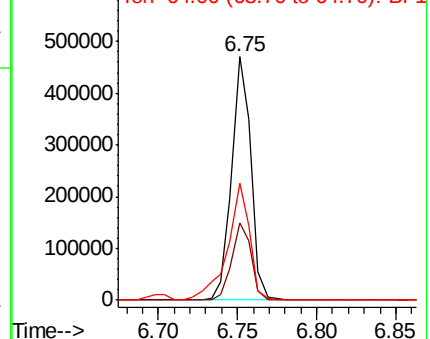
128 100

130 31.9 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: 38.525 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

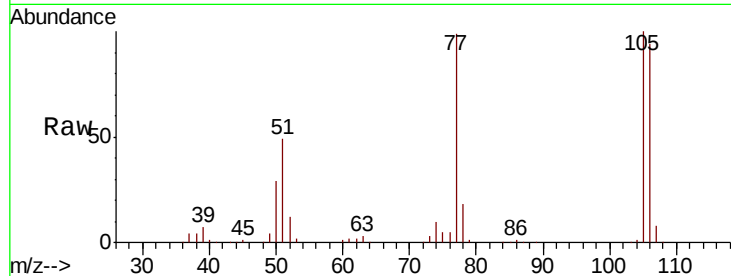
Tot Ion: 77 Resp: 252157

Ion Ratio Lower Upper

77 100

105 100.7 78.6 118.6

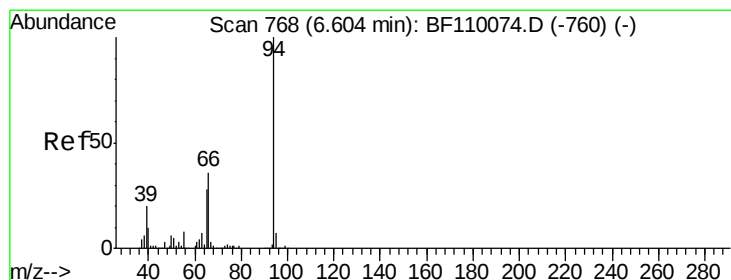
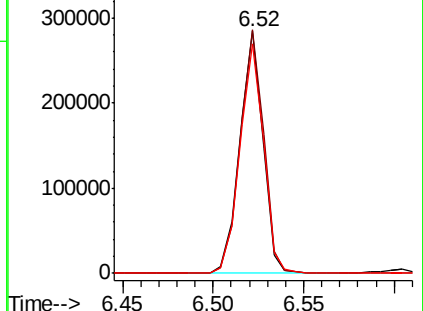
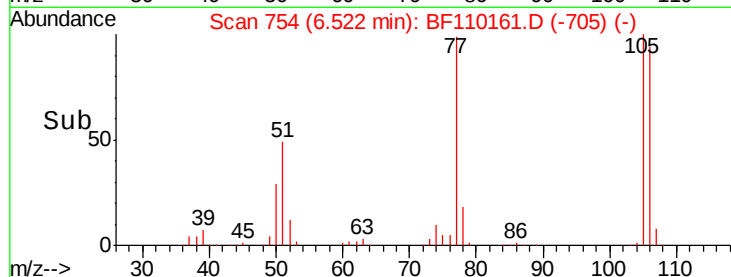
106 95.1 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.831 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

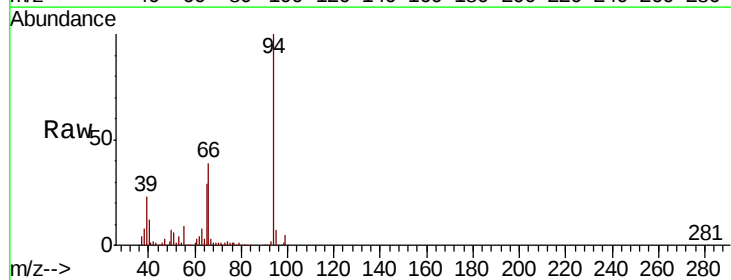
Tgt Ion: 94 Resp: 462887

Ion Ratio Lower Upper

94 100

65 29.0 25.3 65.3

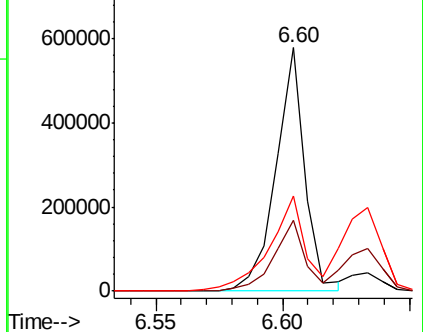
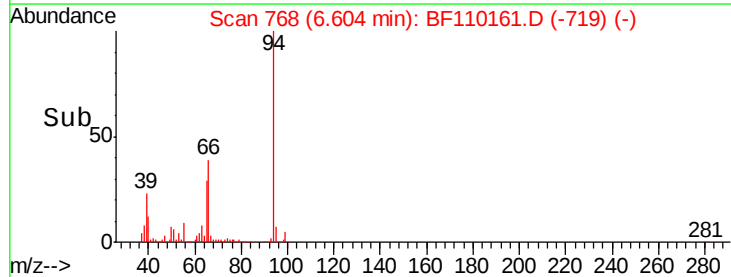
66 38.9 54.5 94.5#

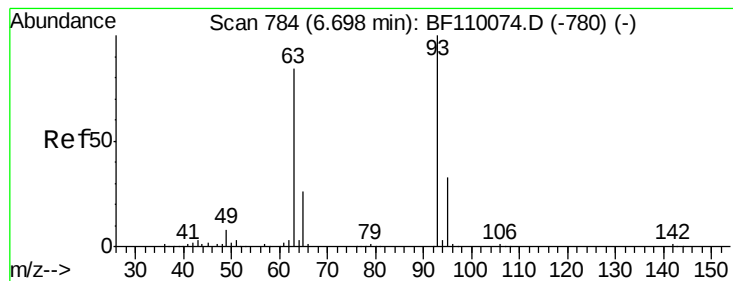


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.251 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

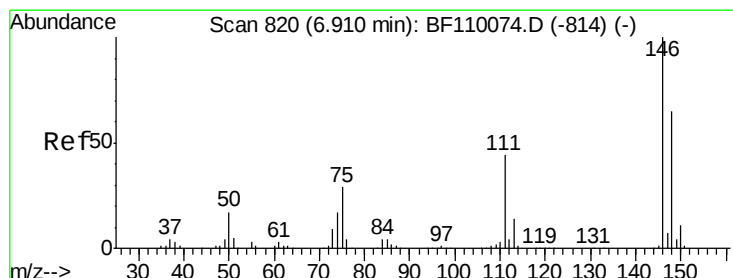
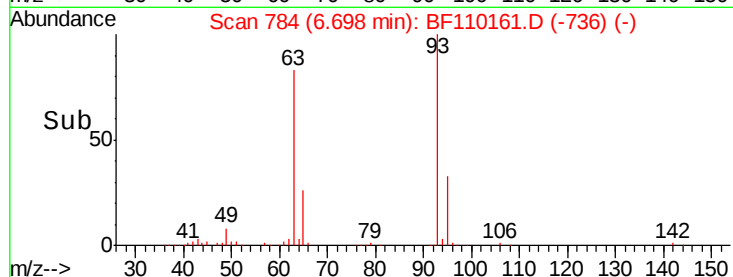
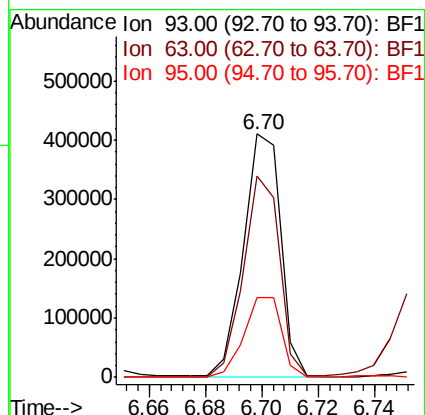
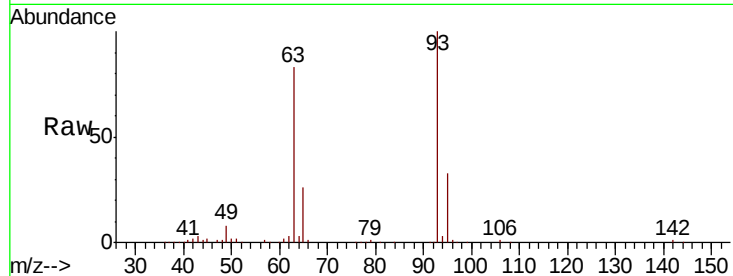
Tot Ion: 93 Resp: 375133

Ion Ratio Lower Upper

93 100

63 82.7 53.4 93.4

95 32.7 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 38.848 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

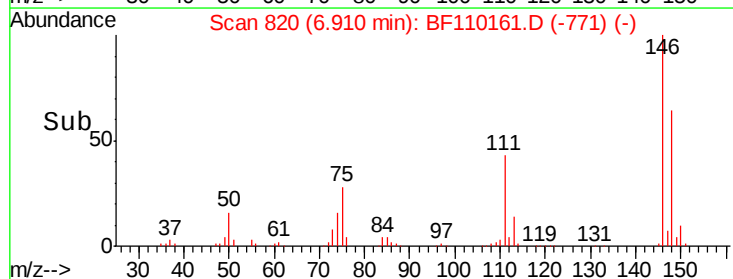
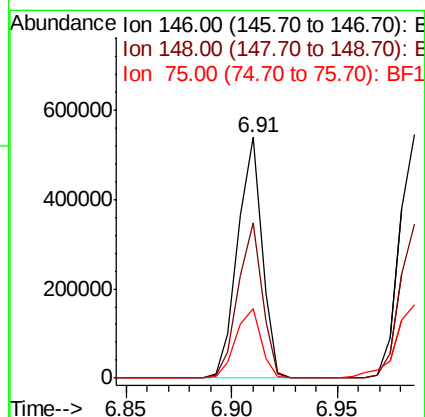
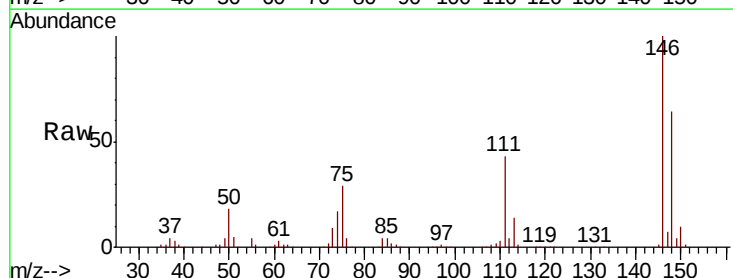
Tgt Ion: 146 Resp: 429737

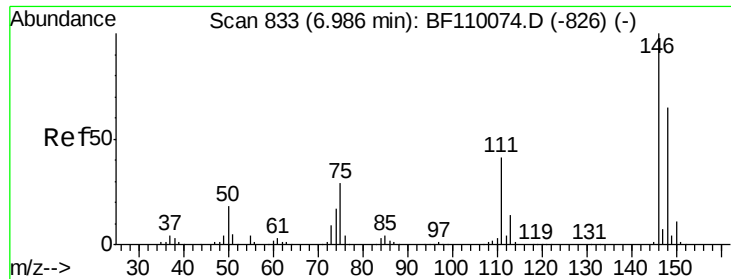
Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

75 28.8 25.8 38.6

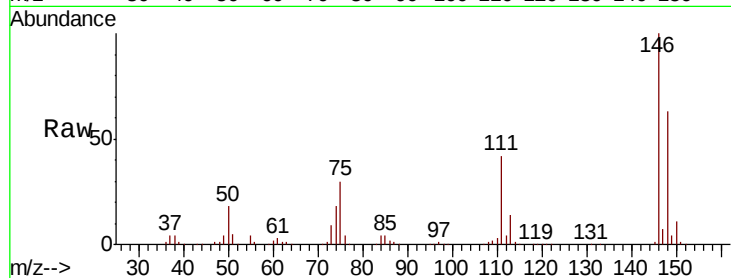




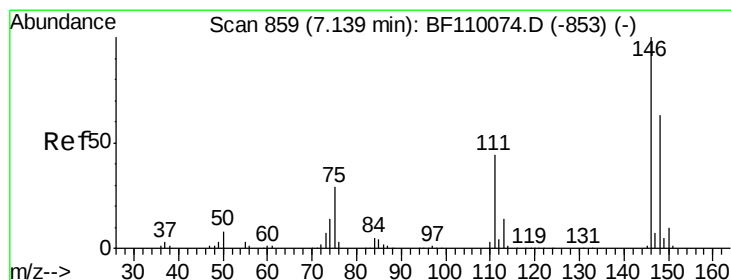
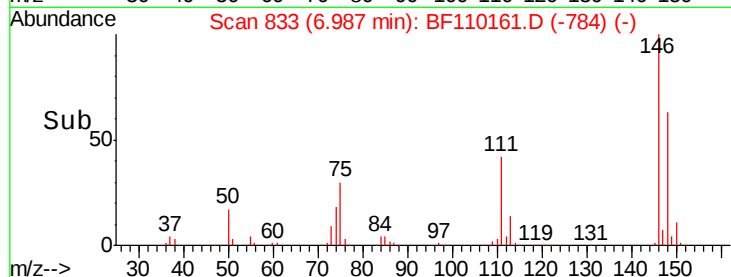
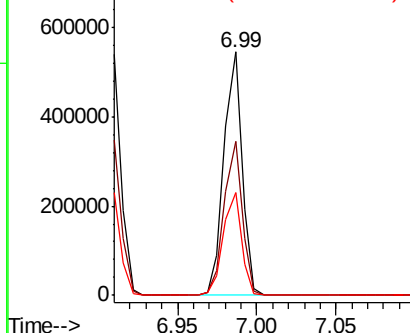
#13
 1,4-Dichlorobenzene
 Concen: 38.863 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 434785
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.3 75.5
 111 42.1 32.7 49.1

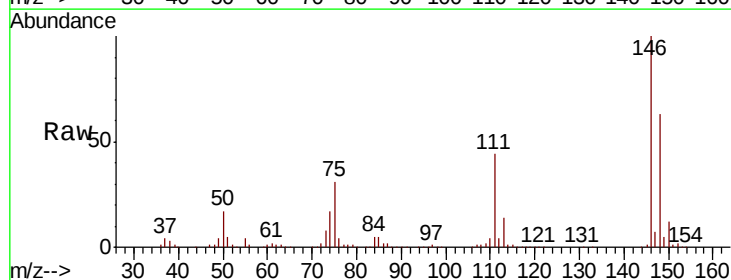


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

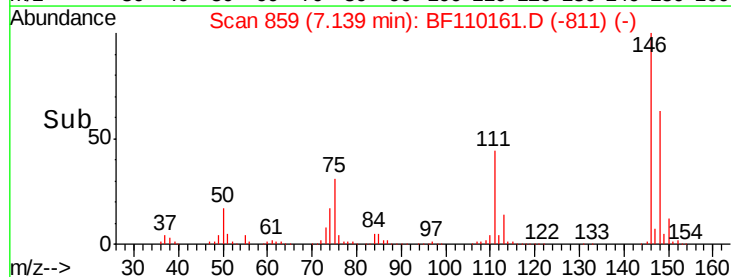
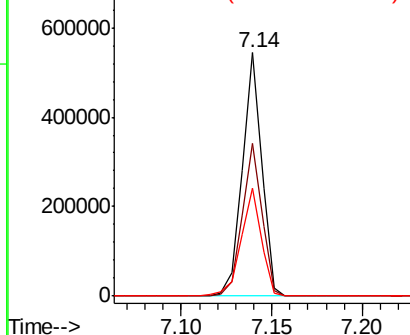


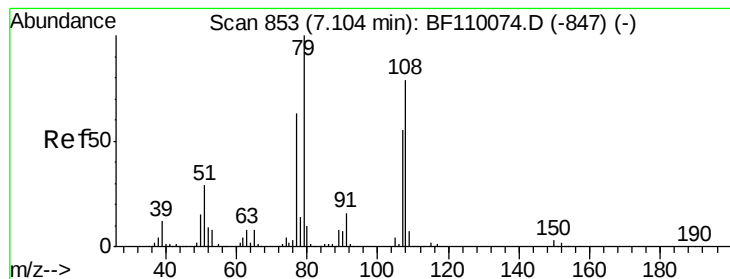
#14
 1,2-Dichlorobenzene
 Concen: 38.984 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Tgt Ion:146 Resp: 404882
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.1 76.7
 111 44.4 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.273 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampled :

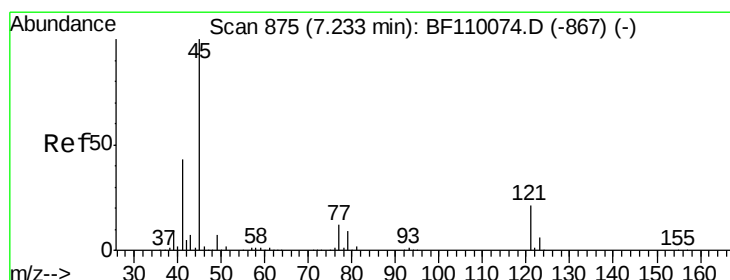
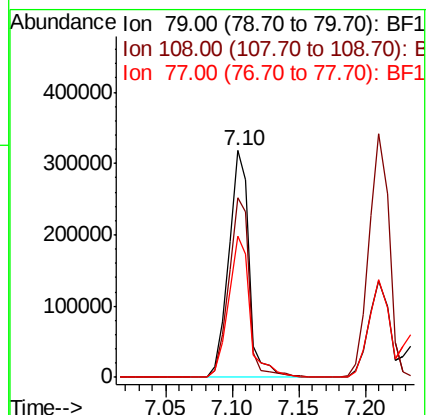
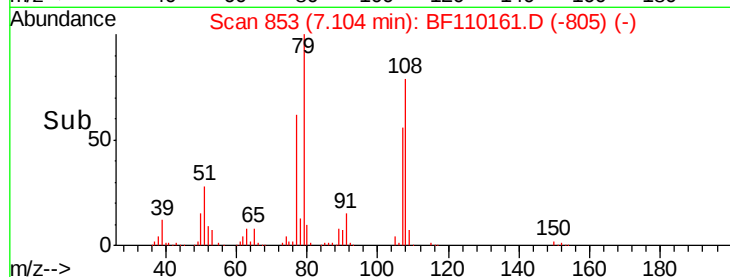
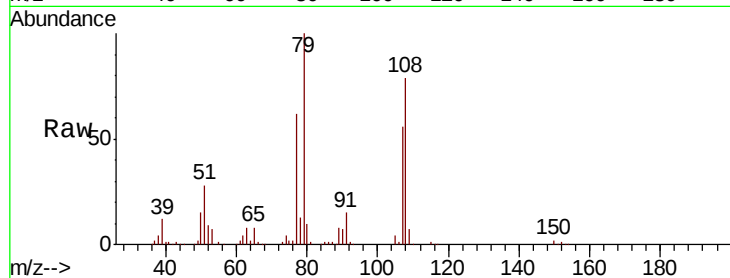
Tot Ion: 79 Resp: 345421

Ion Ratio Lower Upper

79 100

108 79.3 56.3 84.5

77 62.3 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.658 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

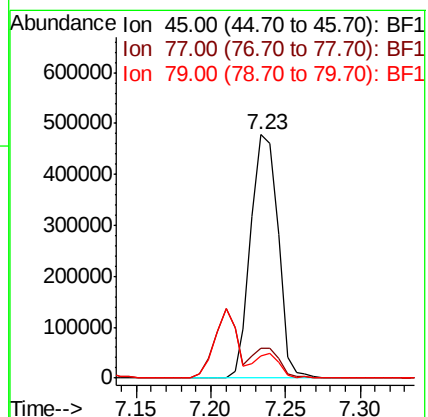
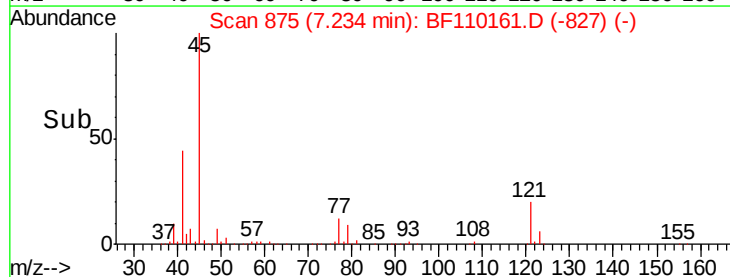
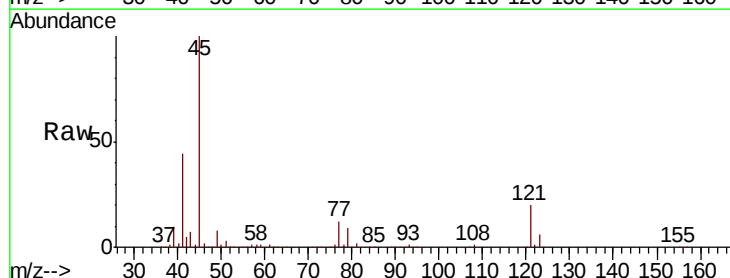
Tgt Ion: 45 Resp: 606172

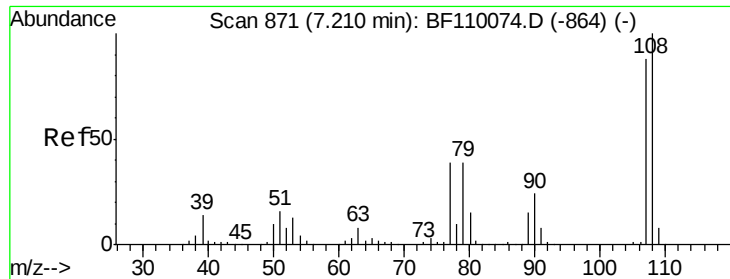
Ion Ratio Lower Upper

45 100

77 12.5 10.0 50.0

79 9.3 6.1 46.1

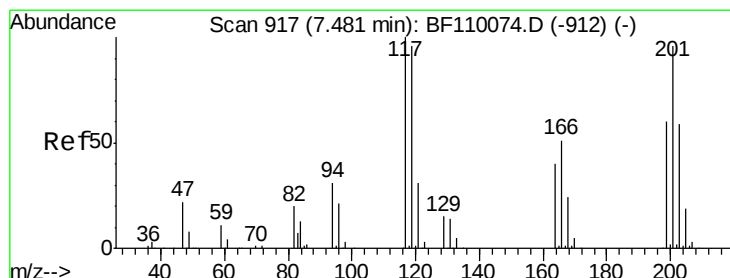
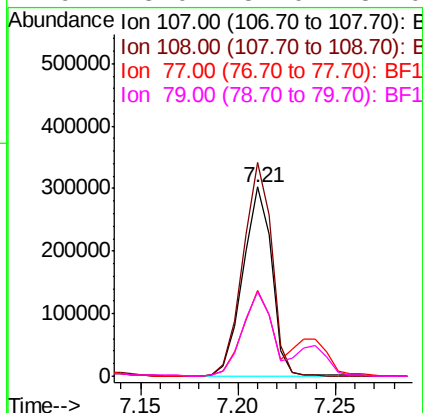
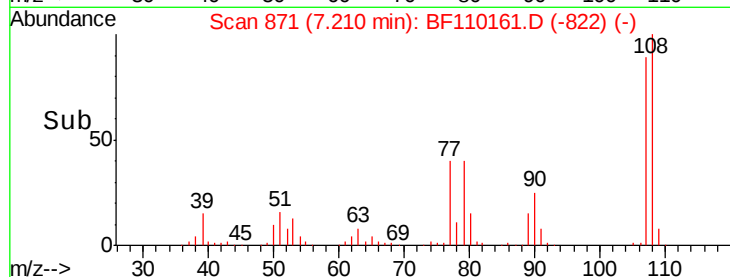
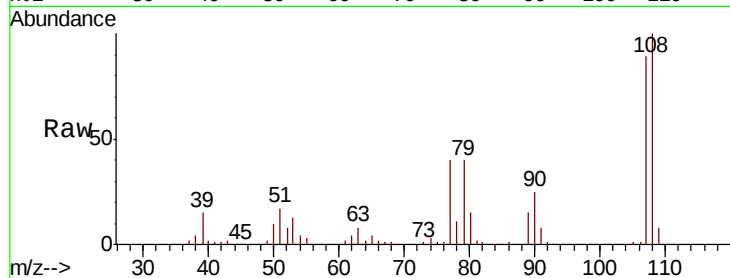




#17
2-Methylphenol
Concen: 38.651 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

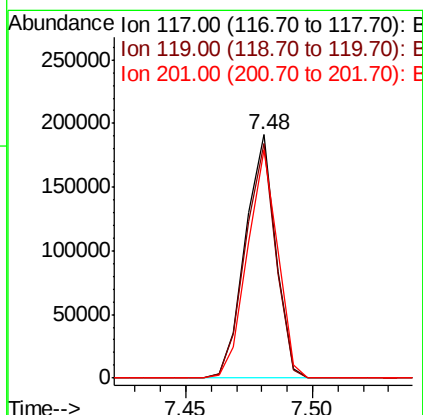
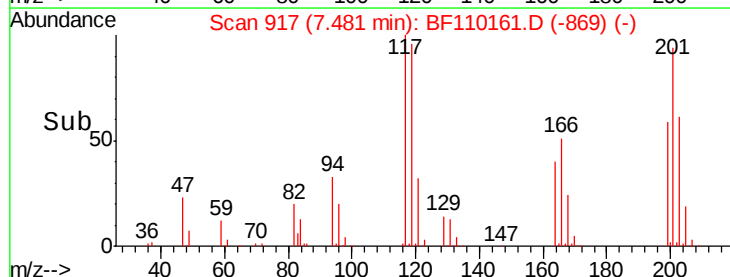
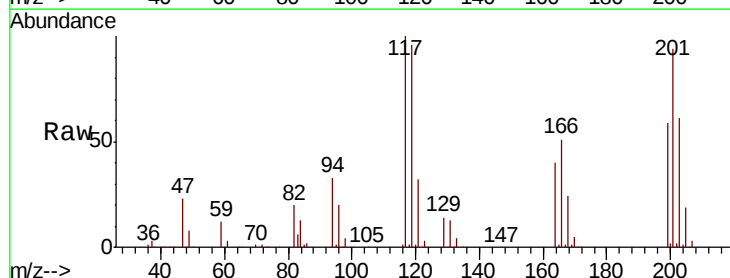
Instrument :
BNA_F
ClientSampled :

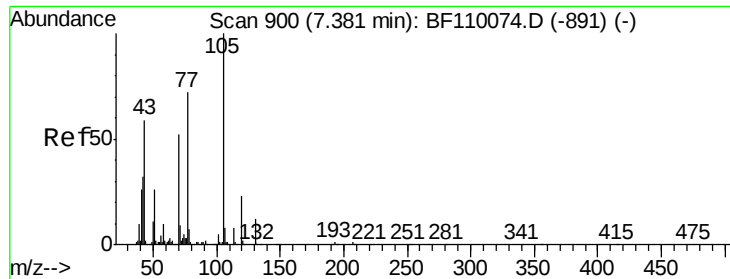
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	92.6	138.8
77	45.3	59.4	89.2#
79	45.0	54.0	81.0#



#18
Hexachloroethane
Concen: 39.030 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.0	112.6
201	94.0	79.2	118.8

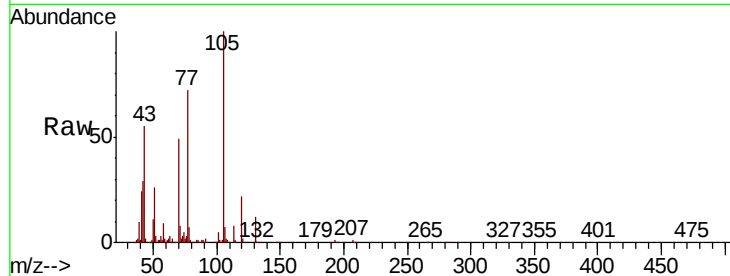




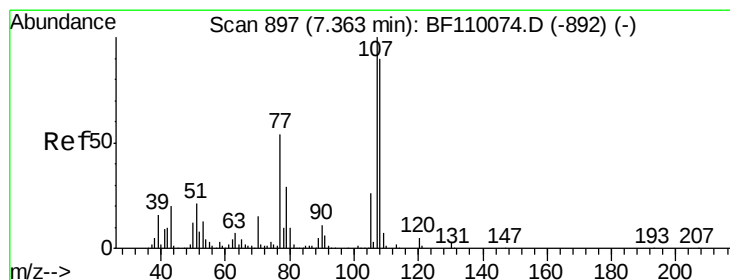
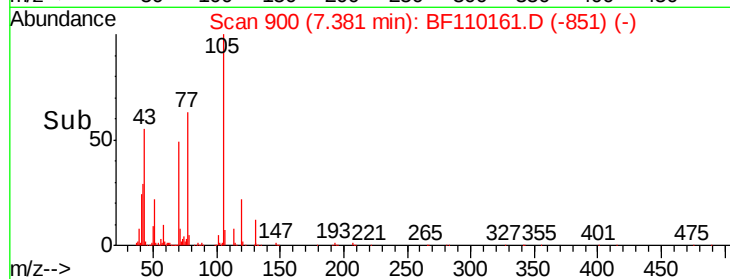
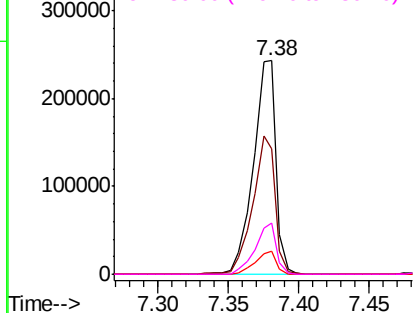
#19
n-Nitroso-di-n-propylamine
Concen: 38.430 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	274945
Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.4	71.2
101	10.7	7.3	10.9
130	24.1	16.2	24.2

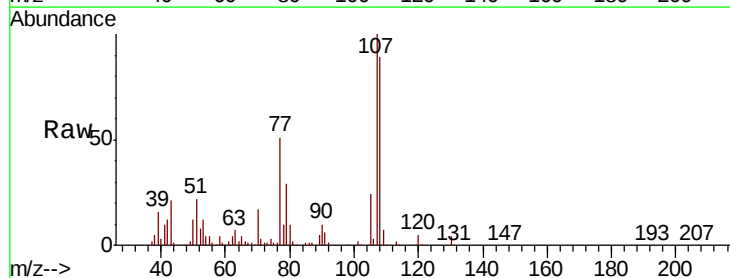


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

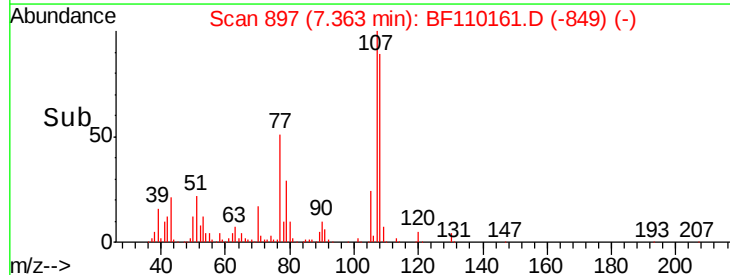
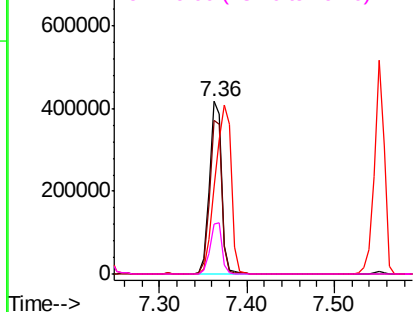


#20
3+4-Methylphenols
Concen: 38.730 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Tgt Ion:	107	Resp:	401054
Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.4	111.4
77	50.7	47.3	87.3
79	28.8	10.9	50.9



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

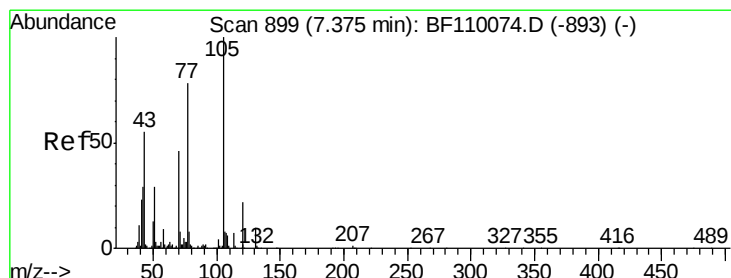
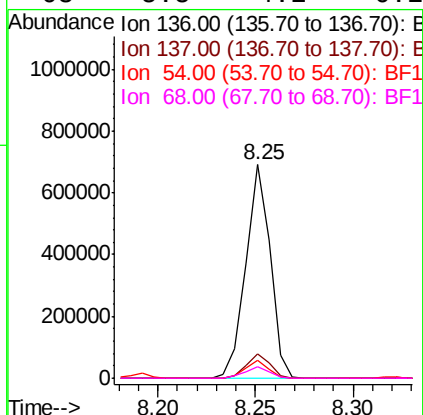
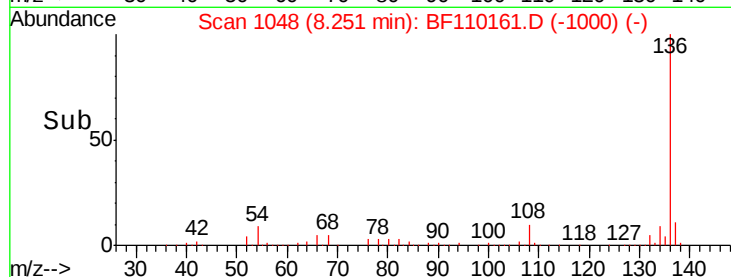
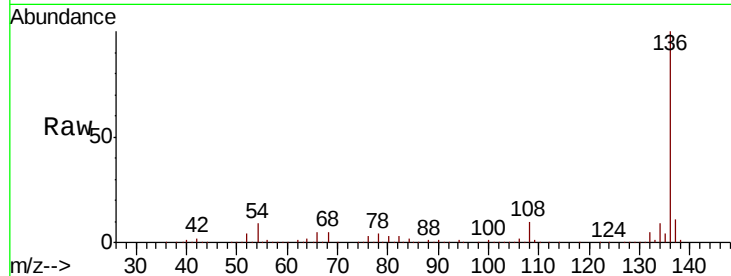




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

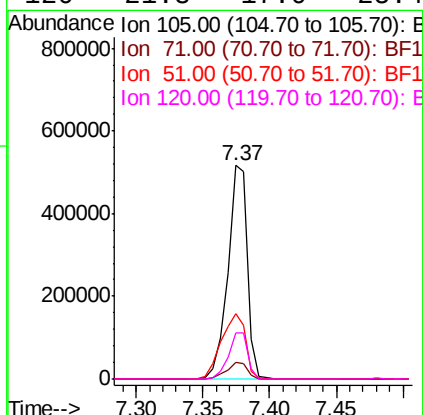
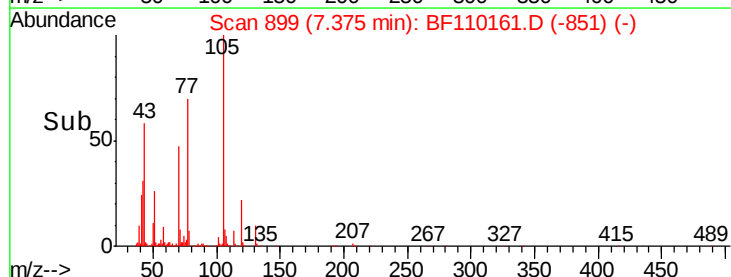
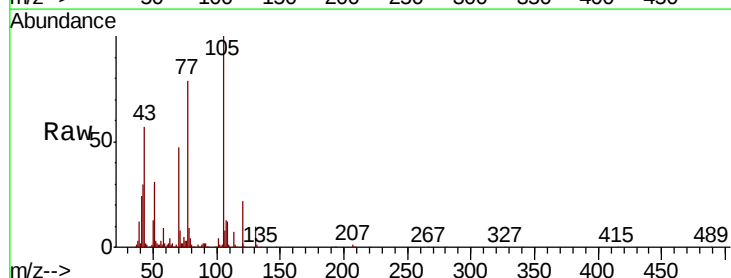
Instrument :
BNA_F
ClientSampleId :

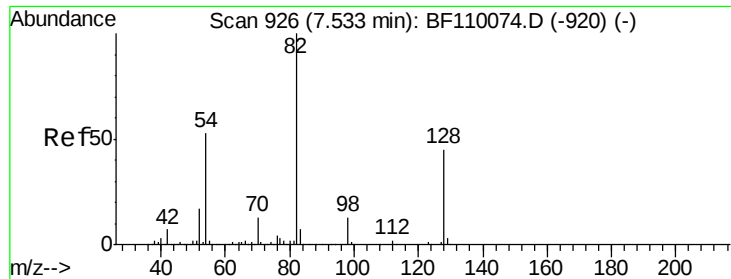
Tot Ion:136	Resp:	599803
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.8 13.2
54	8.5	5.4 8.2#
68	5.5	4.2 6.2



#22
Acetophenone
Concen: 38.480 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Tgt Ion:105	Resp:	531817
Ion Ratio	Lower	Upper
105	100	
71	7.7	5.2 7.8
51	30.5	21.8 32.8
120	21.8	17.0 25.4

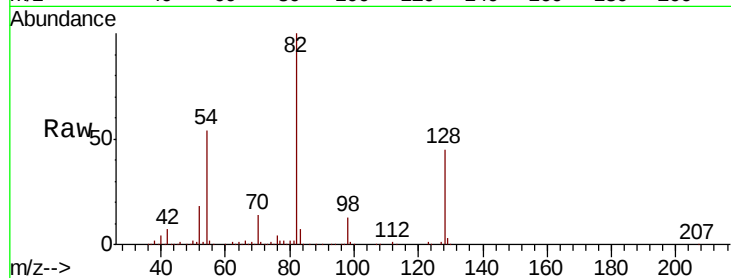




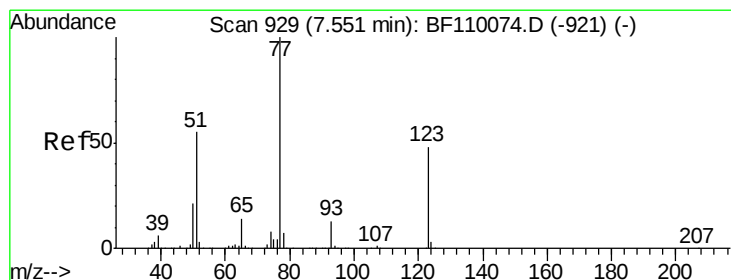
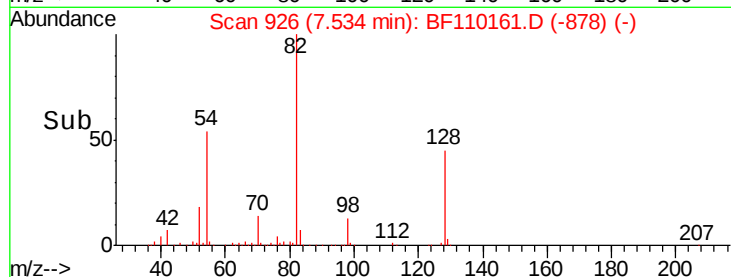
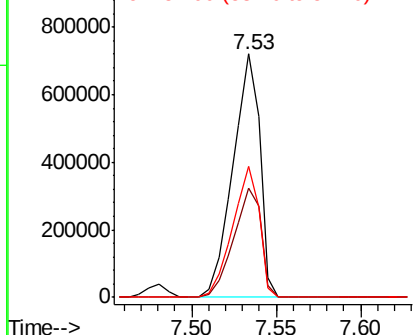
#23
 Nitrobenzene-d5
 Concen: 79.031 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	799203
Ion Ratio	100	Lower	Upper
128	45.1	34.2	51.2
54	53.7	38.6	58.0

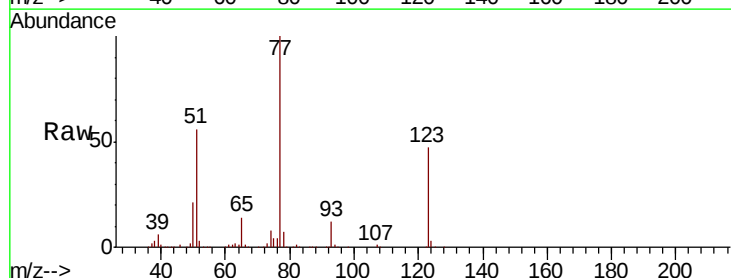


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

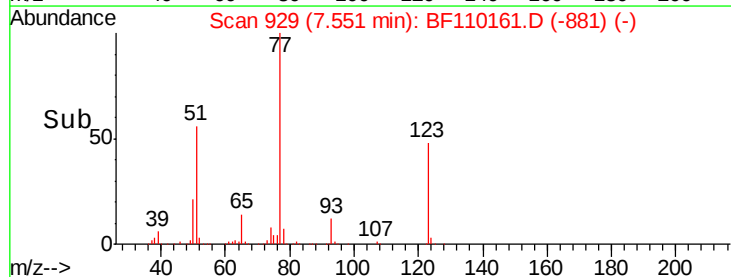
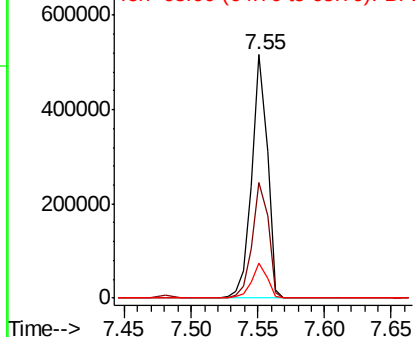


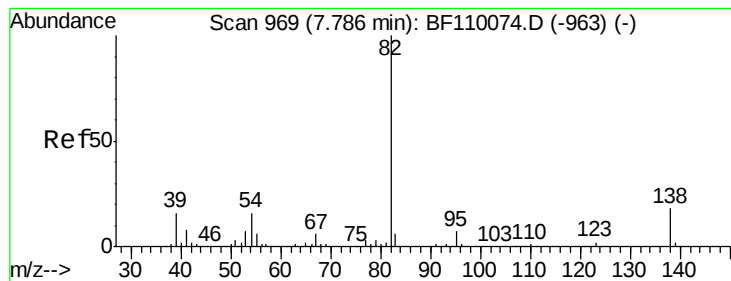
#24
 Nitrobenzene
 Concen: 39.366 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Tgt Ion	77	Resp	411000
Ion Ratio	100	Lower	Upper
123	47.5	35.7	53.5
65	14.3	10.7	16.1



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





#25

Isophorone

Concen: 38.495 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

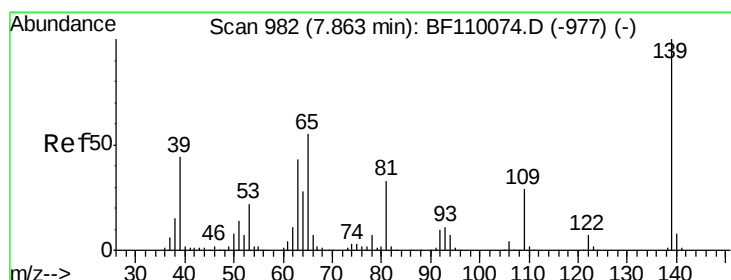
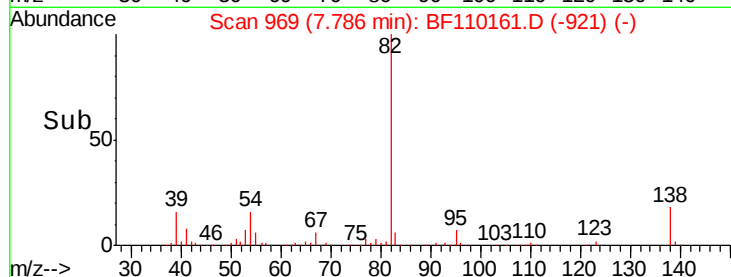
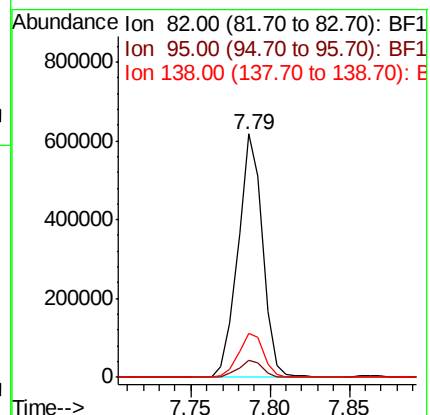
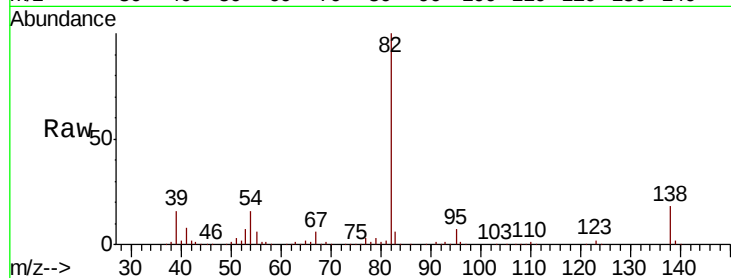
Tot Ion: 82 Resp: 663573

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 17.9 13.2 19.8



#26

2-Nitrophenol

Concen: 42.989 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

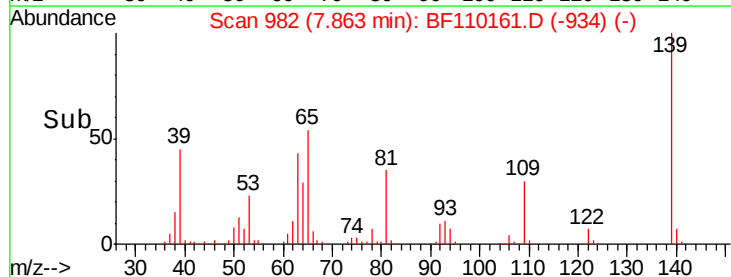
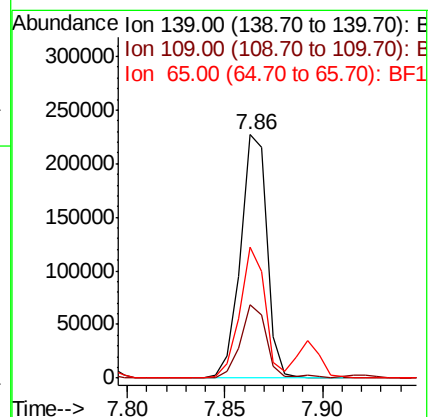
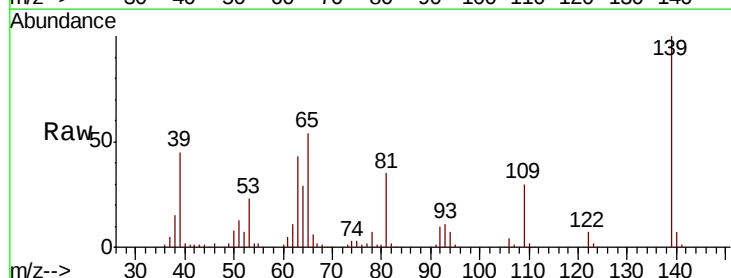
Tgt Ion: 139 Resp: 213578

Ion Ratio Lower Upper

139 100

109 30.1 25.0 37.6

65 53.5 44.0 66.0

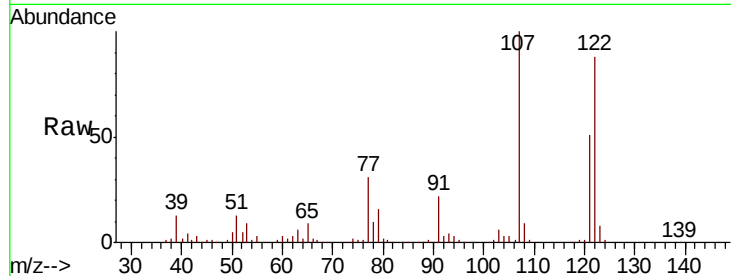




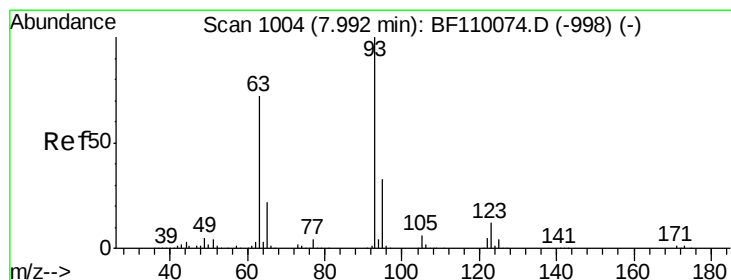
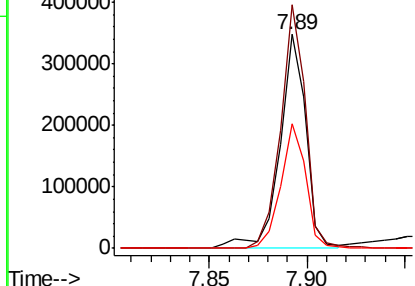
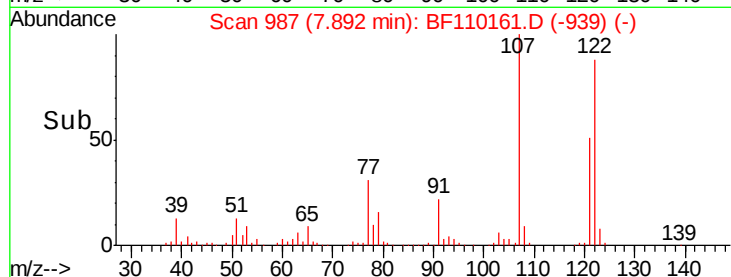
#27
2,4-Dimethylphenol
Concen: 38.910 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 320502
Ion Ratio Lower Upper
122 100
107 114.0 92.5 138.7
121 58.1 45.8 68.8

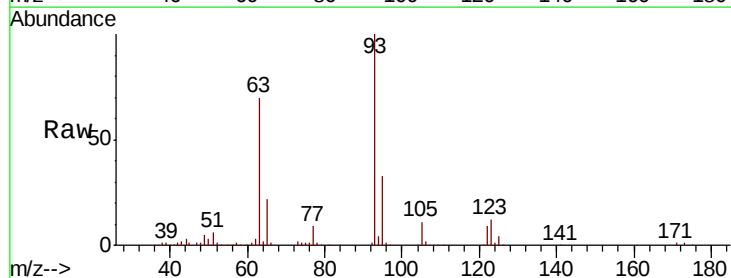


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

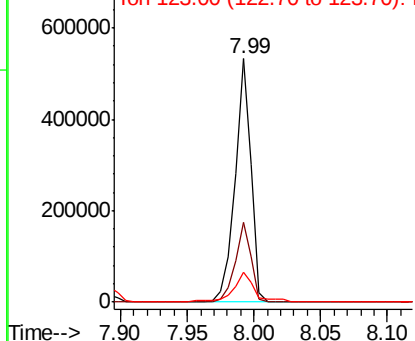
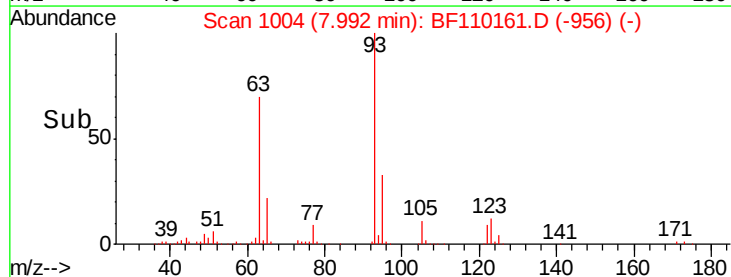


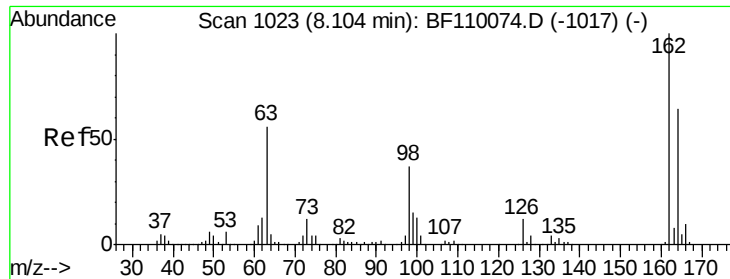
#28
bis(2-Chloroethoxy)methane
Concen: 38.306 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Tgt Ion: 93 Resp: 448577
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 12.3 9.0 13.6



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

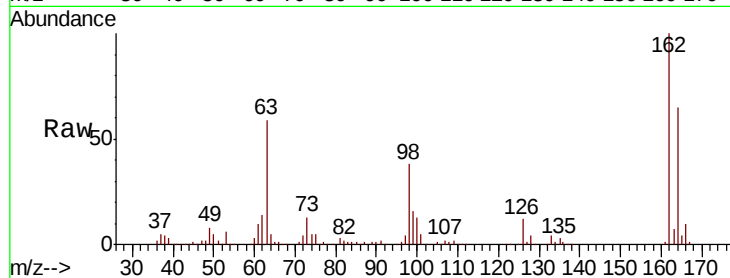




#29
 2,4-Dichlorophenol
 Concen: 39.498 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	38.1	17.4	57.4

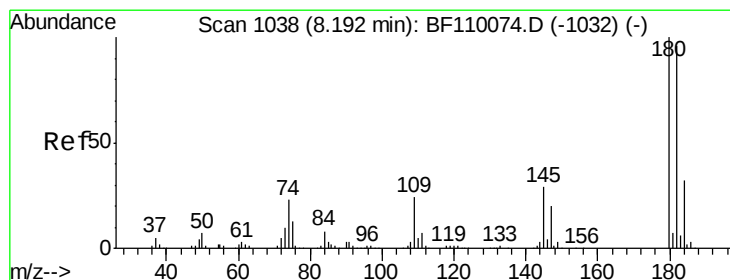
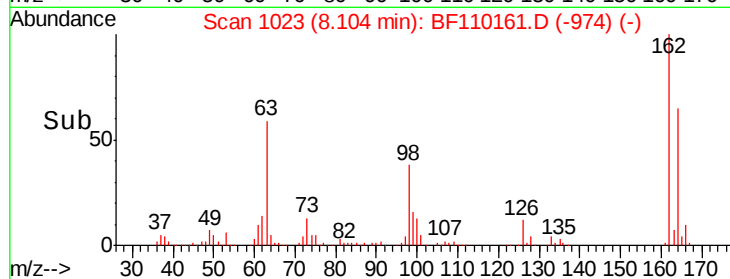
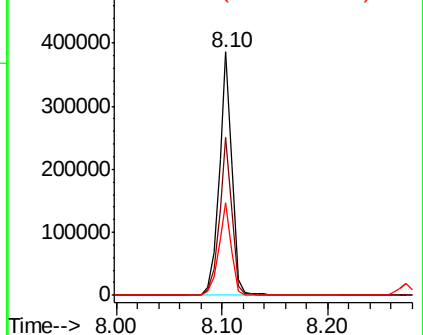


Abundance

Ion 162.00 (161.70 to 162.70): E

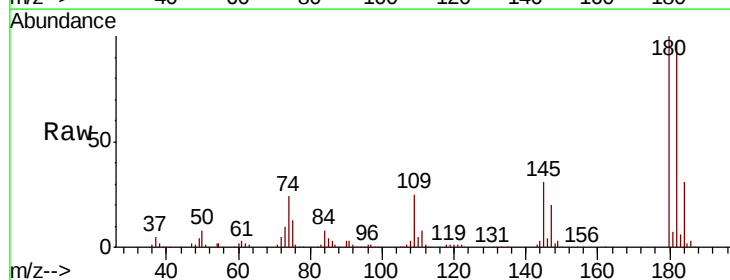
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.859 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	80.3	120.5
145	31.4	25.4	38.0

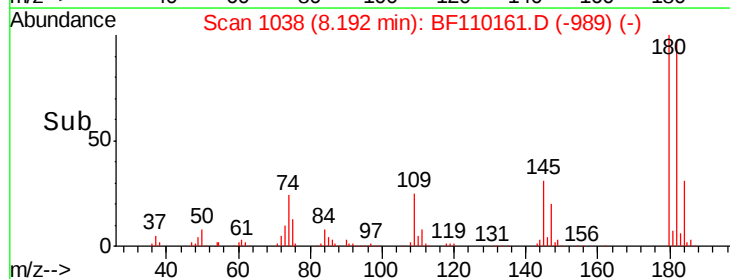
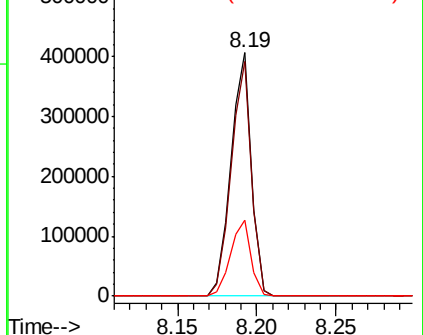


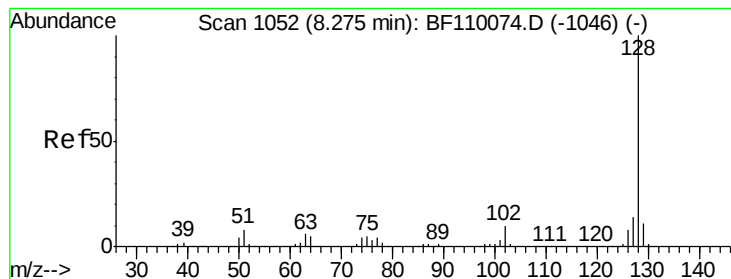
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.660 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

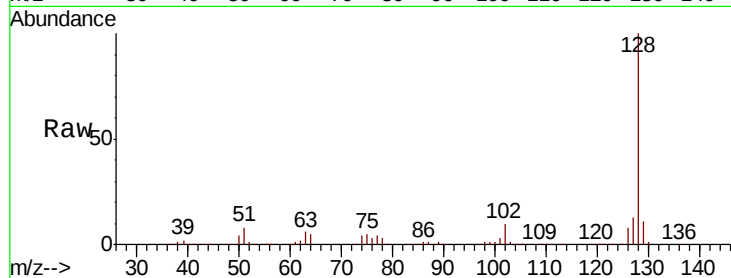
Tot Ion:128 Resp: 1068724

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

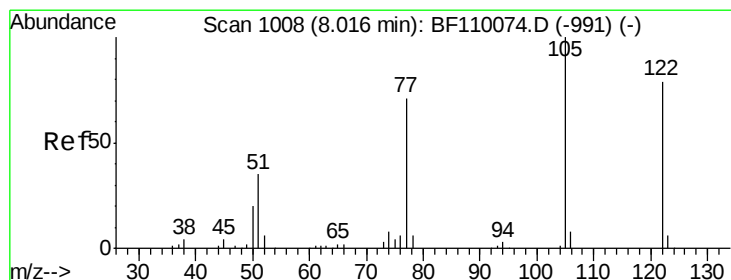
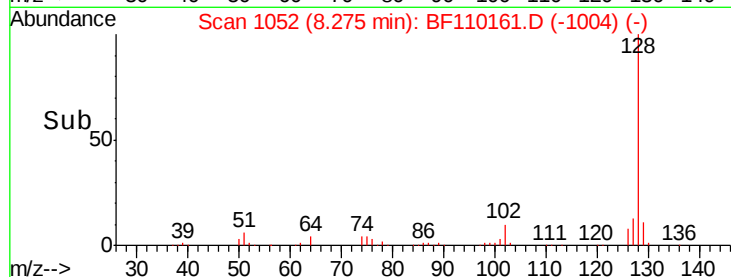
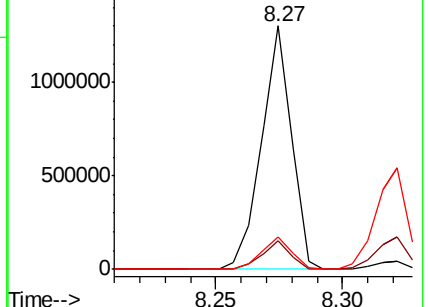
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.188 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

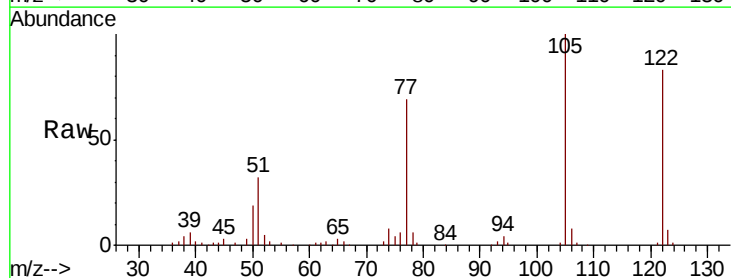
Tgt Ion:122 Resp: 262213

Ion Ratio Lower Upper

122 100

105 120.5 109.0 149.0

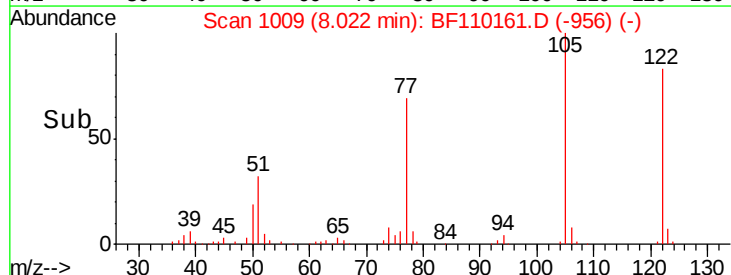
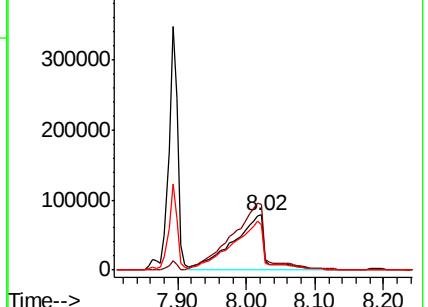
77 83.0 79.0 119.0

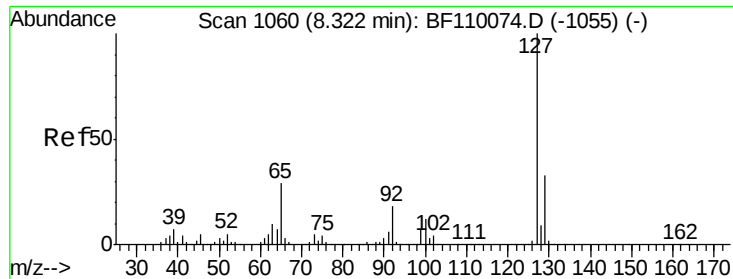


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

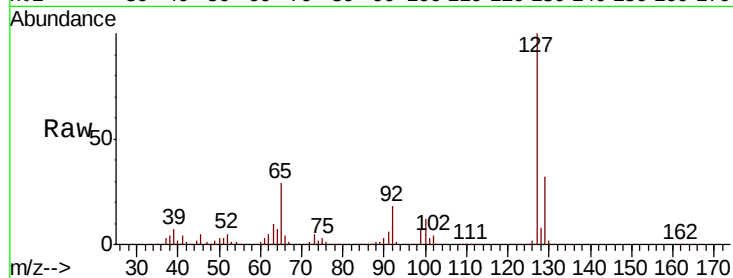




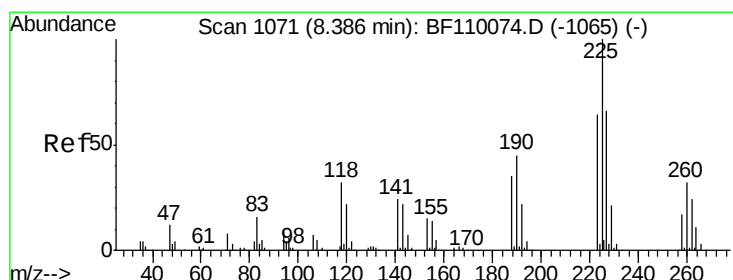
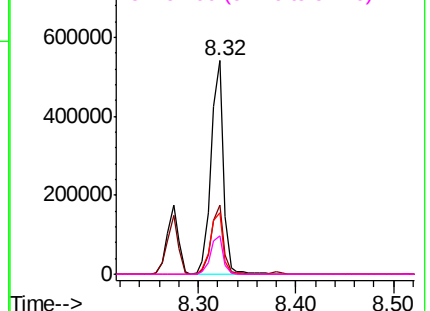
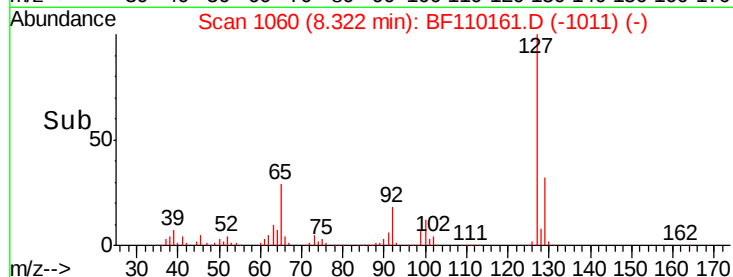
#33
4-Chloroaniline
Concen: 38.465 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	478563
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	28.9	25.1	37.7
92	18.2	15.0	22.6

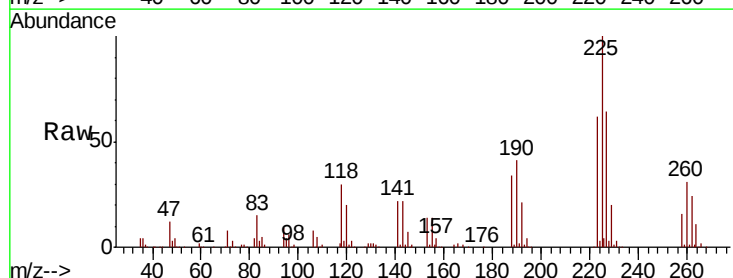


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

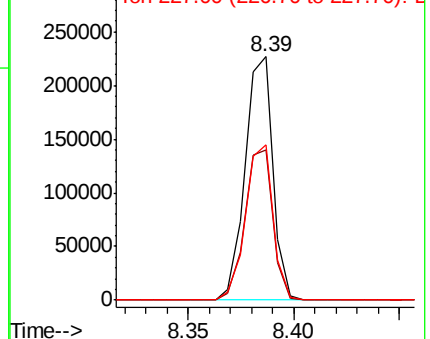
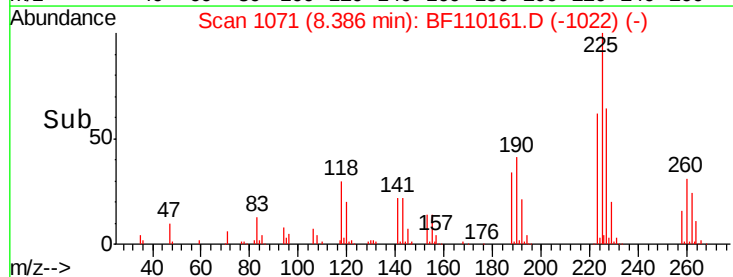


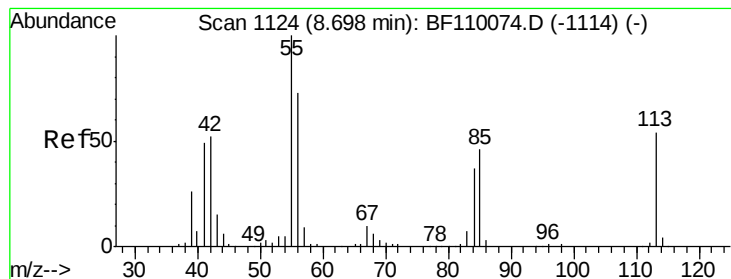
#34
Hexachlorobutadiene
Concen: 39.877 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Tgt Ion:	225	Resp:	206390
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.4	77.2
227	63.7	51.0	76.6



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





#35

Caprolactam

Concen: 39.473 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

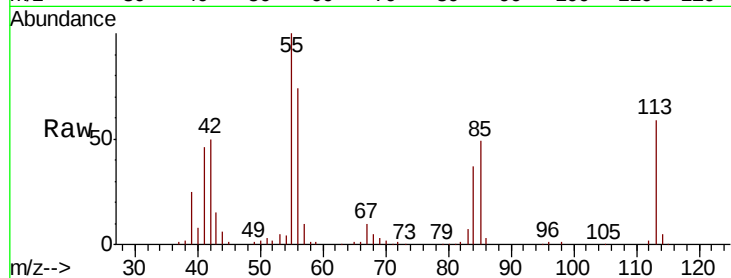
Tot Ion:113 Resp: 114492

Ion Ratio Lower Upper

113 100

55 168.1 142.8 182.8

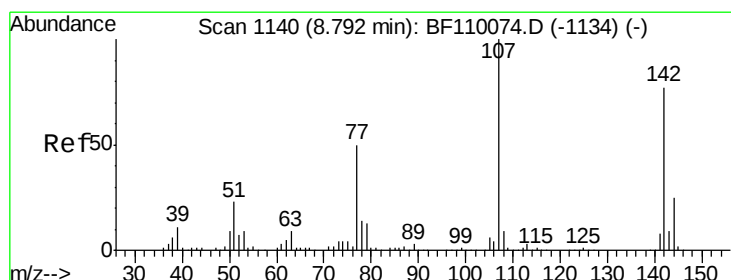
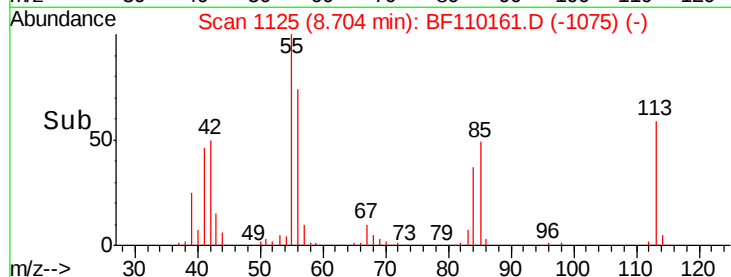
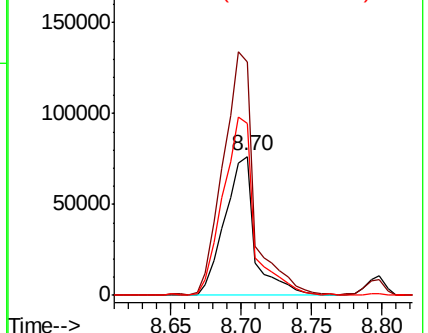
56 123.6 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.222 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

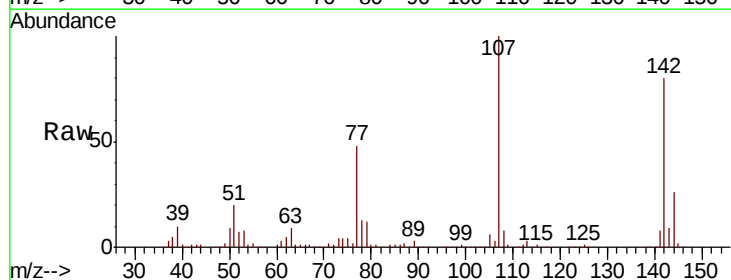
Tgt Ion:107 Resp: 352956

Ion Ratio Lower Upper

107 100

144 25.6 20.0 30.0

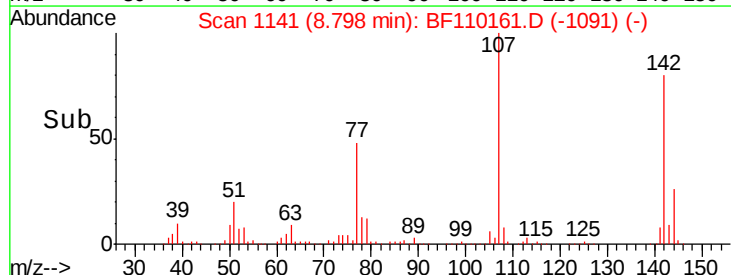
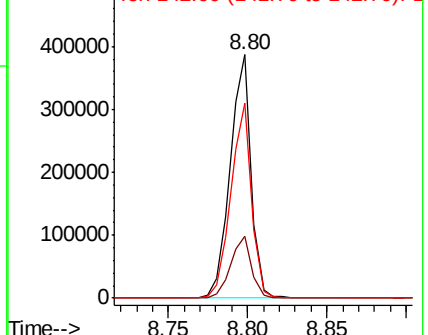
142 79.9 59.7 89.5

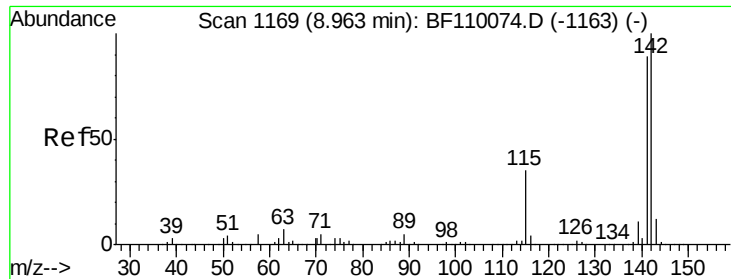


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

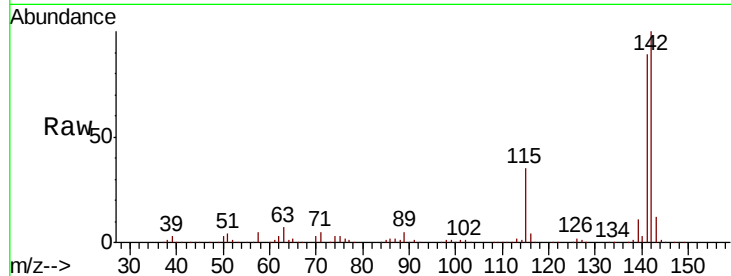




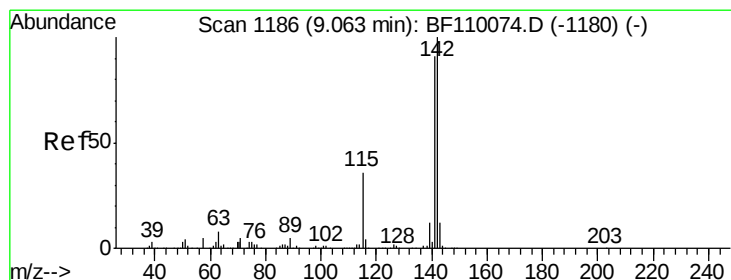
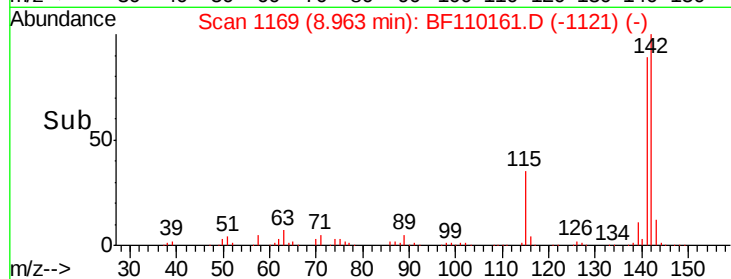
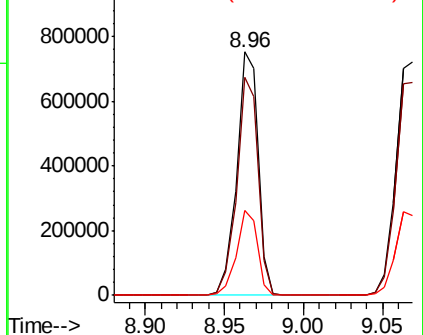
#37
 2-Methylnaphthalene
 Concen: 38.591 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	35.1	28.7	43.1

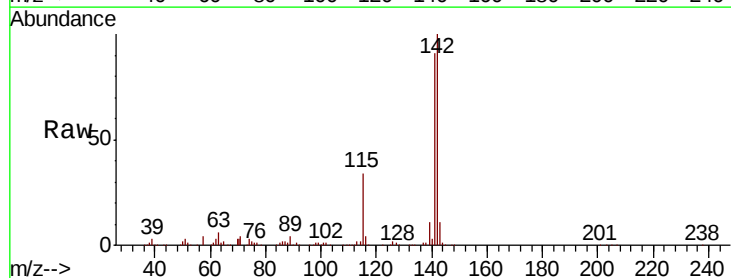


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

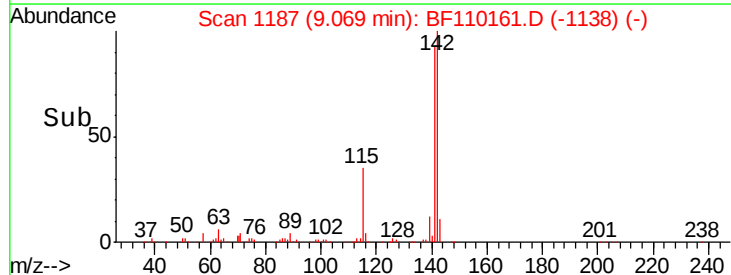
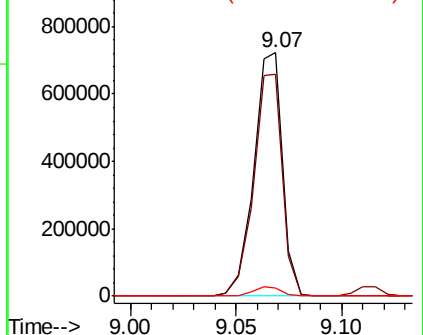


#38
 1-Methylnaphthalene
 Concen: 38.496 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4
116	3.5	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: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

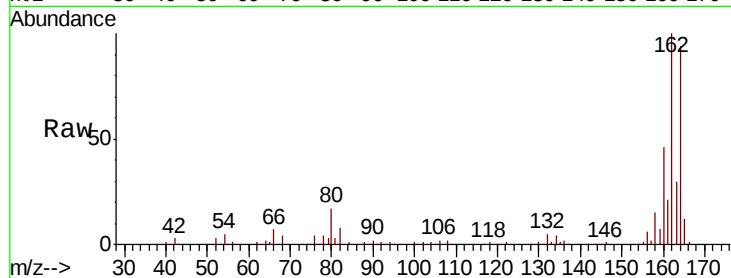
Tot Ion:164 Resp: 288839

Ion Ratio Lower Upper

164 100

162 105.8 83.0 124.6

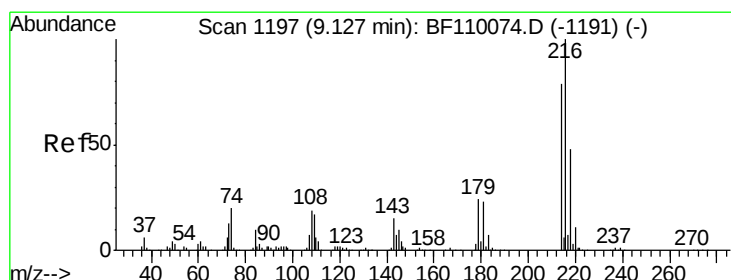
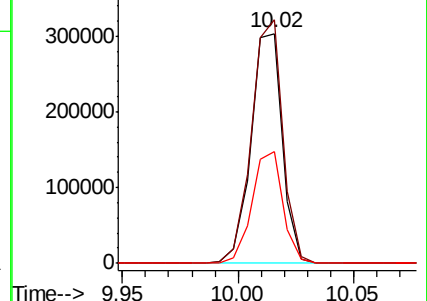
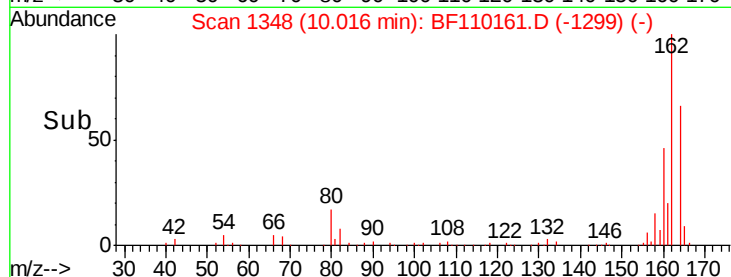
160 48.9 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.350 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Tgt Ion:216 Resp: 345139

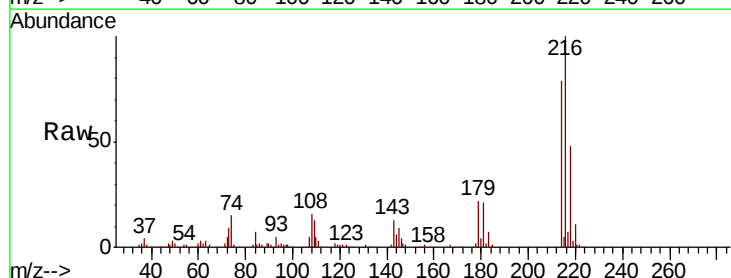
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.6

179 23.3 16.6 25.0

108 20.0 15.1 22.7

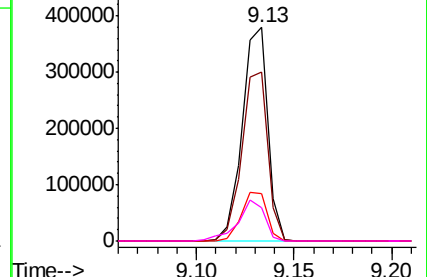
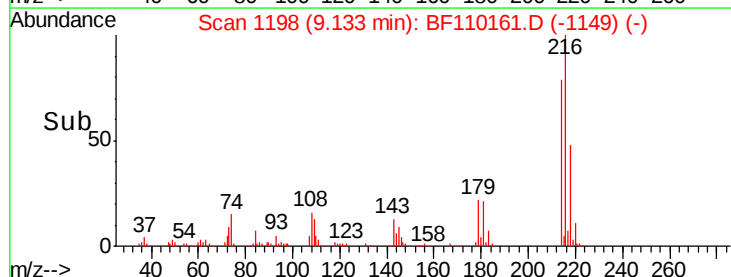


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.660 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

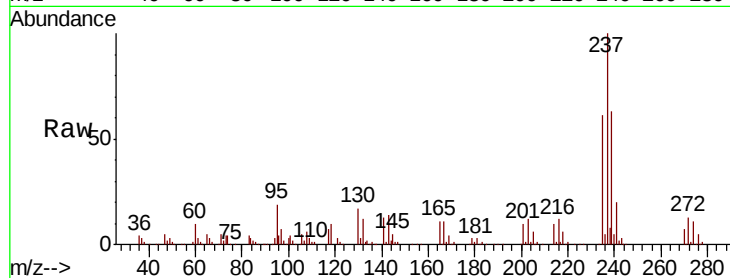
Tot Ion:237 Resp: 182507

Ion Ratio Lower Upper

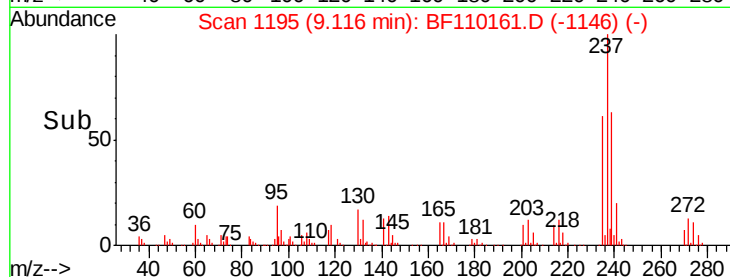
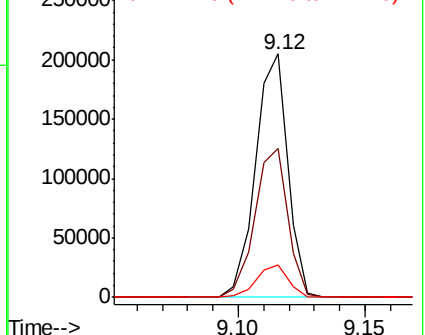
237 100

235 61.2 43.1 83.1

272 13.5 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: 78.293 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

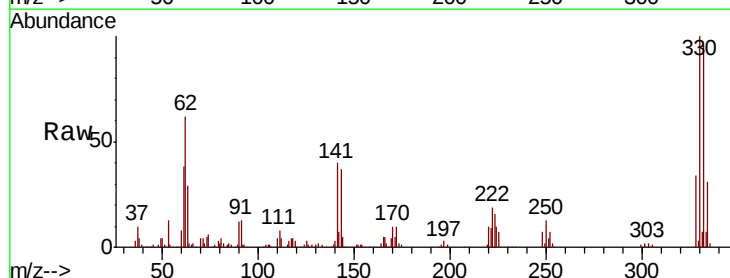
Tgt Ion:330 Resp: 224006

Ion Ratio Lower Upper

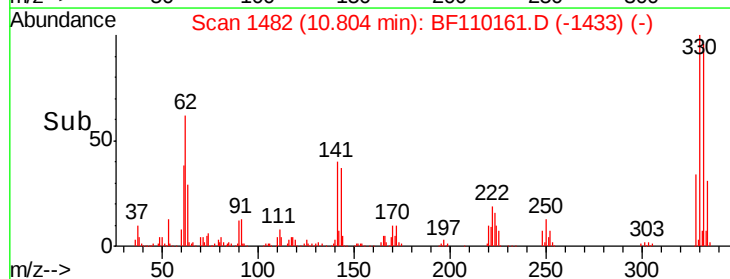
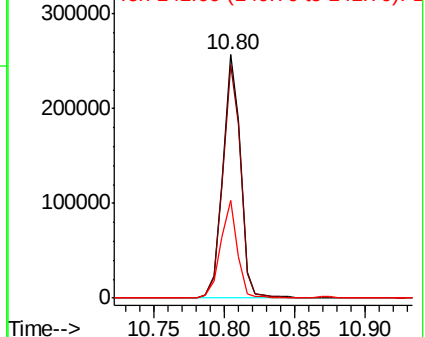
330 100

332 96.7 77.1 115.7

141 37.9 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

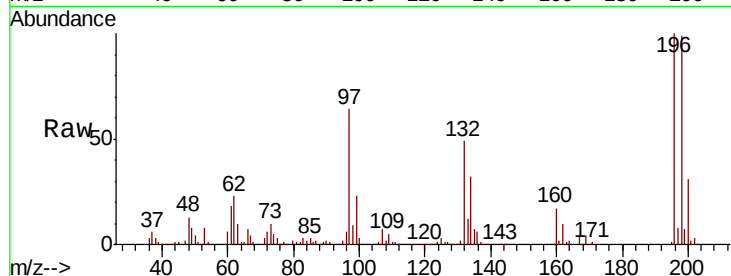




#43
 2,4,6-Trichlorophenol
 Concen: 39.568 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	229680
Ion Ratio	Lower	Upper	
196	100		
198	98.8	76.2	114.4
200	31.4	24.4	36.6

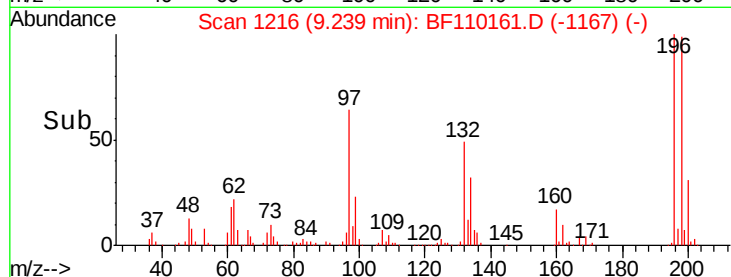
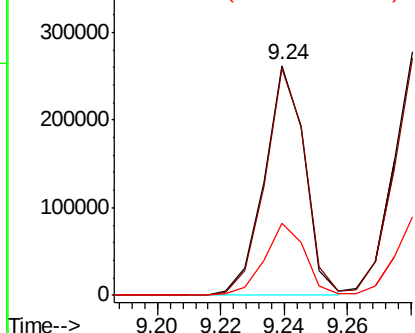


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.705 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Tgt Ion	196	Resp	243618
Ion Ratio	Lower	Upper	
196	100		
198	97.6	75.8	113.6
97	54.4	42.4	63.6
132	31.6	22.8	34.2

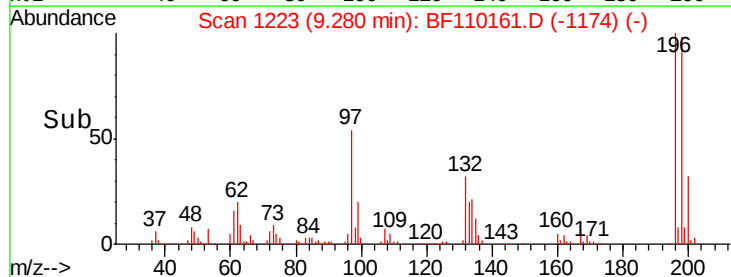
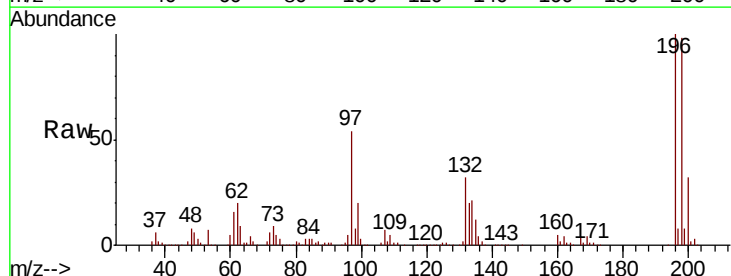
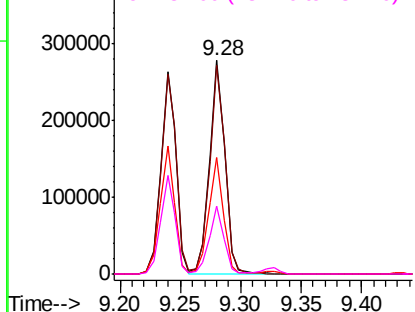
Abundance

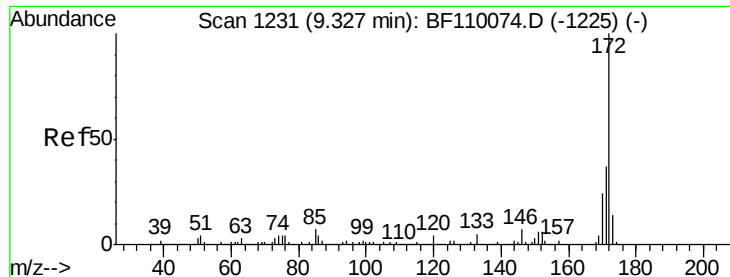
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



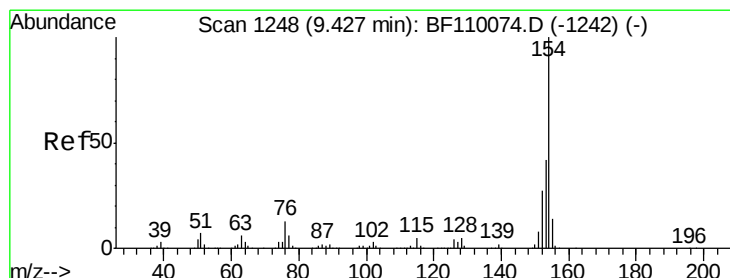
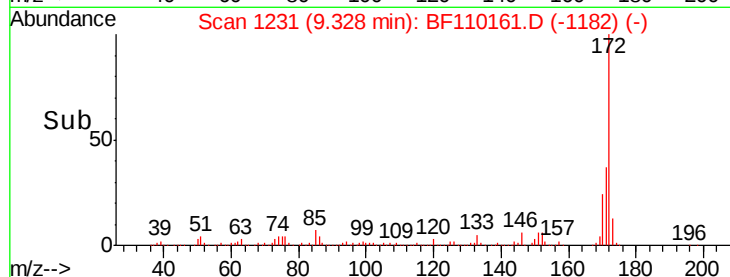
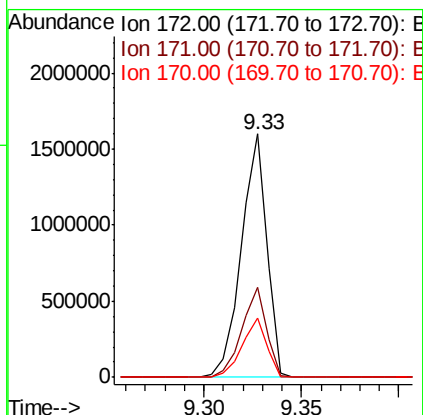
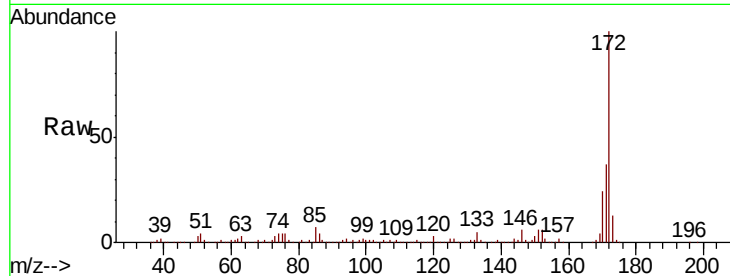


#45
 2-Fluorobiphenyl
 Concen: 78.436 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1442787

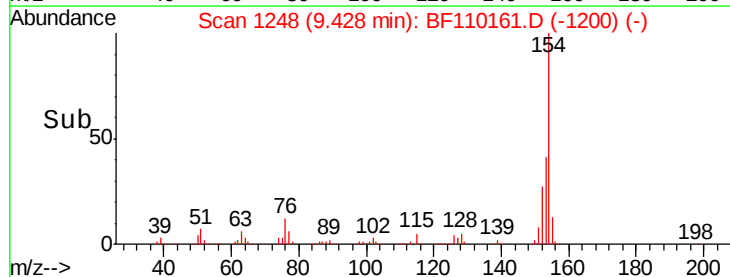
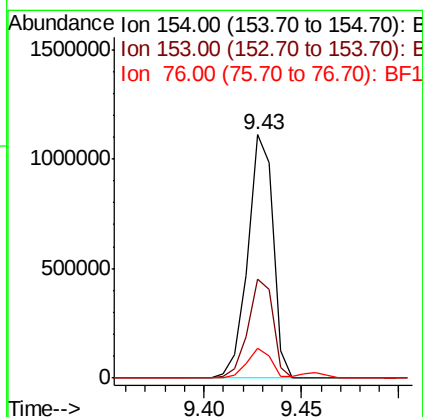
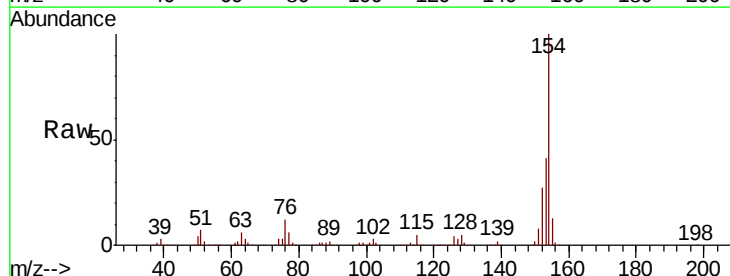
Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	43.0
170	24.4	19.7	29.5

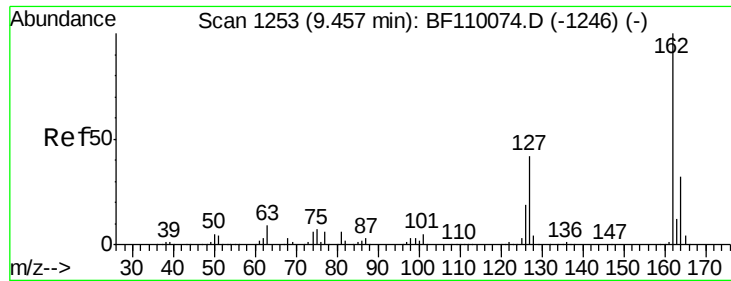


#46
 1,1'-Biphenyl
 Concen: 38.138 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.02 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Tgt Ion:154 Resp: 996151

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	12.5	0.0	31.9

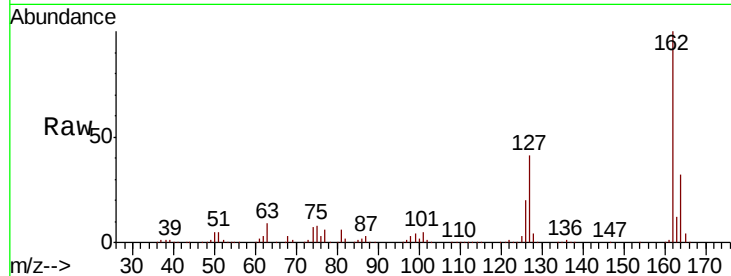




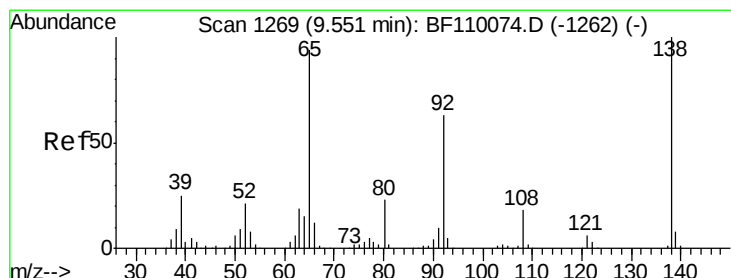
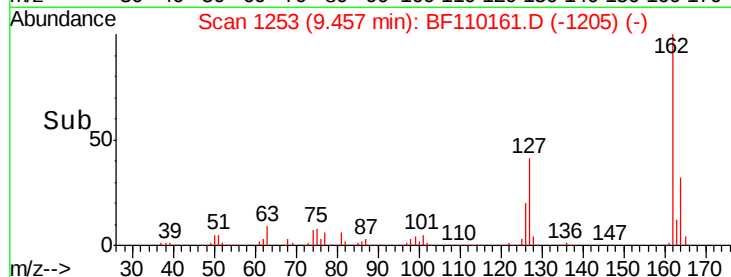
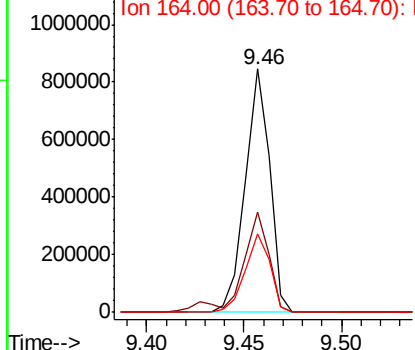
#47
 2-Chloronaphthalene
 Concen: 38.526 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.6	48.8
164	32.5	25.9	38.9

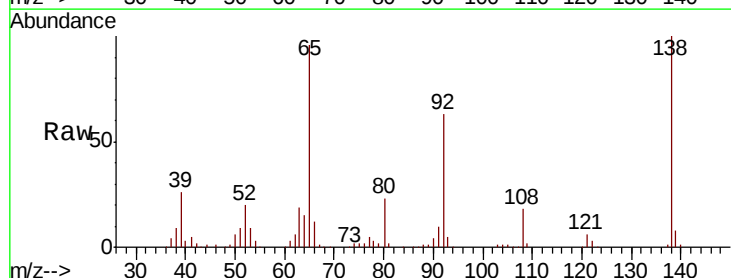


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

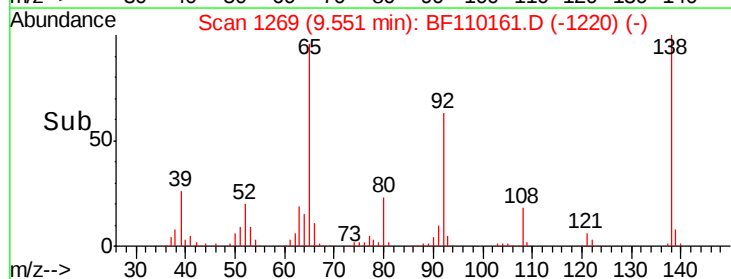
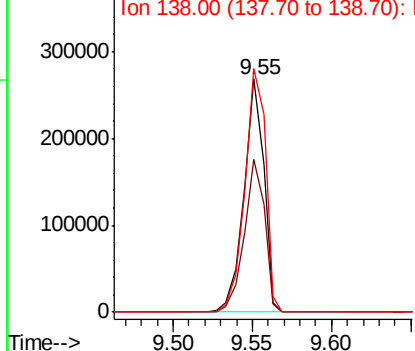


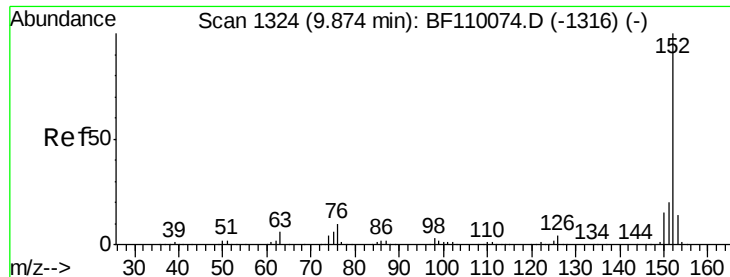
#48
 2-Nitroaniline
 Concen: 40.045 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	54.6	81.8
138	104.6	80.3	120.5



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





#49

Acenaphthylene

Concen: 38.433 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

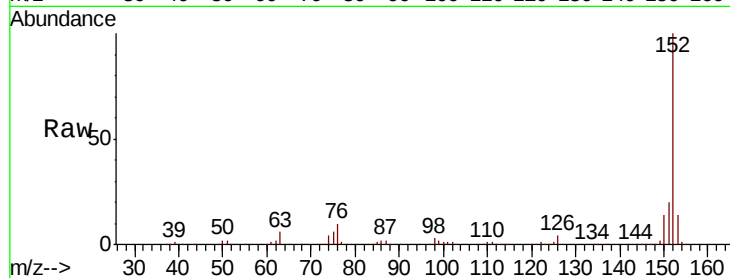
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1063546

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	14.2	10.4	15.6

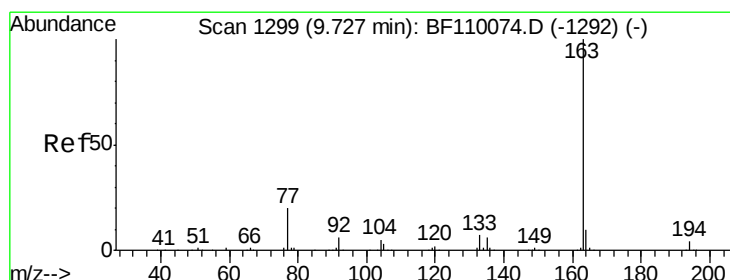
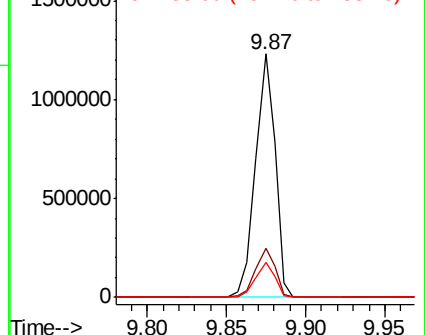
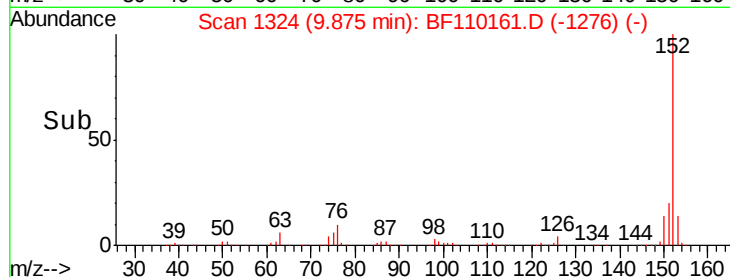


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.147 ng

RT: 9.73 min Scan# 1299

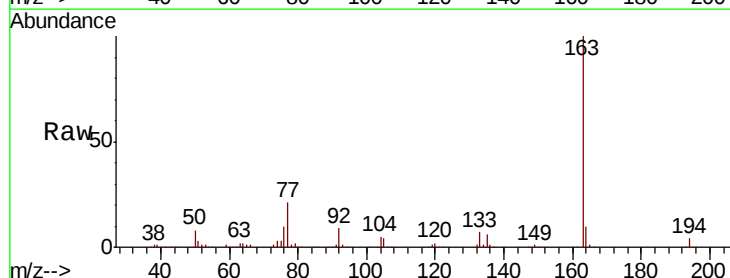
Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Tgt Ion:163 Resp: 813344

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.5	8.1	12.1

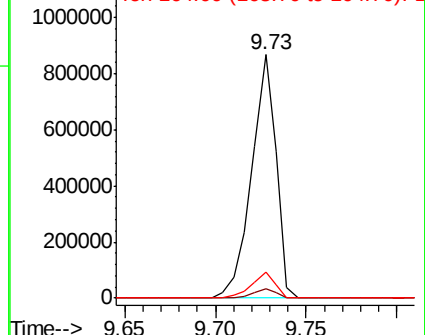
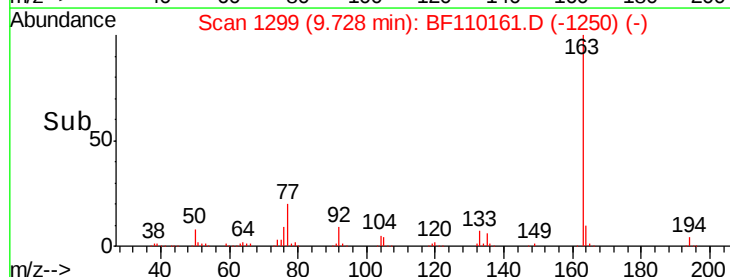


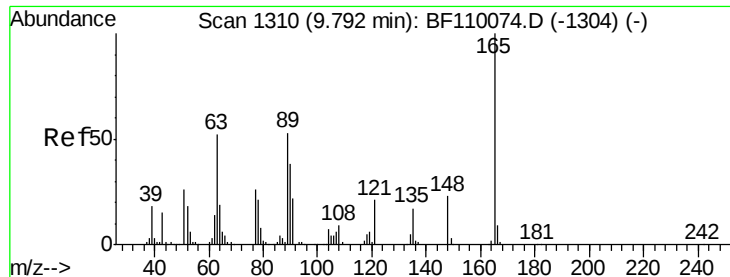
Abundance

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: 40.923 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

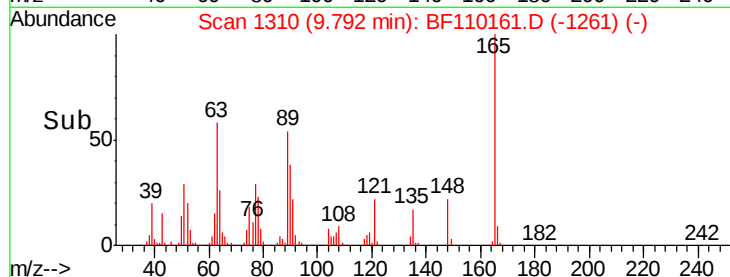
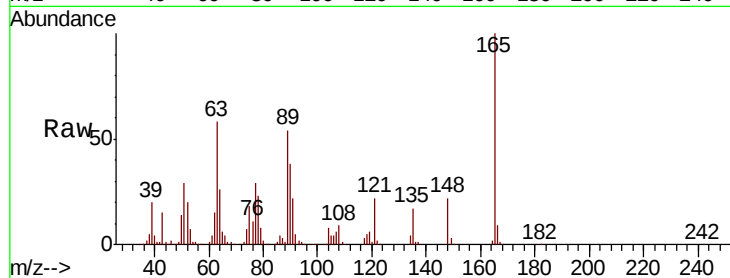
Tot Ion:165 Resp: 187947

Ion Ratio Lower Upper

165 100

63 58.1 48.9 73.3

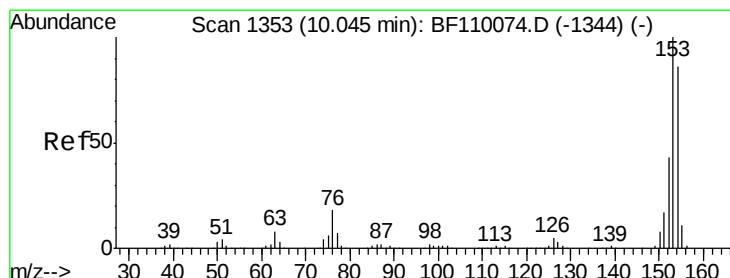
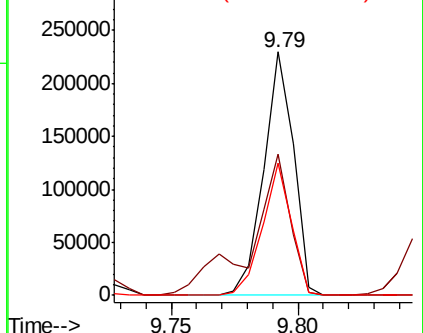
89 54.5 46.6 69.8



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: 38.421 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

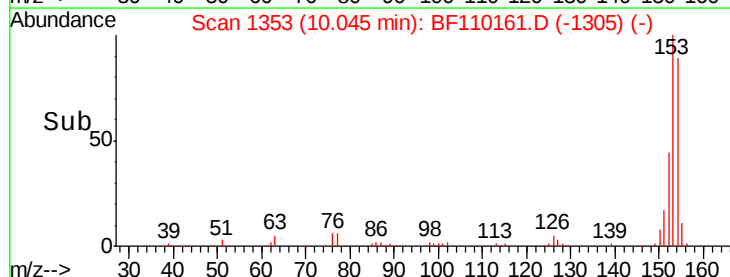
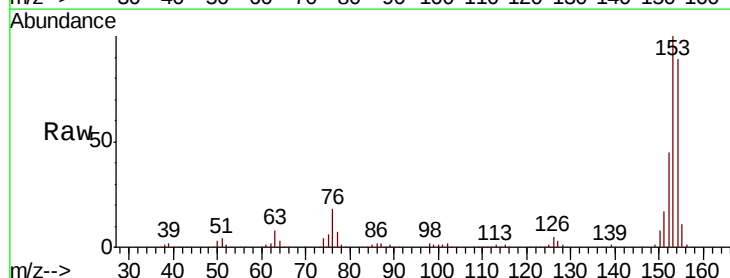
Tgt Ion:154 Resp: 703382

Ion Ratio Lower Upper

154 100

153 112.6 90.1 135.1

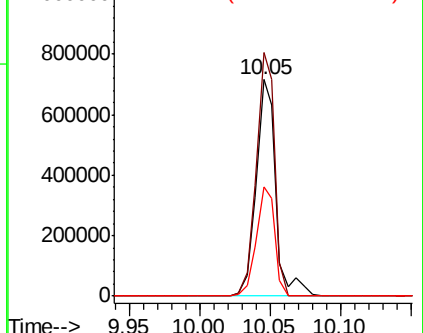
152 50.8 43.4 65.2

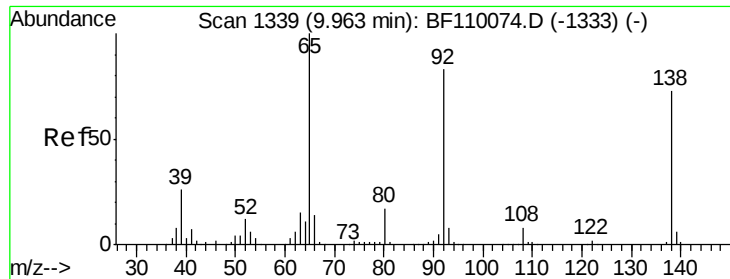


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

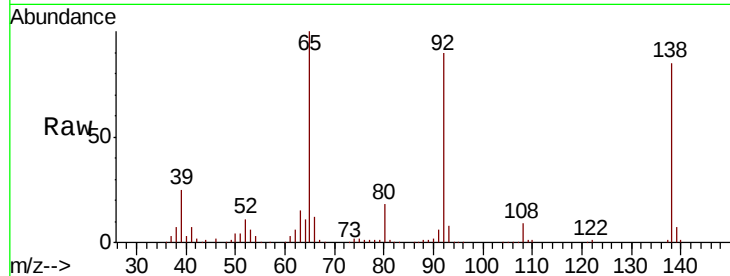




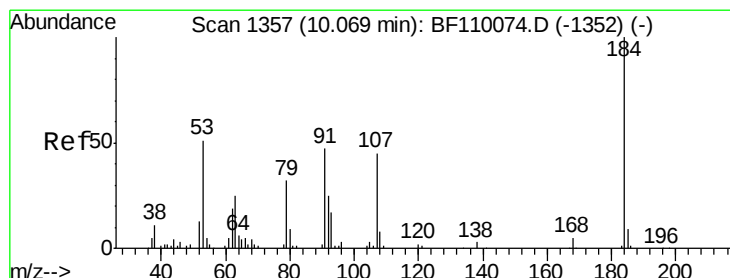
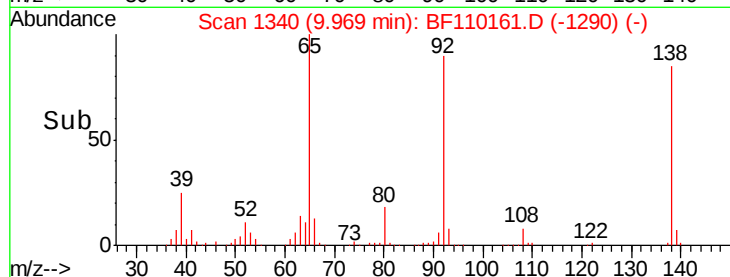
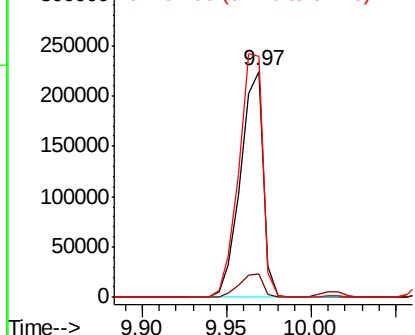
#53
3-Nitroaniline
Concen: 38.813 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 211980
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 106.9 97.0 145.4

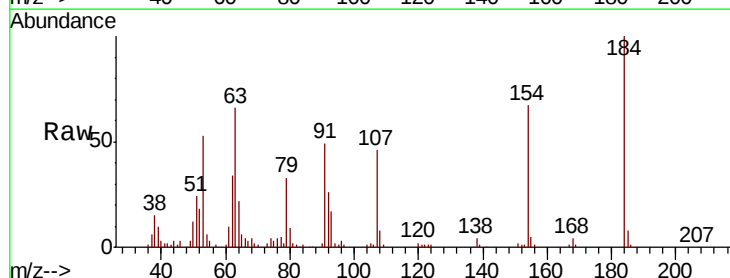


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

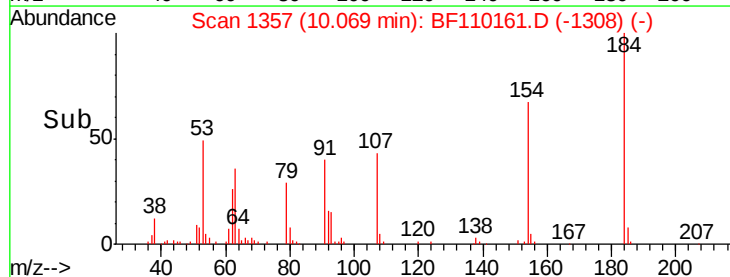
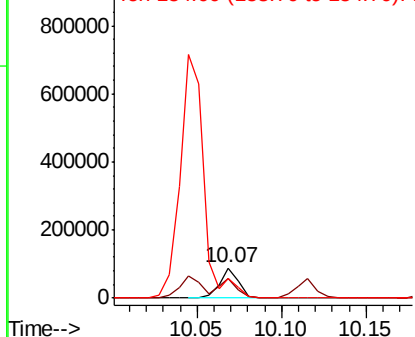


#54
2,4-Dinitrophenol
Concen: 40.789 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Tgt Ion:184 Resp: 69405
Ion Ratio Lower Upper
184 100
63 65.9 55.8 83.6
154 67.1 63.2 94.8



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

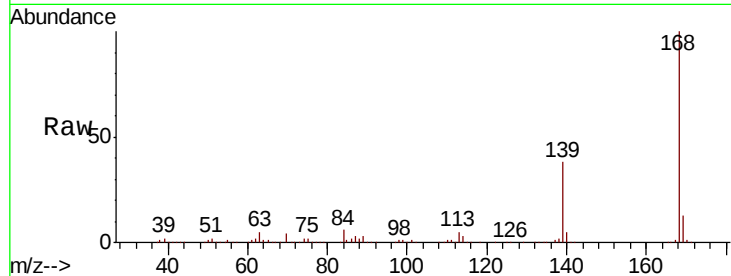




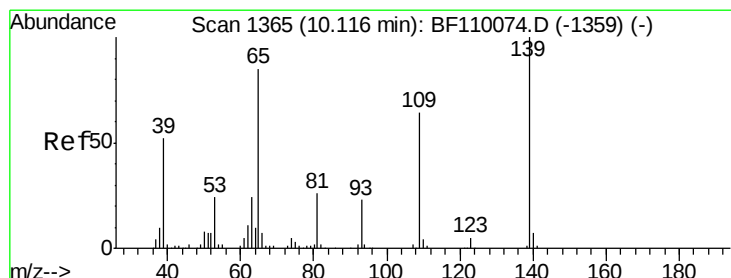
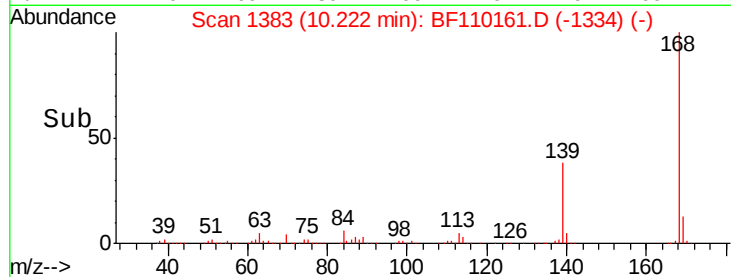
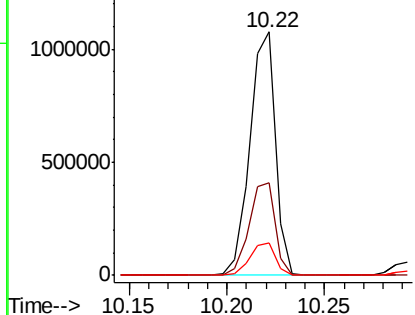
#55
Dibenzenofuran
Concen: 38.081 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 976074
Ion Ratio Lower Upper
168 100
139 38.0 33.0 49.6
169 13.4 11.3 16.9

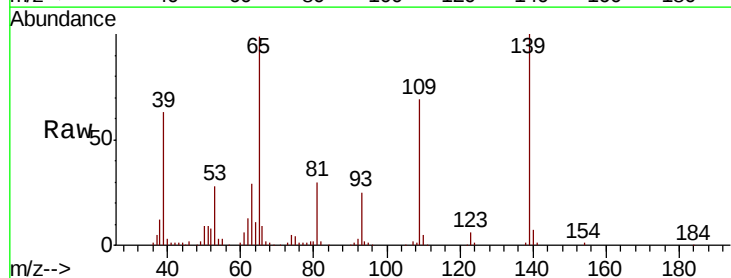


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

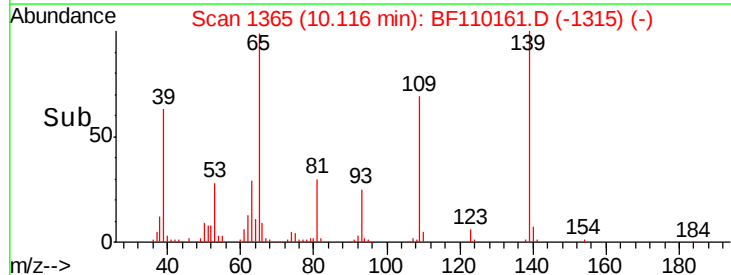
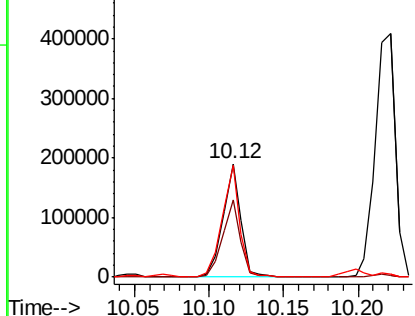


#56
4-Nitrophenol
Concen: 40.141 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Tgt Ion:139 Resp: 162258
Ion Ratio Lower Upper
139 100
109 68.7 55.8 95.8
65 98.6 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

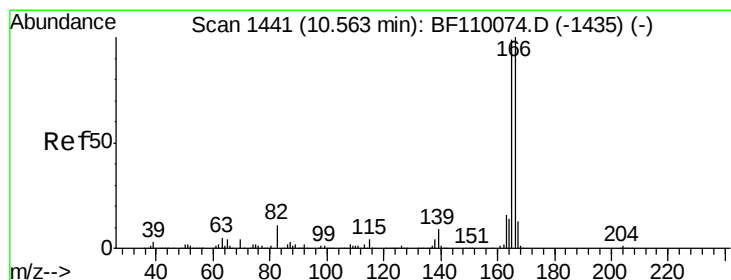
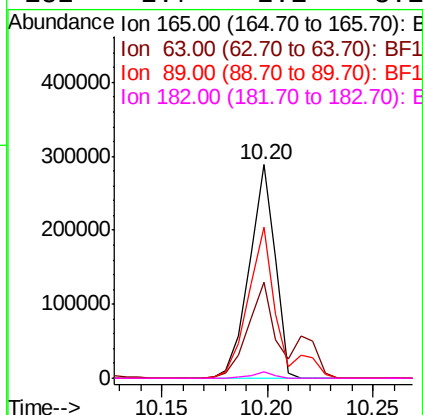
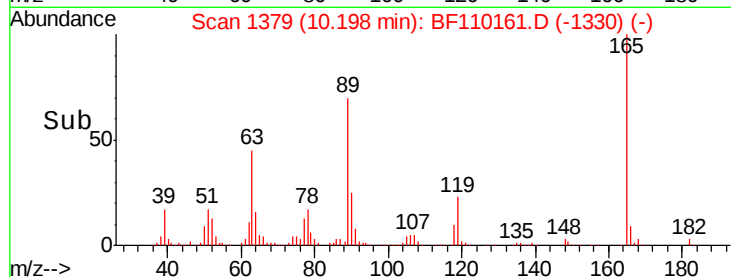
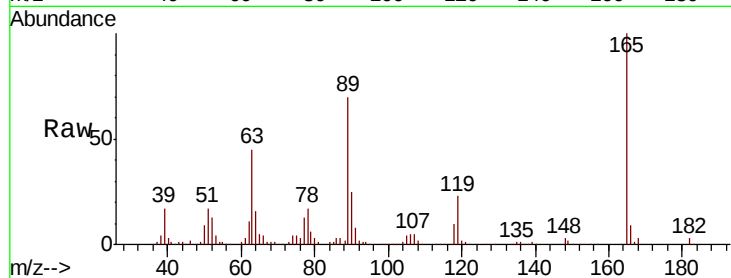




#57
2,4-Dinitrotoluene
Concen: 42.193 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

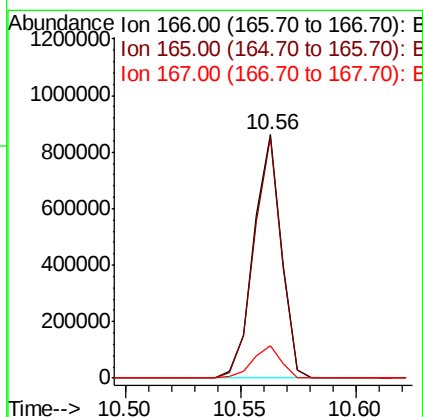
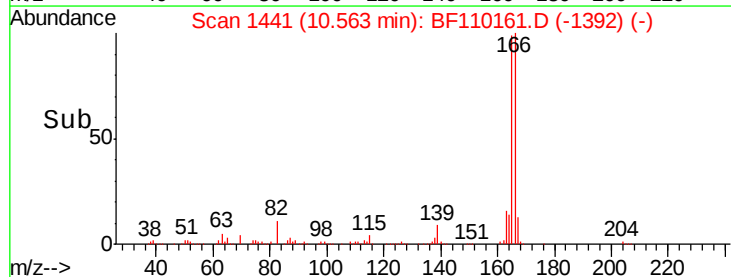
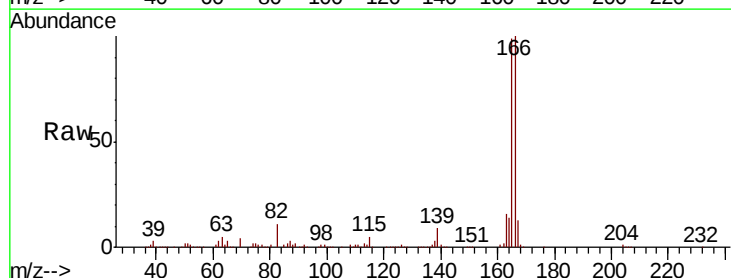
Instrument :
BNA_F
ClientSampled :

Tot Ion:	165	Resp:	246137
Ion	Ratio	Lower	Upper
165	100		
63	45.2	44.8	67.2
89	70.5	62.2	93.4
182	2.7	2.1	3.1



#58
Fluorene
Concen: 37.796 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Tgt Ion:	166	Resp:	721007
Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.2	10.8	16.2

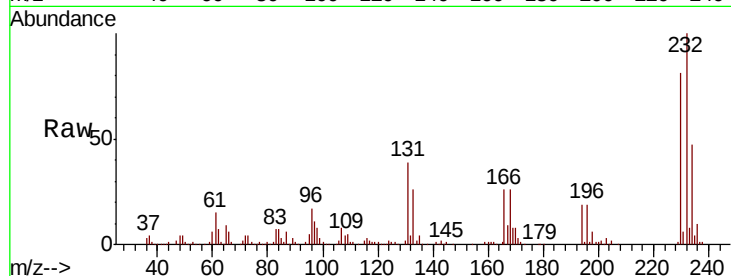




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.146 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.05 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
232	100			
131	43.0	37.0	55.4	
130	2.2	1.8	2.6	
166	26.3	22.0	33.0	



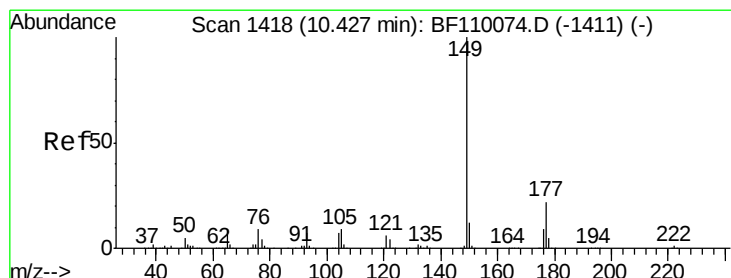
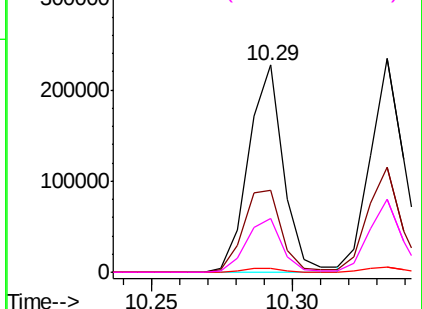
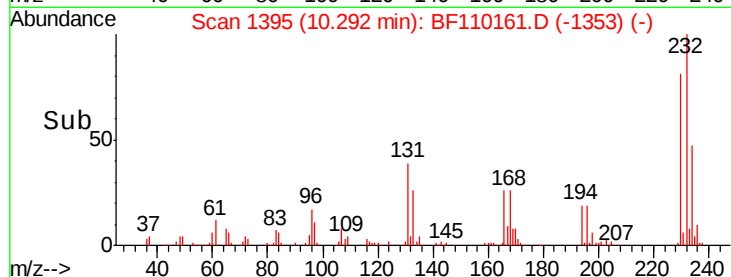
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

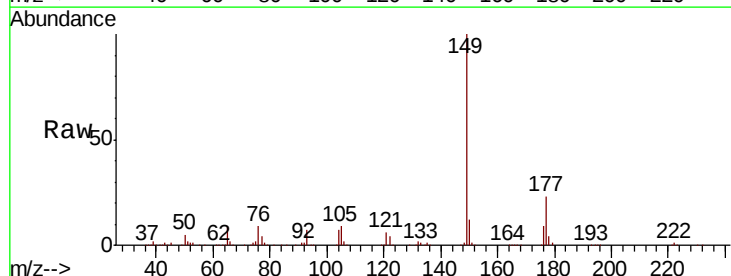
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.527 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
177	22.8	17.4	26.2	
150	12.2	9.8	14.8	

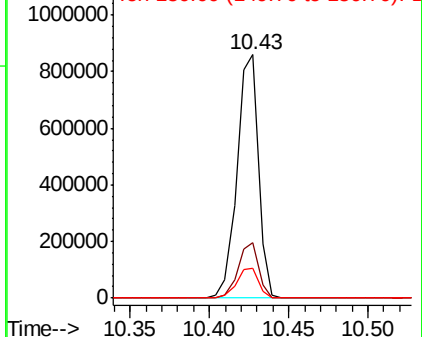
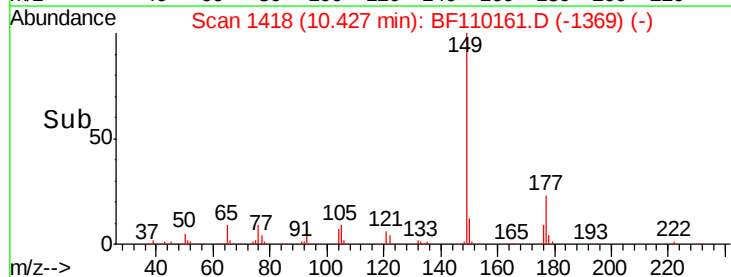


Abundance

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: 38.063 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

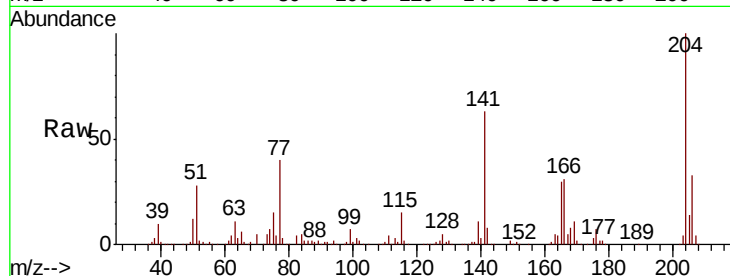
Tot Ion:204 Resp: 383033

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

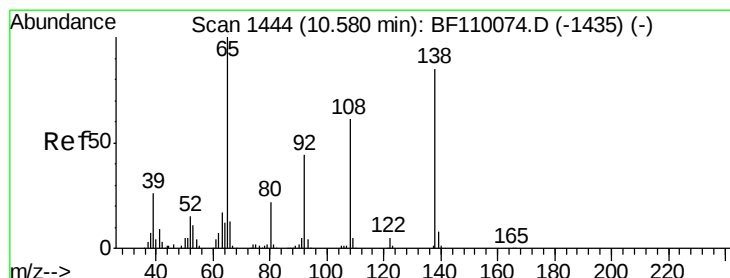
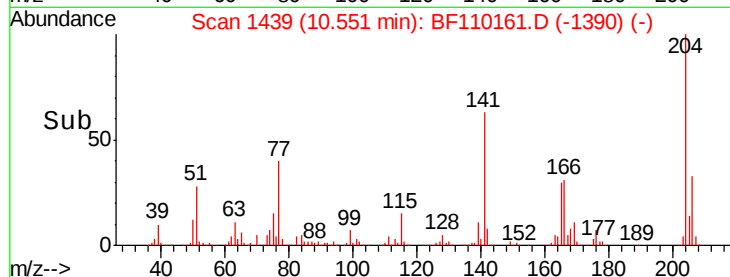
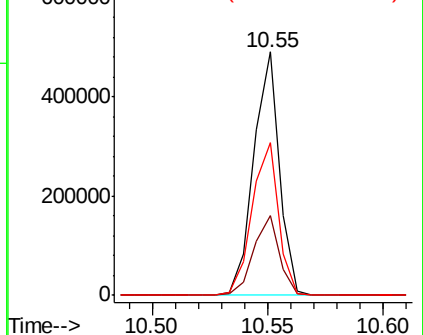
141 62.5 51.8 77.8



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: 39.142 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

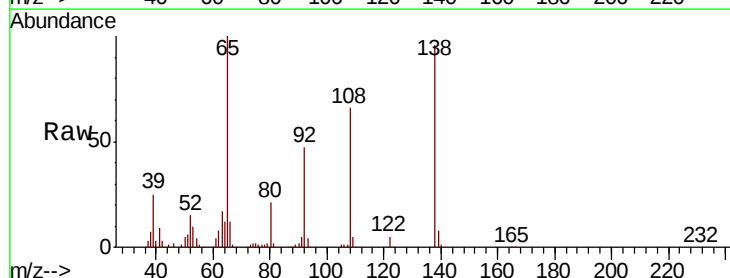
Tgt Ion:138 Resp: 212623

Ion Ratio Lower Upper

138 100

92 48.7 31.7 71.7

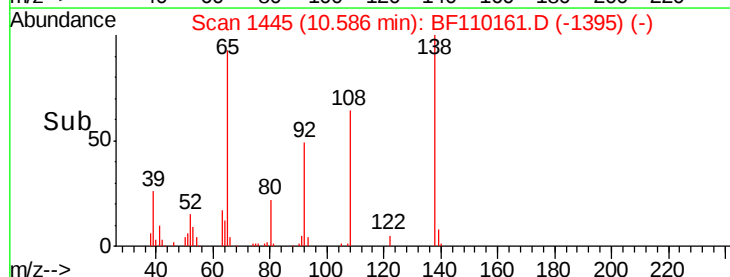
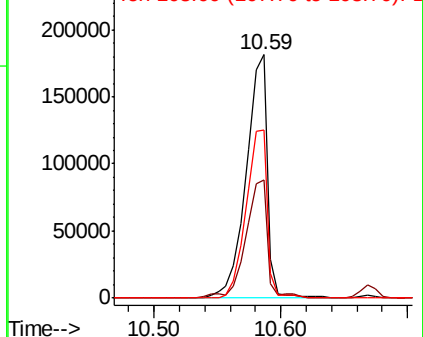
108 68.9 59.3 99.3

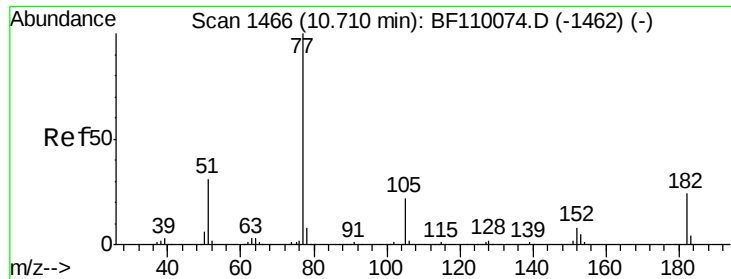


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.994 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 784922

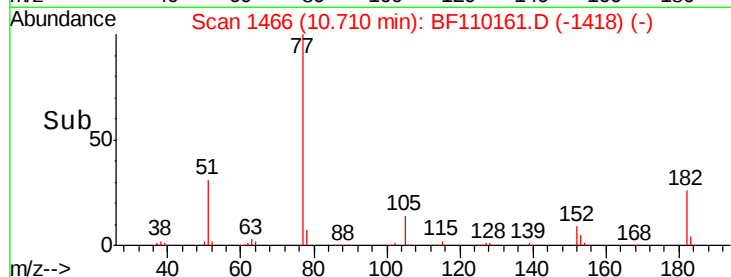
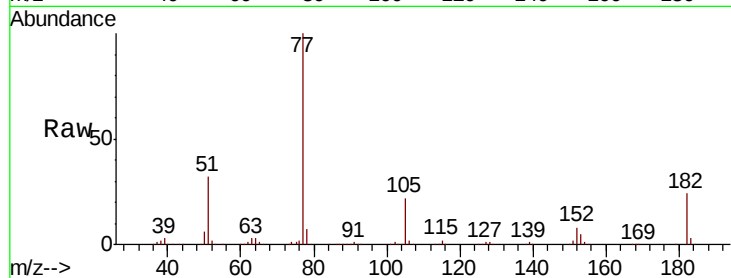
Ion Ratio Lower Upper

77 100

182 24.5 4.3 44.3

105 22.2 1.3 41.3

51 31.7 9.0 49.0

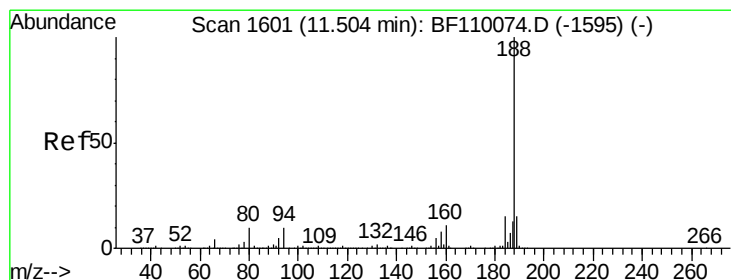
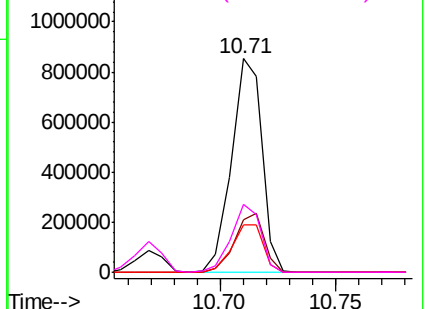


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

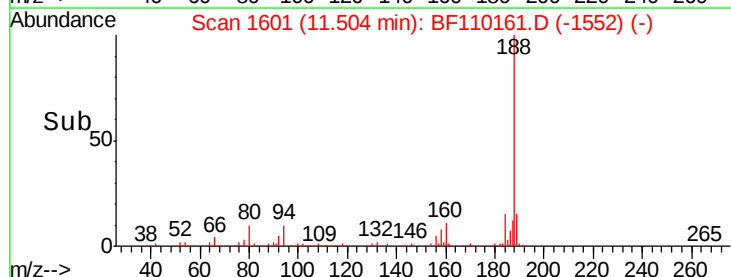
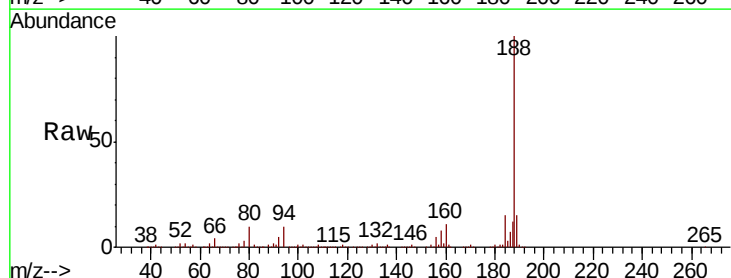
Tgt Ion: 188 Resp: 541782

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

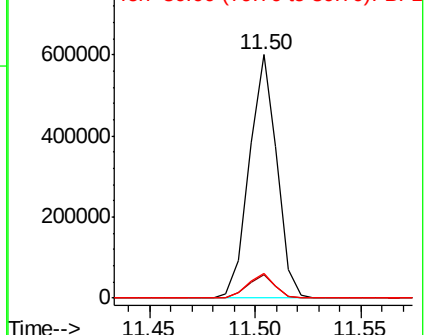
80 10.2 7.9 11.9

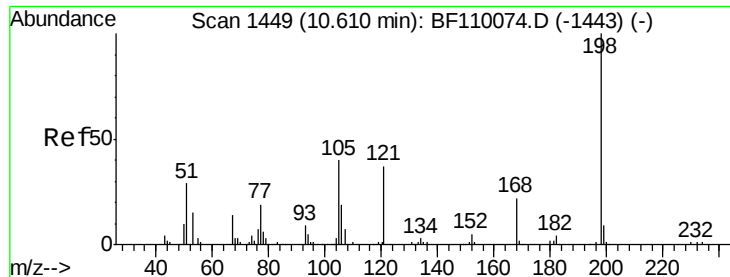


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

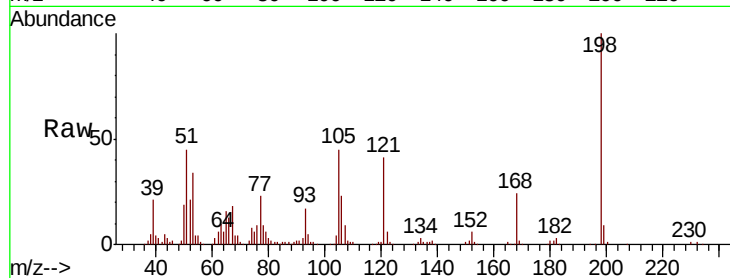




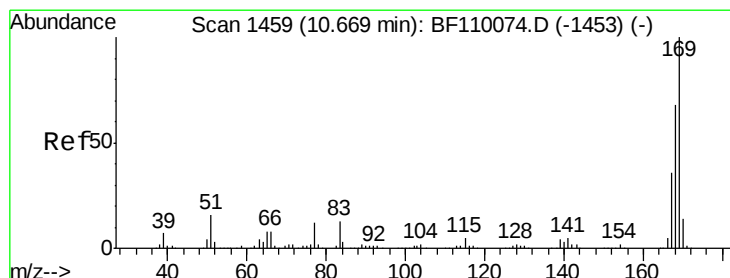
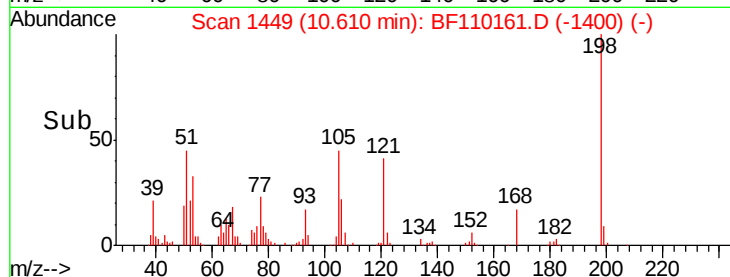
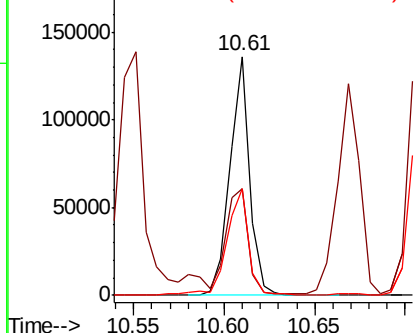
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.739 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.7	22.8	62.8
105	44.8	23.6	63.6

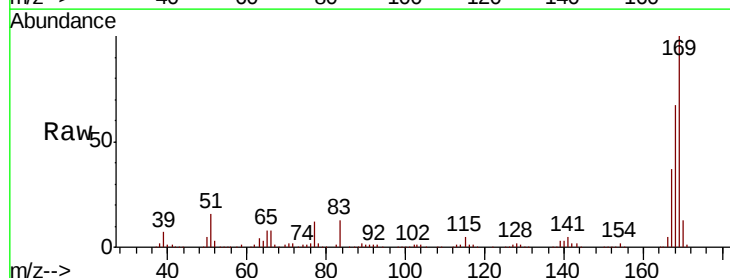


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

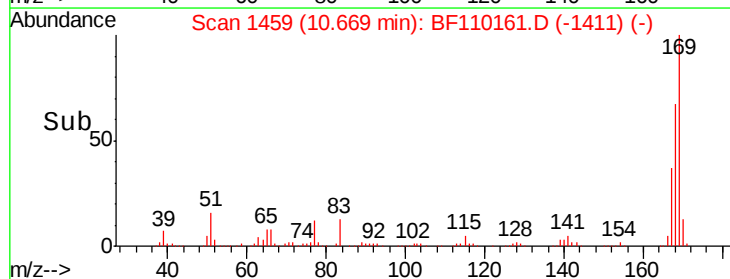
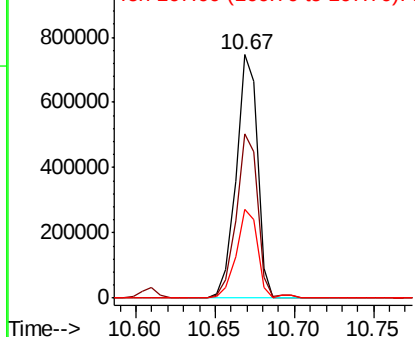


#66
 n-Nitrosodiphenylamine
 Concen: 39.165 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	51.2	76.8
167	36.5	27.8	41.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

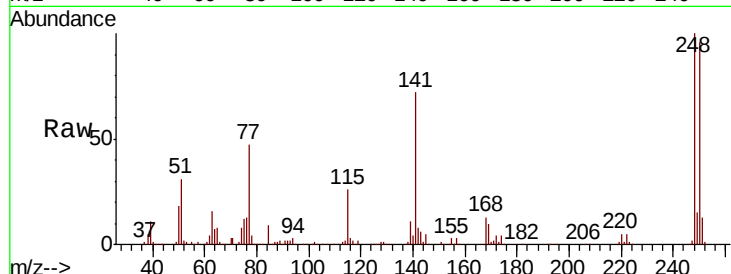




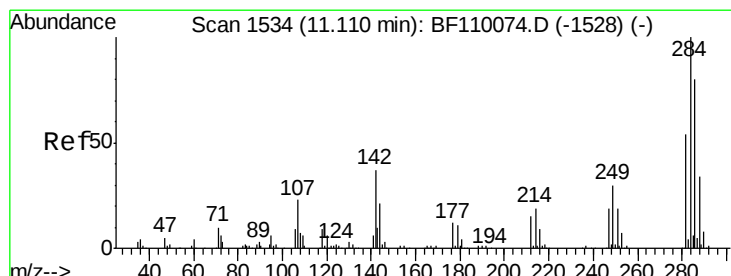
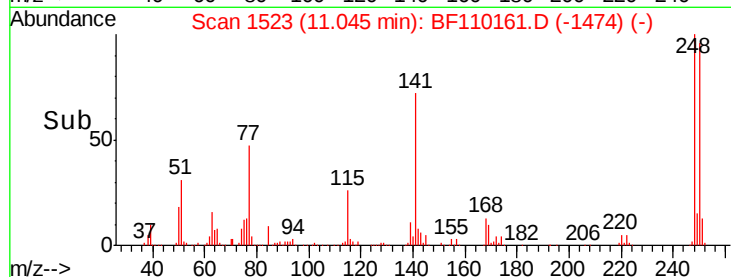
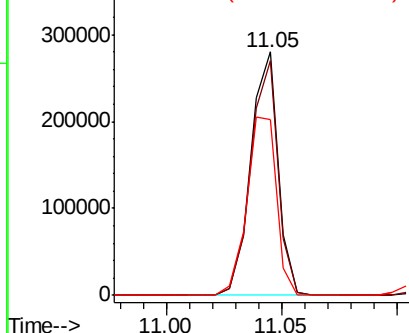
#67
4-Bromophenyl-phenylether
Concen: 39.451 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 231845
Ion Ratio Lower Upper
248 100
250 96.4 79.4 119.2
141 72.3 55.9 83.9

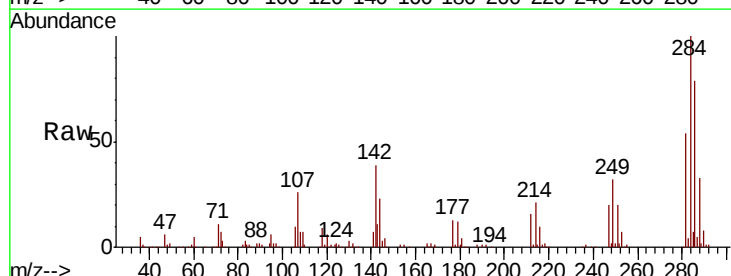


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

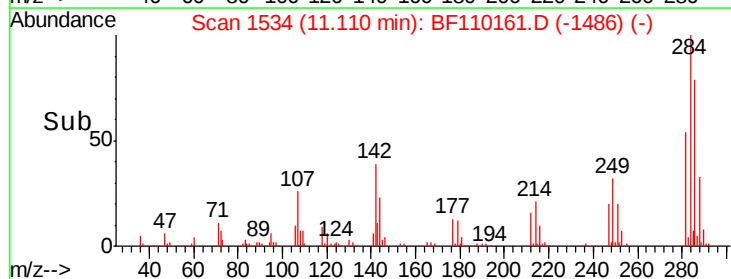
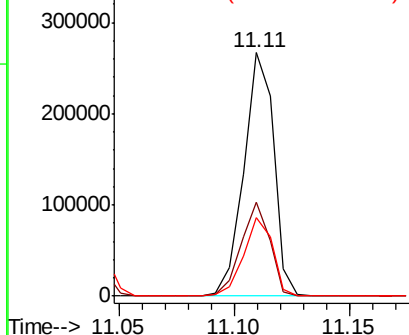


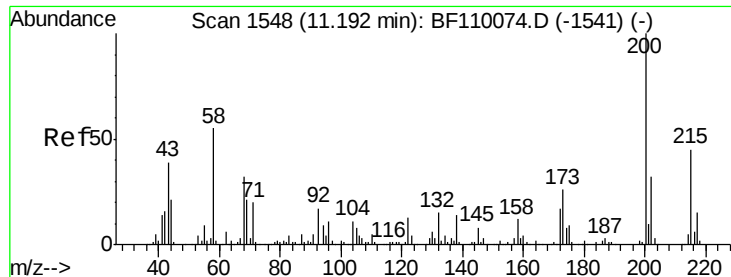
#68
Hexachlorobenzene
Concen: 38.807 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Tgt Ion:284 Resp: 241980
Ion Ratio Lower Upper
284 100
142 38.7 23.9 35.9#
249 32.4 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

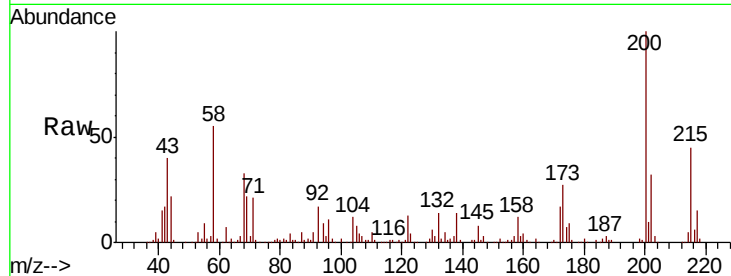




#69
Atrazine
Concen: 39.594 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.6	46.6
215	45.0	26.3	66.3

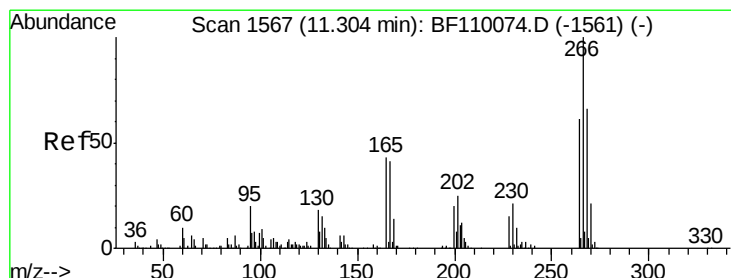
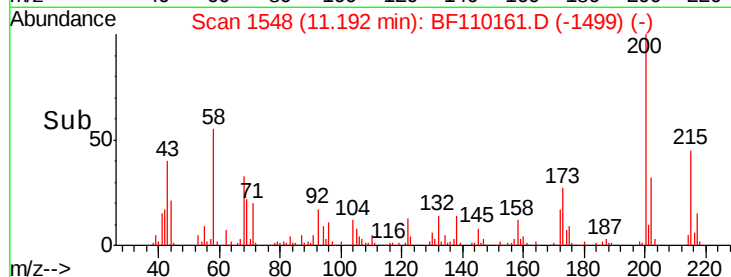
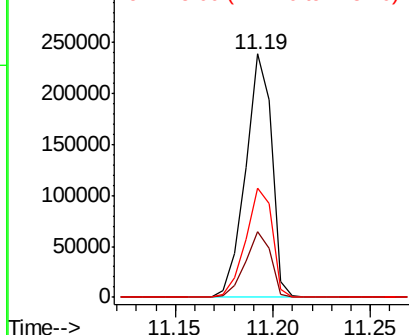


Abundance

Ion 200.00 (199.70 to 200.70): E

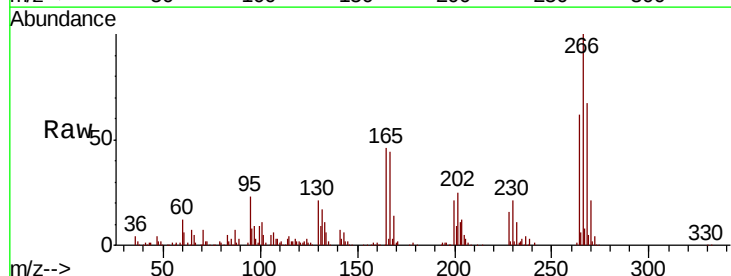
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 42.433 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	50.6	75.8
264	61.8	50.6	75.8

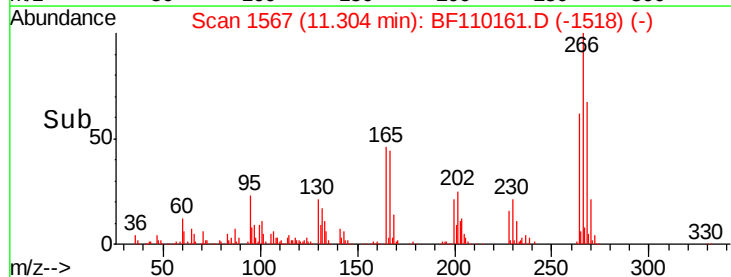
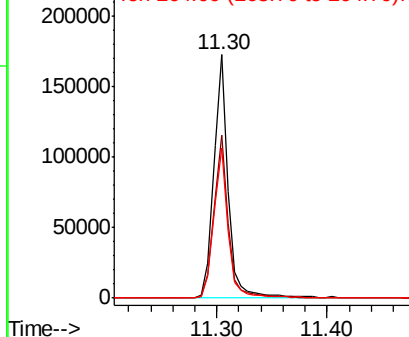


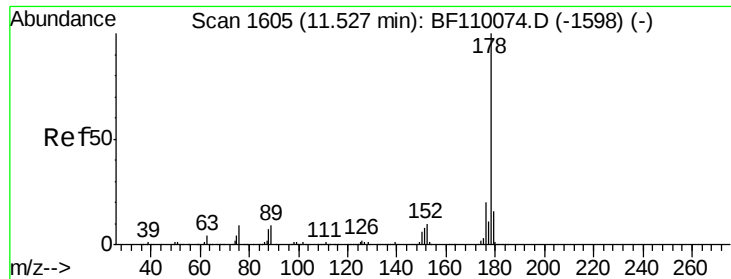
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.146 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

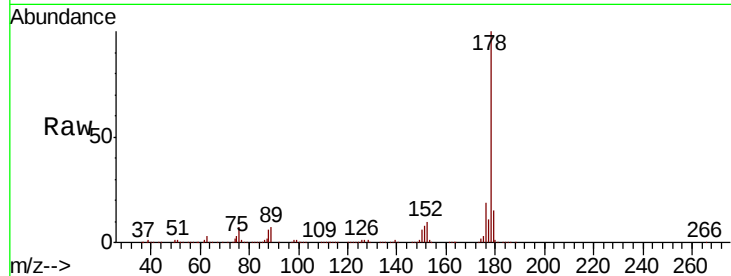
Tot Ion:178 Resp: 1081375

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

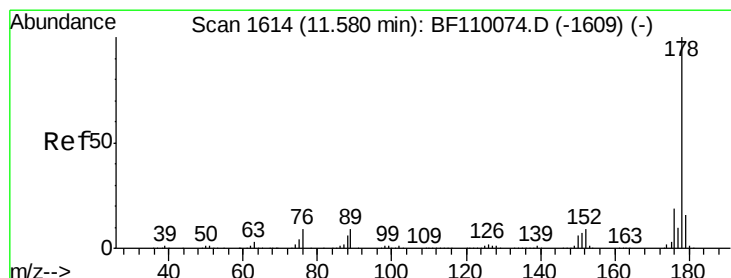
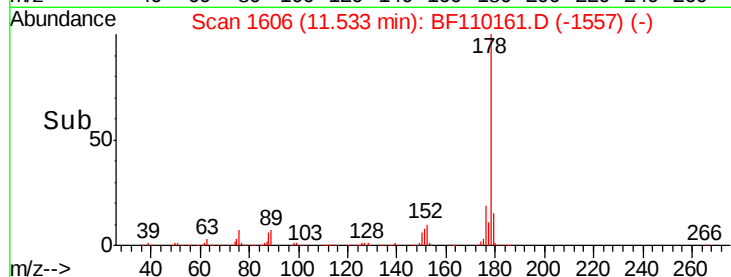
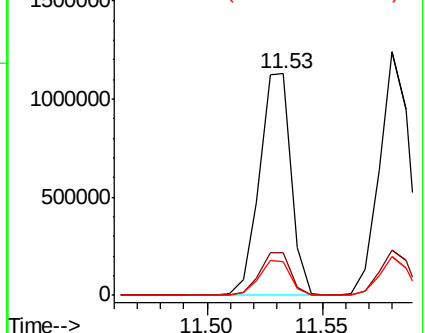
179 15.3 12.5 18.7



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: 38.436 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

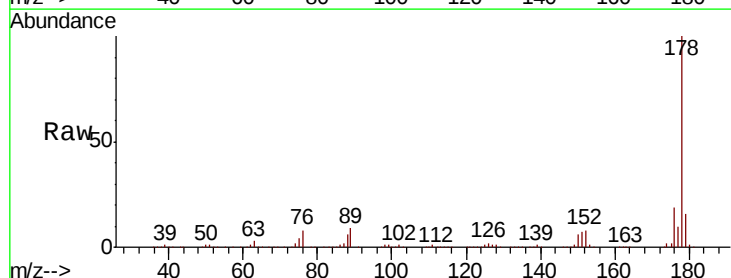
Tgt Ion:178 Resp: 1092145

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

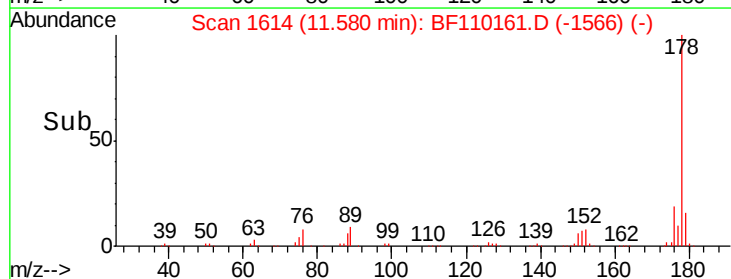
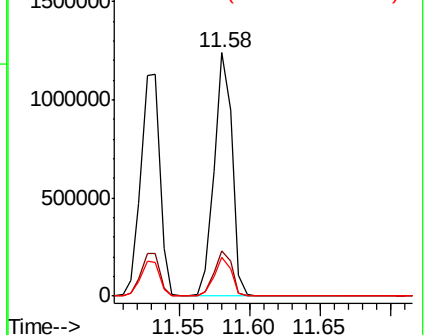
179 15.9 12.6 18.8



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: 37.758 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

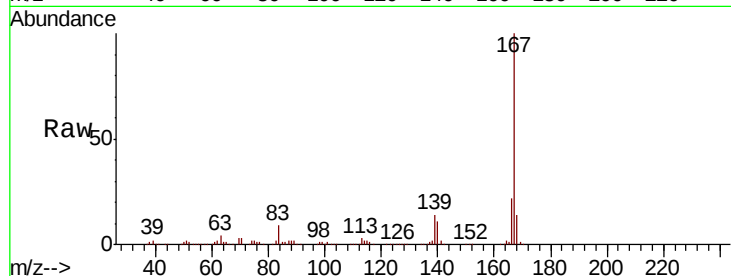
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1047545

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	14.0	10.9	16.3

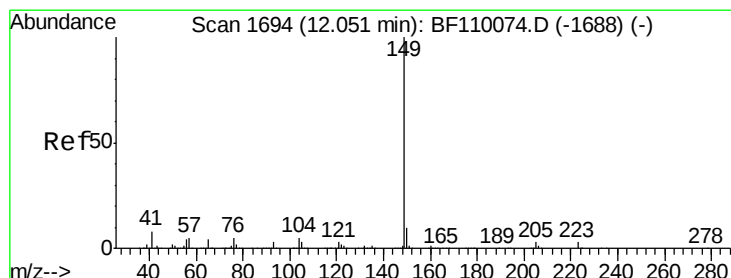
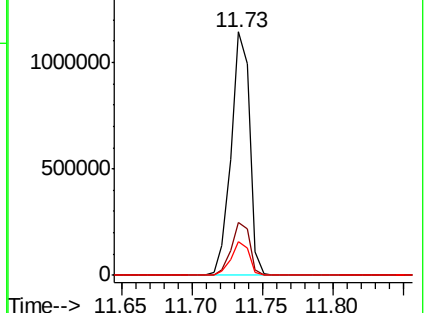
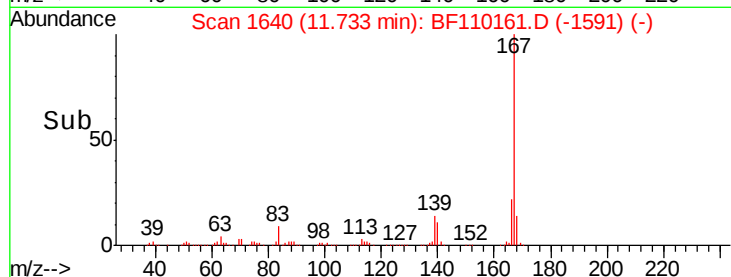


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.896 ng

RT: 12.05 min Scan# 1694

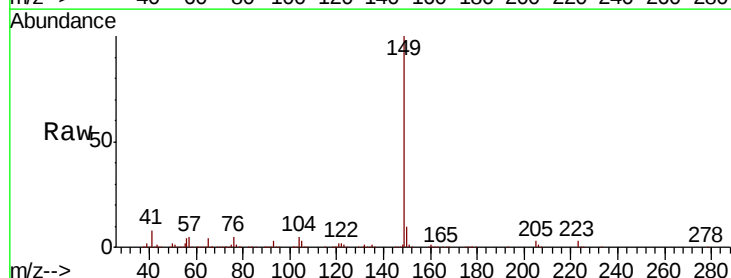
Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Tgt Ion:149 Resp: 1218783

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.3	4.2	6.4

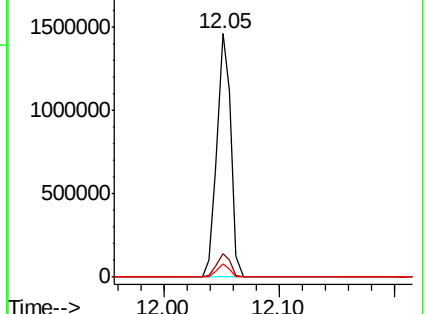
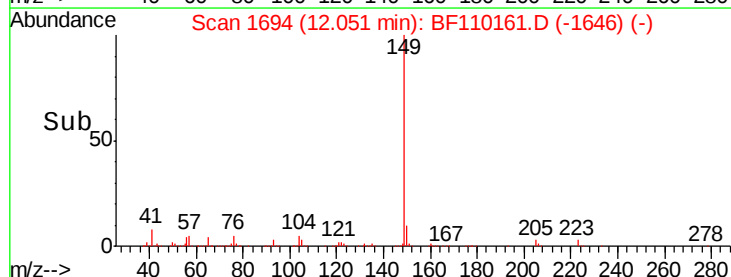


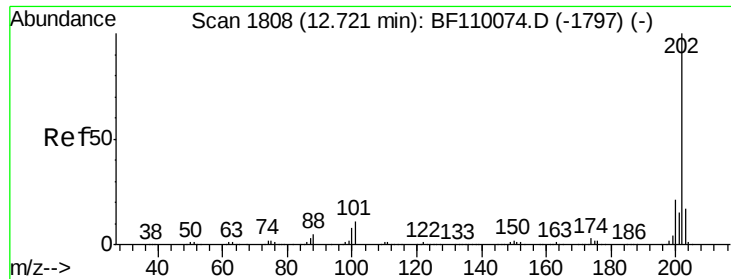
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

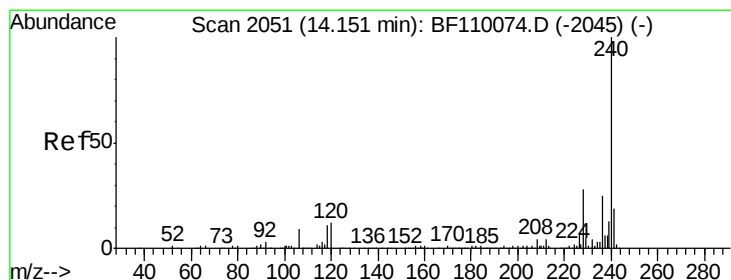
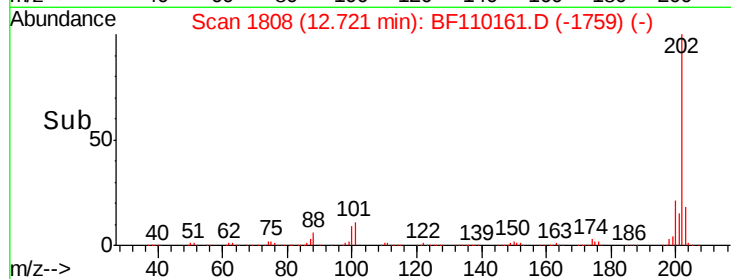
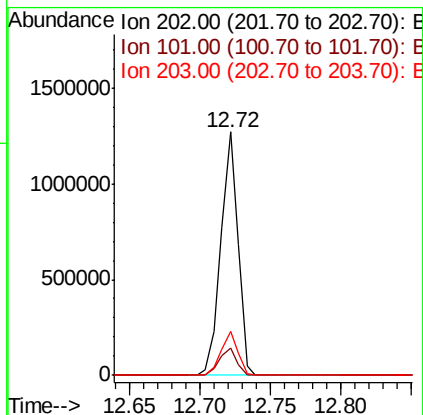
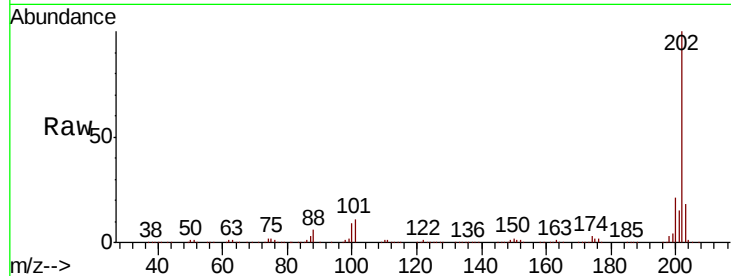




#75
 Fluoranthene
 Concen: 37.309 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

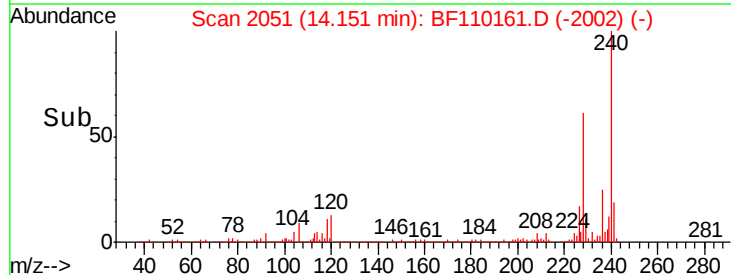
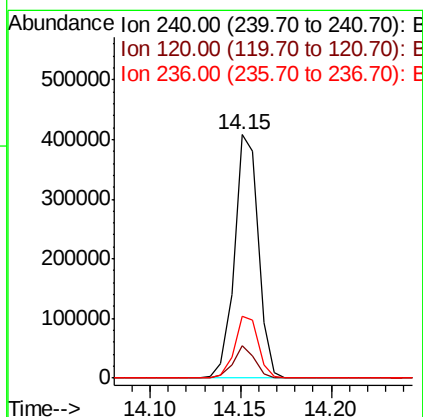
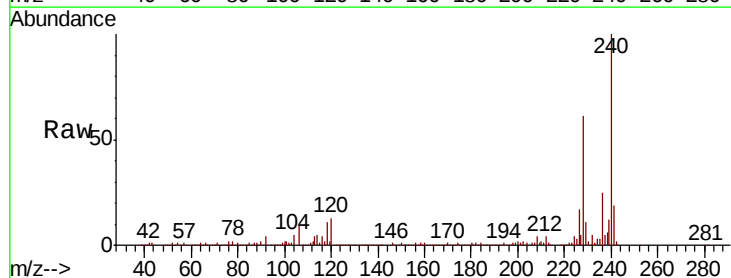
Instrument :
 BNA_F
 ClientSampleId :

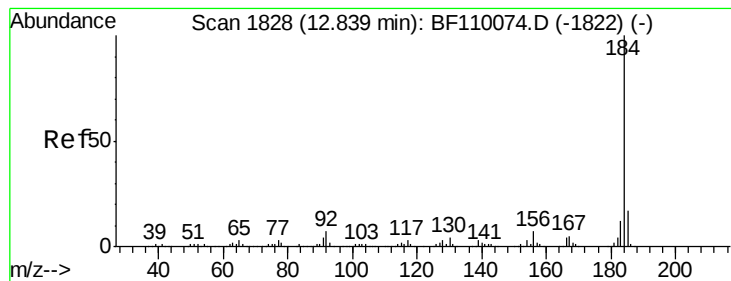
Tot Ion:202 Resp: 1073410
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 31.4
 203 18.1 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110161.D
 Acq: 25 Oct 2018 15:04

Tgt Ion:240 Resp: 374073
 Ion Ratio Lower Upper
 240 100
 120 13.5 8.3 12.5#
 236 25.4 21.2 31.8





#77

Benzidine

Concen: 43.562 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

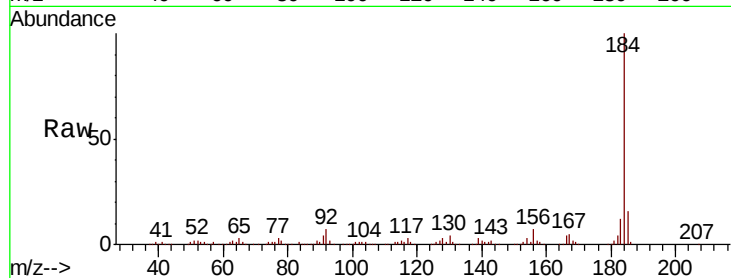
Tot Ion:184 Resp: 465884

Ion Ratio Lower Upper

184 100

185 15.8 13.4 20.2

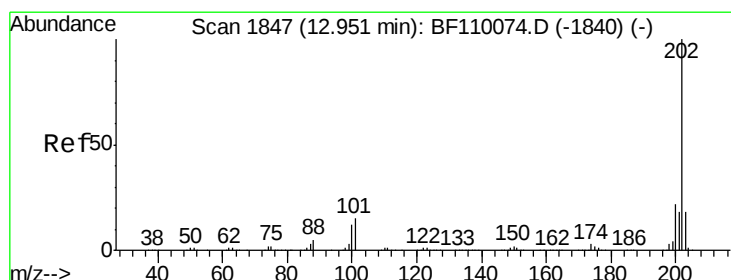
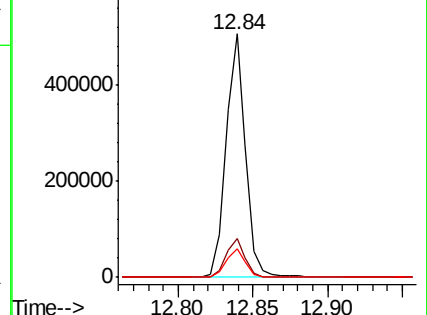
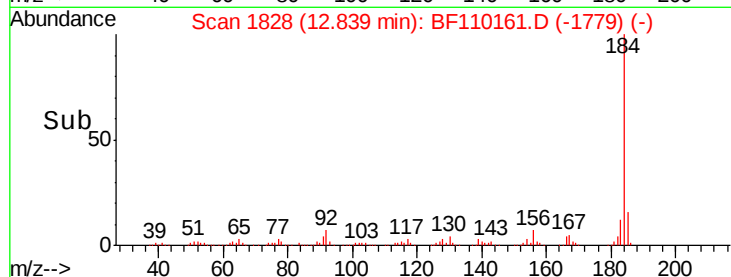
183 11.7 9.4 14.2



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: 41.190 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

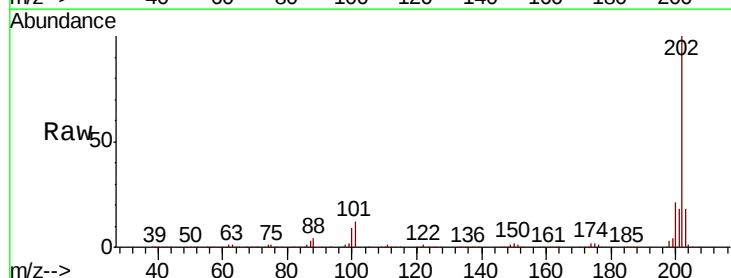
Tgt Ion:202 Resp: 1104635

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

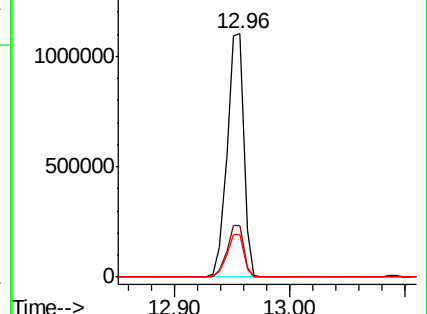
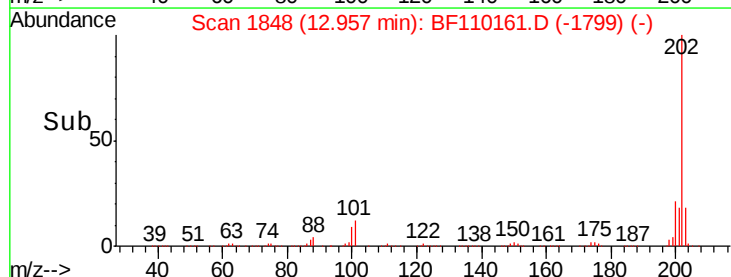
203 17.6 14.2 21.4

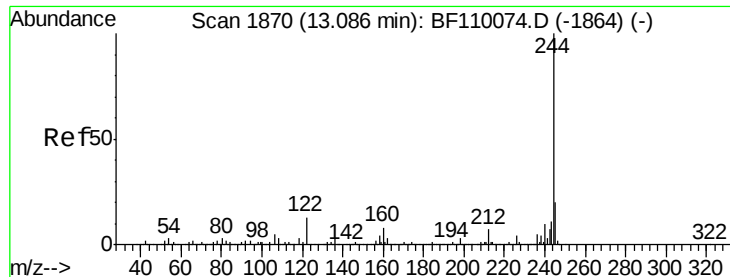


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.736 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

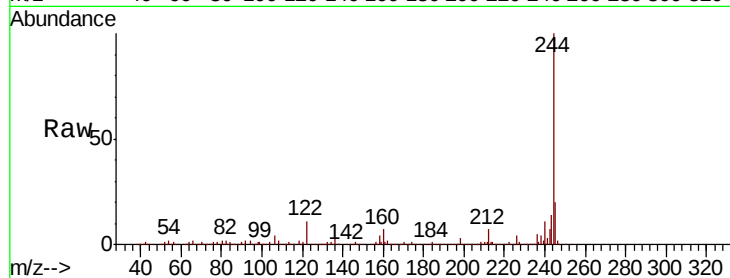
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1452182

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.1	8.7	13.1

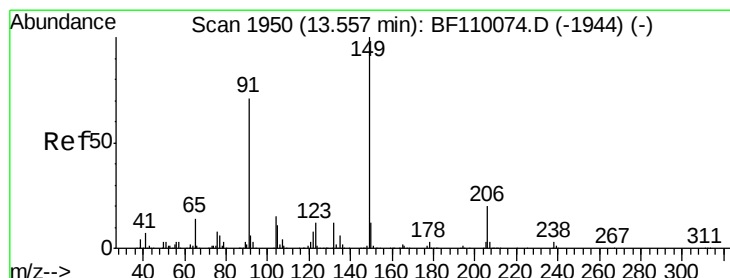
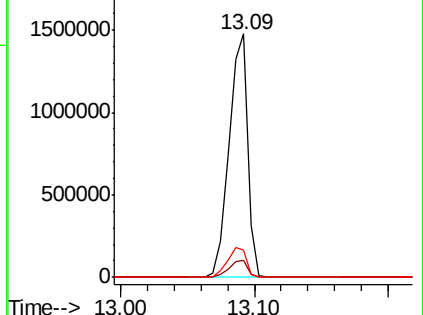
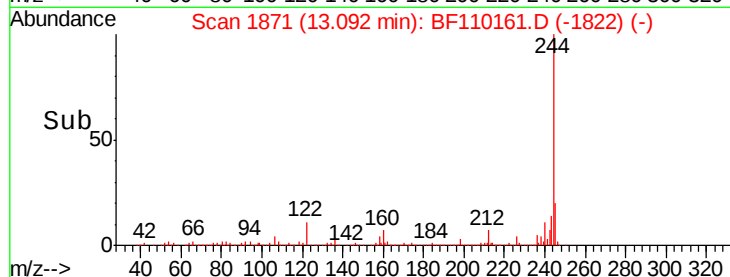


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.489 ng

RT: 13.56 min Scan# 1950

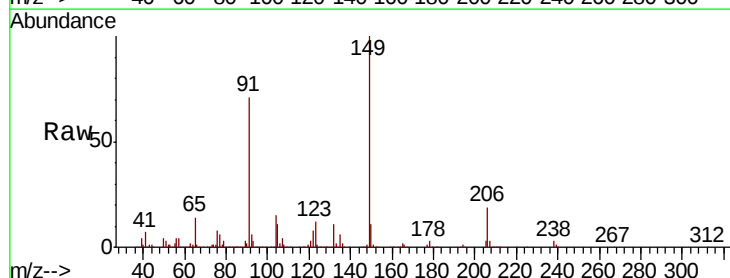
Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Tgt Ion:149 Resp: 482931

Ion	Ratio	Lower	Upper
149	100		
91	71.4	57.2	85.8
206	18.9	15.7	23.5

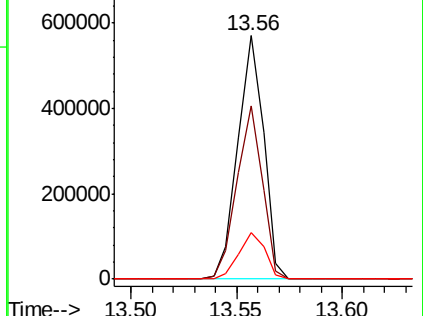
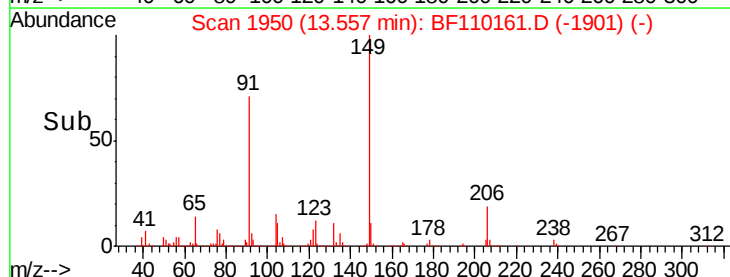


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.734 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

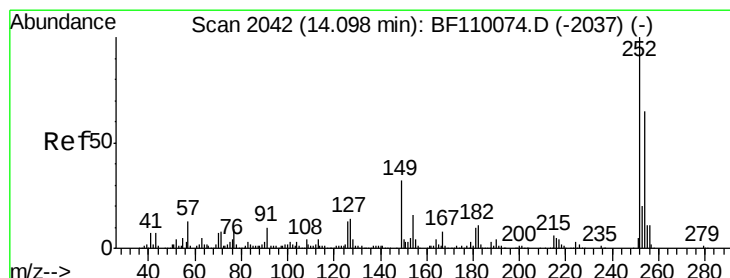
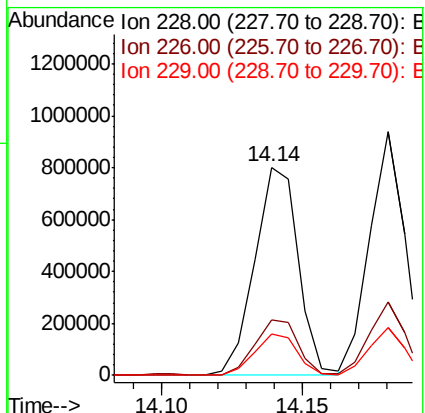
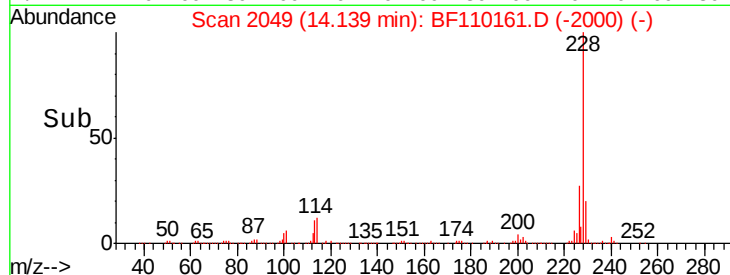
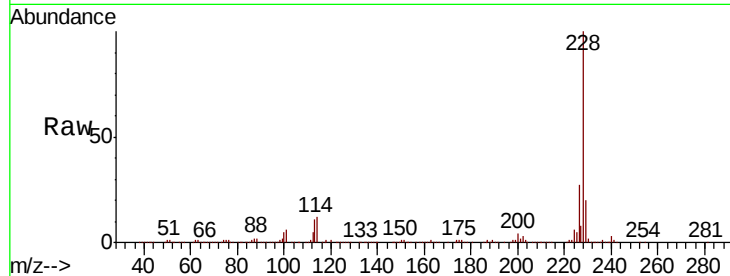
Tot Ion:228 Resp: 859256

Ion Ratio Lower Upper

228 100

226 26.8 22.1 33.1

229 19.9 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 38.549 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

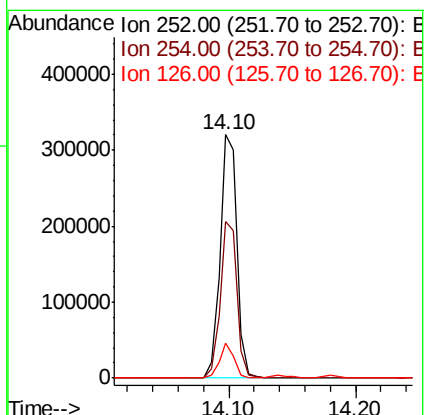
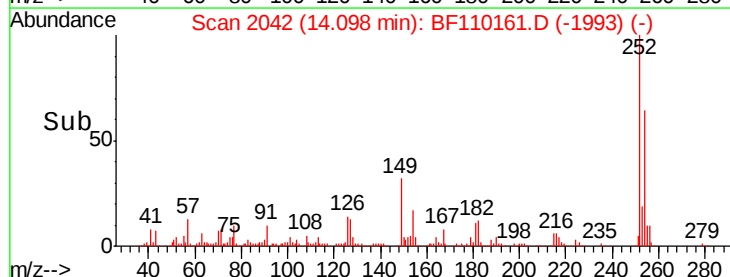
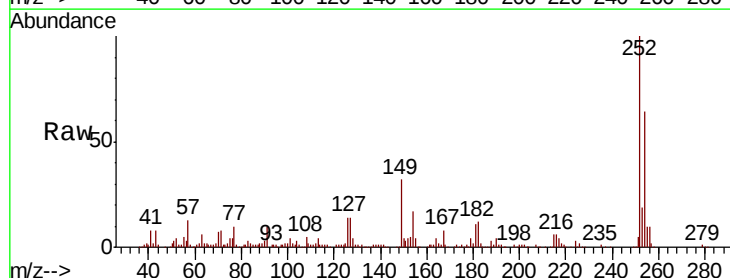
Tgt Ion:252 Resp: 297773

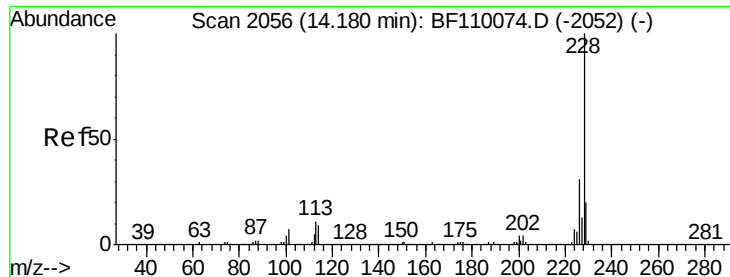
Ion Ratio Lower Upper

252 100

254 64.2 51.3 76.9

126 14.2 9.4 14.2#





#83

Chrysene

Concen: 38.023 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

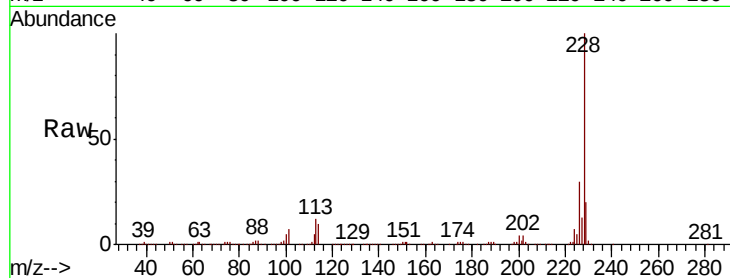
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 801145

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	19.7	15.9	23.9

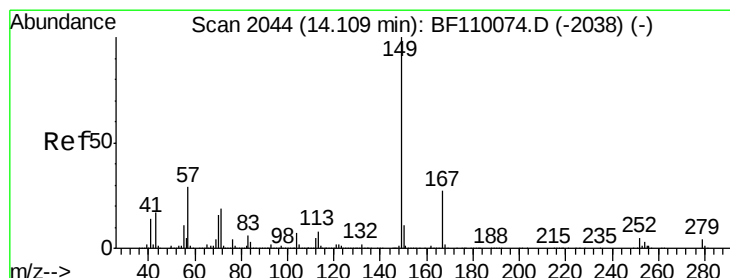
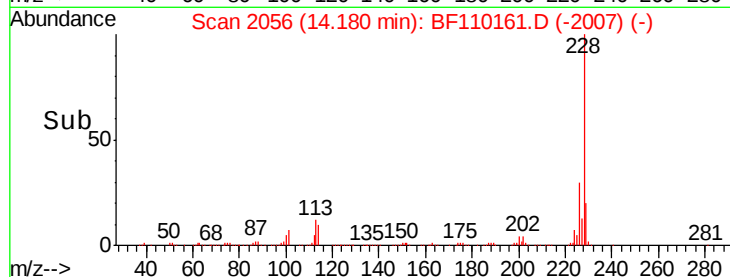
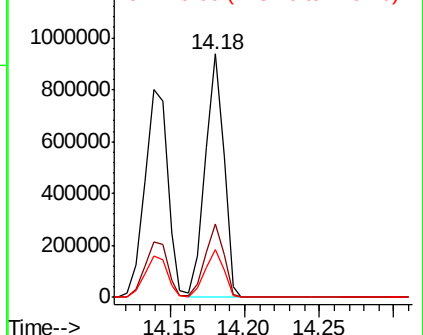


Abundance

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: 38.890 ng

RT: 14.11 min Scan# 2044

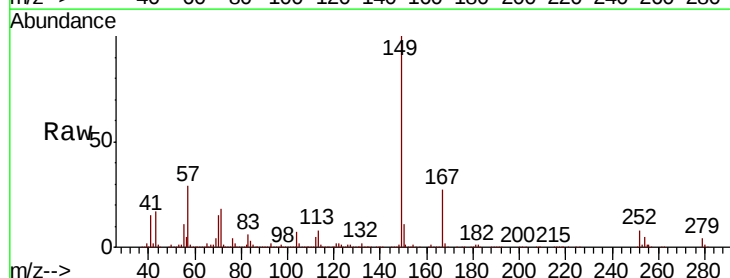
Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Tgt Ion:149 Resp: 611938

Ion	Ratio	Lower	Upper
149	100		
167	27.1	19.8	29.8
279	3.7	2.7	4.1

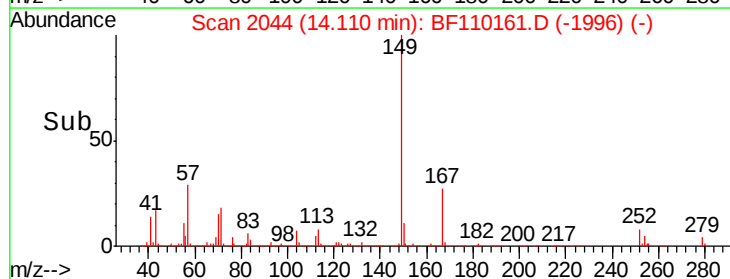
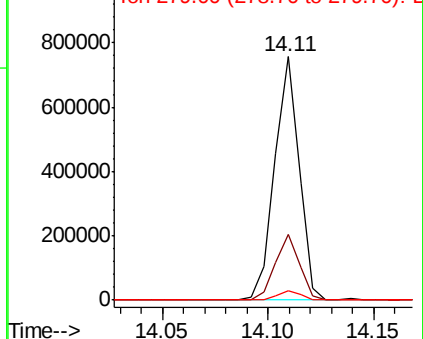


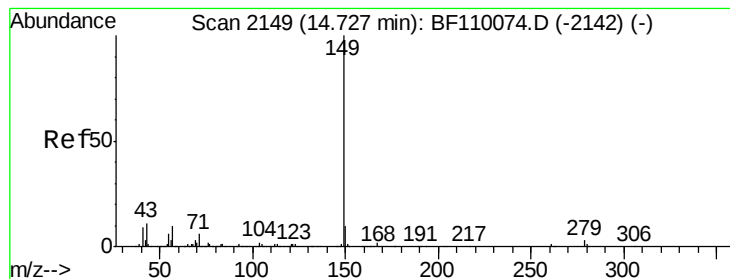
Abundance

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: 36.710 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

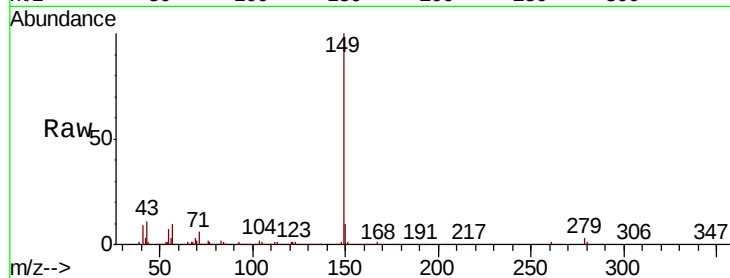
Tot Ion:149 Resp: 898169

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

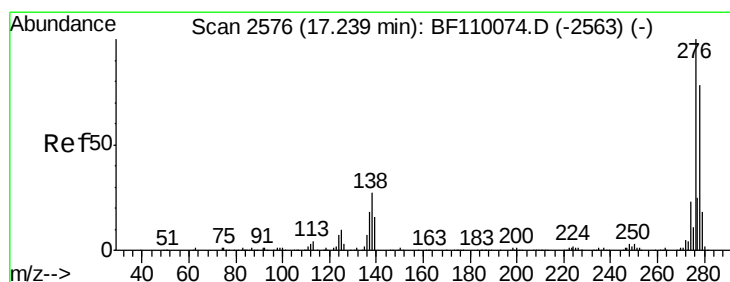
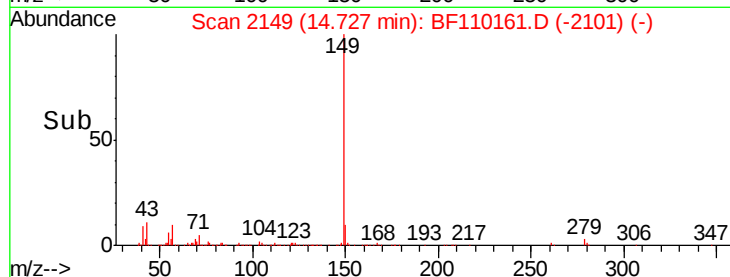
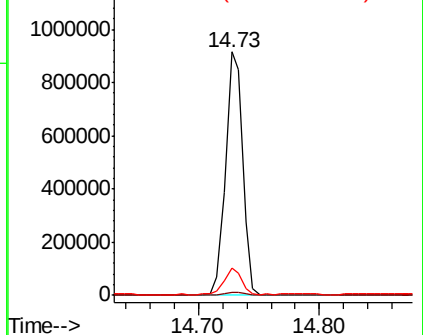
43 10.7 7.8 11.8



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: 35.459 ng

RT: 17.24 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

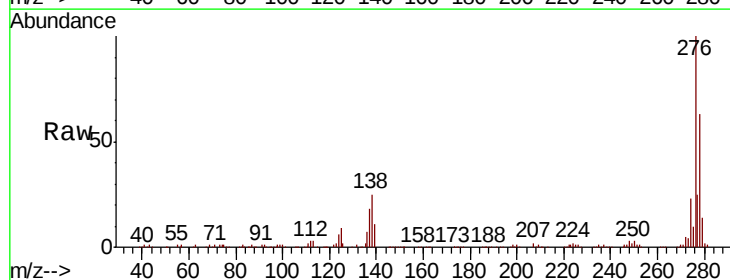
Tgt Ion:276 Resp: 619800

Ion Ratio Lower Upper

276 100

138 26.9 18.5 27.7

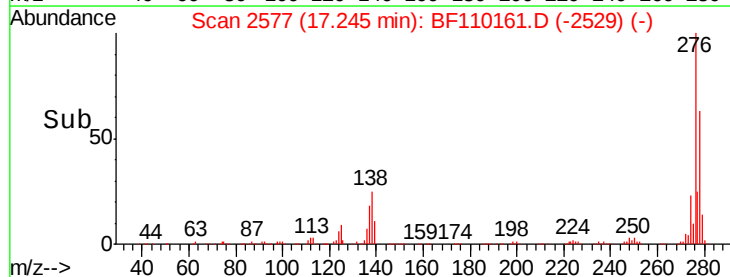
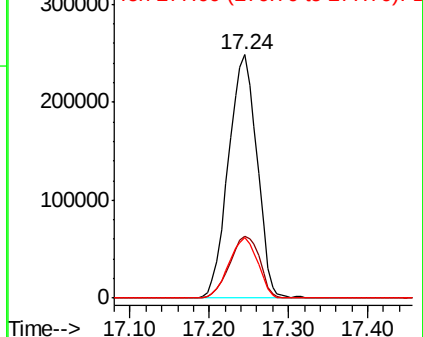
277 25.2 20.0 30.0

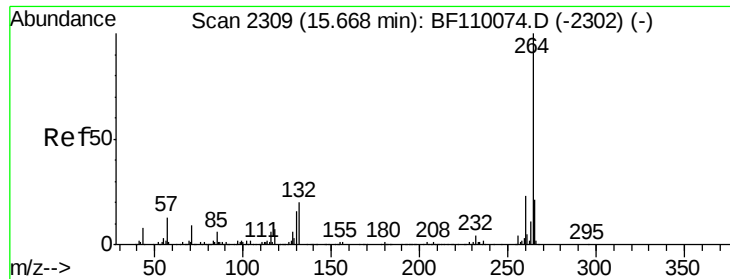


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

Instrument :

BNA_F

ClientSampleId :

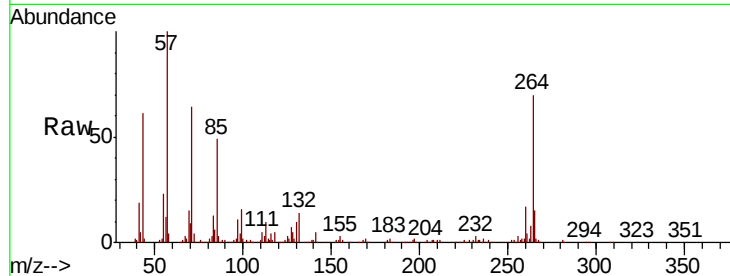
Tot Ion:264 Resp: 263305

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

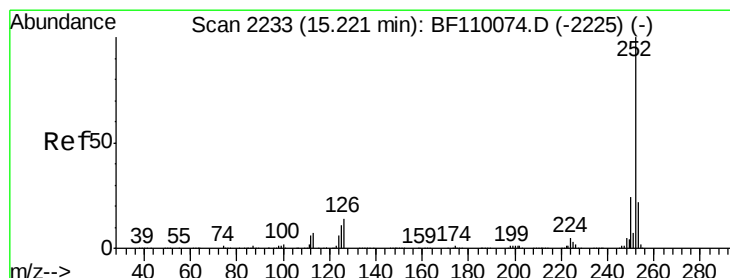
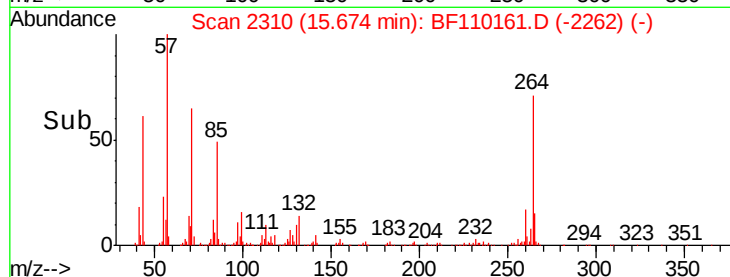
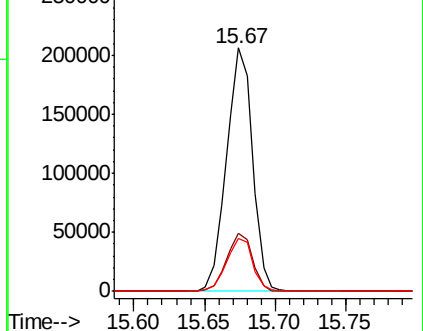
265 21.6 16.7 25.1



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: 43.189 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF110161.D

Acq: 25 Oct 2018 15:04

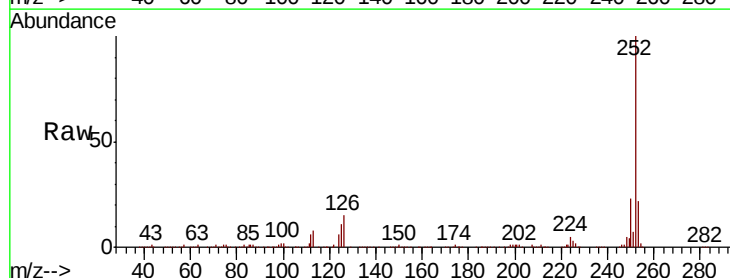
Tgt Ion:252 Resp: 656690

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

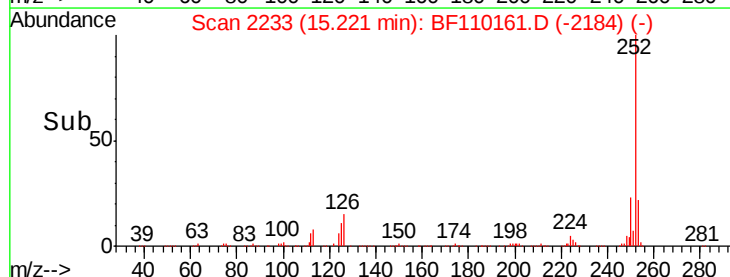
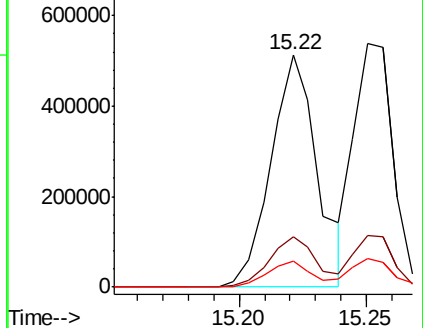
125 11.1 8.2 12.4

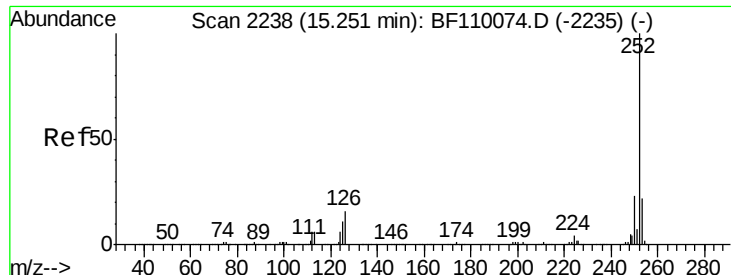


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

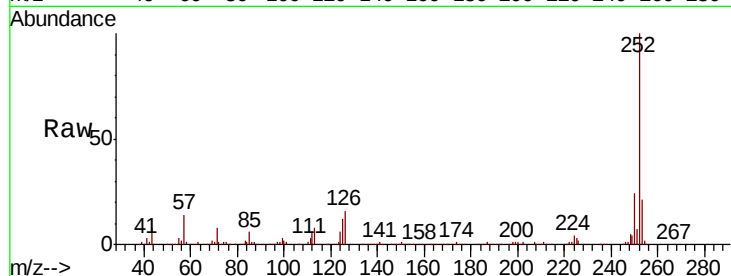




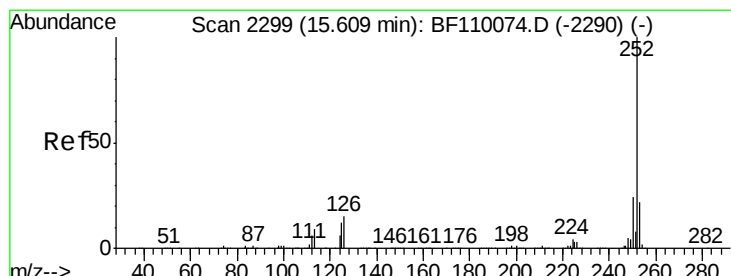
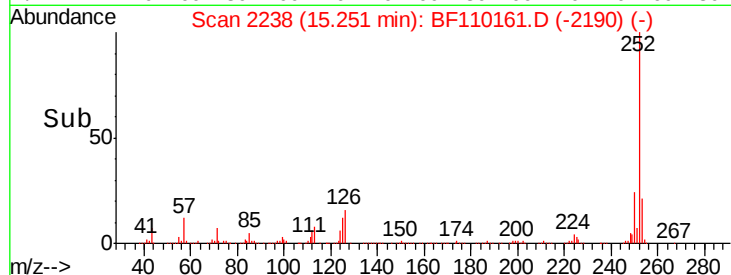
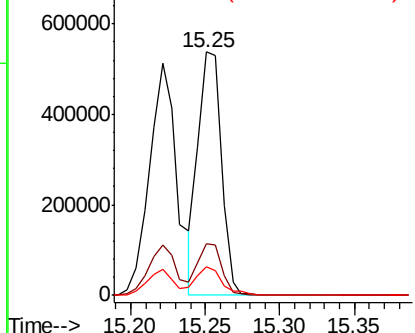
#89
Benzo(k)fluoranthene
Concen: 38.657 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	11.8	7.4	11.0

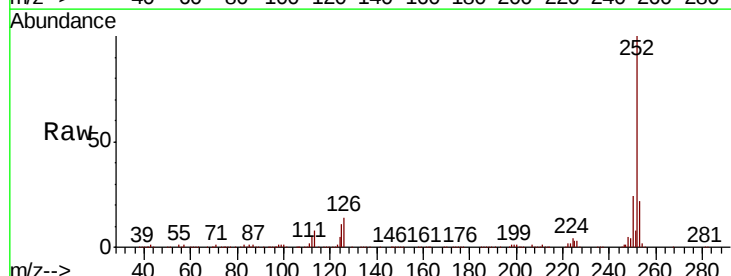


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

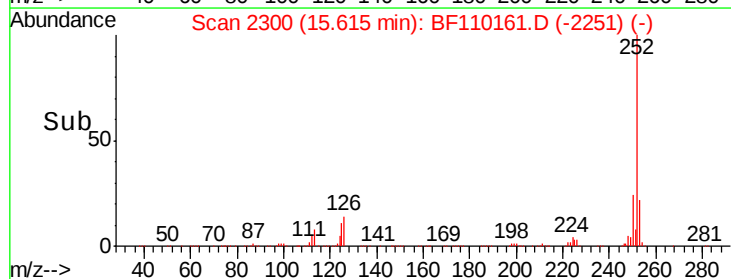
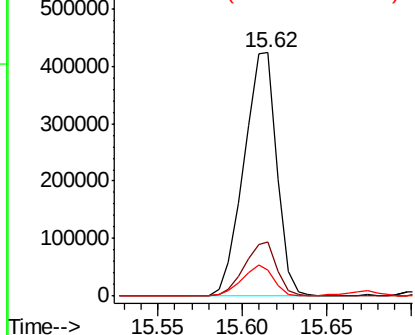


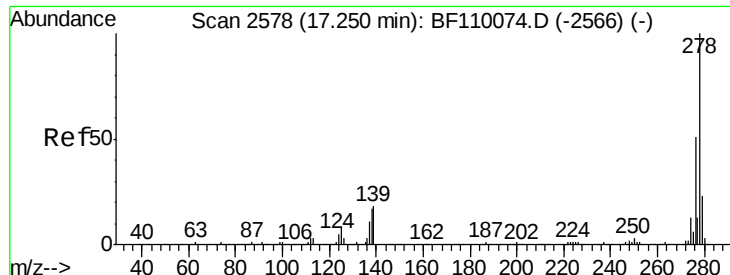
#90
Benzo(a)pyrene
Concen: 41.295 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	10.8	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

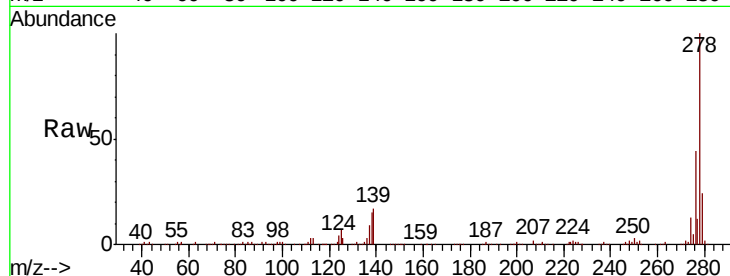




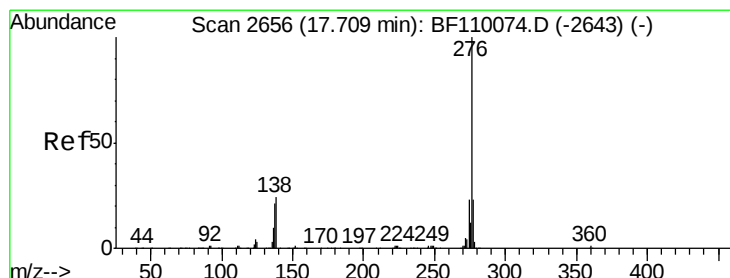
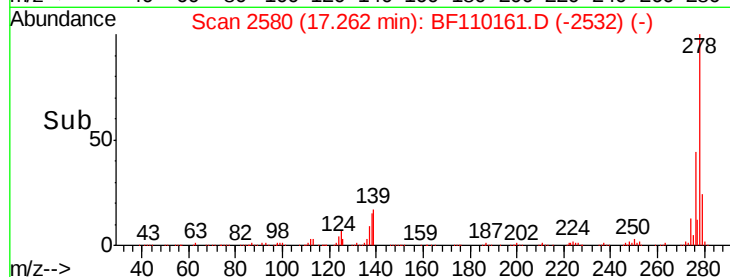
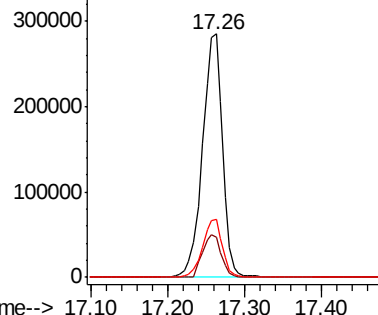
#91
Dibenzo(a,h)anthracene
Concen: 43.003 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.7	19.1
279	23.7	19.0	28.4

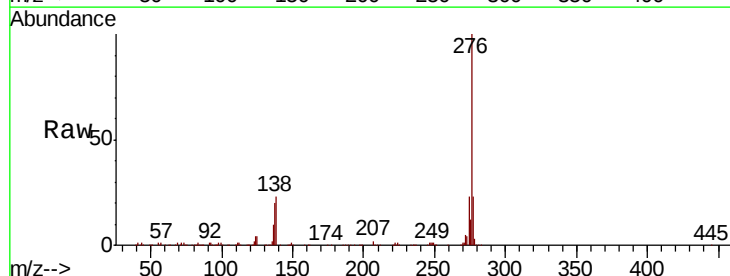


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.315 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF110161.D
Acq: 25 Oct 2018 15:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	23.0	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

