

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
 Data File : BF112596.D
 Acq On : 18 Feb 2019 13:00
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 18 14:29:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	106897	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	426229	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	220488	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	428993	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	350900	20.00	ng	0.00
87) Perylene-d12	15.47	264	281126	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	491375	97.64	ng	-0.02
7) Phenol-d6	6.48	99	606834	86.78	ng	-0.01
23) Nitrobenzene-d5	7.39	82	600396	81.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	214107	83.43	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1250113	80.19	ng	-0.02
79) Terphenyl-d14	12.94	244	1469238	78.86	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	97008	48.388	ng	94
3) Pyridine	3.33	79	234840	46.050	ng	96
4) n-Nitrosodimethylamine	3.29	42	105042	49.026	ng	86
6) Aniline	6.49	93	362599	43.588	ng	# 74
8) 2-Chlorophenol	6.62	128	285831	42.219	ng	98
9) Benzaldehyde	6.38	77	142027	38.857	ng	96
10) Phenol	6.49	94	330792	43.115	ng	86
11) bis(2-Chloroethyl)ether	6.56	93	247733	41.014	ng	99
12) 1,3-Dichlorobenzene	6.77	146	320153	40.605	ng	99
13) 1,4-Dichlorobenzene	6.84	146	324261	39.960	ng	96
14) 1,2-Dichlorobenzene	7.00	146	303381	39.932	ng	97
15) Benzyl Alcohol	6.97	79	243408	41.290	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	303837	39.177	ng	# 32
17) 2-Methylphenol	7.09	107	222172	41.397	ng	# 87
18) Hexachloroethane	7.33	117	117124	41.104	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	206345	42.792	ng	99
20) 3+4-Methylphenols	7.25	107	294759	42.949	ng	# 66
22) Acetophenone	7.24	105	421402	40.602	ng	# 95
24) Nitrobenzene	7.41	77	295869	40.049	ng	97
25) Isophorone	7.65	82	472326	40.701	ng	98
26) 2-Nitrophenol	7.73	139	162034	41.041	ng	90
27) 2,4-Dimethylphenol	7.77	122	218458	40.161	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	321358	40.669	ng	99
29) 2,4-Dichlorophenol	7.98	162	250693	41.183	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	275494	39.373	ng	98
31) Naphthalene	8.13	128	797258	39.998	ng	98
32) Benzoic acid	7.93	122	118450	38.175	ng	97
33) 4-Chloroaniline	8.19	127	350725	40.411	ng	99
34) Hexachlorobutadiene	8.25	225	163633	39.852	ng	99
35) Caprolactam	8.56	113	88273	41.107	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	271532	42.137	ng	94
37) 2-Methylnaphthalene	8.82	142	550608	40.352	ng	97
38) 1-Methylnaphthalene	8.92	142	526922	40.288	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	278387	38.454	ng	98

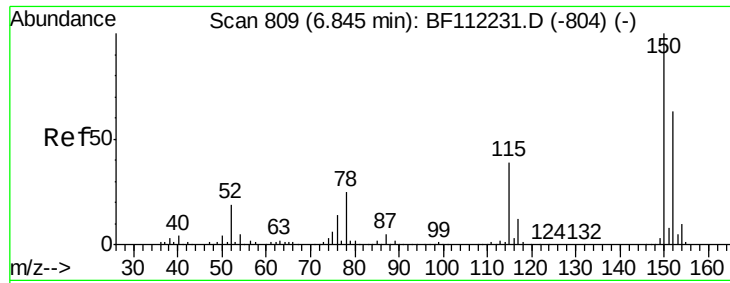
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
 Data File : BF112596.D
 Acq On : 18 Feb 2019 13:00
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 18 14:29:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	92130	39.094	nq	98
43) 2,4,6-Trichlorophenol	9.11	196	175965	39.432	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	174044	37.318	nq	96
46) 1,1'-Biphenyl	9.29	154	767625	39.823	nq	98
47) 2-Chloronaphthalene	9.32	162	584823	39.124	nq	96
48) 2-Nitroaniline	9.42	65	170469	41.841	nq	89
49) Acenaphthylene	9.73	152	871109	39.760	nq	98
50) Dimethylphthalate	9.58	163	676183	39.472	nq	100
51) 2,6-Dinitrotoluene	9.66	165	152841	39.837	nq #	72
52) Acenaphthene	9.90	154	525367	40.141	nq	98
53) 3-Nitroaniline	9.83	138	170681	41.063	nq	94
54) 2,4-Dinitrophenol	9.96	184	50328	40.874	nq #	86
55) Dibenzofuran	10.07	168	784889	39.244	nq	93
56) 4-Nitrophenol	10.02	139	94649	43.071	nq	89
57) 2,4-Dinitrotoluene	10.07	165	197970	40.532	nq #	70
58) Fluorene	10.42	166	617900	41.285	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	145071	41.161	nq	95
60) Diethylphthalate	10.28	149	691583	40.680	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	331947	40.772	nq	96
62) 4-Nitroaniline	10.45	138	155021	38.024	nq	92
63) Azobenzene	10.56	77	619431	41.429	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	94011	39.086	nq	96
66) n-Nitrosodiphenylamine	10.52	169	583219	40.338	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	199363	39.512	nq	99
68) Hexachlorobenzene	10.97	284	214459	39.617	nq	96
69) Atrazine	11.05	200	153286	32.857	nq	98
70) Pentachlorophenol	11.17	266	94364	44.800	nq	98
71) Phenanthrene	11.38	178	901712	40.431	nq	98
72) Anthracene	11.43	178	910172	40.969	nq	98
73) Carbazole	11.59	167	893893	40.790	nq	99
74) Di-n-butylphthalate	11.90	149	1108867	40.765	nq	99
75) Fluoranthene	12.57	202	938933	39.251	nq	97
77) Benzidine	12.69	184	390609	40.444	nq	96
78) Pyrene	12.80	202	953704	39.256	nq	99
80) Butylbenzylphthalate	13.40	149	470445	40.024	nq	90
81) Benzo(a)anthracene	13.99	228	819198	39.713	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	308525	39.965	nq	99
83) Chrysene	14.03	228	773135	39.265	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	641849	38.469	nq	97
85) Di-n-octyl phthalate	14.57	149	1005629	39.175	nq	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	566350	36.299	nq	96
88) Benzo(b)fluoranthene	15.05	252	666738	39.657	nq	99
89) Benzo(k)fluoranthene	15.08	252	637709	39.599	nq	98
90) Benzo(a)pyrene	15.42	252	602624	39.835	nq	98
91) Dibenzo(a,h)anthracene	16.97	278	476084	39.048	nq	99
92) Benzo(g,h,i)perylene	17.43	276	453464	39.422	nq	94

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

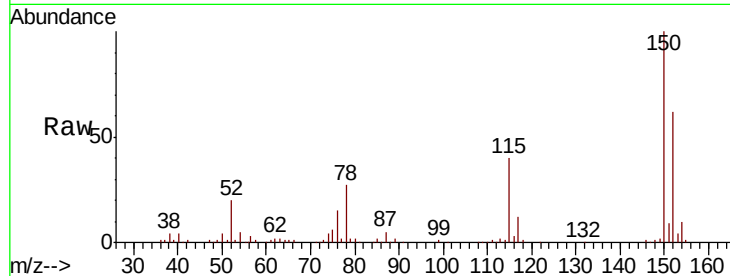


#1

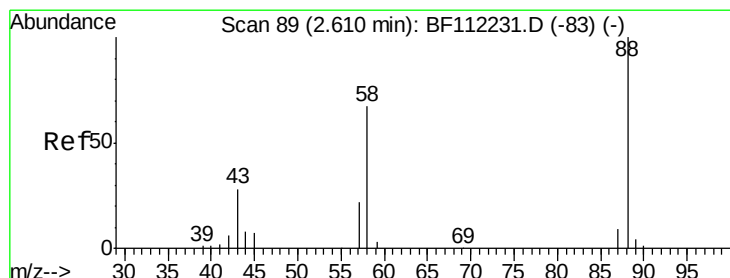
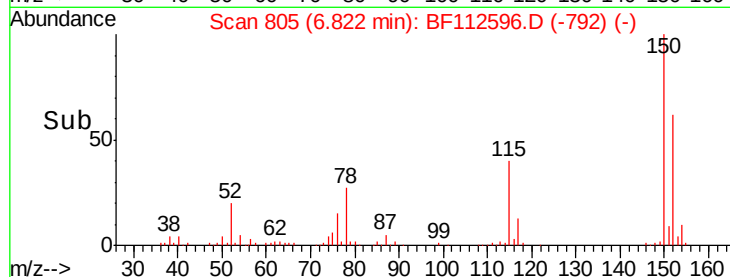
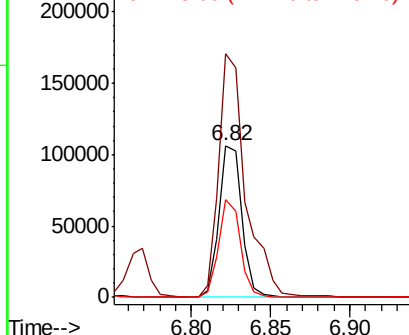
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106897
Ion Ratio Lower Upper
152 100
150 160.4 127.4 191.0
115 64.8 45.5 68.3



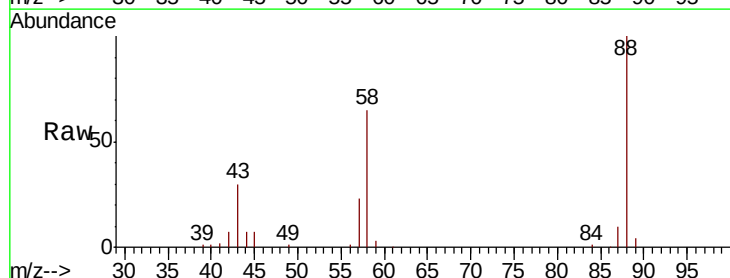
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



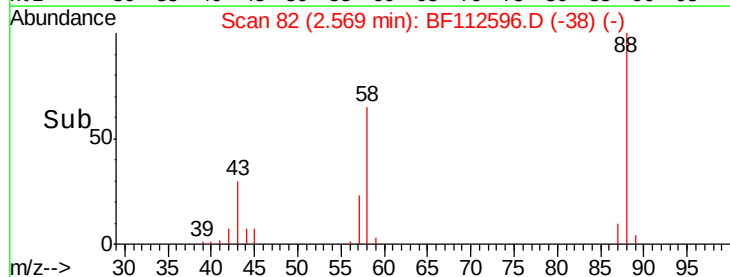
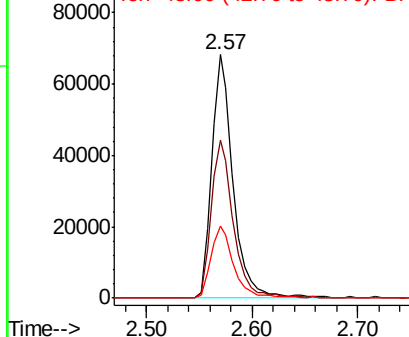
#2

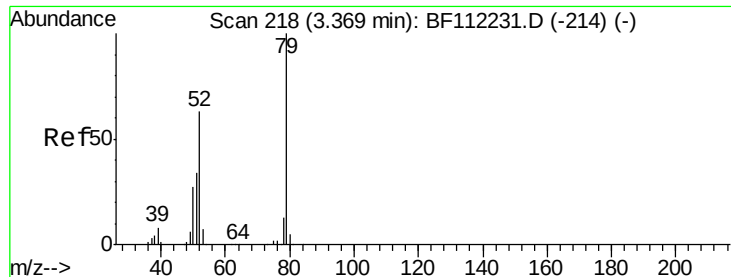
1,4-Dioxane
Concen: 48.388 ng
RT: 2.57 min Scan# 82
Delta R.T. -0.04 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion: 88 Resp: 97008
Ion Ratio Lower Upper
88 100
58 66.9 57.4 86.2
43 31.5 22.2 33.4



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: 46.050 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.04 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampled :

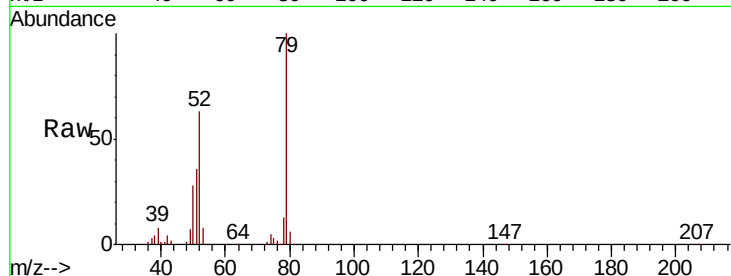
Tot Ion: 79 Resp: 234840

Ion Ratio Lower Upper

79 100

52 62.9 52.4 78.6

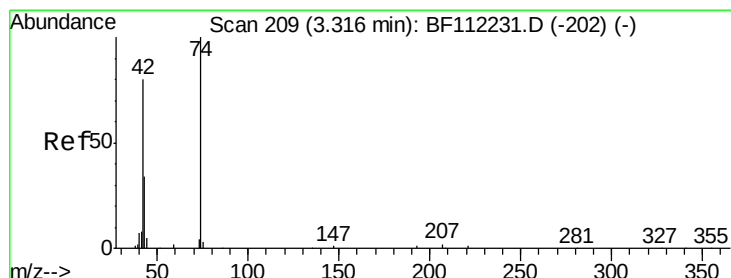
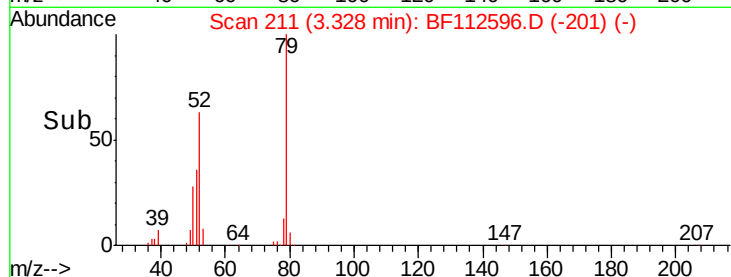
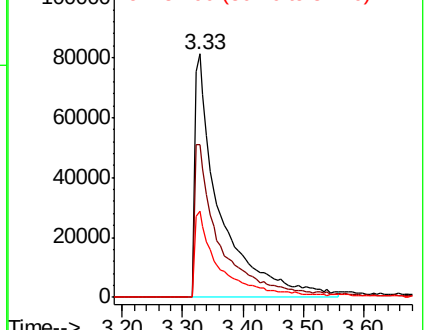
51 35.5 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 49.026 ng

RT: 3.29 min Scan# 204

Delta R.T. -0.03 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

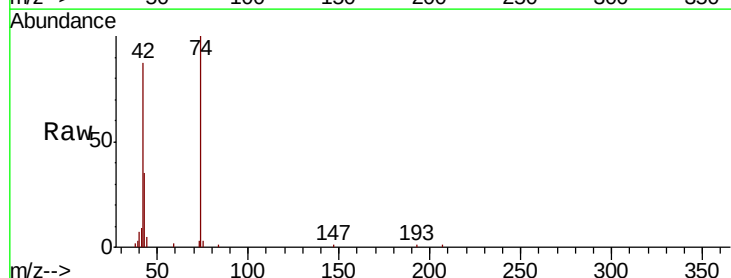
Tgt Ion: 42 Resp: 105042

Ion Ratio Lower Upper

42 100

74 115.5 105.6 158.4

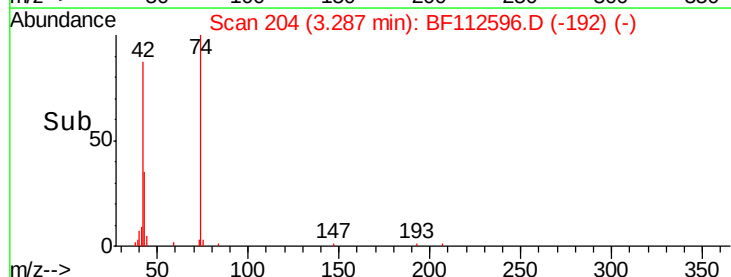
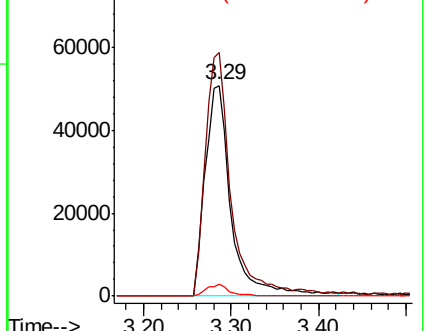
44 5.5 5.4 8.2

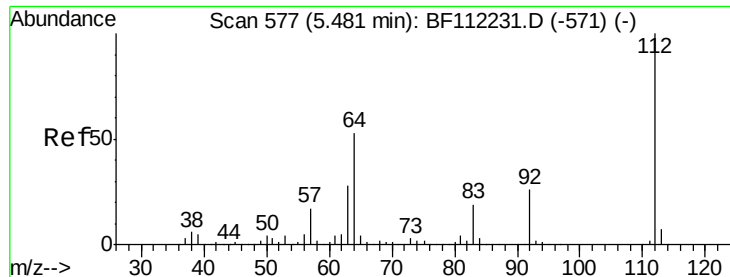


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 97.637 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampled :

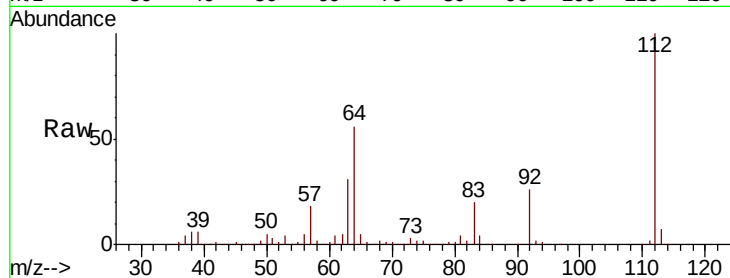
Tot Ion:112 Resp: 491375

Ion Ratio Lower Upper

112 100

64 55.9 45.7 68.5

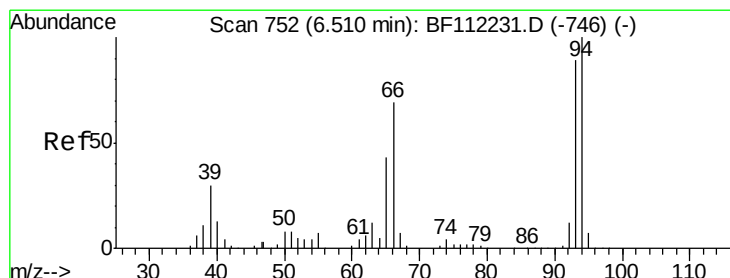
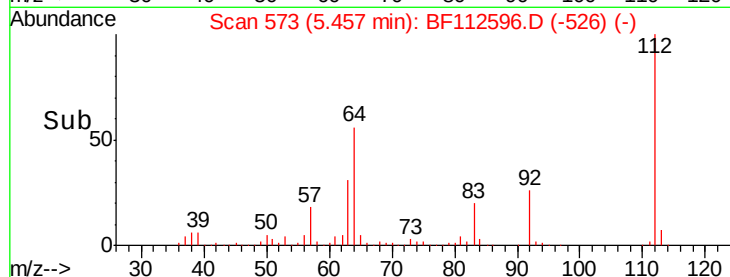
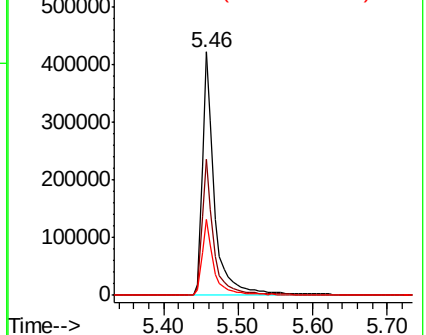
63 31.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 43.588 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

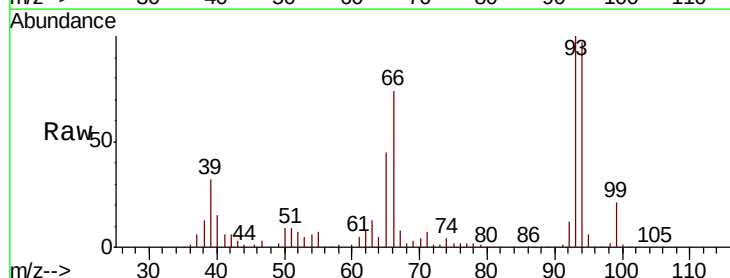
Tgt Ion: 93 Resp: 362599

Ion Ratio Lower Upper

93 100

66 74.1 43.4 65.2#

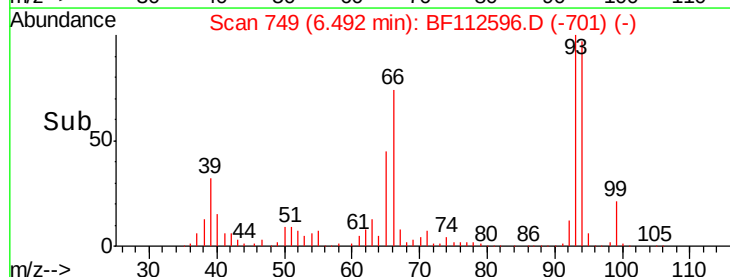
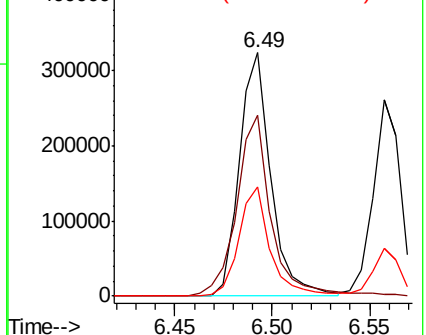
65 44.9 25.3 37.9#

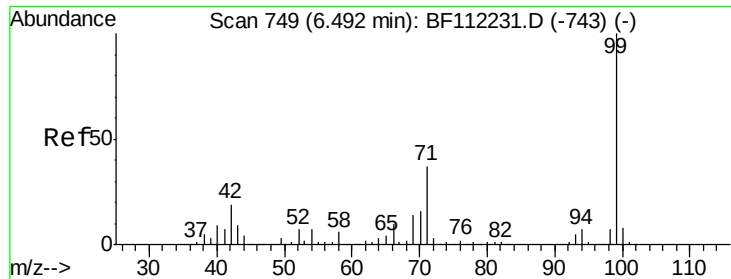


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.776 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampleId :

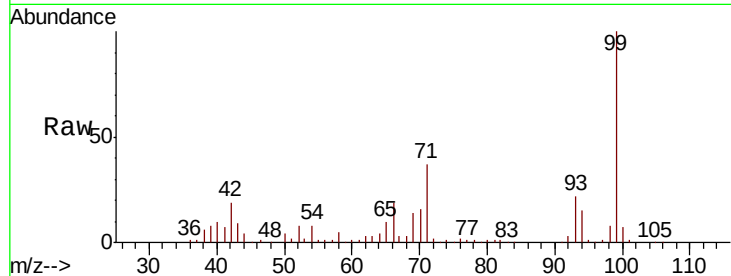
Tot Ion: 99 Resp: 606834

Ion Ratio Lower Upper

99 100

42 19.1 15.1 22.7

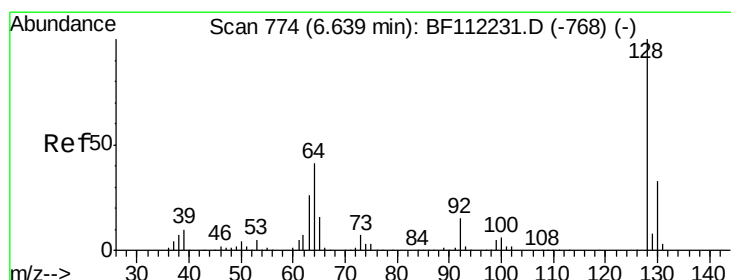
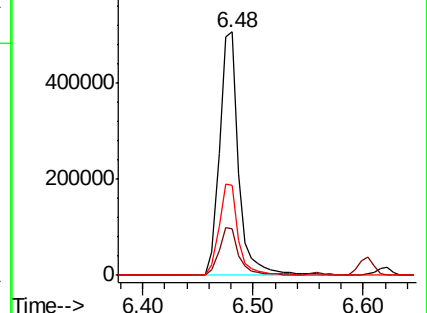
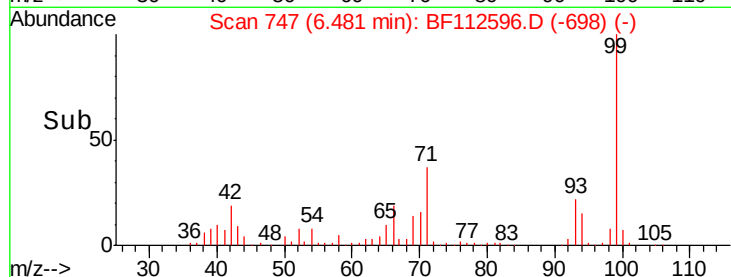
71 37.2 26.9 40.3



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: 42.219 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

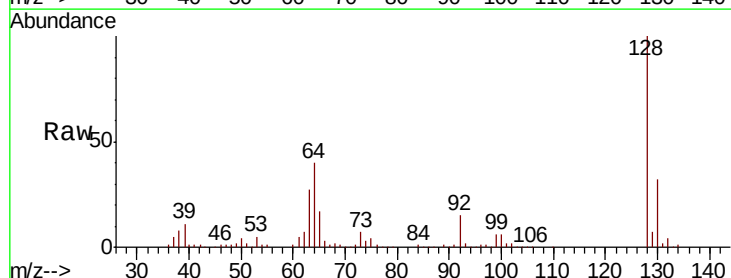
Tgt Ion: 128 Resp: 285831

Ion Ratio Lower Upper

128 100

130 32.4 13.4 53.4

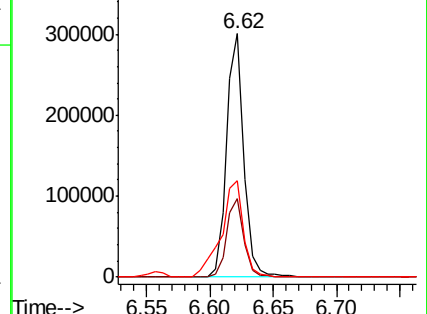
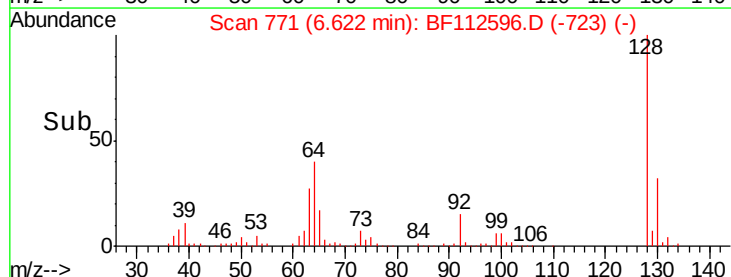
64 39.5 20.5 60.5

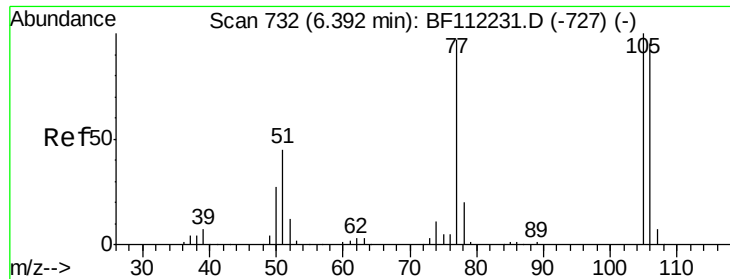


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.857 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampleId :

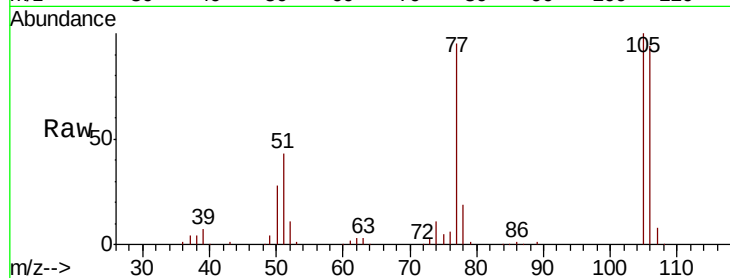
Tot Ion: 77 Resp: 142027

Ion Ratio Lower Upper

77 100

105 105.2 80.8 120.8

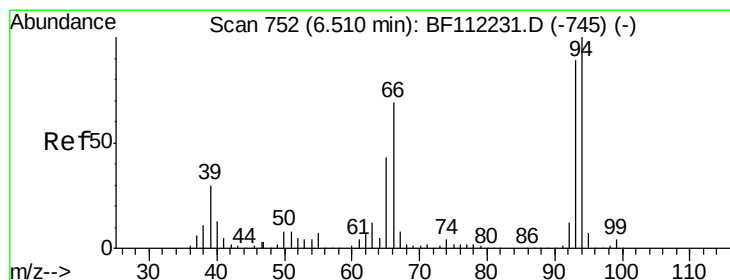
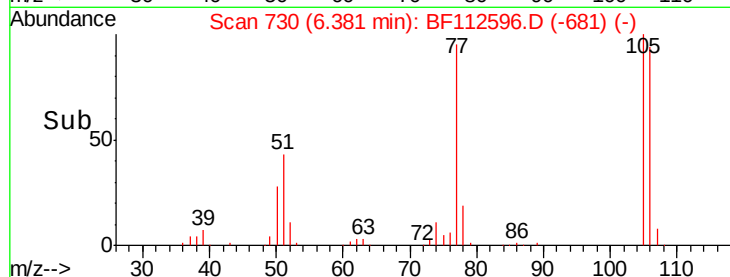
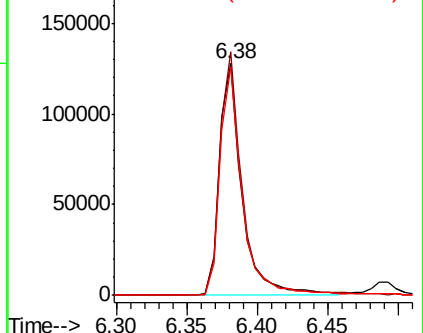
106 98.6 75.7 115.7



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: 43.115 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

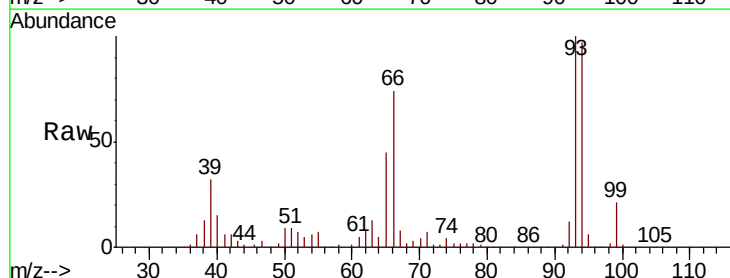
Tgt Ion: 94 Resp: 330792

Ion Ratio Lower Upper

94 100

65 46.1 20.3 60.3

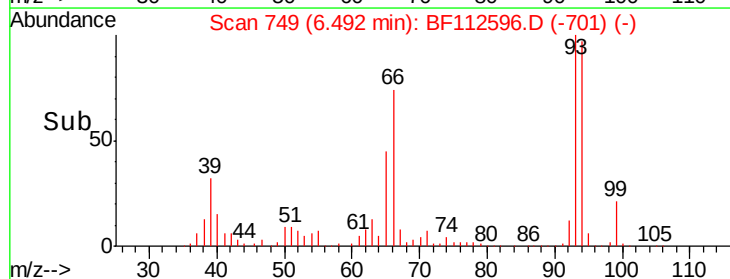
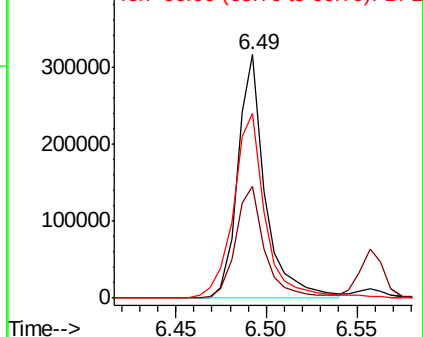
66 76.1 42.4 82.4

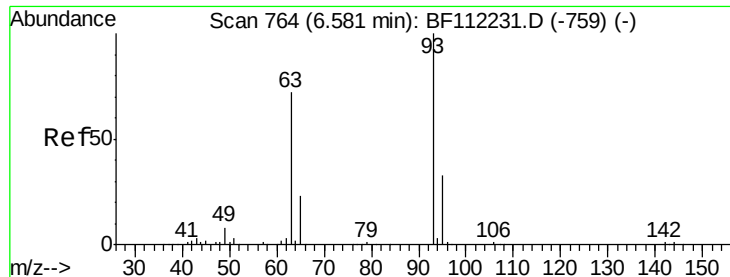


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

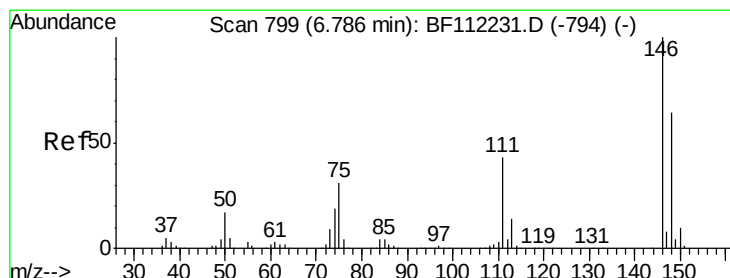
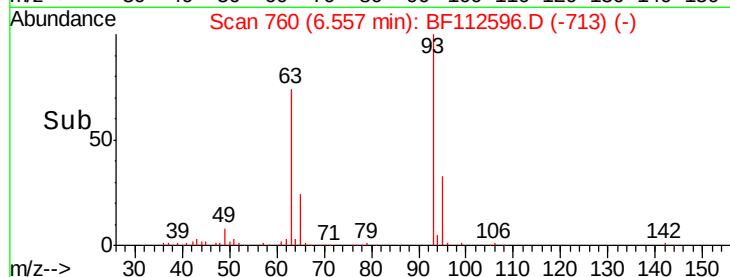
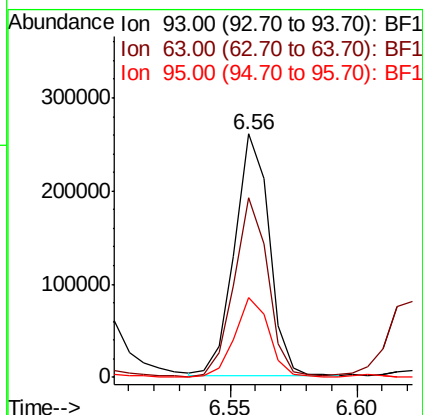
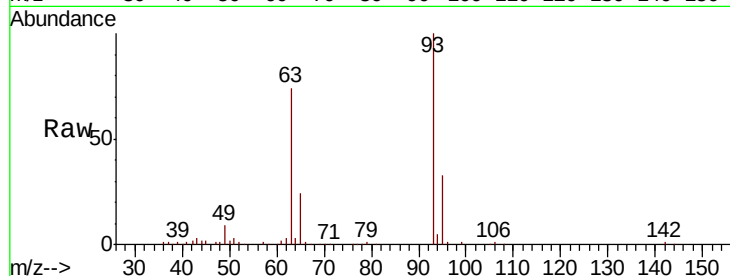




#11
bis(2-Chloroethyl)ether
Concen: 41.014 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

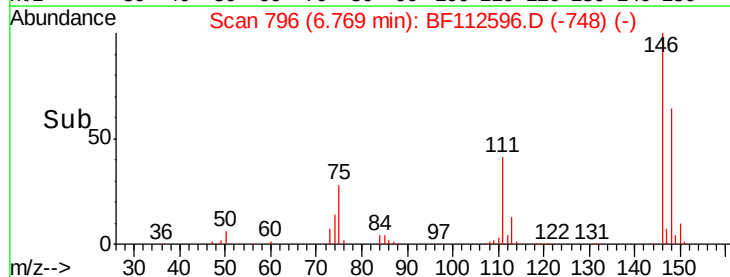
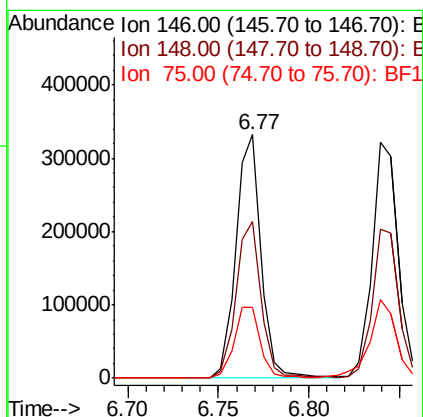
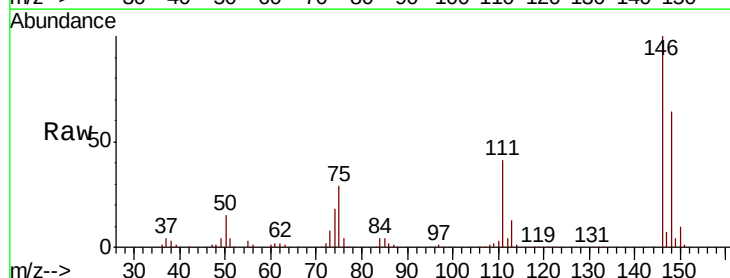
Instrument :
BNA_F
ClientSampleId :

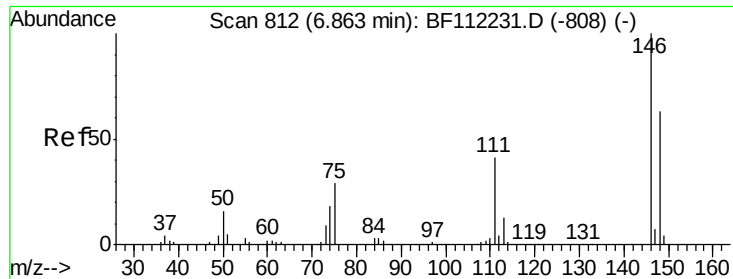
Tot Ion: 93 Resp: 247733
Ion Ratio Lower Upper
93 100
63 73.6 53.3 93.3
95 32.8 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 40.605 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion: 146 Resp: 320153
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 29.2 23.1 34.7

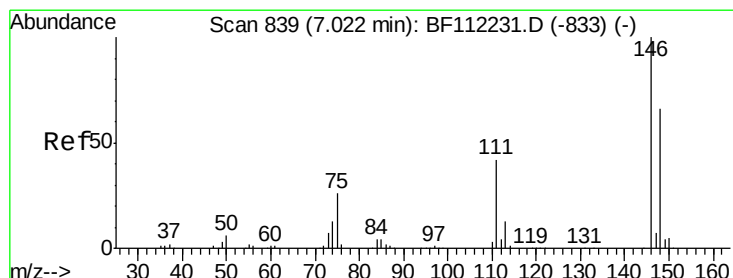
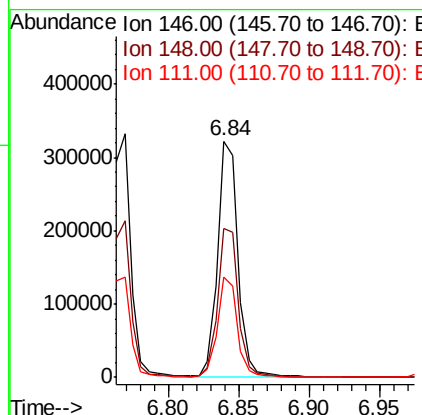
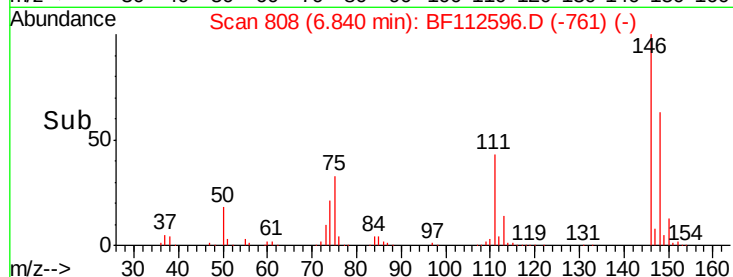
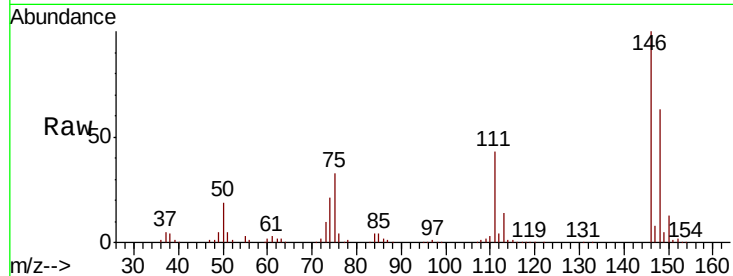




#13
 1,4-Dichlorobenzene
 Concen: 39.960 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

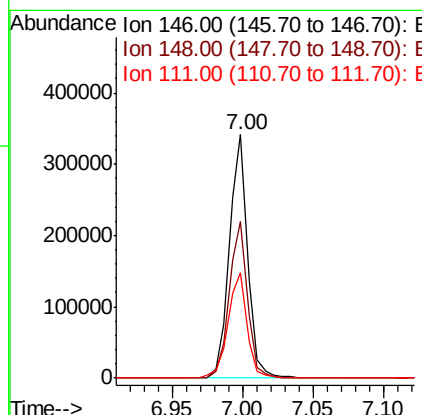
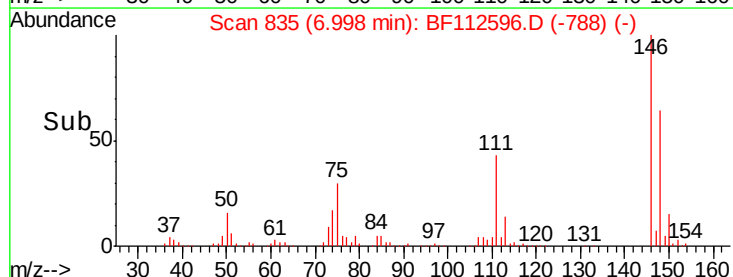
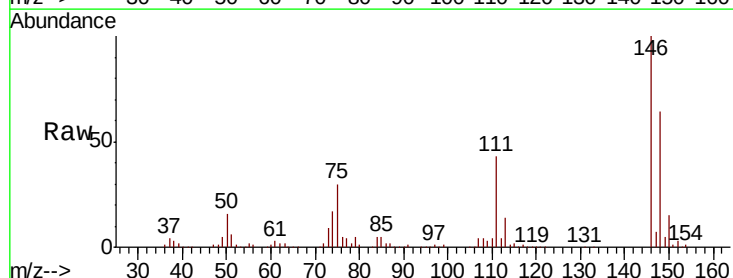
Instrument :
 BNA_F
 ClientSampleId :

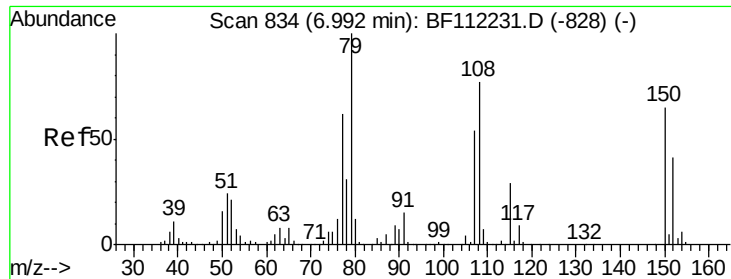
Tot Ion:146 Resp: 324261
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.0 78.0
 111 42.7 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 39.932 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

Tgt Ion:146 Resp: 303381
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.4
 111 43.4 31.2 46.8

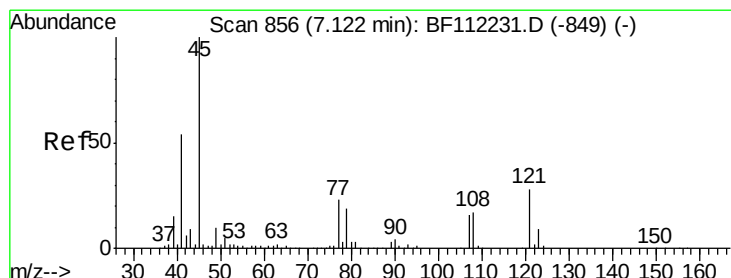
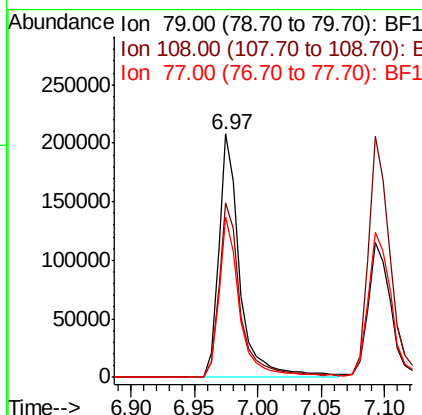
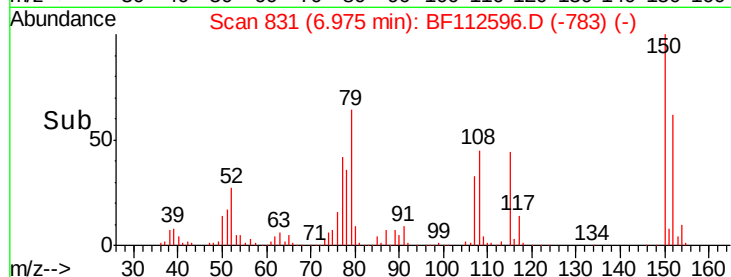
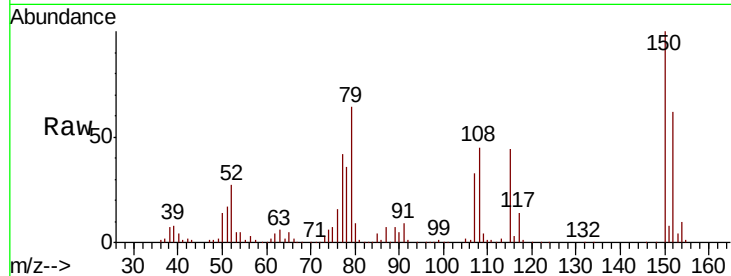




#15
Benzvl Alcohol
Concen: 41.290 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

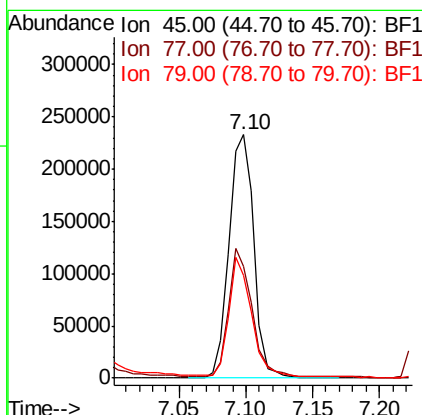
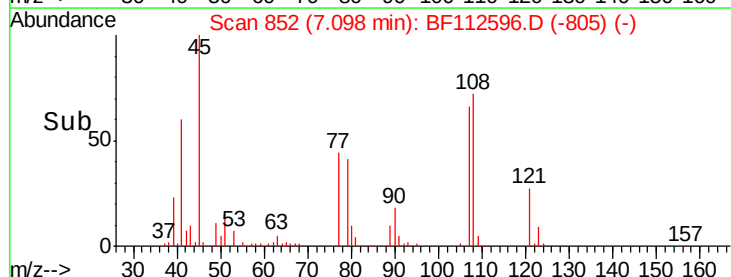
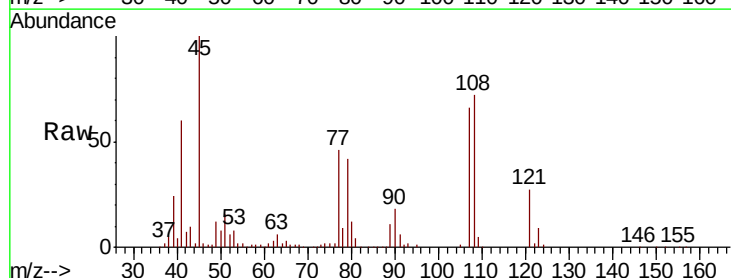
Instrument :
BNA_F
ClientSampleId :

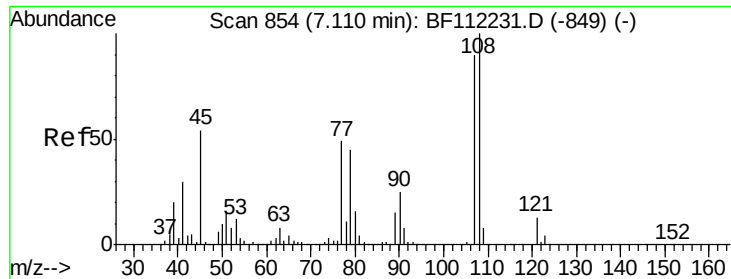
Tot Ion: 79 Resp: 243408
Ion Ratio Lower Upper
79 100
108 71.5 64.2 96.2
77 65.8 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.177 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion: 45 Resp: 303837
Ion Ratio Lower Upper
45 100
77 45.9 0.0 36.9#
79 42.2 0.0 34.0#

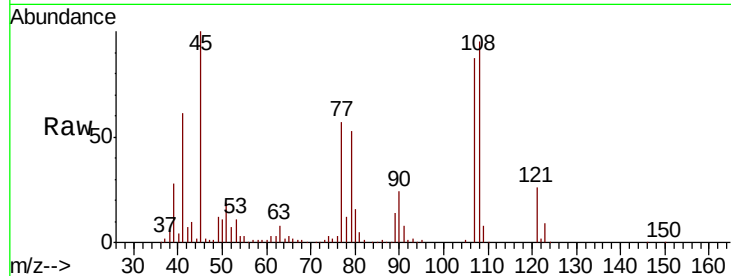




#17
2-Methylphenol
Concen: 41.397 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.3	91.3	136.9
77	65.7	39.0	58.6
79	61.1	37.0	55.4



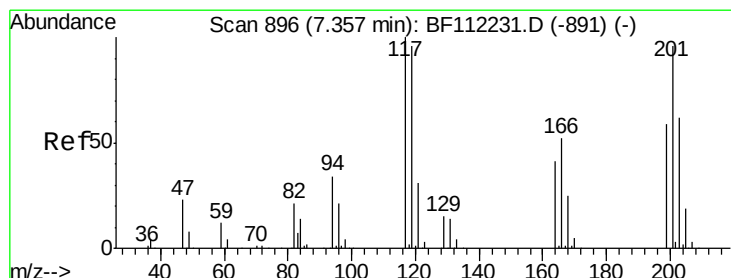
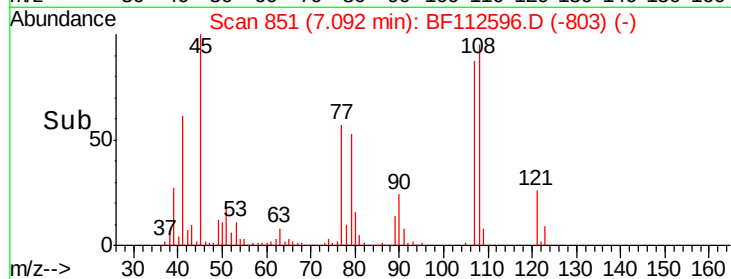
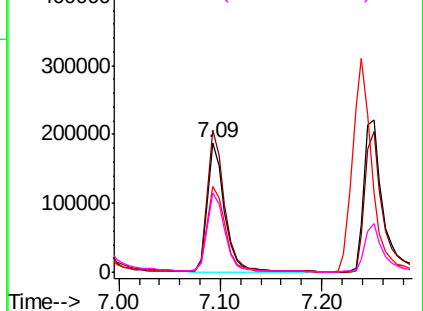
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

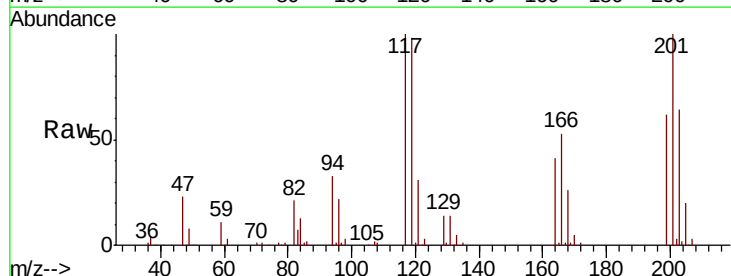
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.104 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.0	115.4
201	100.1	74.1	111.1

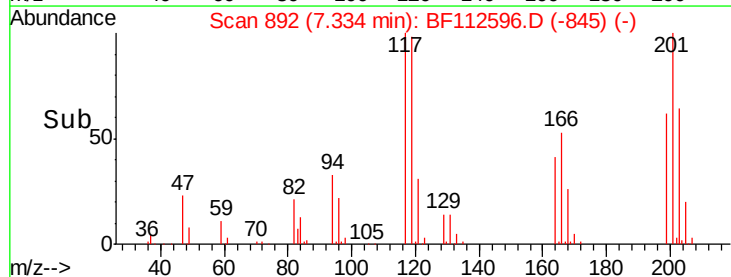
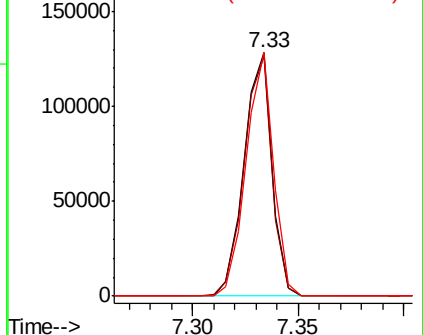


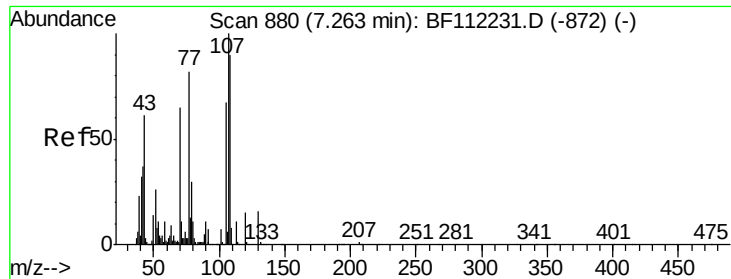
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

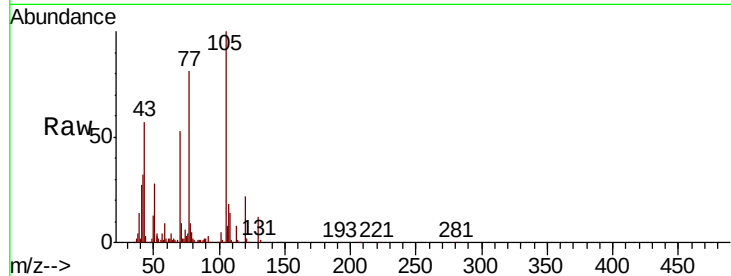




#19
n-Nitroso-di-n-propylamine
Concen: 42.792 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	206345
Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.6	71.4
101	9.8	7.9	11.9
130	23.1	18.4	27.6



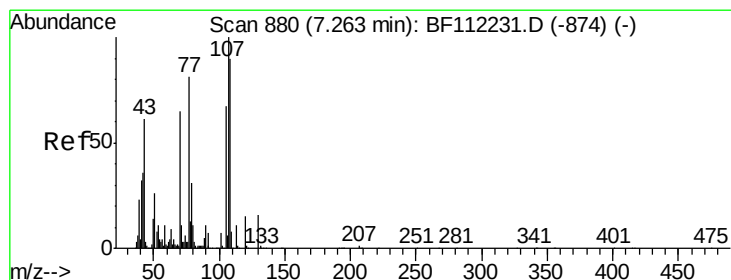
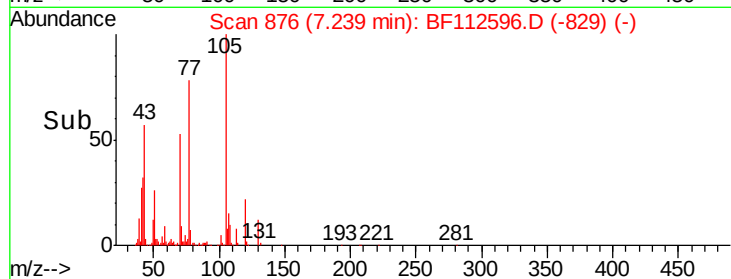
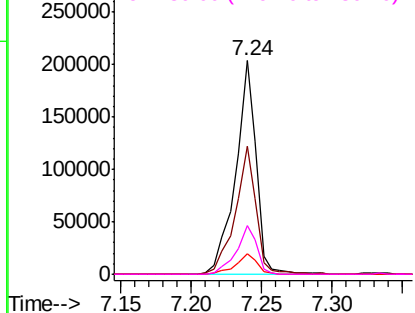
Abundance

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: 42.949 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion:	107	Resp:	294759
Ion	Ratio	Lower	Upper
107	100		
108	92.5	68.2	108.2
77	52.1	100.7	140.7#
79	31.7	7.3	47.3

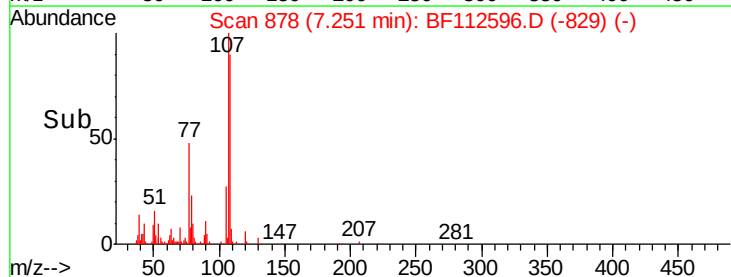
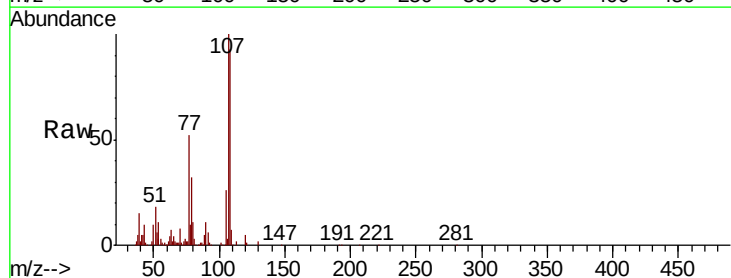
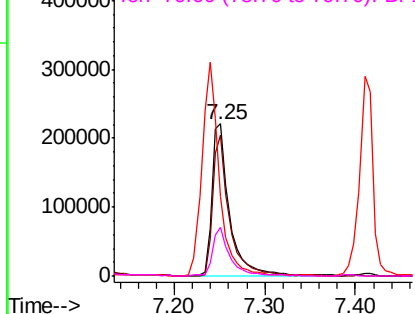
Abundance

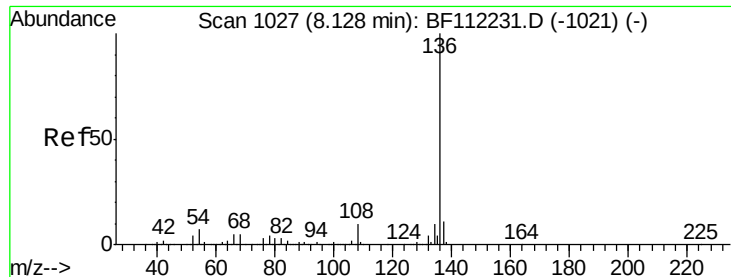
Ion 107.00 (106.70 to 107.70): E

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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 426229

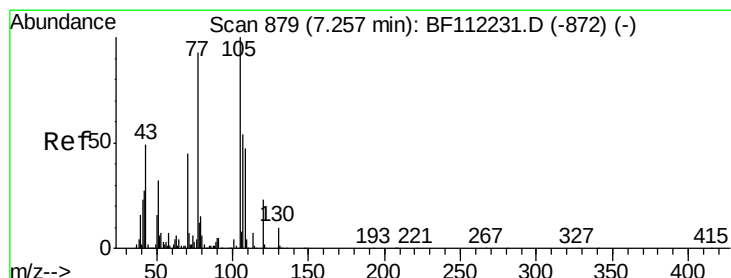
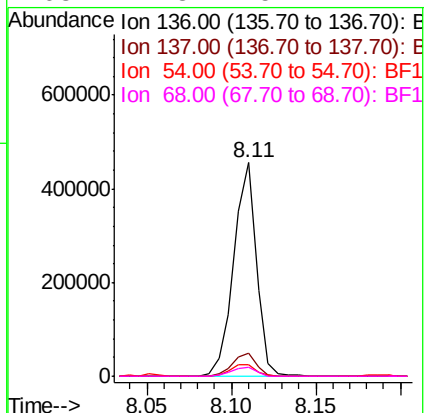
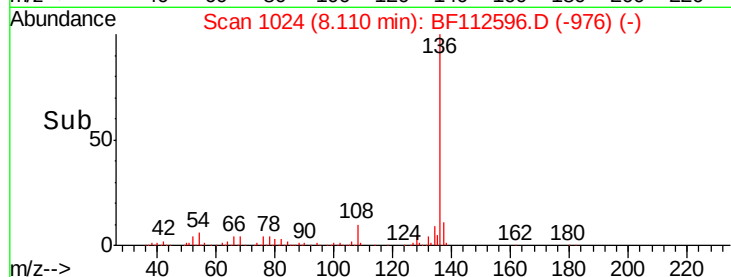
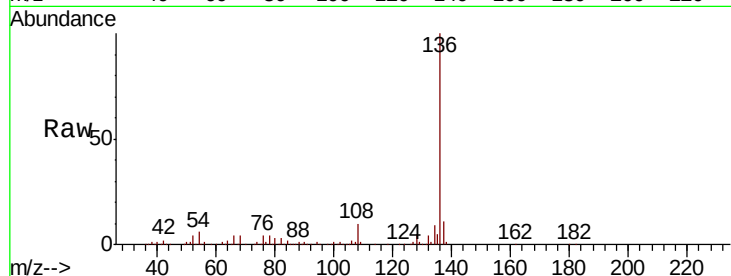
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.6 5.9 8.9#

68 4.3 5.1 7.7#



#22

Acetophenone

Concen: 40.602 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Tgt Ion:105 Resp: 421402

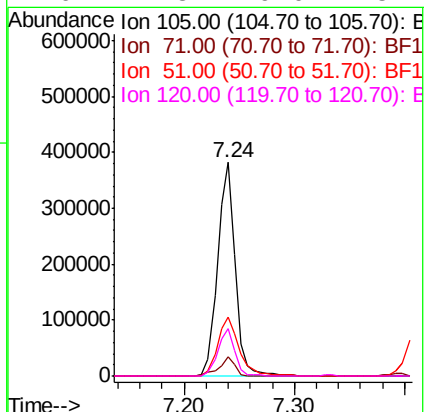
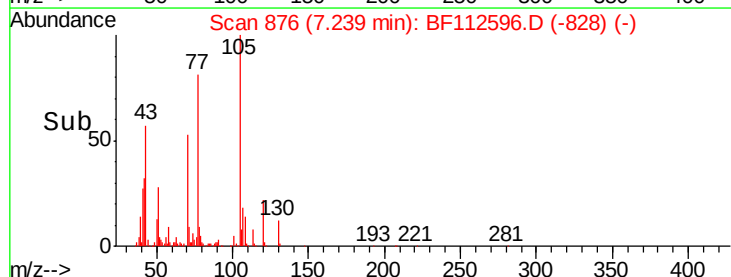
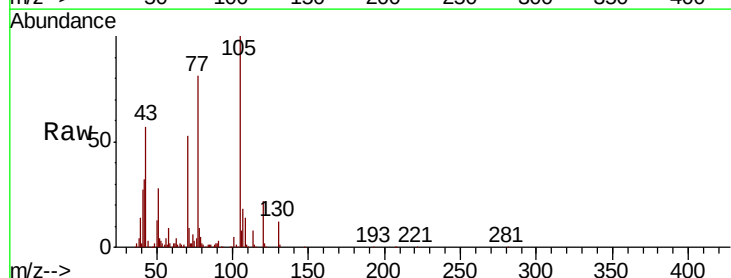
Ion Ratio Lower Upper

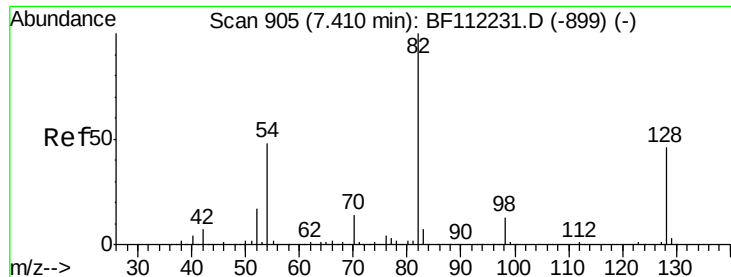
105 100

71 9.2 4.6 6.8#

51 27.9 25.0 37.6

120 22.3 19.0 28.4

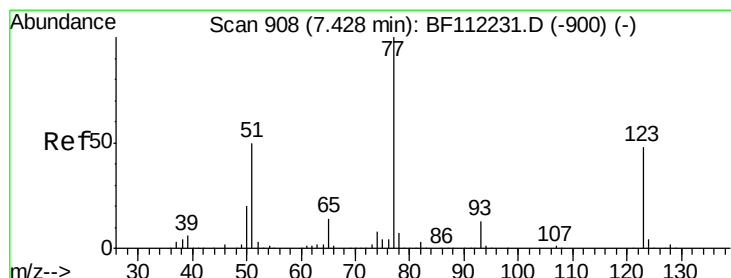
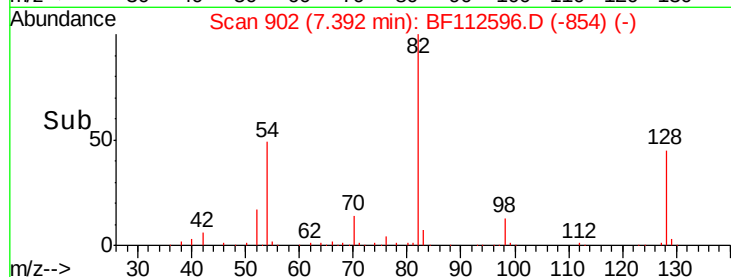
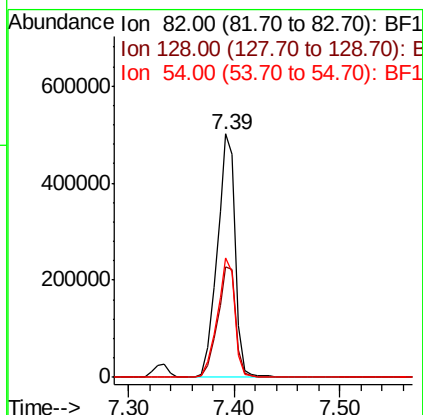
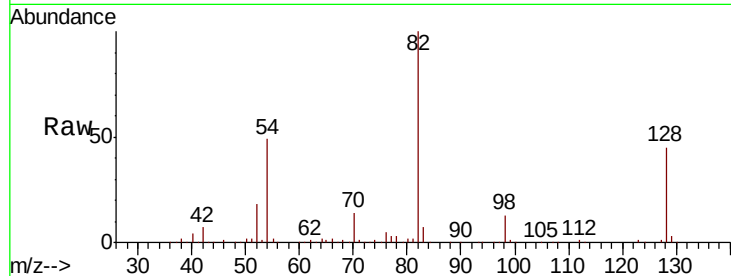




#23
 Nitrobenzene-d5
 Concen: 81.165 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

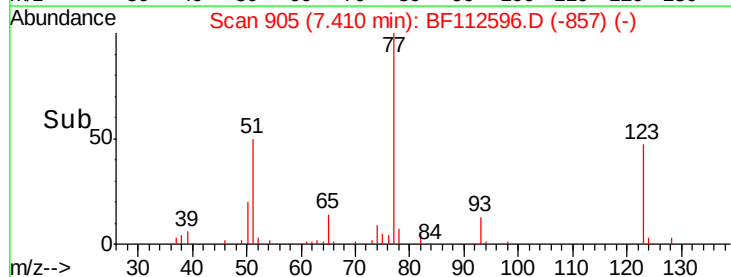
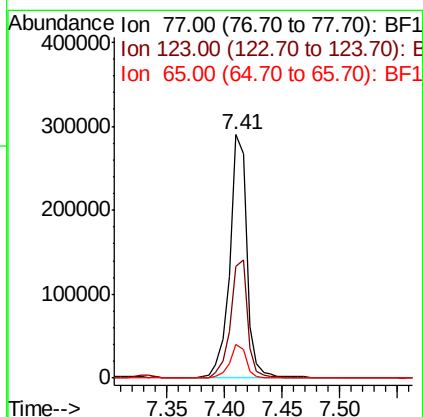
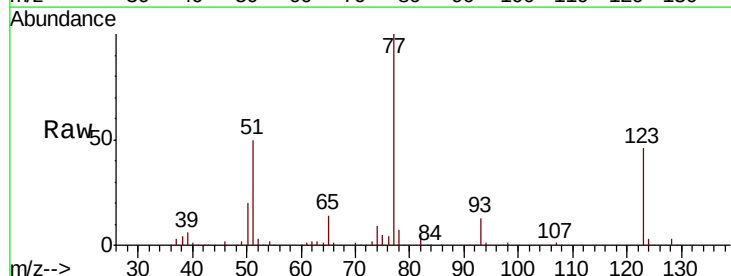
Instrument :
 BNA_F
 ClientSampleId :

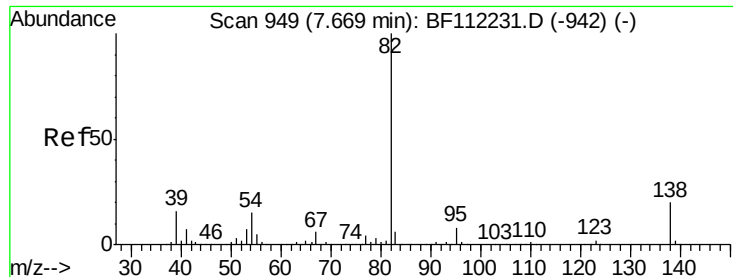
Tot Ion	82	Resp	600396
Ion Ratio	100	Lower	Upper
128	45.4	37.8	56.8
54	49.0	39.7	59.5



#24
 Nitrobenzene
 Concen: 40.049 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

Tgt Ion	77	Resp	295869
Ion Ratio	100	Lower	Upper
123	46.0	38.4	57.6
65	13.8	10.6	15.8





#25

Isophorone

Concen: 40.701 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampled :

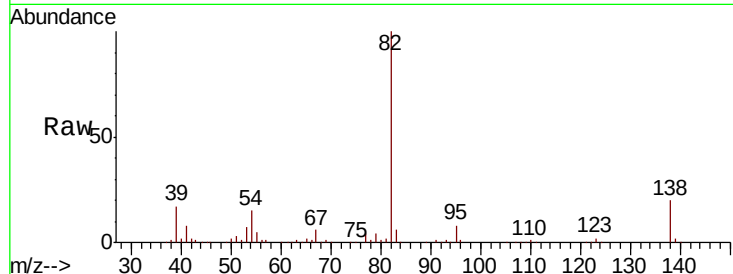
Tot Ion: 82 Resp: 472326

Ion Ratio Lower Upper

82 100

95 8.3 5.7 8.5

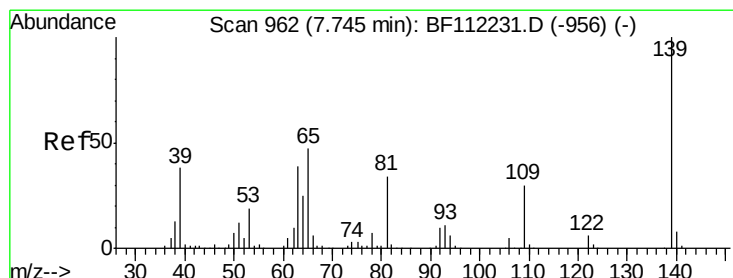
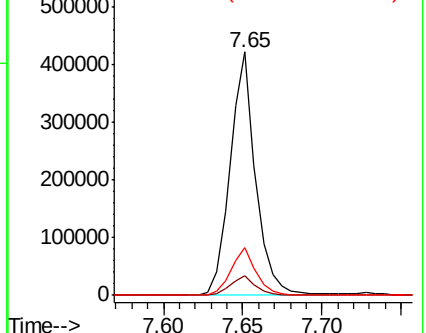
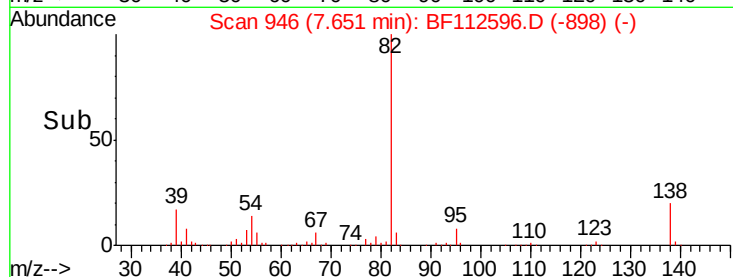
138 19.9 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.041 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

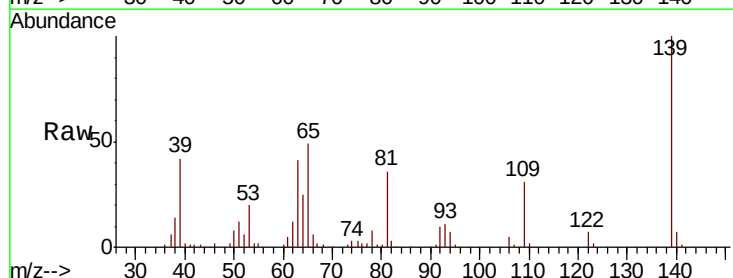
Tgt Ion: 139 Resp: 162034

Ion Ratio Lower Upper

139 100

109 31.2 20.8 31.2

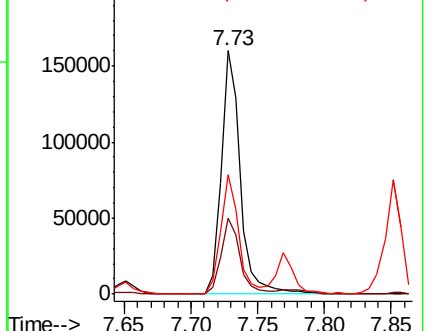
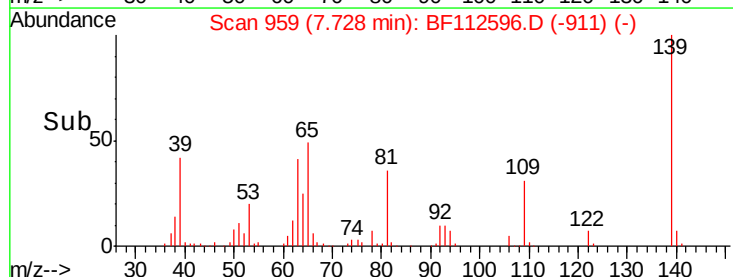
65 48.9 34.4 51.6

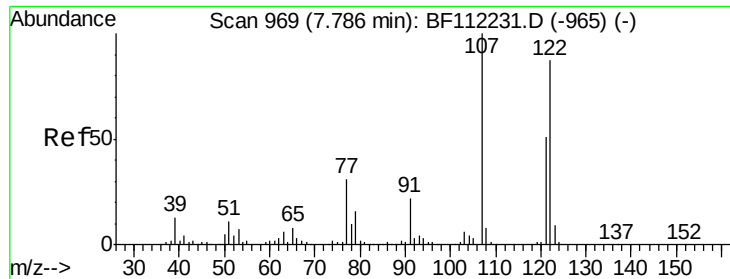


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

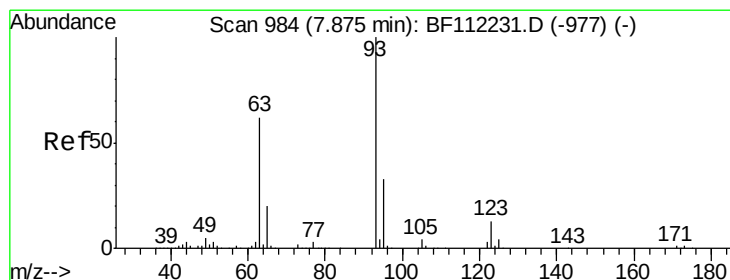
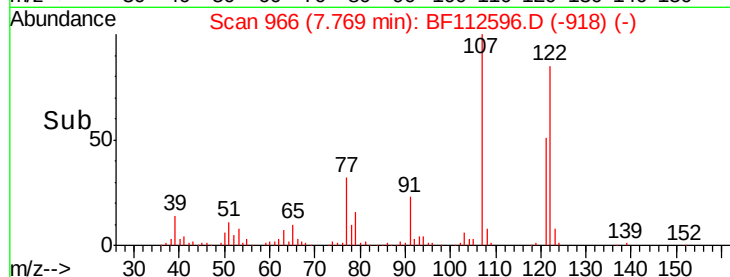
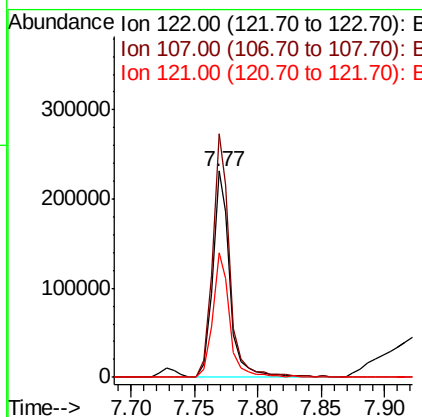
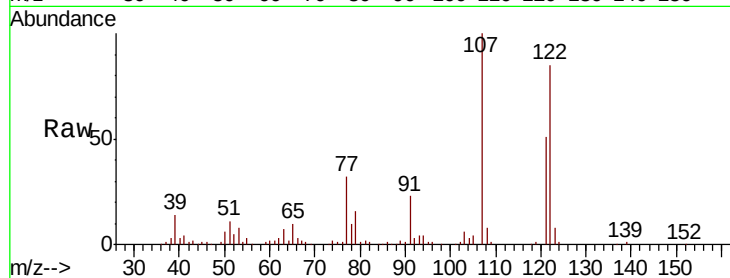




#27
2,4-Dimethylphenol
Concen: 40.161 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

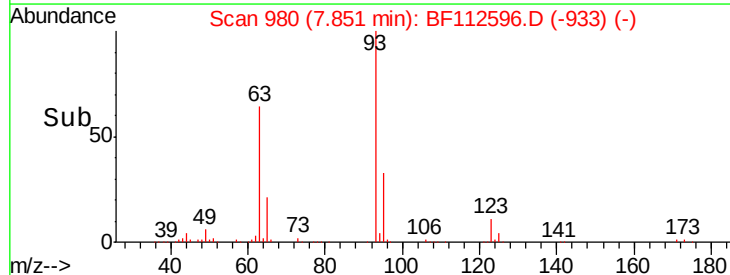
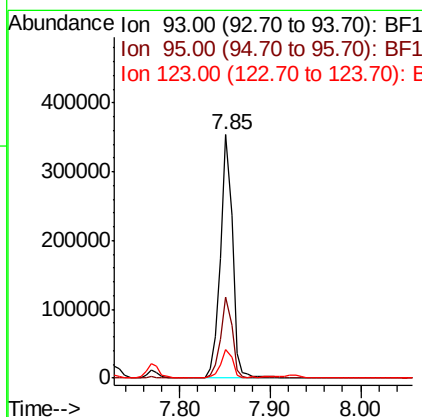
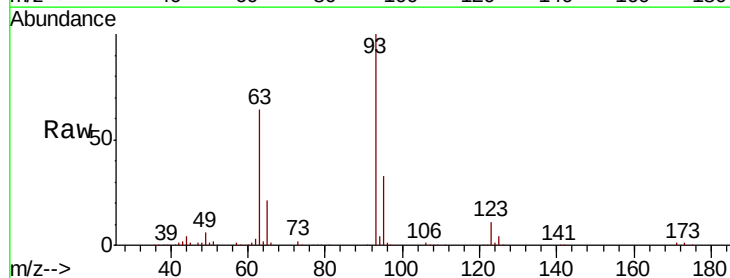
Instrument :
BNA_F
ClientSampleId :

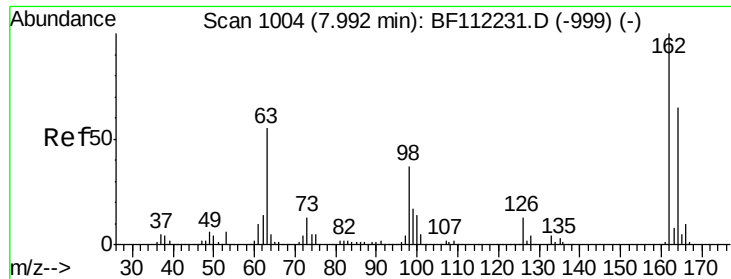
Tot Ion:122 Resp: 218458
Ion Ratio Lower Upper
122 100
107 118.3 85.4 128.0
121 60.4 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.669 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion: 93 Resp: 321358
Ion Ratio Lower Upper
93 100
95 33.2 26.8 40.2
123 11.5 10.2 15.2

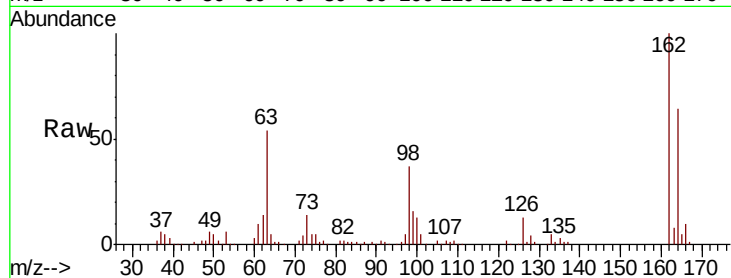




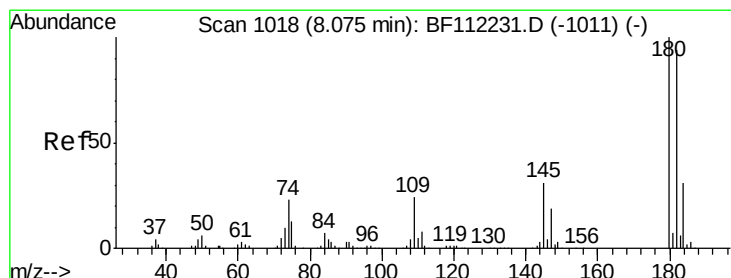
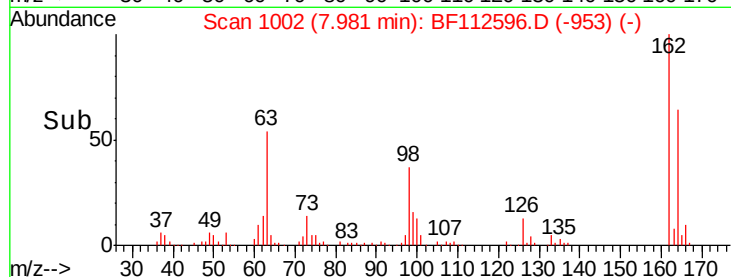
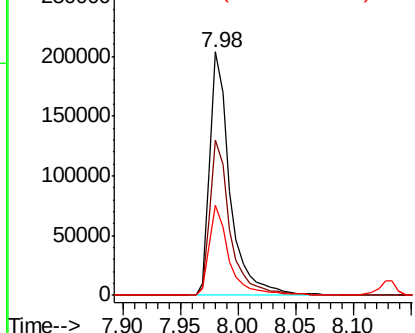
#29
 2,4-Dichlorophenol
 Concen: 41.183 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:162 Resp: 250693
 Ion Ratio Lower Upper
 162 100
 164 63.6 44.6 84.6
 98 37.1 14.6 54.6

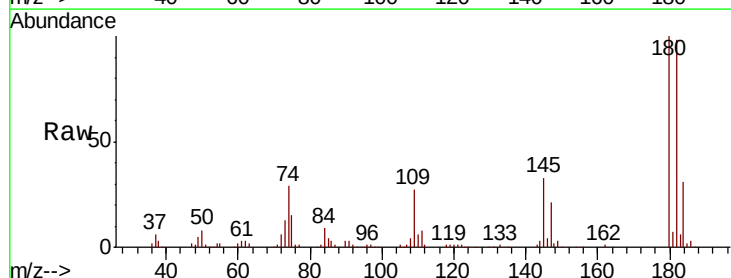


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

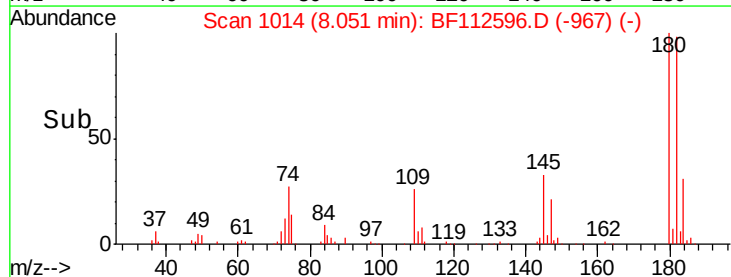
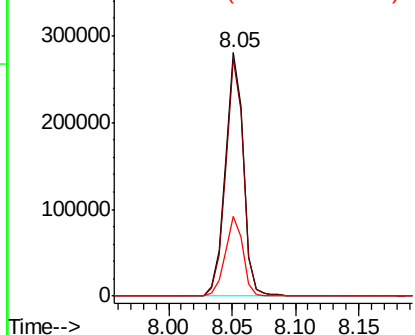


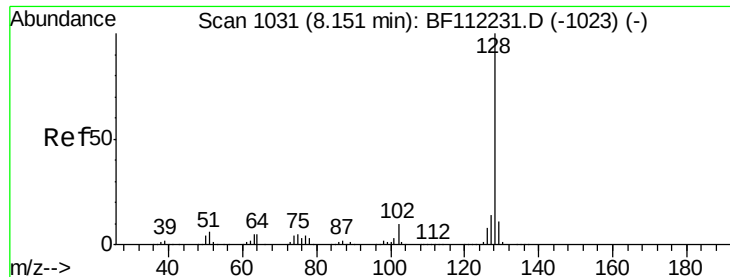
#30
 1,2,4-Trichlorobenzene
 Concen: 39.373 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

Tgt Ion:180 Resp: 275494
 Ion Ratio Lower Upper
 180 100
 182 97.5 76.4 114.6
 145 32.7 25.0 37.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

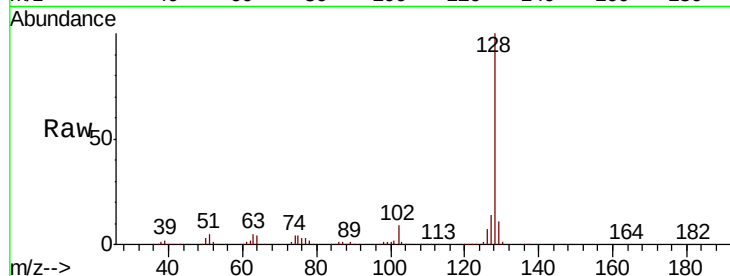




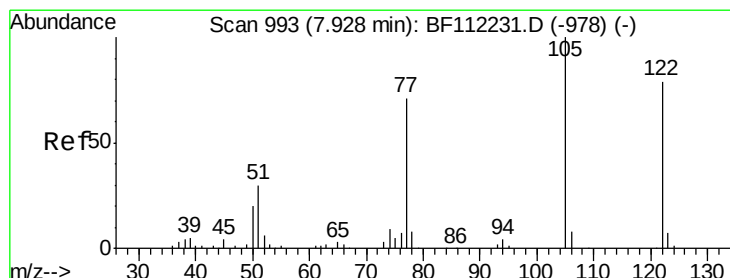
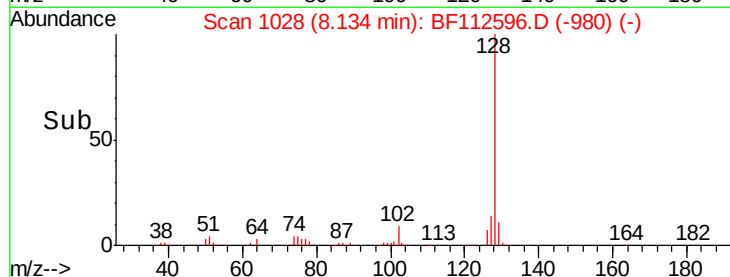
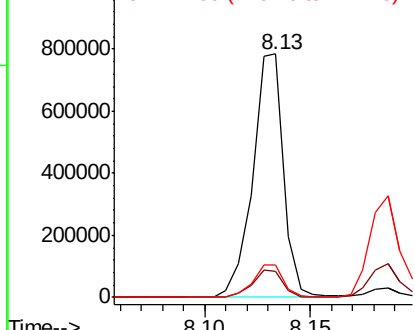
#31
Naphthalene
Concen: 39.998 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 797258
Ion Ratio Lower Upper
128 100
129 10.5 9.6 14.4
127 13.5 11.1 16.7

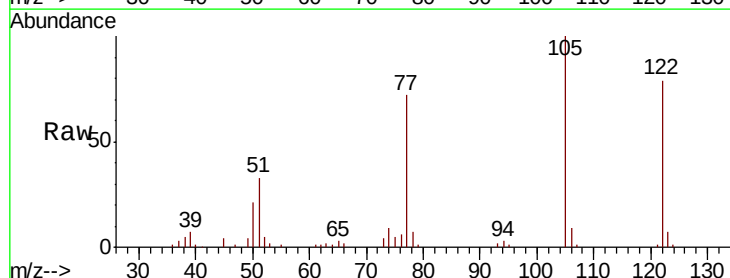


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

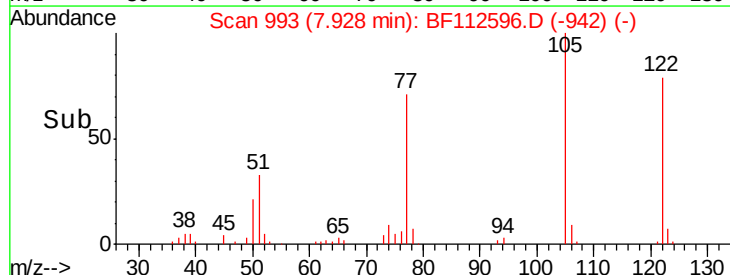
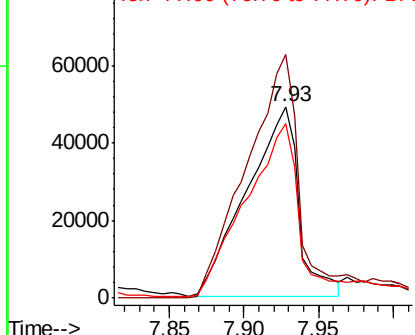


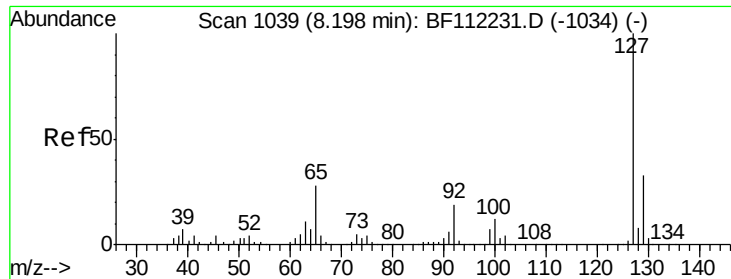
#32
Benzoic acid
Concen: 38.175 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion:122 Resp: 118450
Ion Ratio Lower Upper
122 100
105 127.0 101.2 141.2
77 91.1 70.4 110.4



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

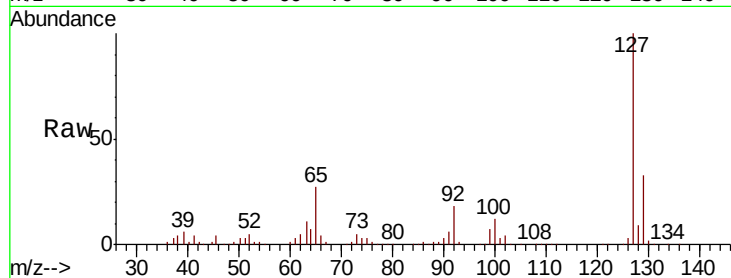




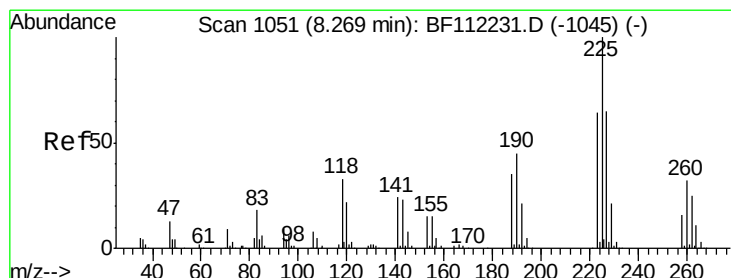
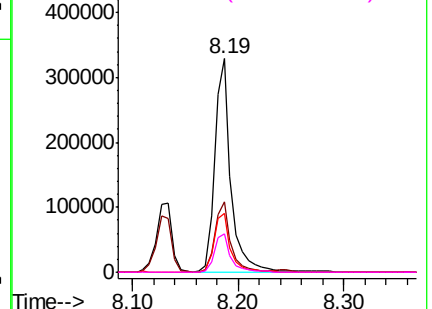
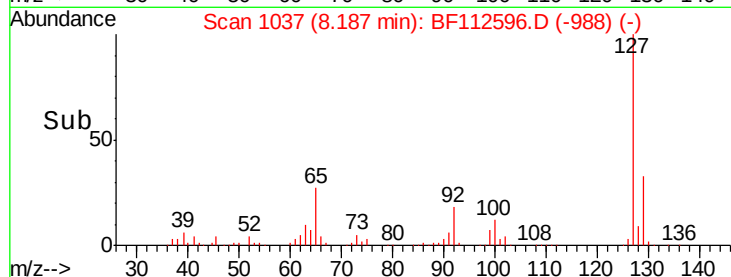
#33
4-Chloroaniline
Concen: 40.411 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	350725
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	39.8
65	27.4	21.4	32.2
92	18.1	14.2	21.2

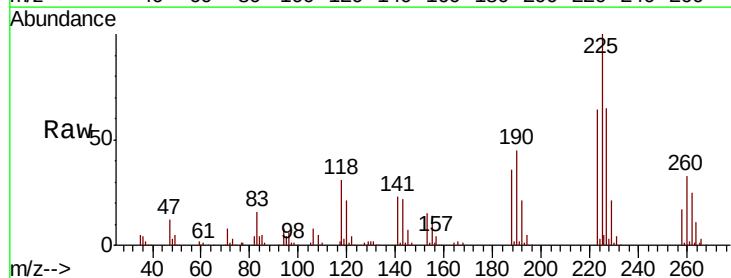


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

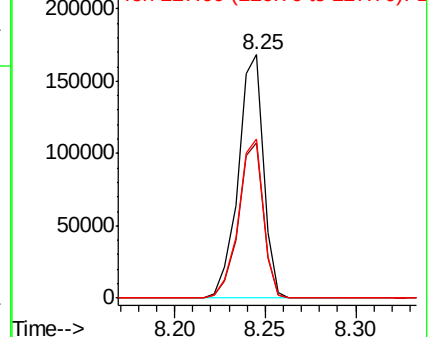
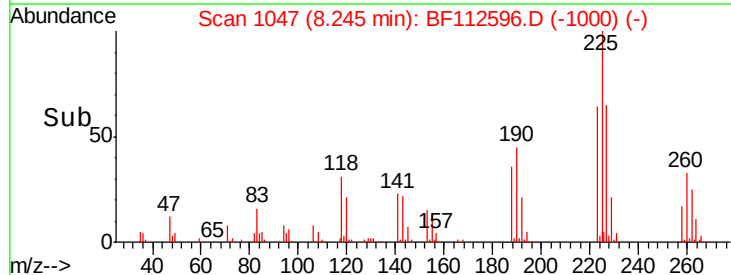


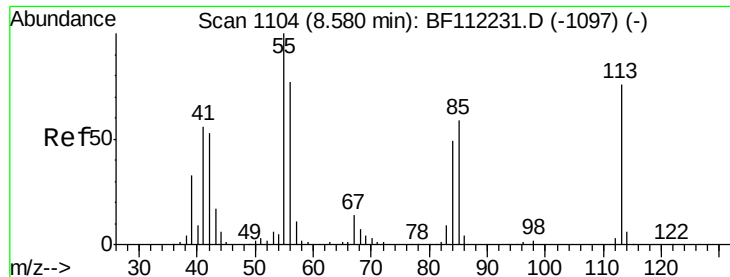
#34
Hexachlorobutadiene
Concen: 39.852 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion:	225	Resp:	163633
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.3	75.5
227	65.2	51.8	77.8



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

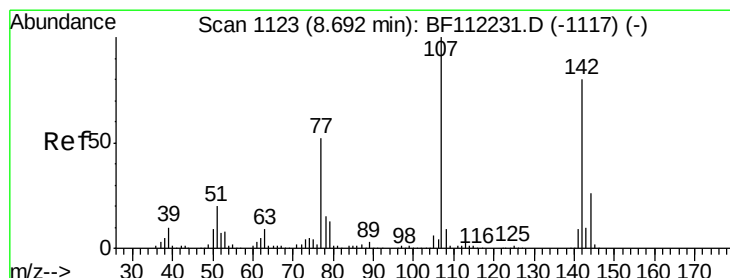
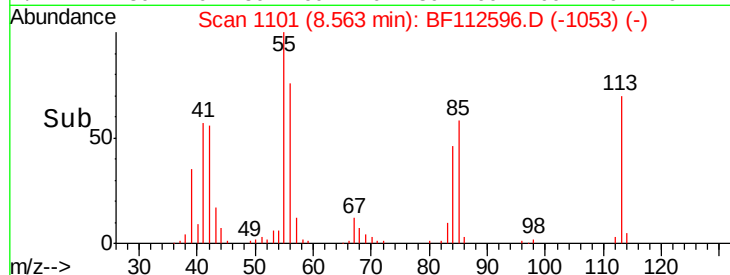
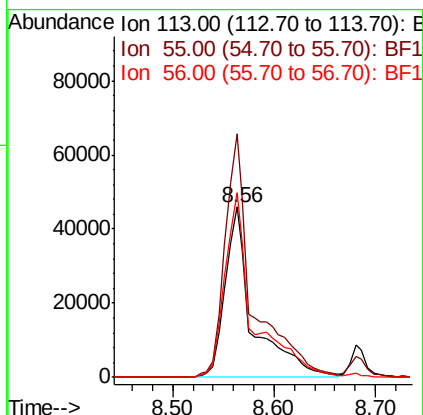
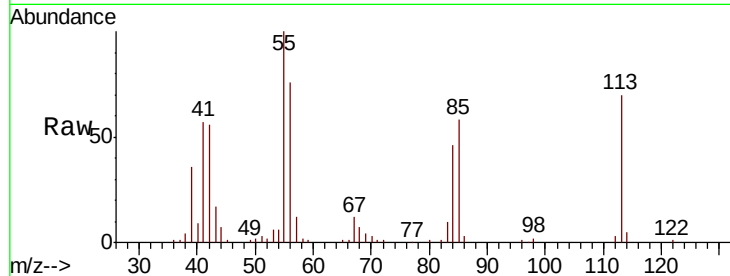




#35
Caprolactam
Concen: 41.107 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

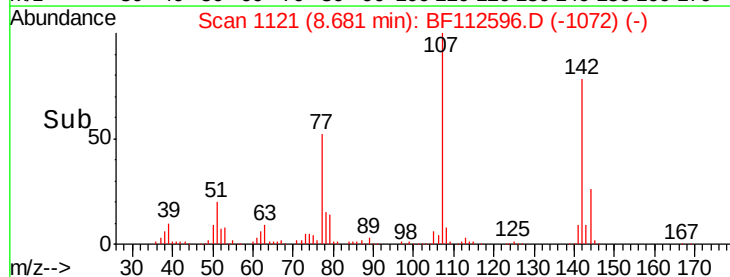
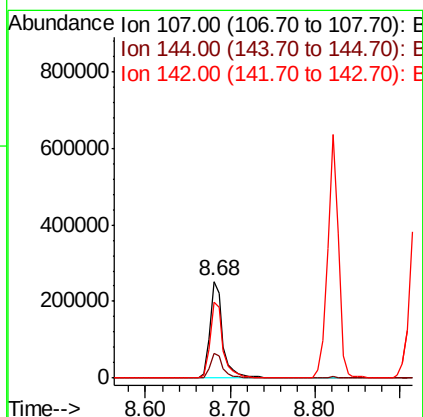
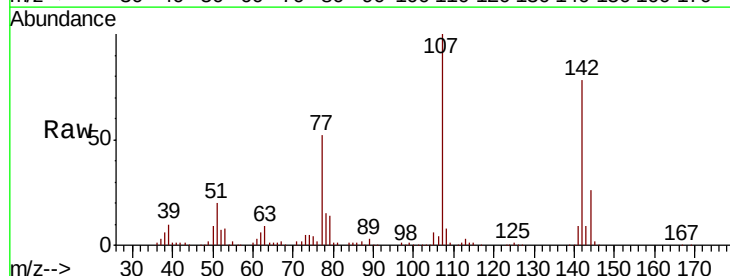
Instrument :
BNA_F
ClientSampleId :

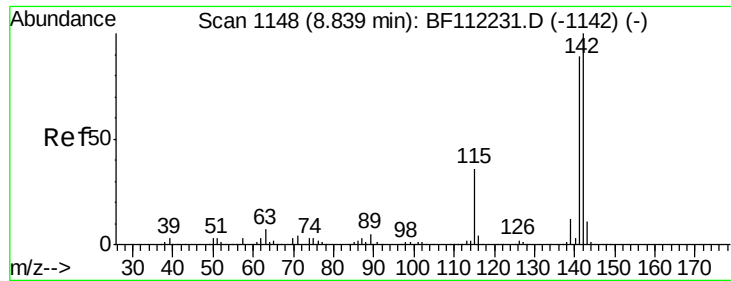
Tot Ion:113 Resp: 88273
Ion Ratio Lower Upper
113 100
55 143.0 121.6 161.6
56 108.7 86.7 126.7



#36
4-Chloro-3-methylphenol
Concen: 42.137 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion:107 Resp: 271532
Ion Ratio Lower Upper
107 100
144 25.5 22.2 33.2
142 78.4 67.7 101.5

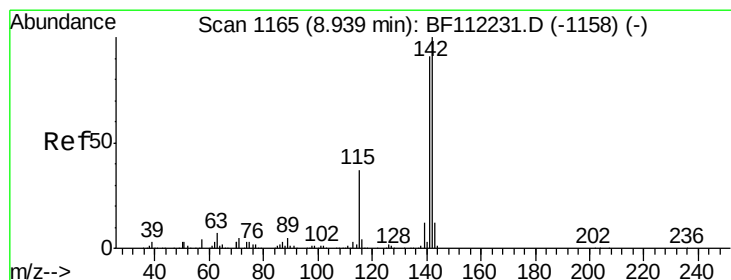
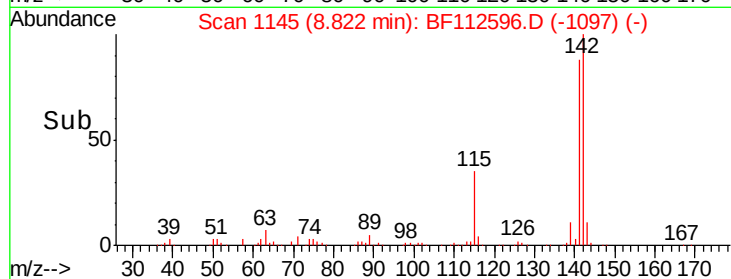
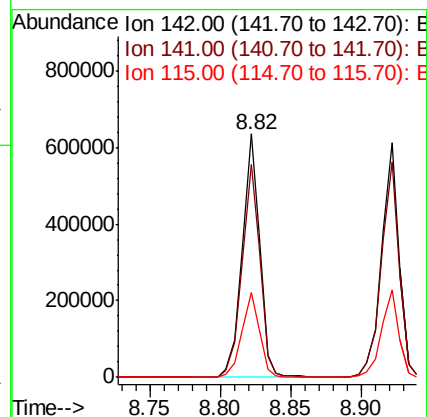
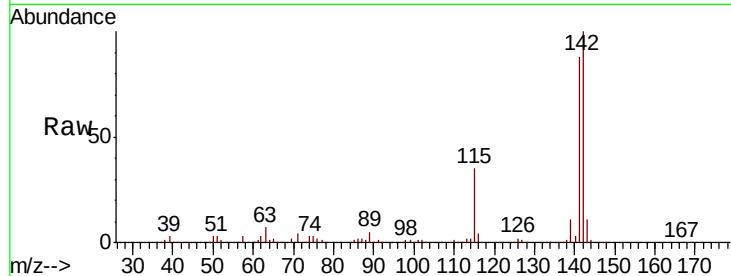




#37
2-Methylnaphthalene
Concen: 40.352 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

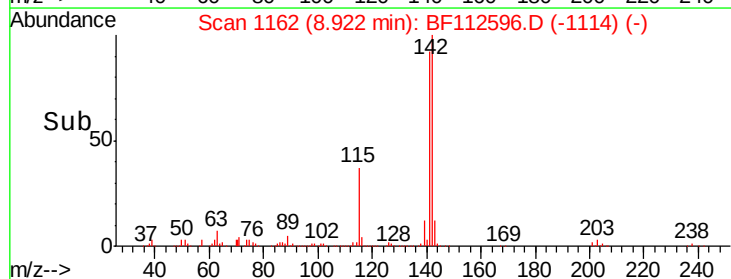
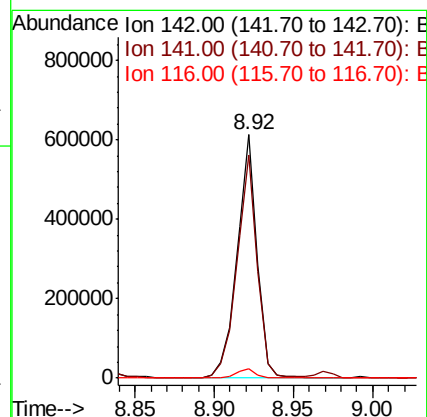
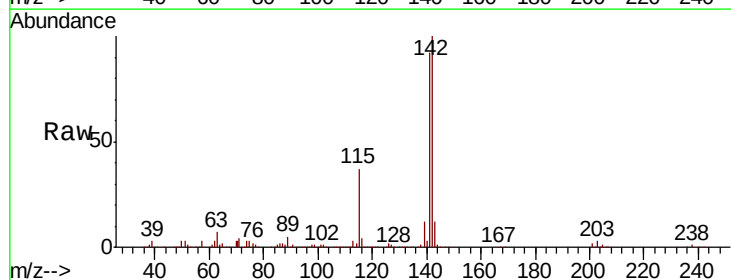
Instrument :
BNA_F
ClientSampleId :

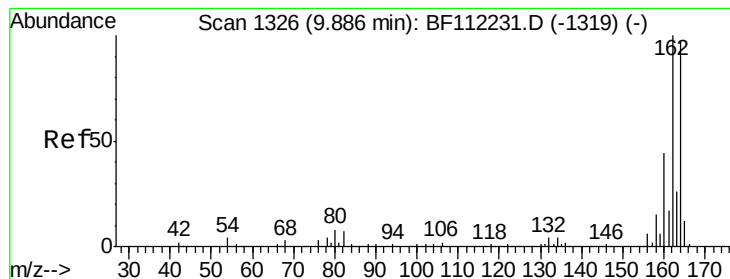
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.9	106.3
115	35.0	24.9	37.3



#38
1-Methylnaphthalene
Concen: 40.288 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.6	108.8
116	3.8	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampleId :

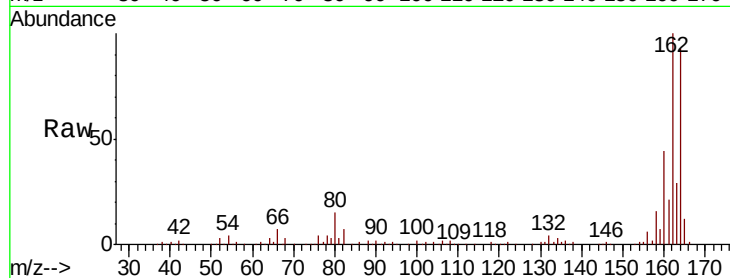
Tot Ion:164 Resp: 220488

Ion Ratio Lower Upper

164 100

162 107.6 82.2 123.4

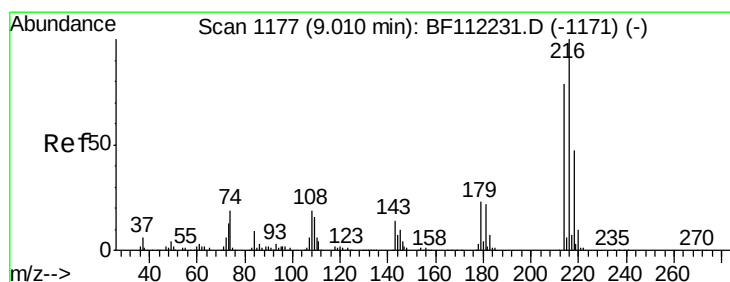
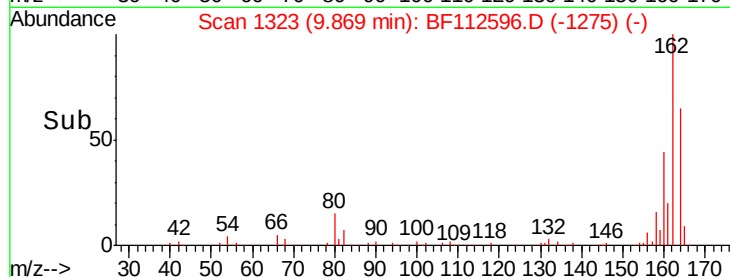
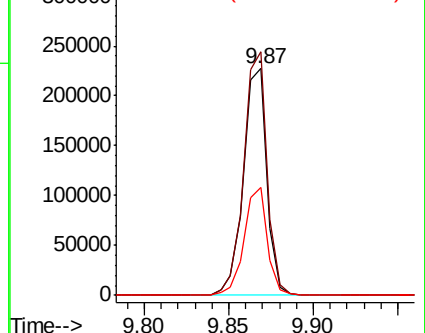
160 47.6 36.2 54.4



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: 38.454 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Tgt Ion:216 Resp: 278387

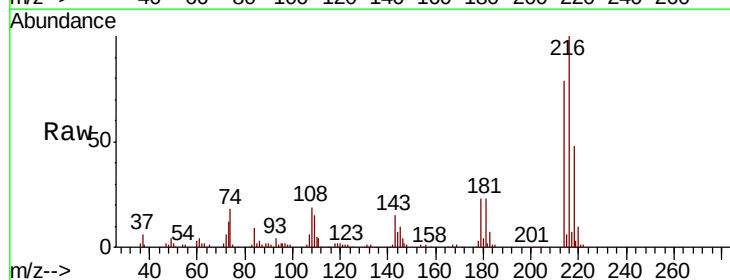
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.6

179 23.0 16.9 25.3

108 19.3 14.2 21.4

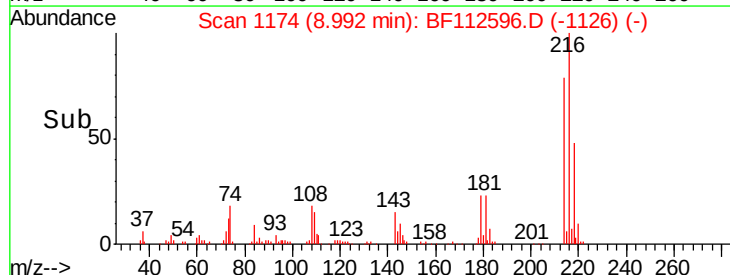
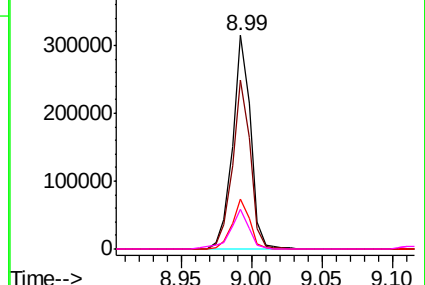


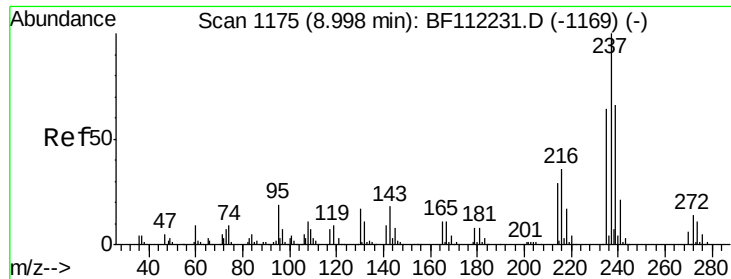
Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.094 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.03 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampleId :

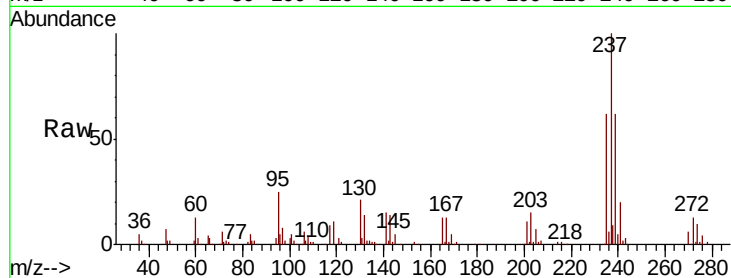
Tot Ion:237 Resp: 92130

Ion Ratio Lower Upper

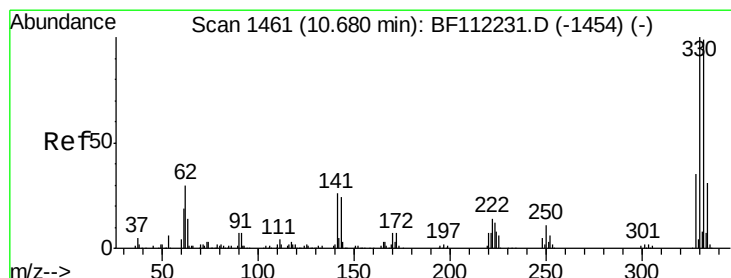
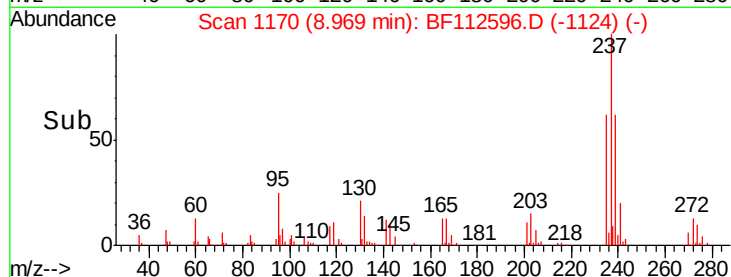
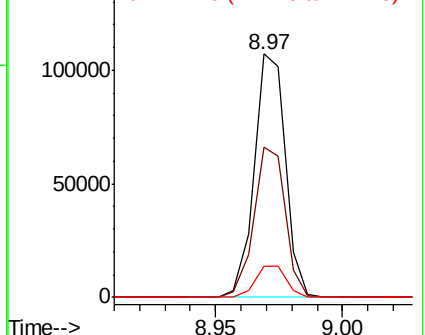
237 100

235 61.9 44.0 84.0

272 12.7 0.0 33.3



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: 83.426 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

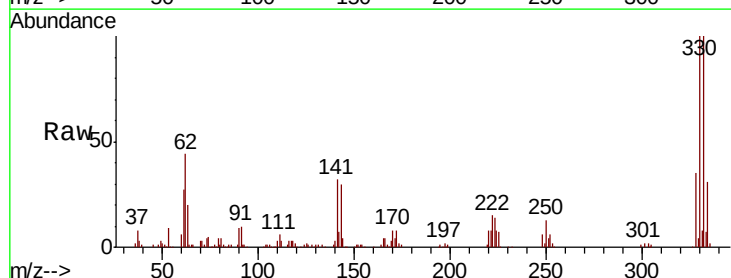
Tgt Ion:330 Resp: 214107

Ion Ratio Lower Upper

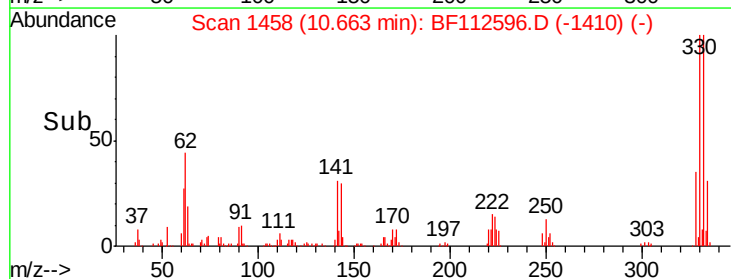
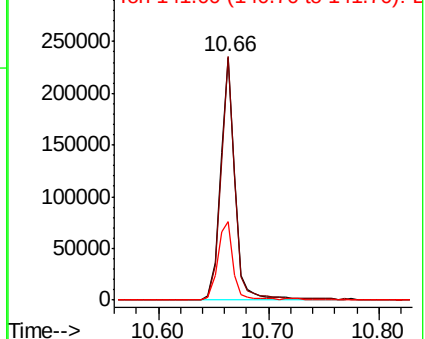
330 100

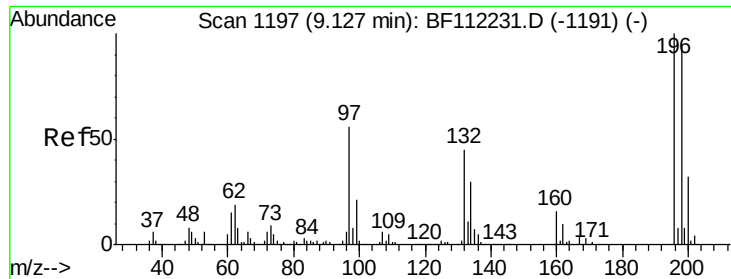
332 98.8 76.6 114.8

141 34.6 24.3 36.5



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

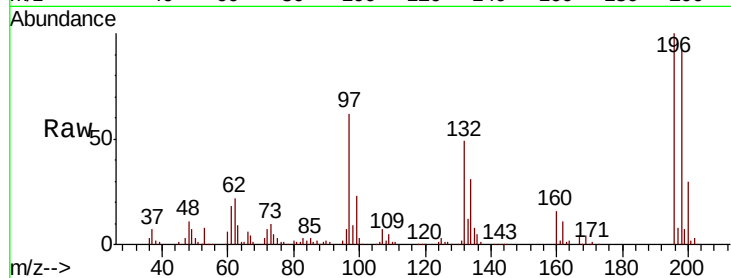




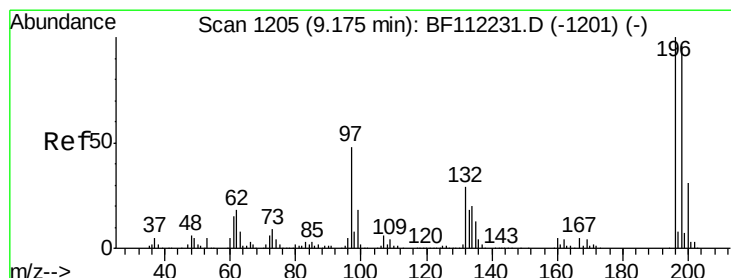
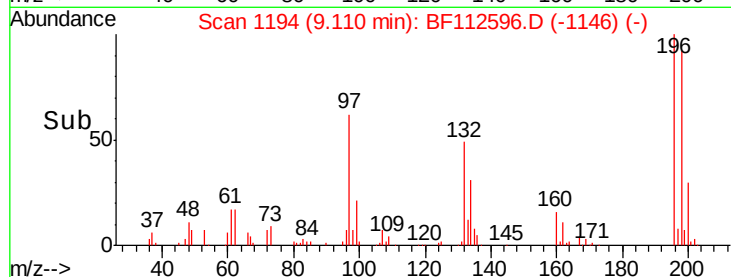
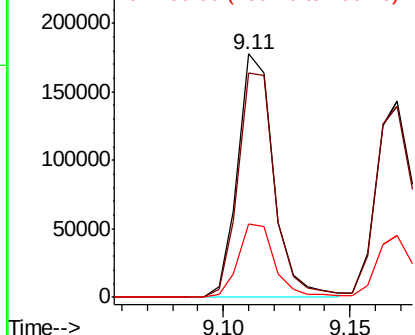
#43
 2,4,6-Trichlorophenol
 Concen: 39.432 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	175965
Ion	Ratio	Lower Upper
196	100	
198	92.4	76.2 114.4
200	30.0	24.3 36.5

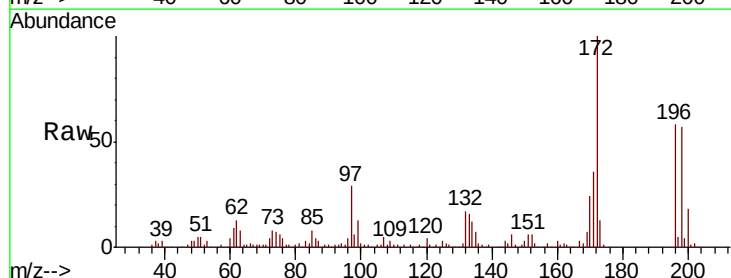


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

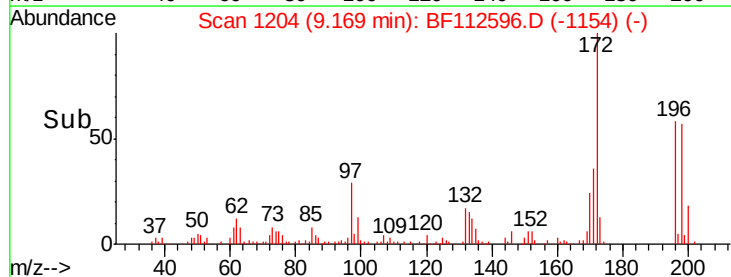
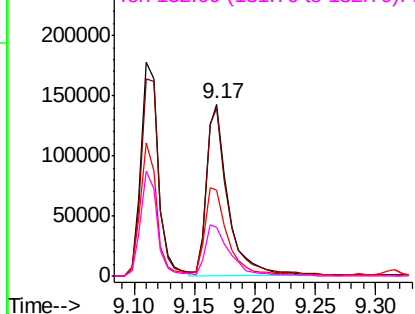


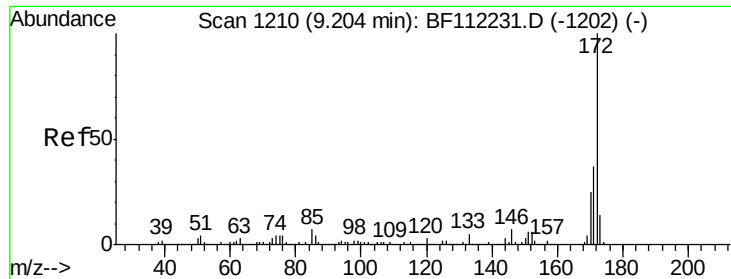
#44
 2,4,5-Trichlorophenol
 Concen: 37.318 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

Tgt Ion:196	Resp:	174044
Ion	Ratio	Lower Upper
196	100	
198	97.4	76.0 114.0
97	50.2	36.4 54.6
132	28.7	21.5 32.3



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

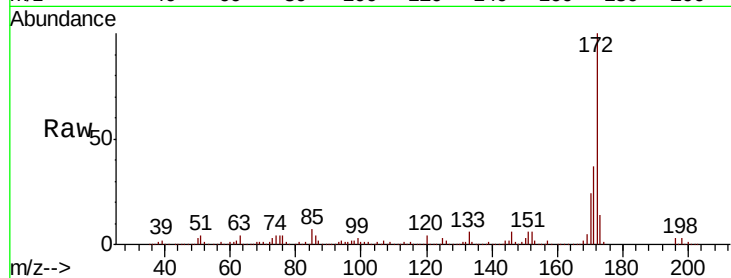




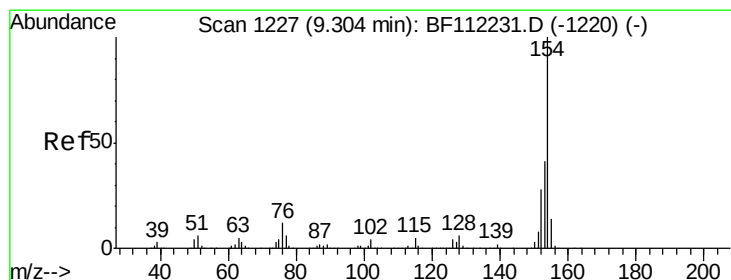
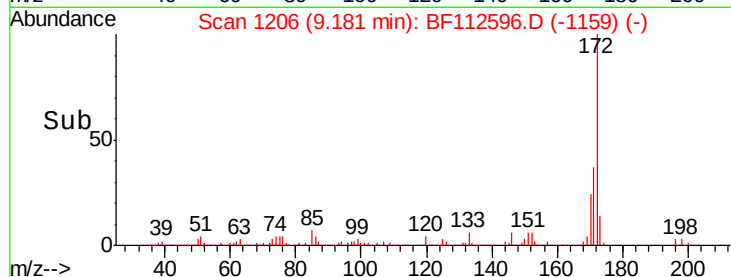
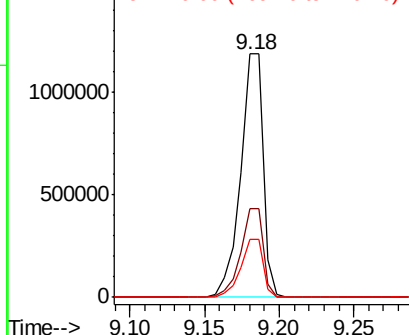
#45
2-Fluorobiphenyl
Concen: 80.189 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1250113
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 23.9 20.2 30.4

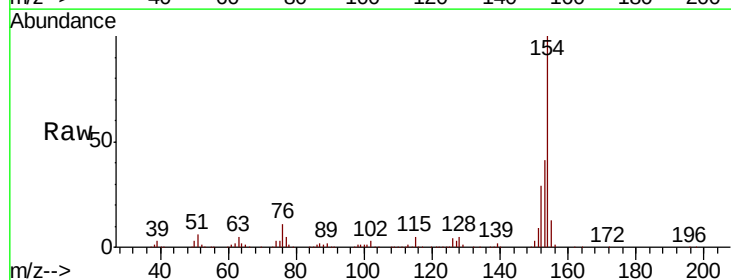


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

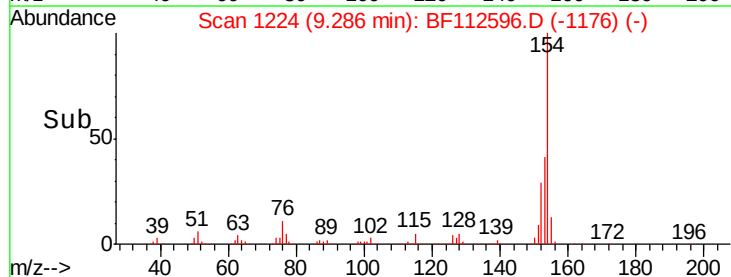
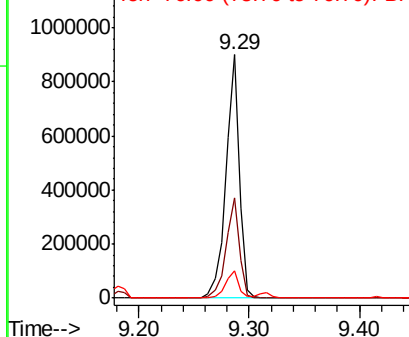


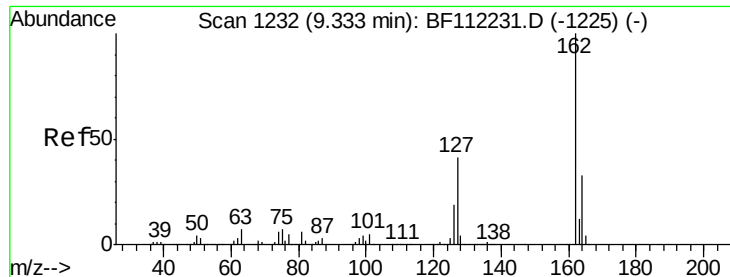
#46
1,1'-Biphenyl
Concen: 39.823 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion:154 Resp: 767625
Ion Ratio Lower Upper
154 100
153 41.2 21.5 61.5
76 11.0 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

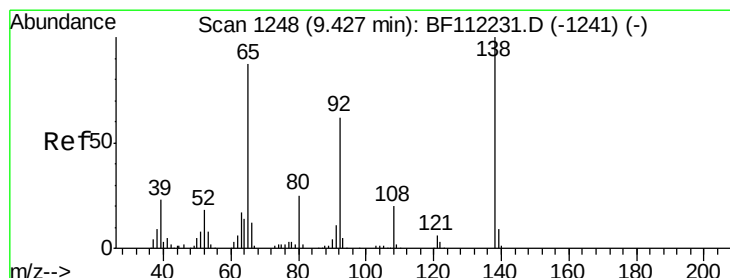
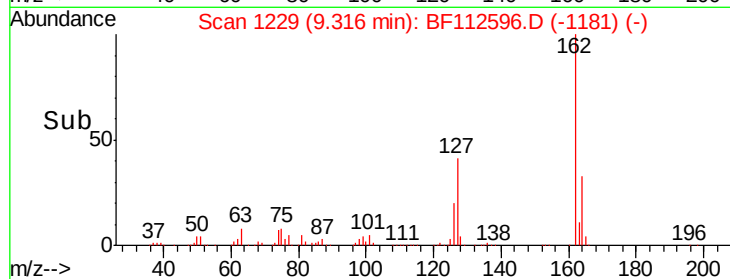
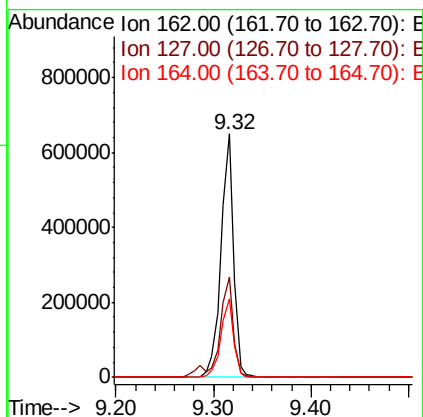
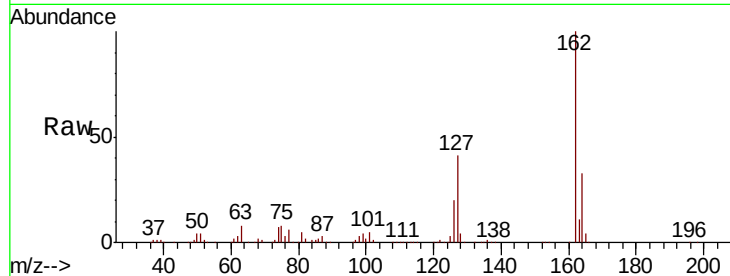




#47
 2-Chloronaphthalene
 Concen: 39.124 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

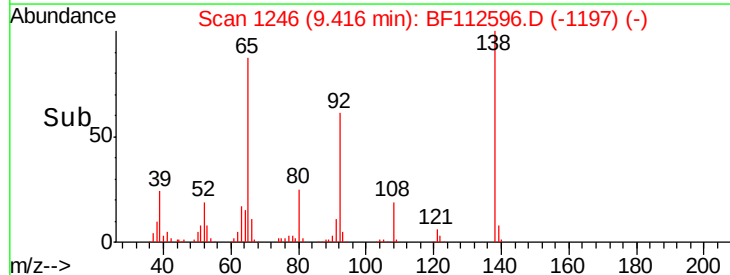
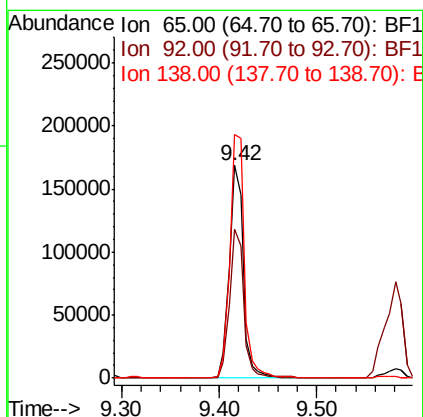
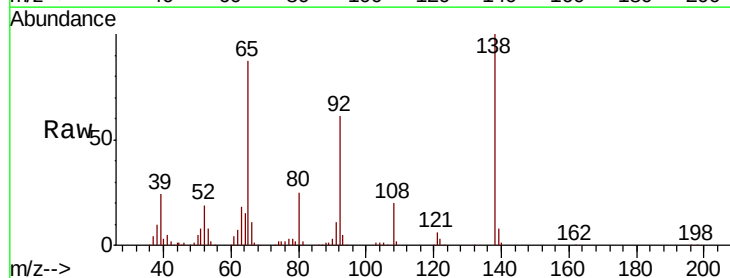
Instrument :
 BNA_F
 ClientSampleId :

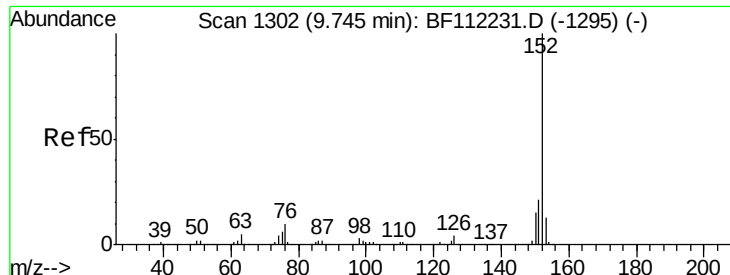
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	30.4	45.6
164	32.5	27.4	41.2



#48
 2-Nitroaniline
 Concen: 41.841 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	60.4	90.6
138	114.6	104.4	156.6





#49

Acenaphthylene

Concen: 39.760 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampleId :

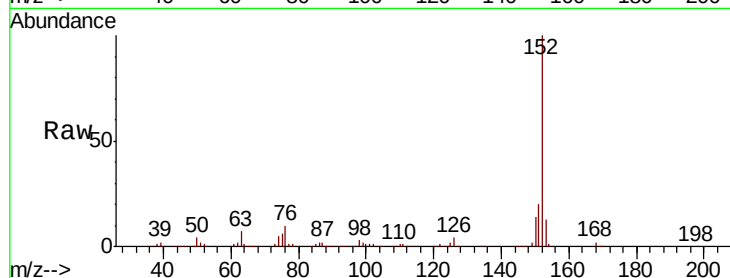
Tot Ion:152 Resp: 871109

Ion Ratio Lower Upper

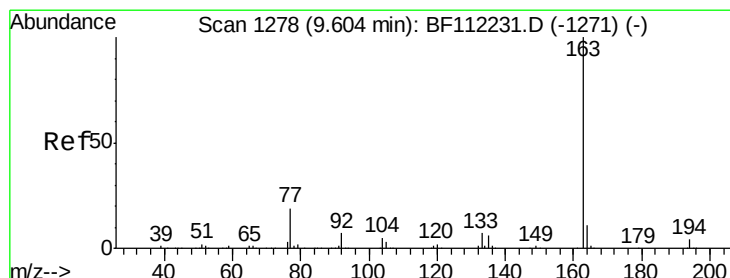
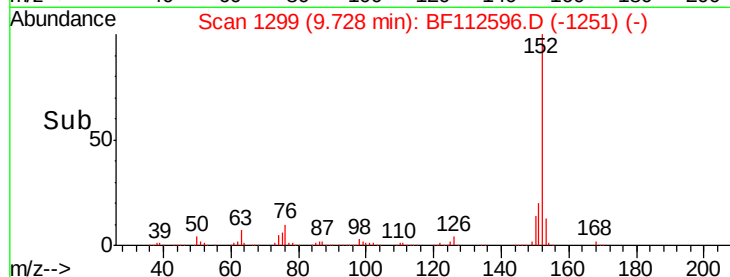
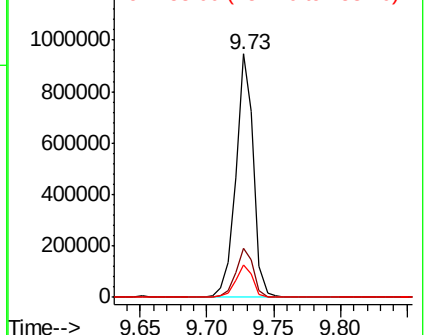
152 100

151 20.1 17.0 25.6

153 13.1 11.2 16.8



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: 39.472 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

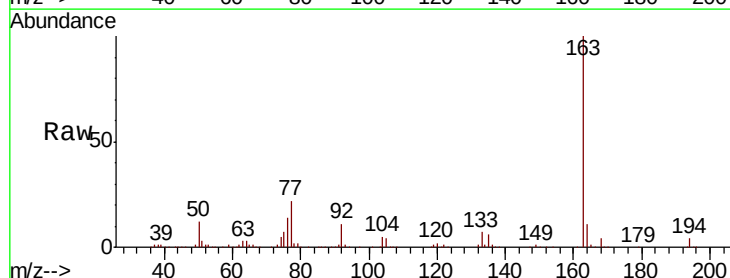
Tgt Ion:163 Resp: 676183

Ion Ratio Lower Upper

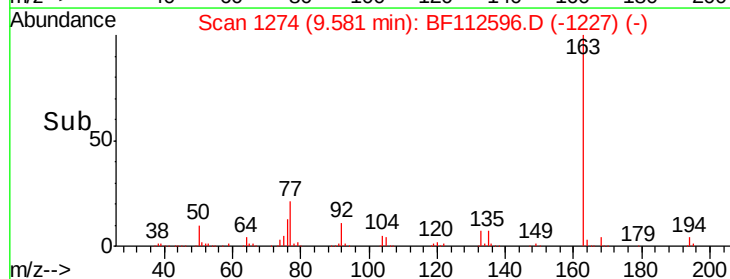
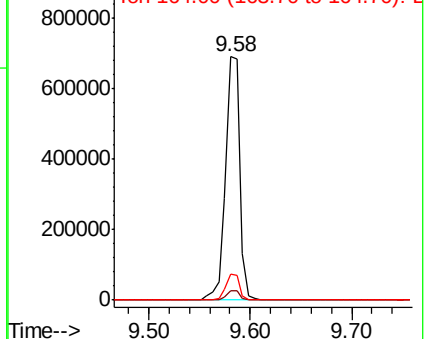
163 100

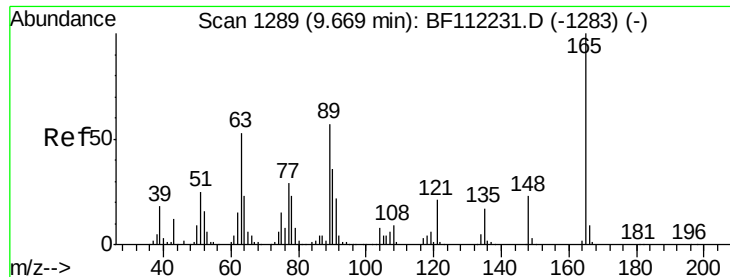
194 3.7 3.3 4.9

164 10.5 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.837 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampleId :

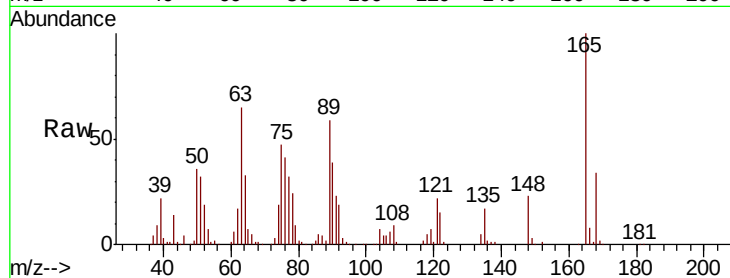
Tot Ion:165 Resp: 152841

Ion Ratio Lower Upper

165 100

63 65.4 33.8 50.8#

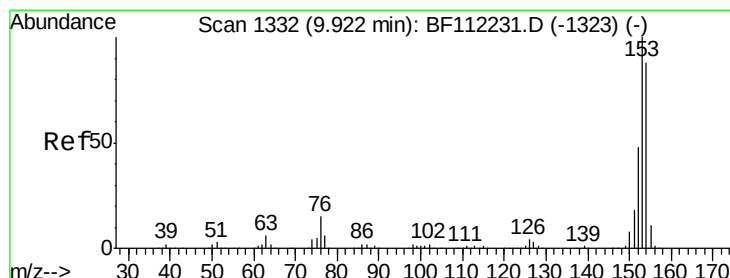
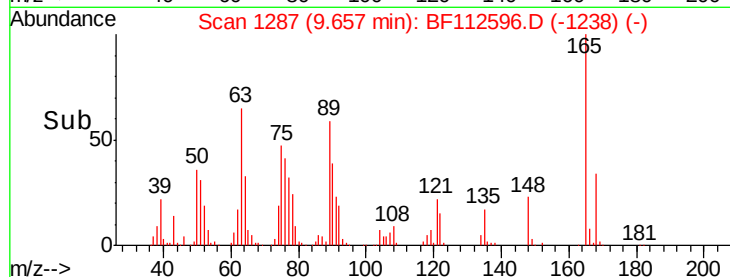
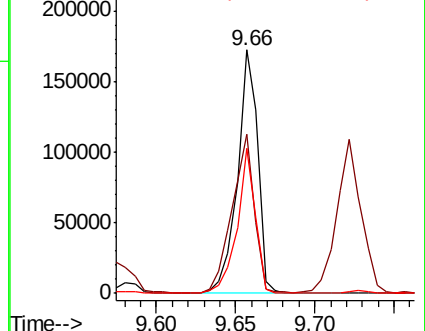
89 59.5 36.9 55.3#



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: 40.141 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

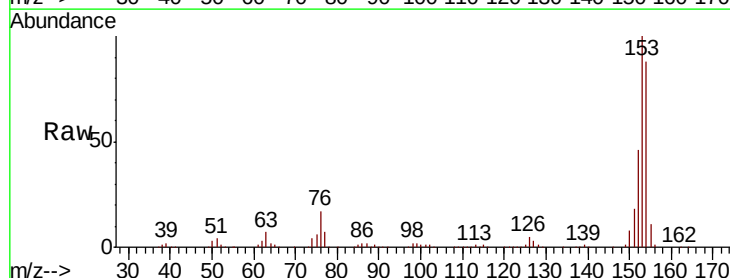
Tgt Ion:154 Resp: 525367

Ion Ratio Lower Upper

154 100

153 113.6 89.8 134.6

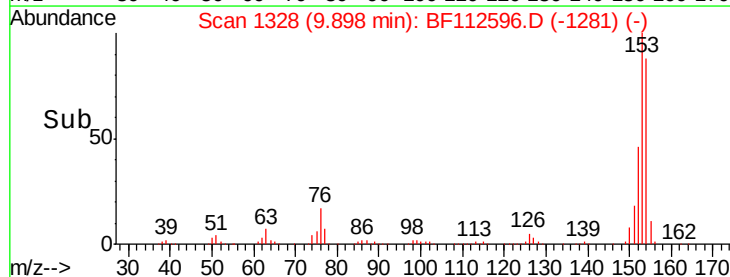
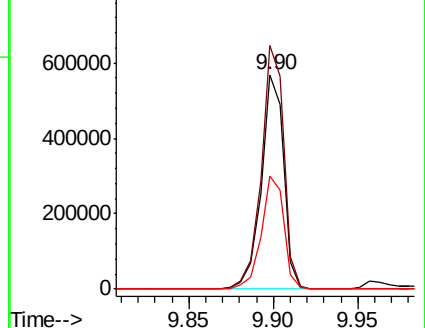
152 52.7 43.5 65.3

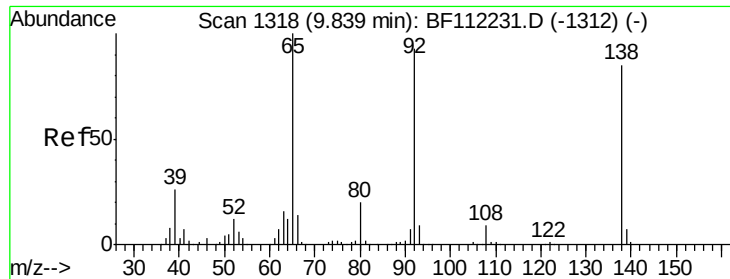


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

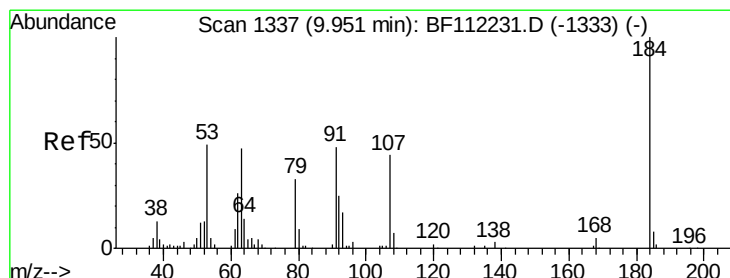
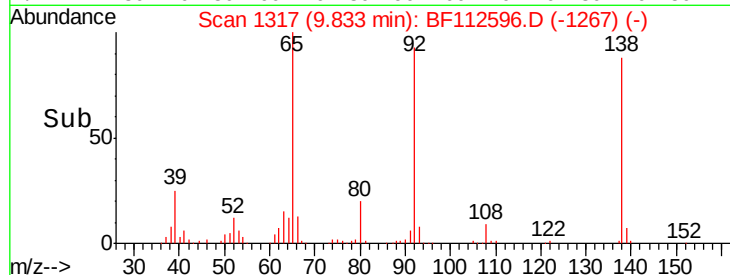
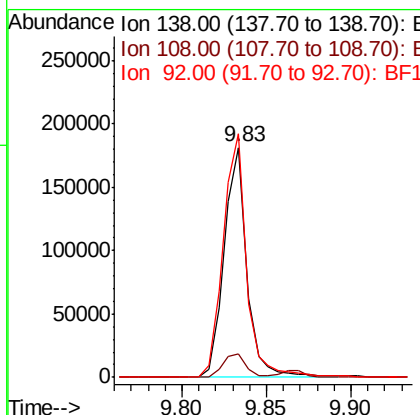
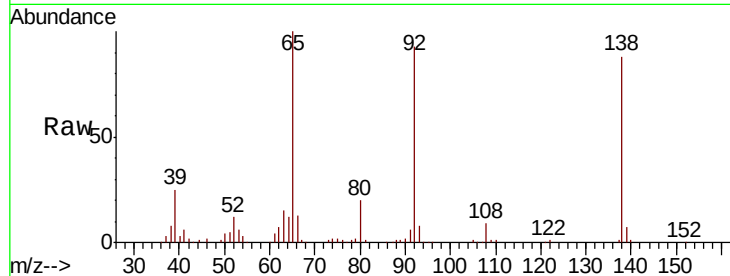




#53
 3-Nitroaniline
 Concen: 41.063 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

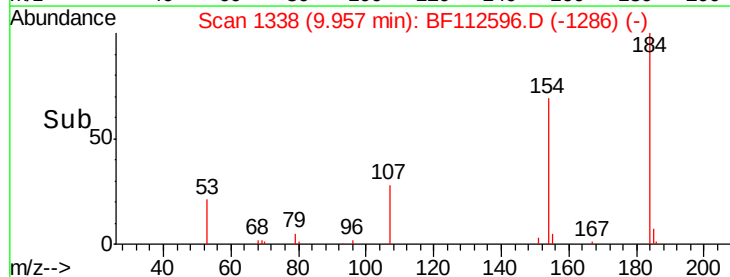
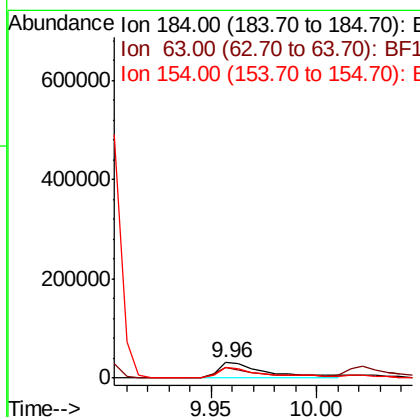
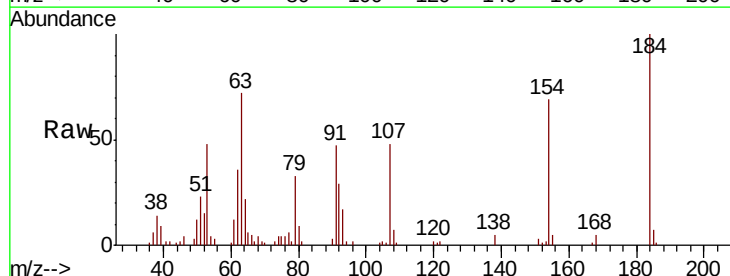
Instrument :
 BNA_F
 ClientSampleId :

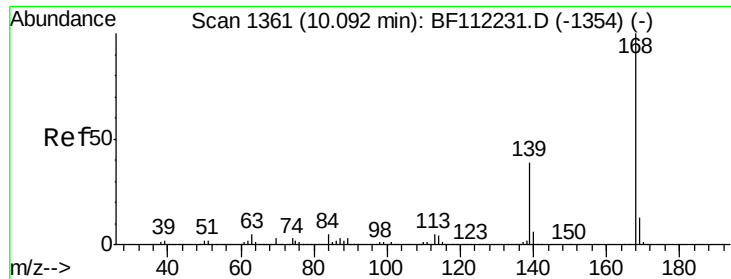
Tot Ion:138 Resp: 170681
 Ion Ratio Lower Upper
 138 100
 108 10.2 9.8 14.6
 92 105.8 79.4 119.2



#54
 2,4-Dinitrophenol
 Concen: 40.874 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

Tgt Ion:184 Resp: 50328
 Ion Ratio Lower Upper
 184 100
 63 72.2 47.1 70.7#
 154 68.6 48.9 73.3

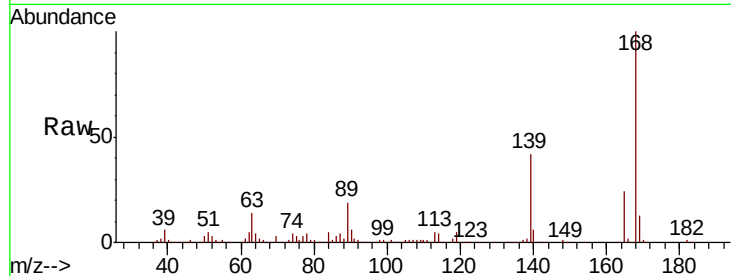




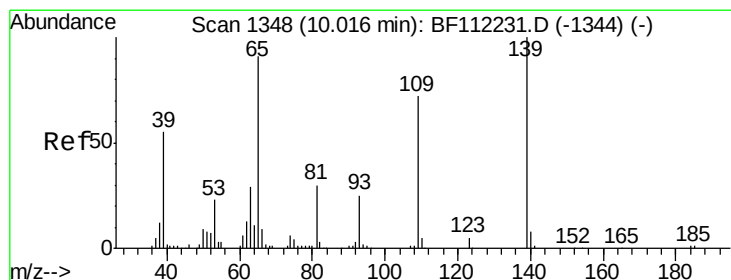
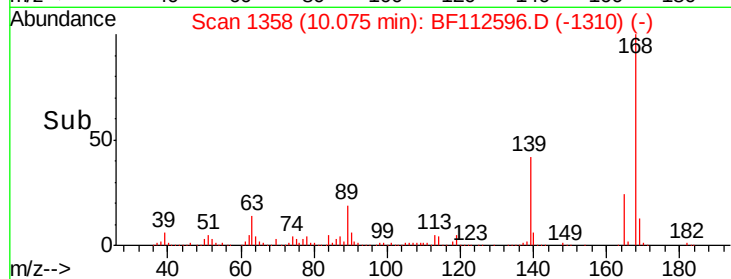
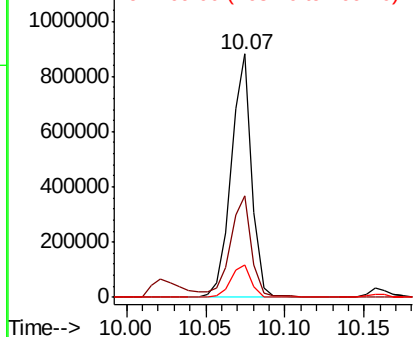
#55
Dibenzofuran
Concen: 39.244 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 784889
Ion Ratio Lower Upper
168 100
139 41.7 29.2 43.8
169 13.3 11.4 17.0

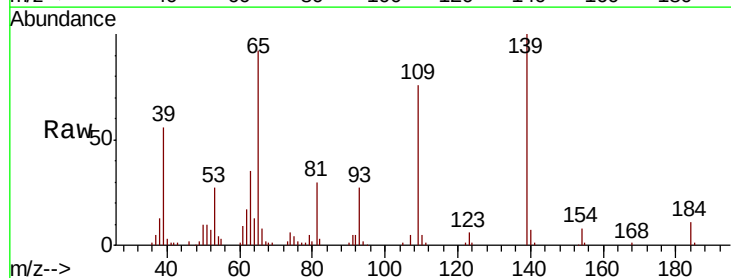


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

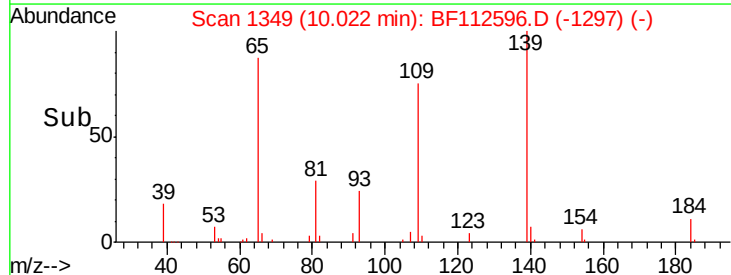
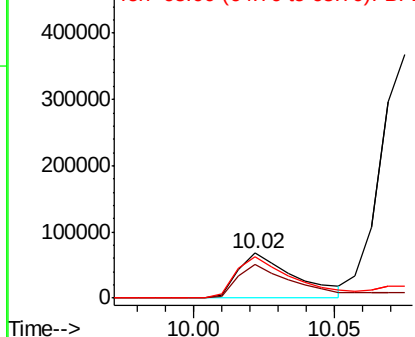


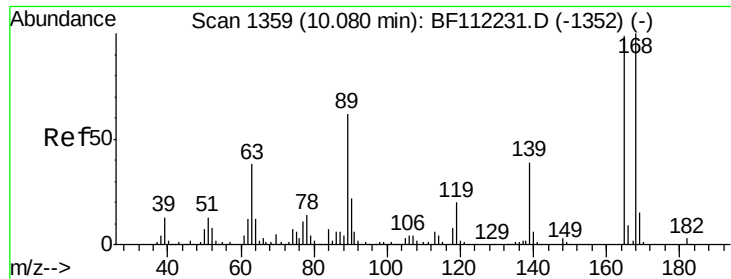
#56
4-Nitrophenol
Concen: 43.071 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion:139 Resp: 94649
Ion Ratio Lower Upper
139 100
109 76.0 42.8 82.8
65 92.0 66.1 106.1



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

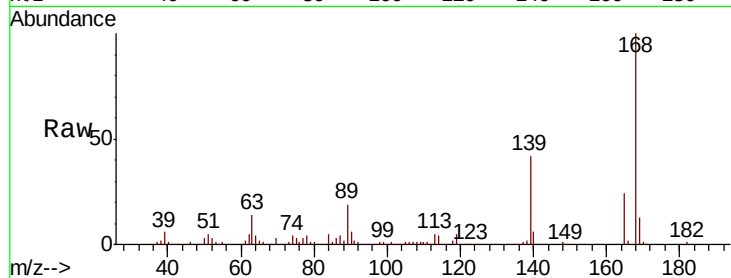




#57
2,4-Dinitrotoluene
Concen: 40.532 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.2	27.9	41.9#
89	79.1	47.9	71.9#
182	3.1	2.2	3.4



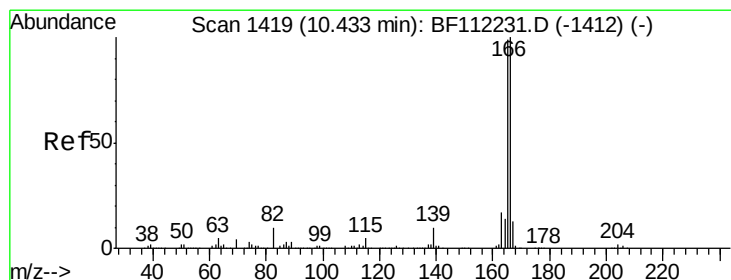
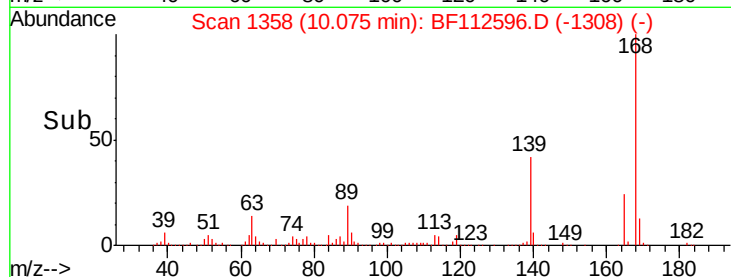
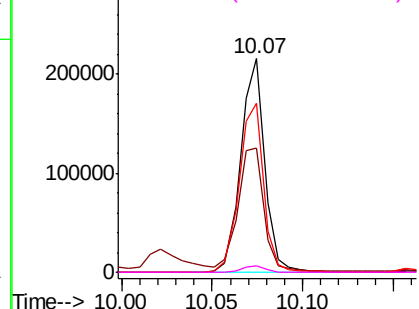
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

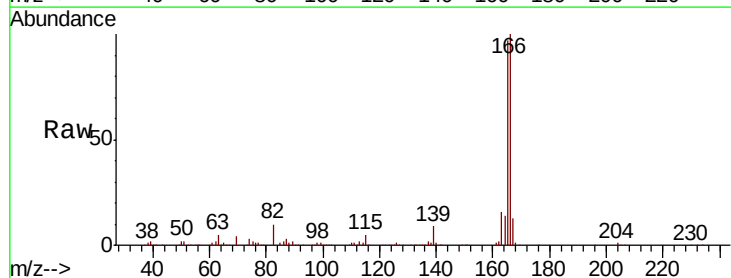
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.285 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.1	115.7
167	13.5	11.3	16.9

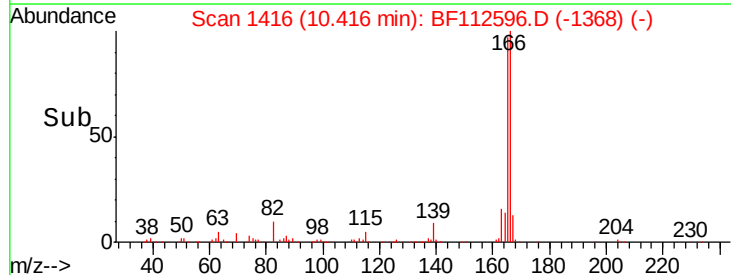
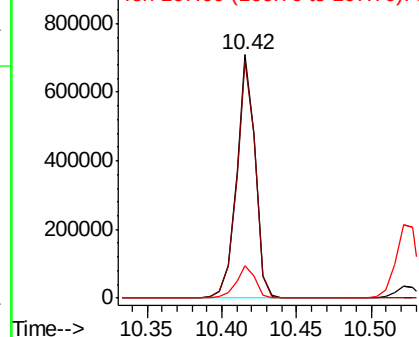


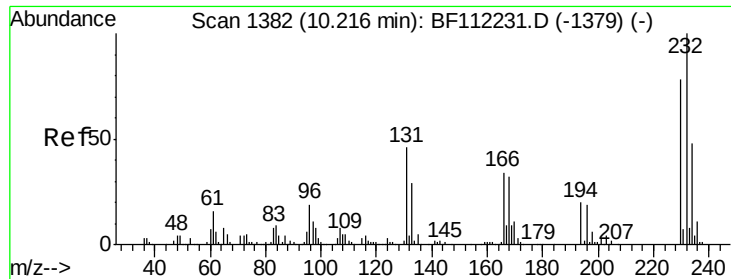
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

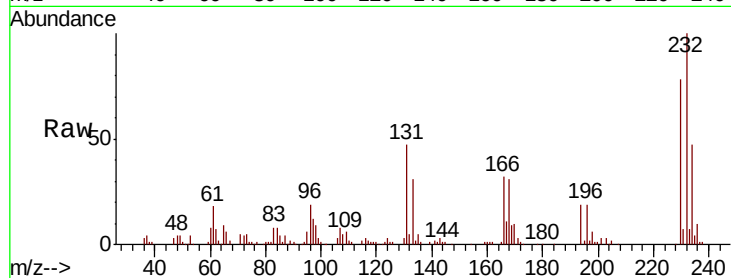




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.161 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.5	33.9	50.9
130	2.5	1.8	2.6
166	30.2	23.6	35.4



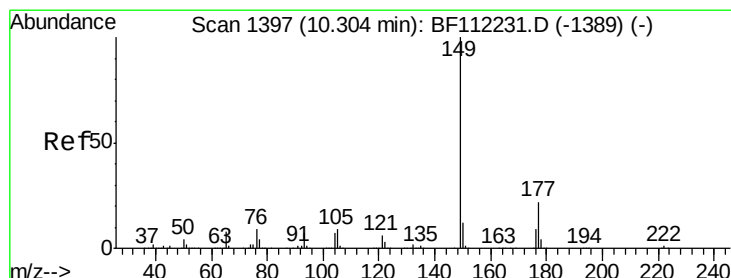
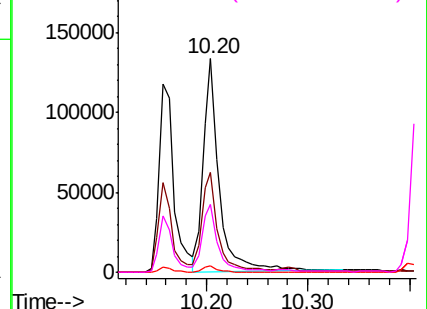
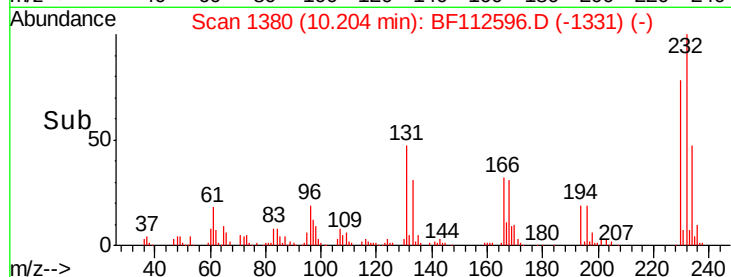
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

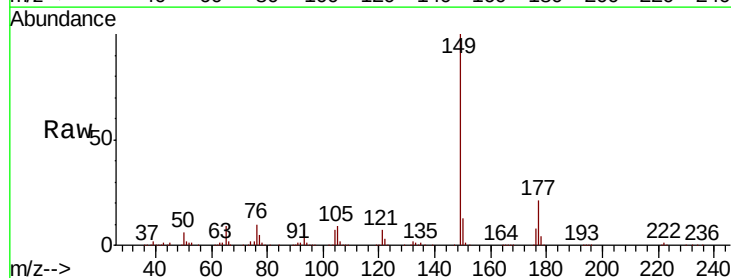
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.680 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	18.2	27.2
150	12.7	10.4	15.6

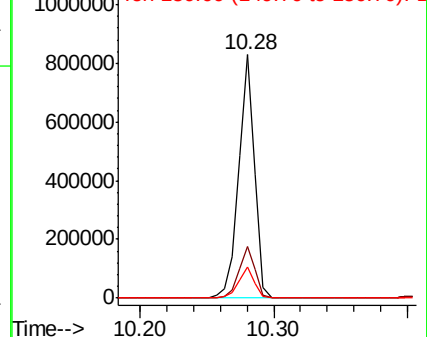
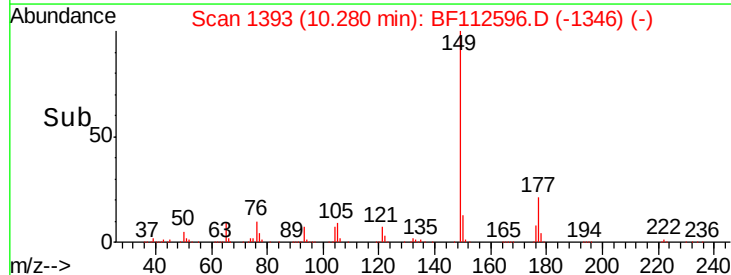


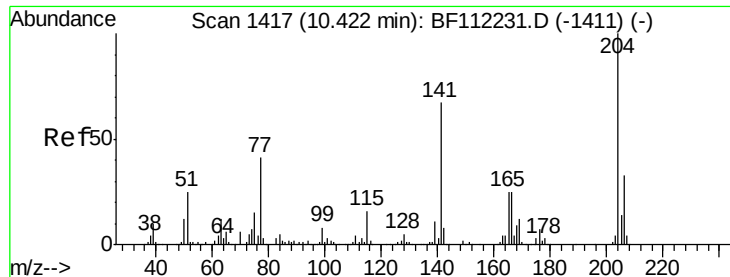
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

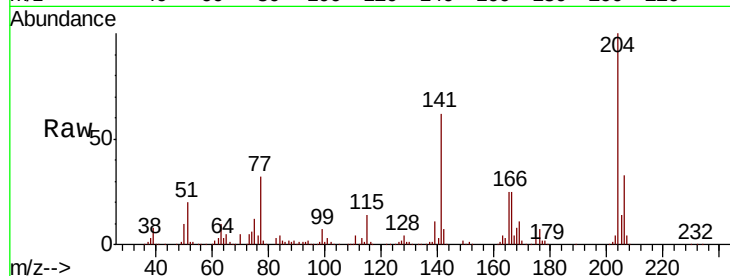




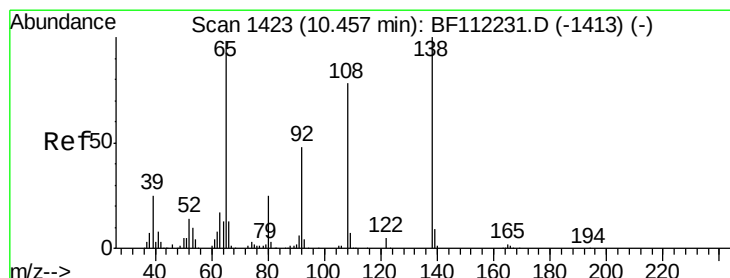
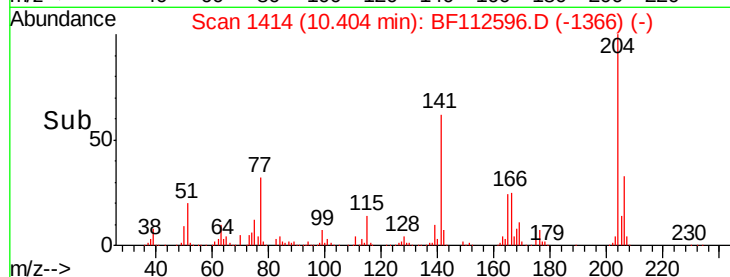
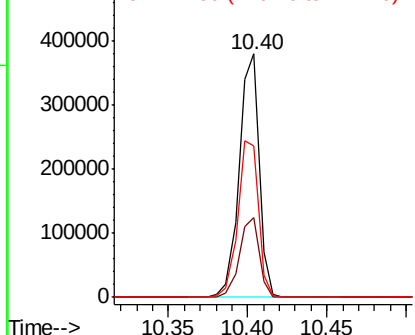
#61
4-Chlorophenyl-phenylether
Concen: 40.772 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 331947
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 62.2 45.9 68.9

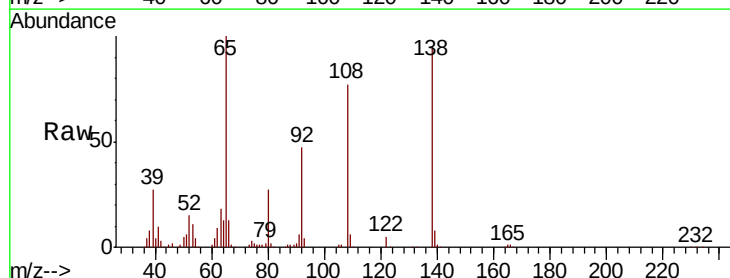


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

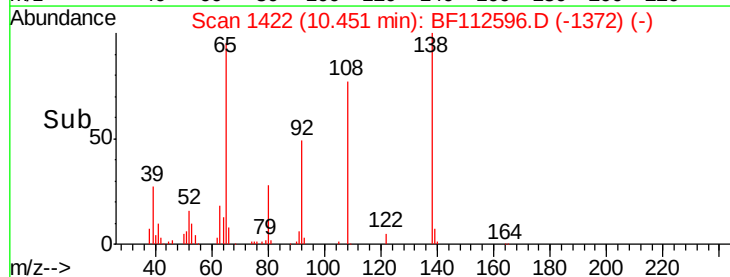
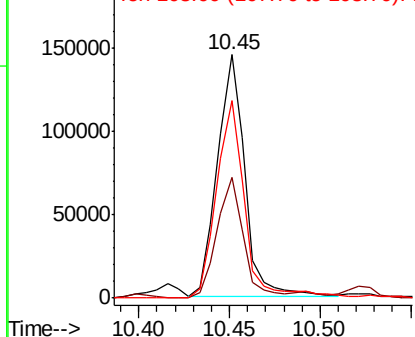


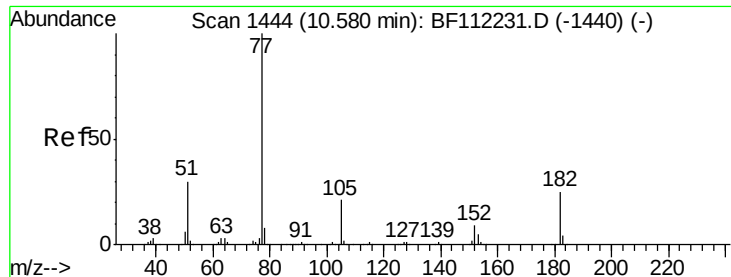
#62
4-Nitroaniline
Concen: 38.024 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion:138 Resp: 155021
Ion Ratio Lower Upper
138 100
92 49.5 30.6 70.6
108 81.0 50.0 90.0



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: 41.429 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 619431

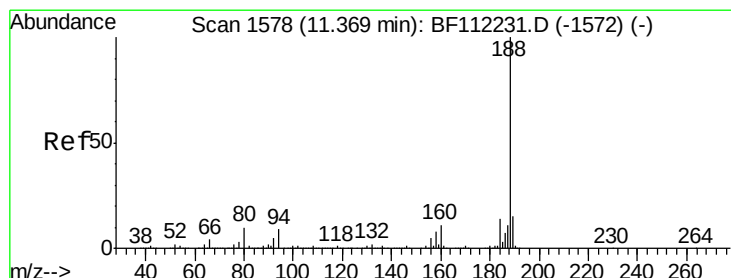
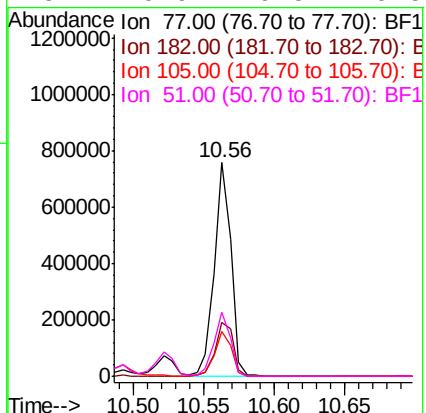
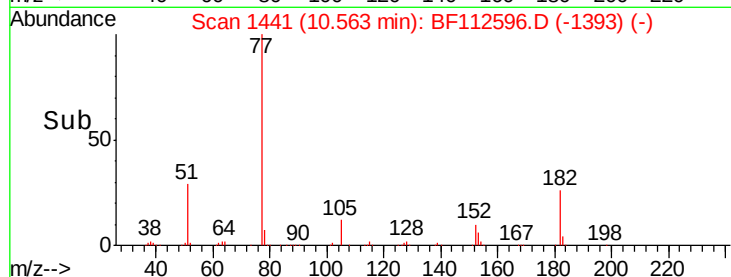
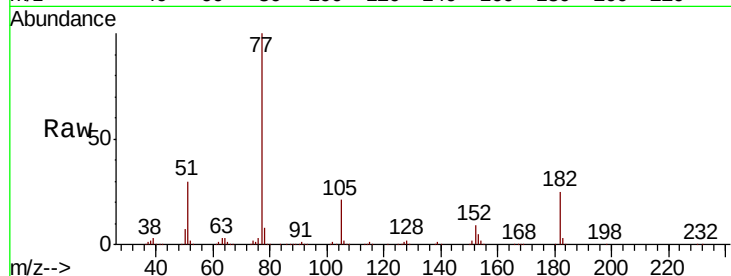
Ion Ratio Lower Upper

77 100

182 25.1 5.7 45.7

105 20.9 1.4 41.4

51 29.9 9.5 49.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

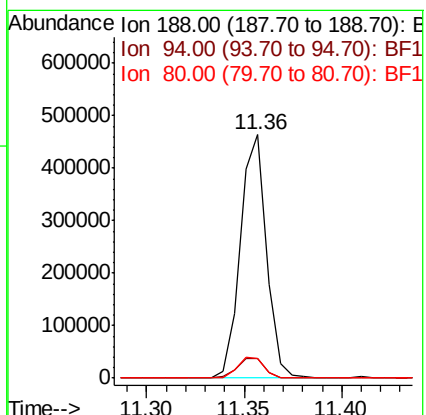
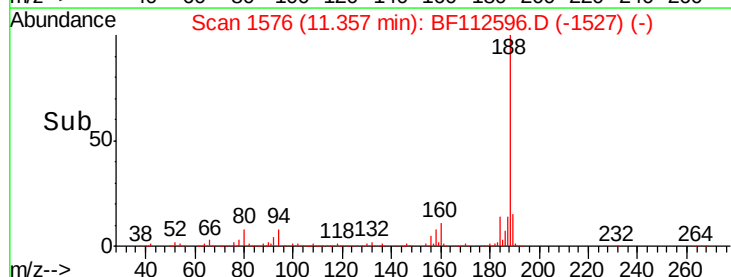
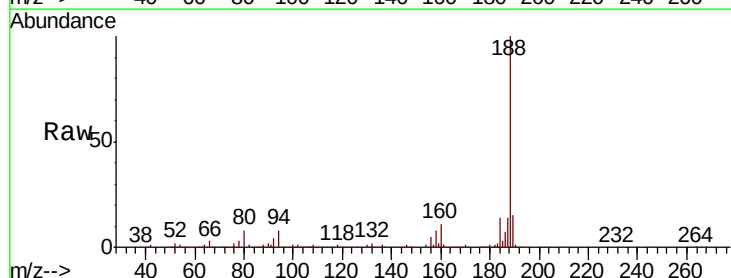
Tgt Ion: 188 Resp: 428993

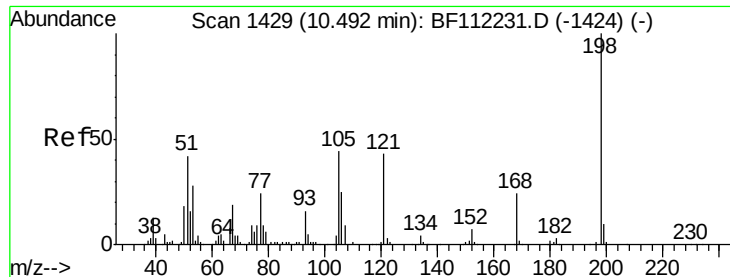
Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

80 8.3 8.9 13.3#





#65

4,6-Dinitro-2-methylphenol

Concen: 39.086 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampled :

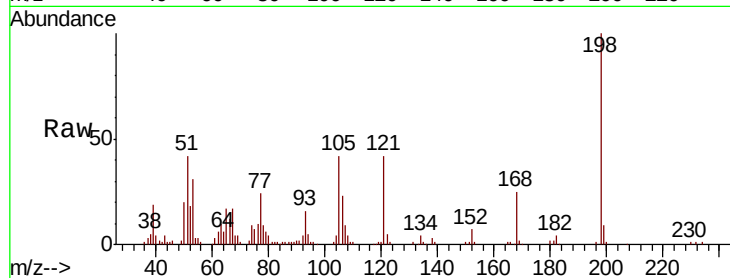
Tot Ion:198 Resp: 94011

Ion Ratio Lower Upper

198 100

51 42.3 17.2 57.2

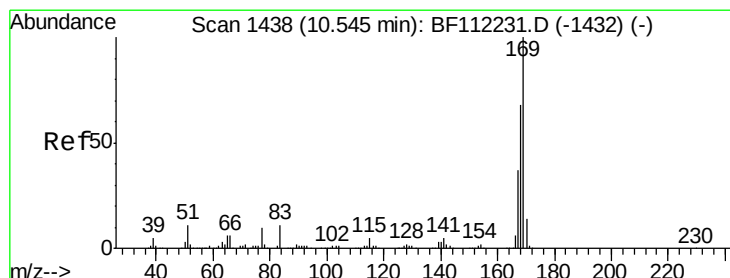
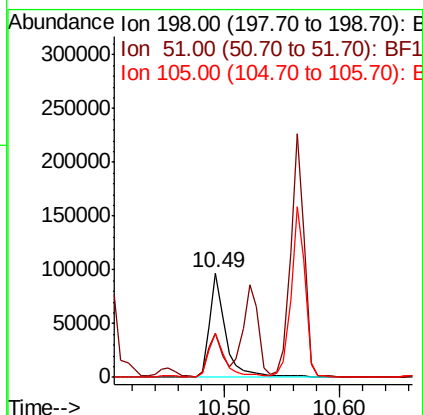
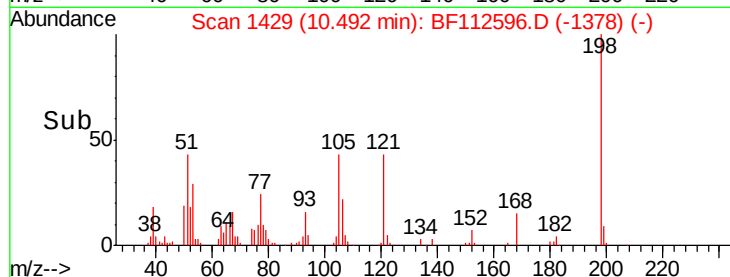
105 42.4 21.9 61.9



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: 40.338 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

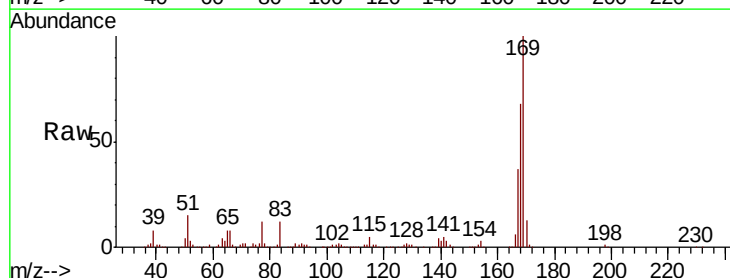
Tgt Ion:169 Resp: 583219

Ion Ratio Lower Upper

169 100

168 67.8 53.9 80.9

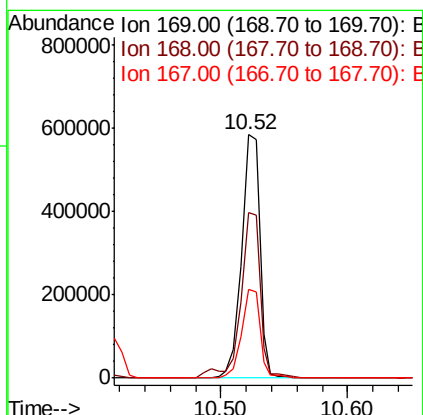
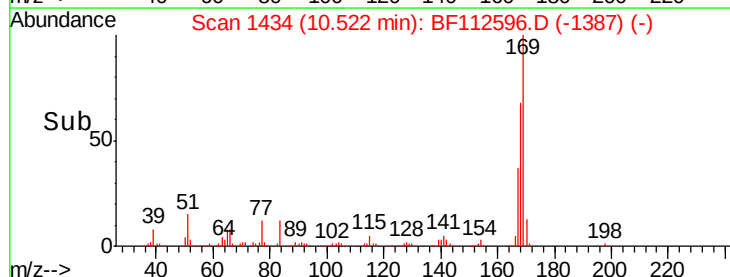
167 36.6 28.9 43.3

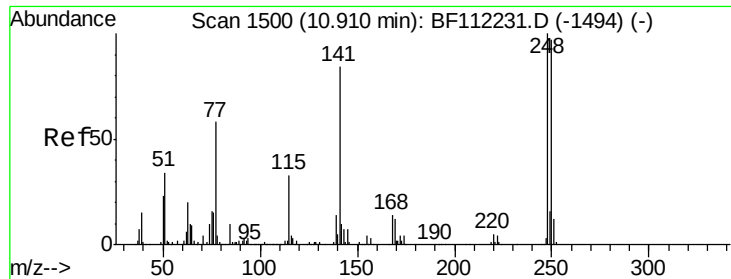


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

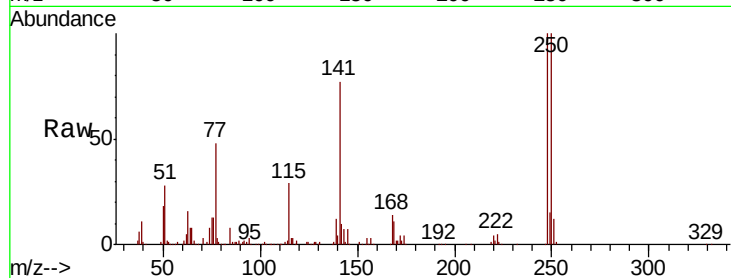




#67
4-Bromophenyl-phenylether
Concen: 39.512 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	79.7	119.5
141	77.2	60.3	90.5

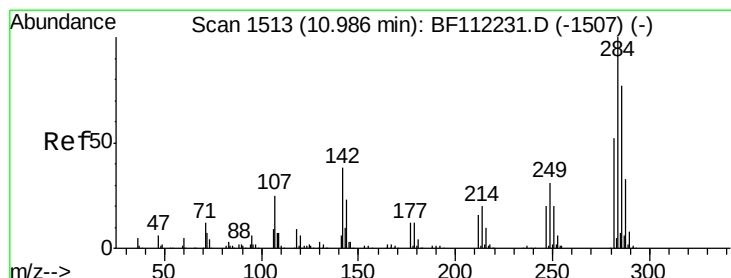
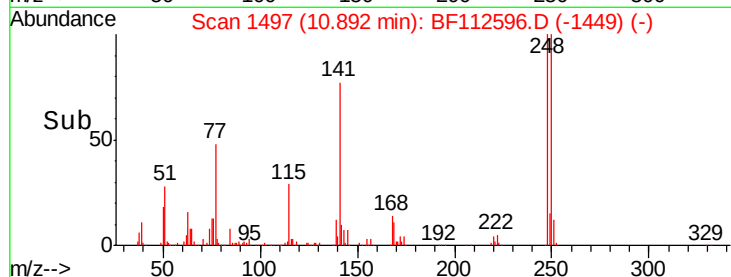
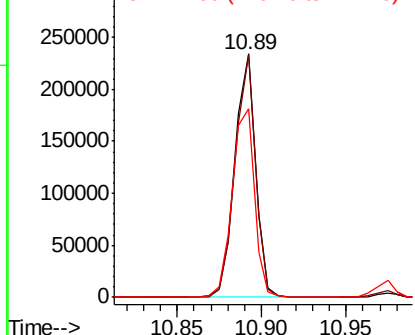


Abundance

Ion 248.00 (247.70 to 248.70): E

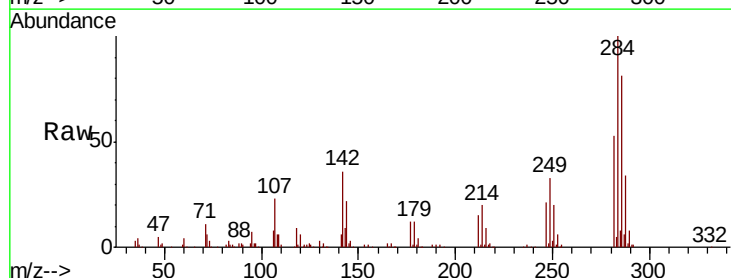
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.617 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.2	27.6	41.4
249	32.7	24.1	36.1

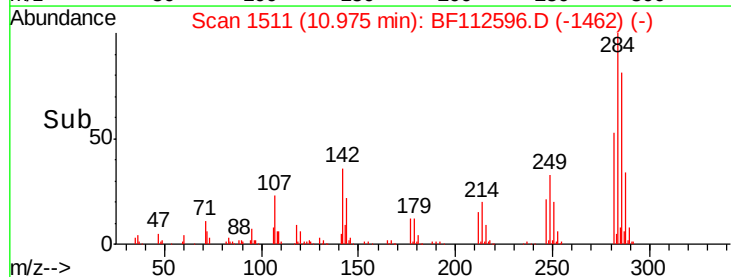
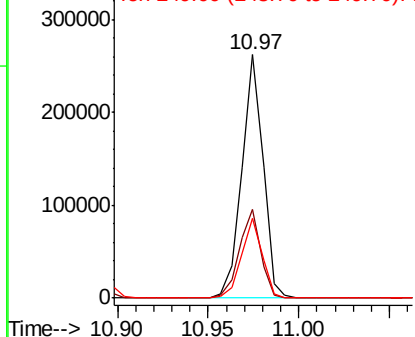


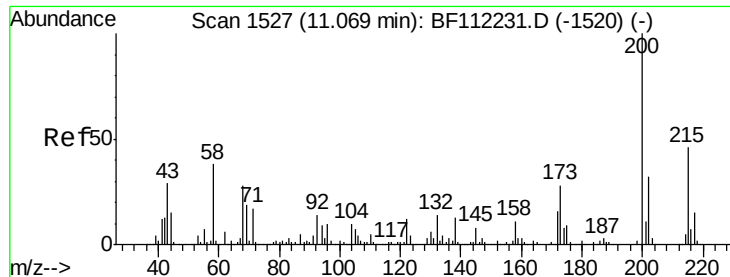
Abundance

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

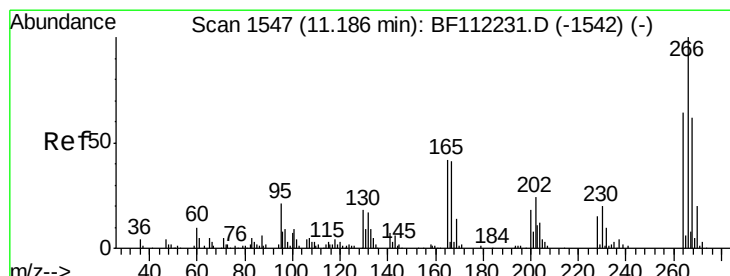
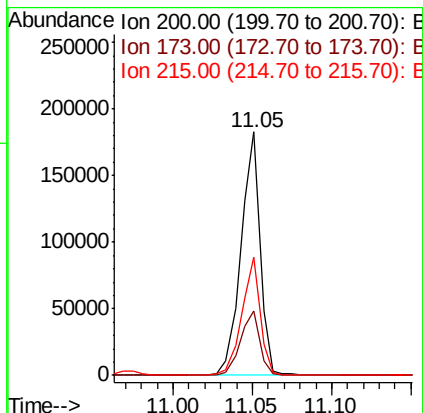
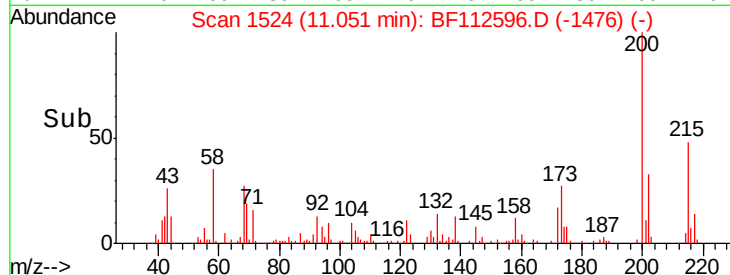
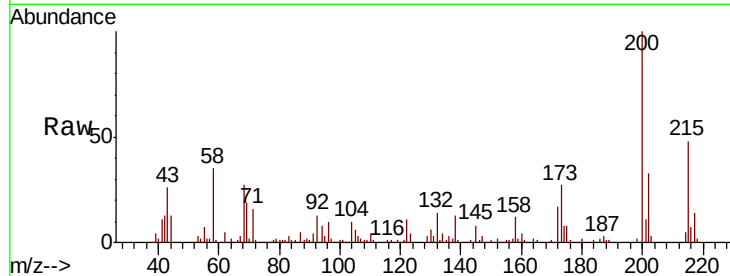




#69
 Atrazine
 Concen: 32.857 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

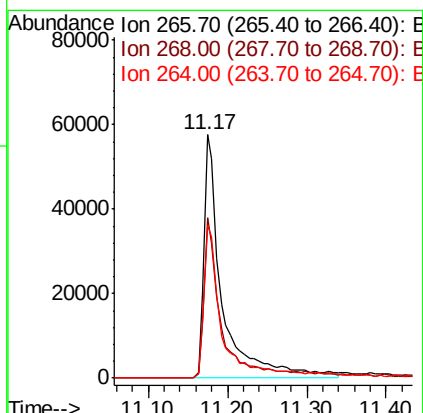
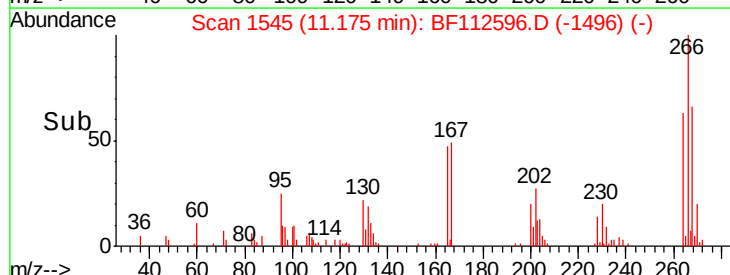
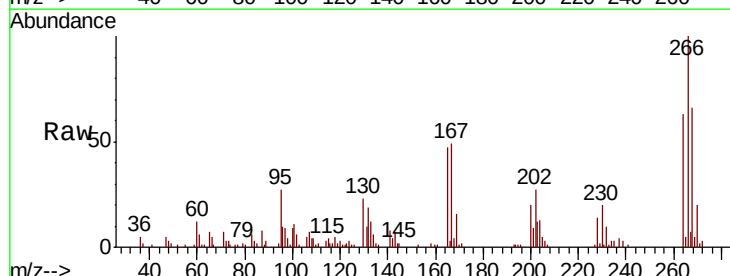
Instrument :
 BNA_F
 ClientSampled :

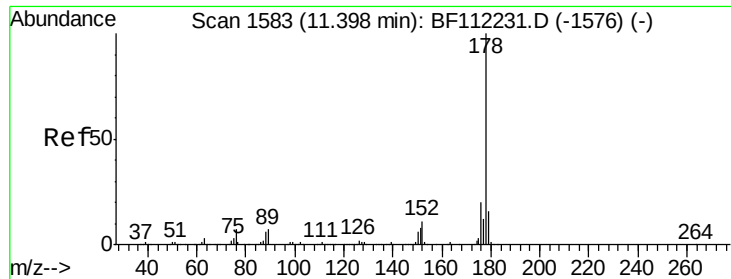
Tot Ion:200 Resp: 153286
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.1 47.1
 215 48.3 30.4 70.4



#70
 Pentachlorophenol
 Concen: 44.800 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

Tgt Ion:266 Resp: 94364
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.2 76.8
 264 62.7 50.9 76.3

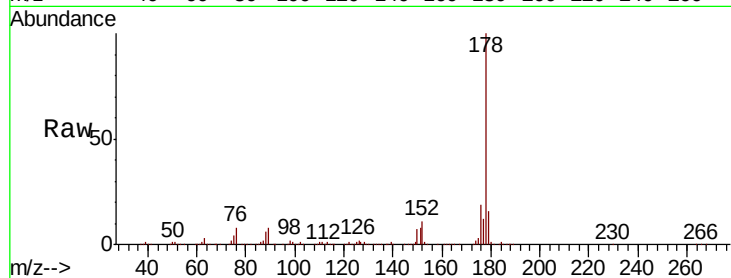




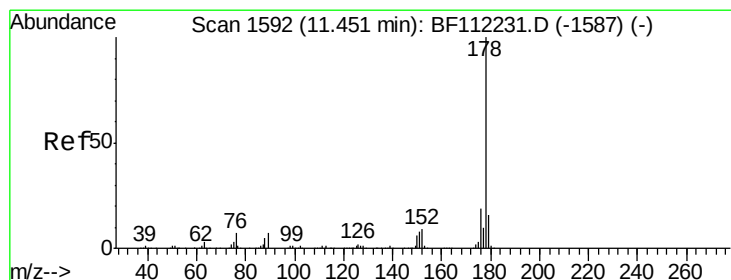
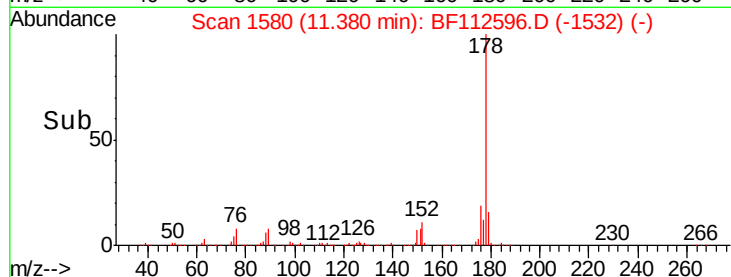
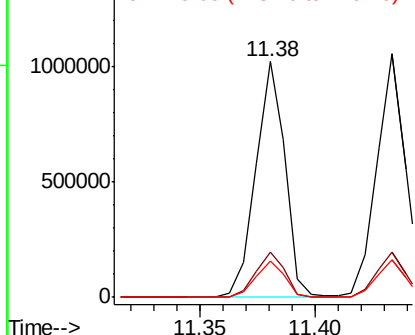
#71
Phenanthrene
Concen: 40.431 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 901712
Ion Ratio Lower Upper
178 100
176 19.3 16.3 24.5
179 15.6 13.0 19.4

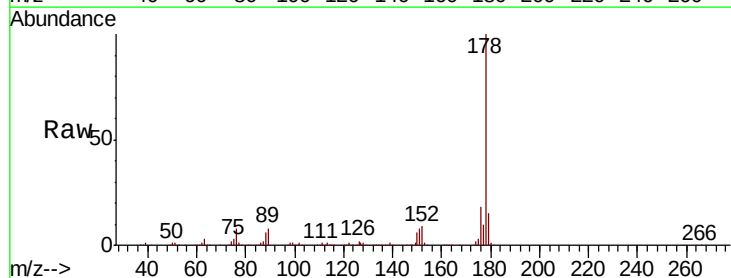


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

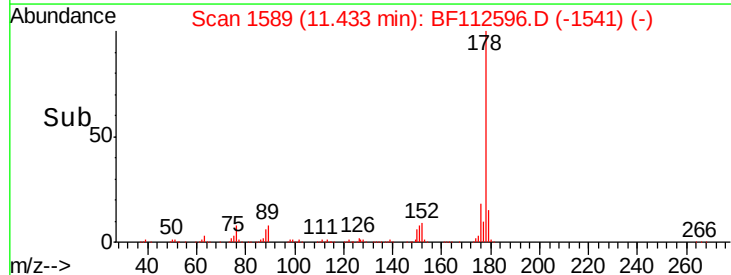
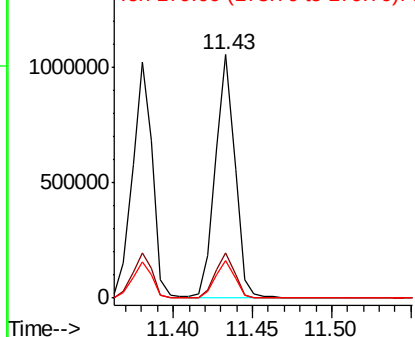


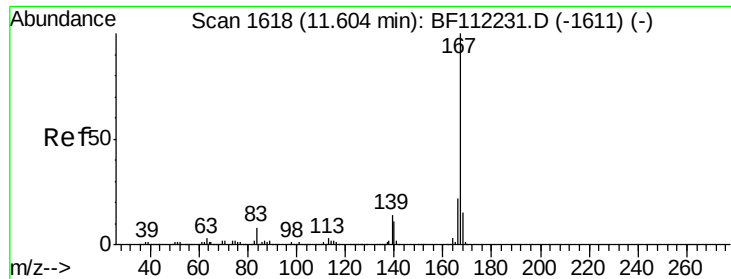
#72
Anthracene
Concen: 40.969 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion:178 Resp: 910172
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 15.5 12.8 19.2



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

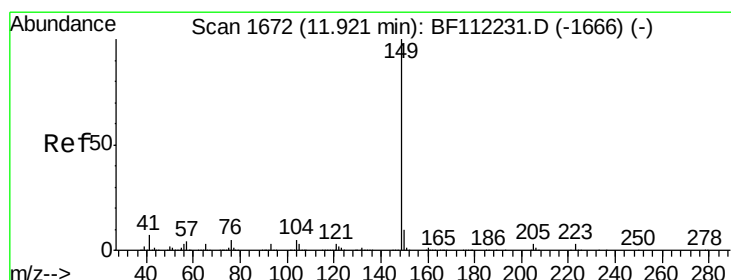
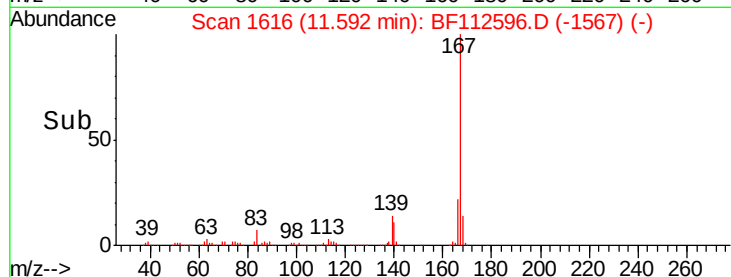
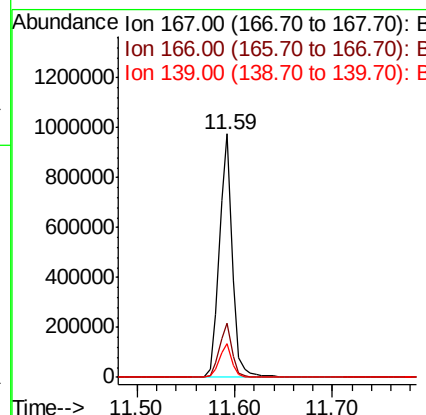
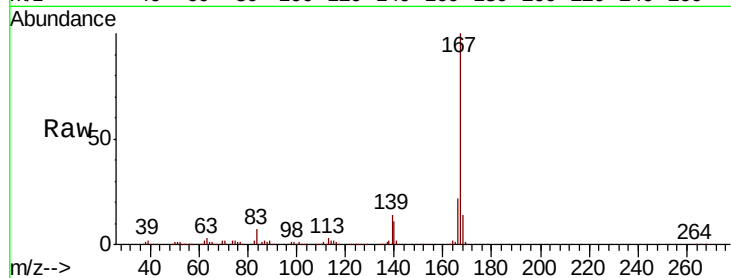




#73
 Carbazole
 Concen: 40.790 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

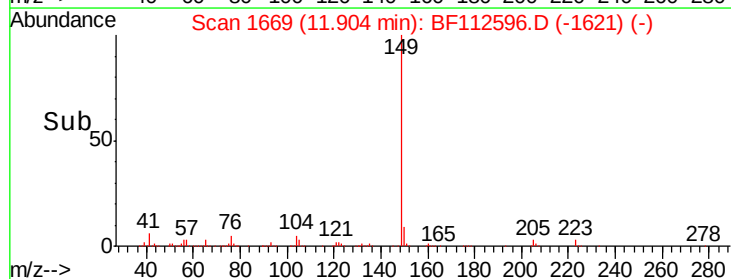
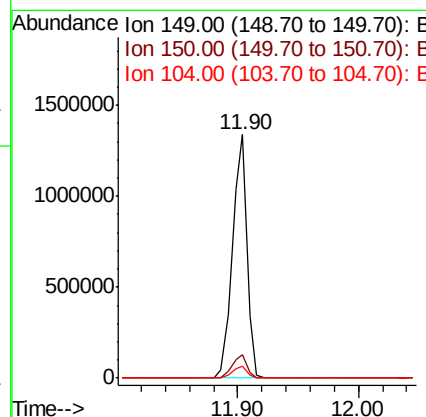
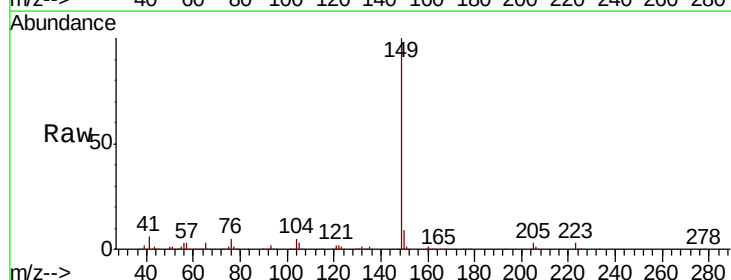
Instrument :
 BNA_F
 ClientSampleId :

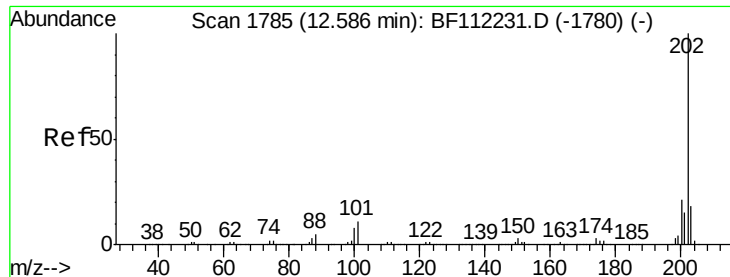
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	13.9	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 40.765 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.7	3.9	5.9

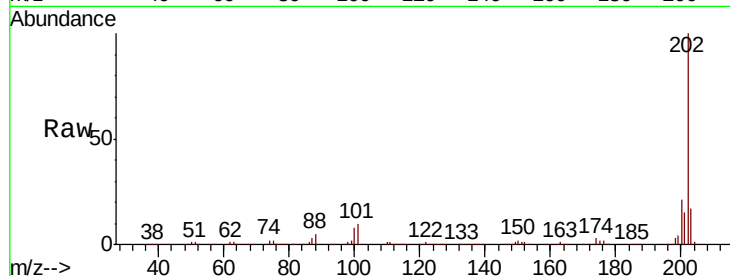




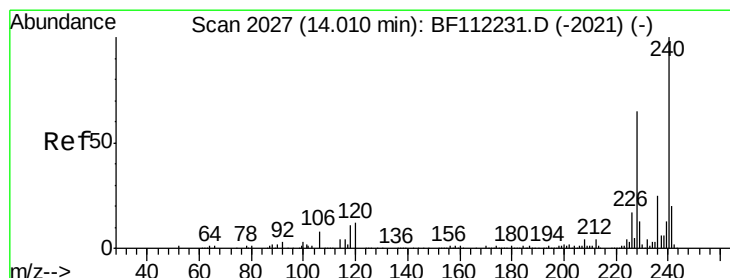
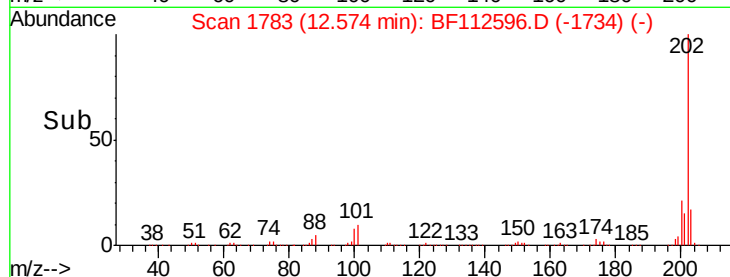
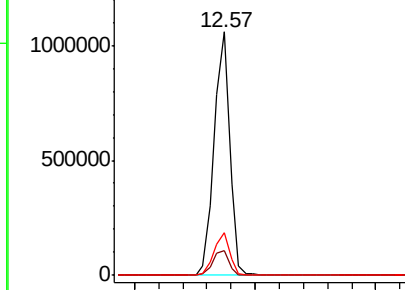
#75
 Fluoranthene
 Concen: 39.251 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.8
203	17.3	0.0	38.4

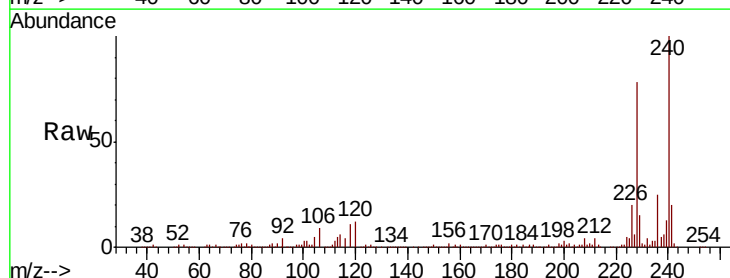


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

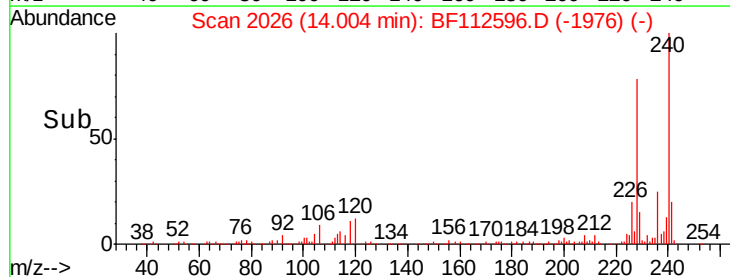
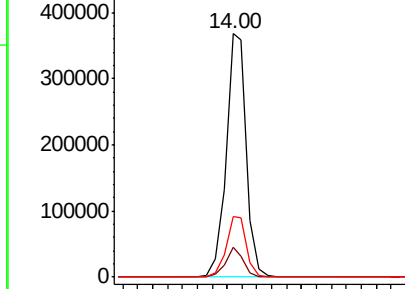


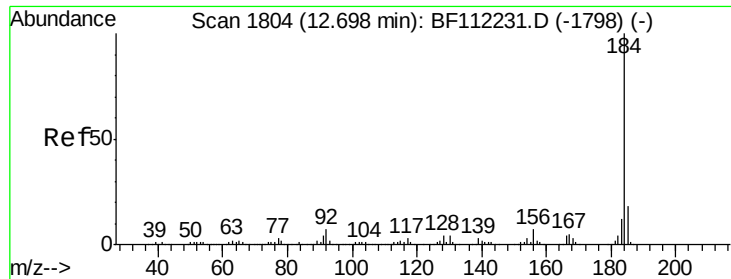
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112596.D
 Acq: 18 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.0	13.6
236	25.1	20.7	31.1



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





#77

Benzidine

Concen: 40.444 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampleId :

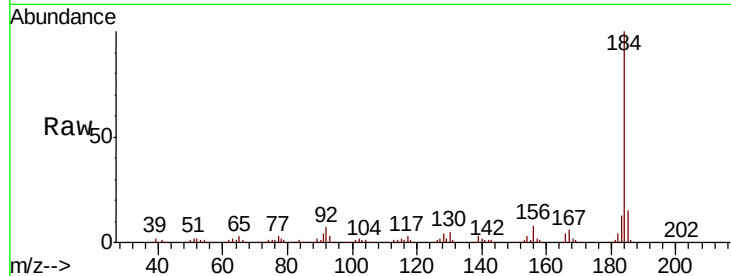
Tot Ion:184 Resp: 390609

Ion Ratio Lower Upper

184 100

185 15.1 13.9 20.9

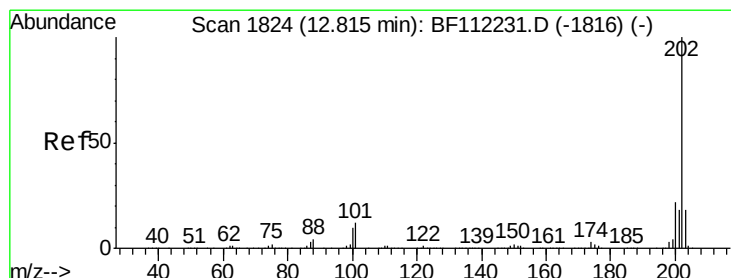
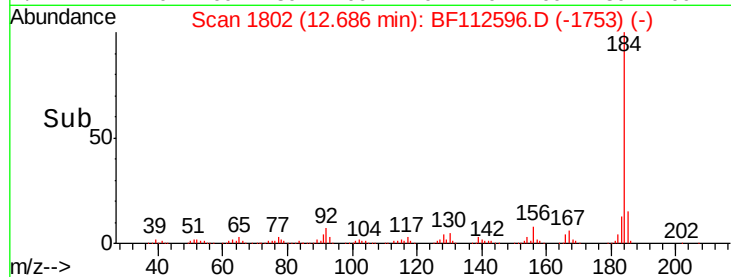
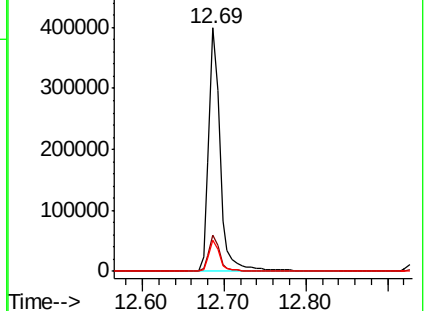
183 13.0 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.256 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

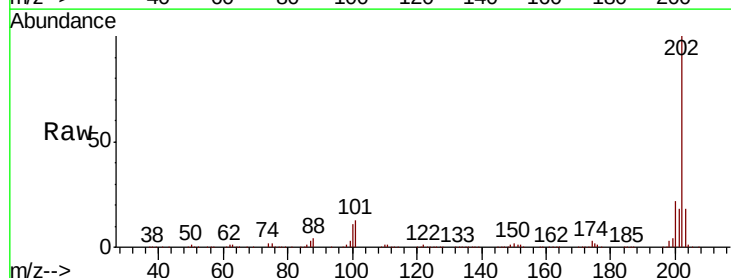
Tgt Ion:202 Resp: 953704

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

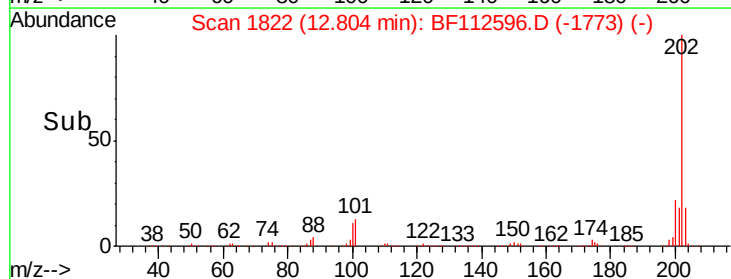
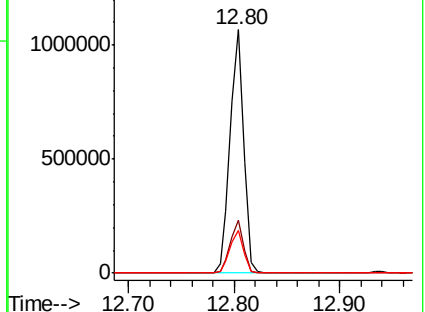
203 17.7 14.6 22.0

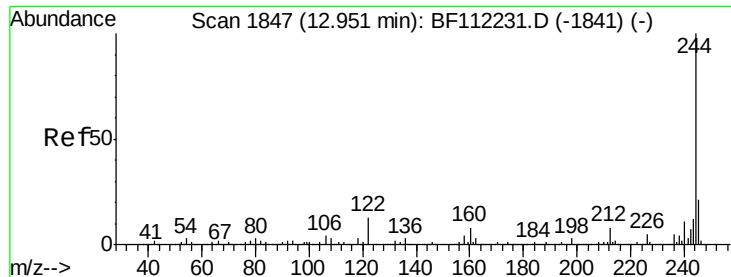


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.861 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampleId :

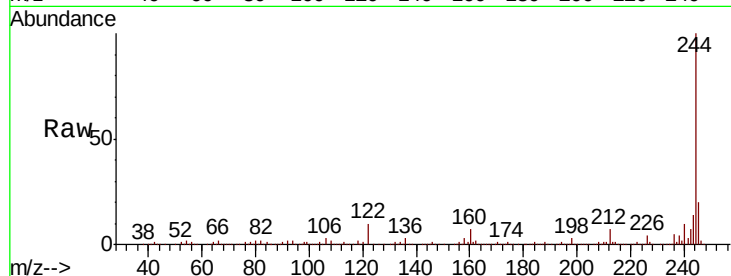
Tot Ion:244 Resp: 1469238

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

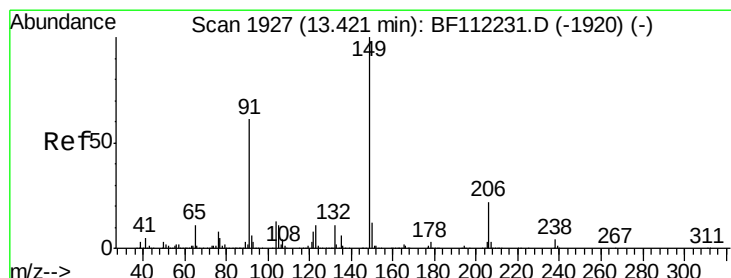
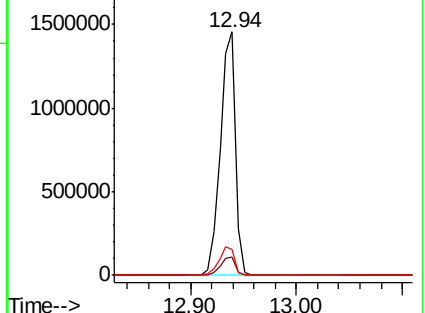
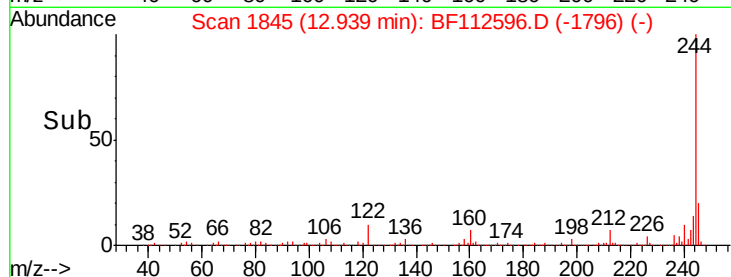
122 10.4 9.8 14.6



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: 40.024 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

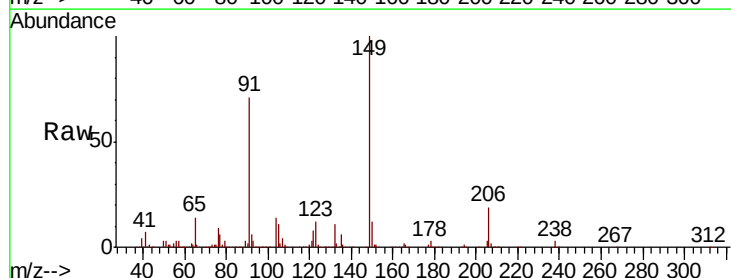
Tgt Ion:149 Resp: 470445

Ion Ratio Lower Upper

149 100

91 71.3 50.3 75.5

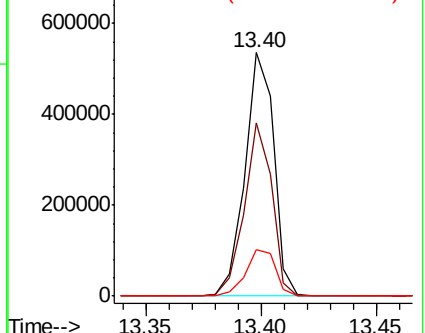
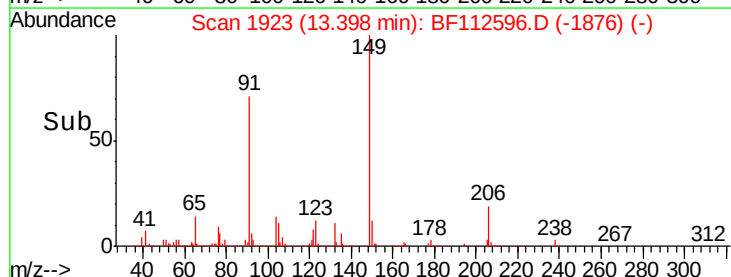
206 19.0 18.2 27.4

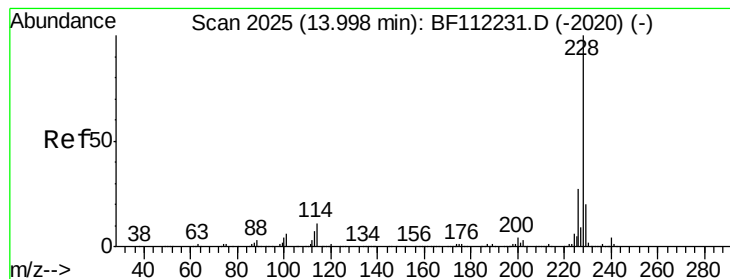


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.713 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampleId :

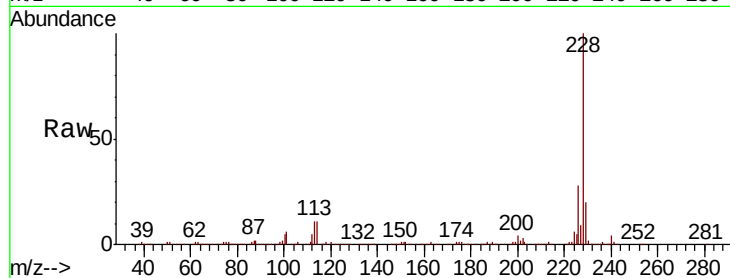
Tot Ion:228 Resp: 819198

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

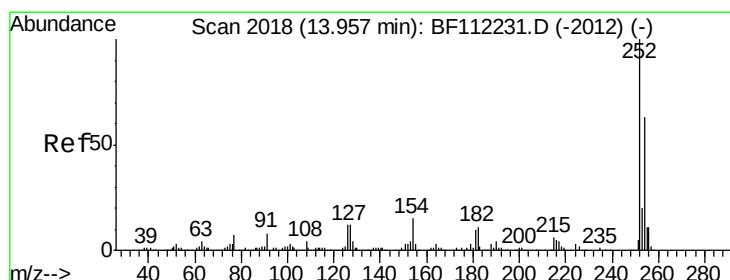
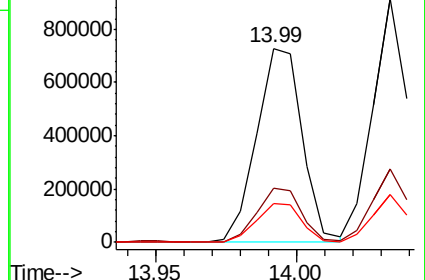
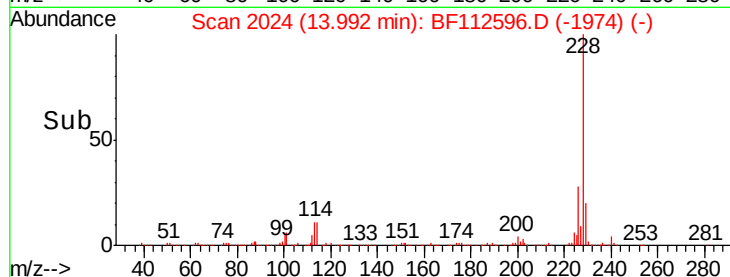
229 19.8 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.965 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

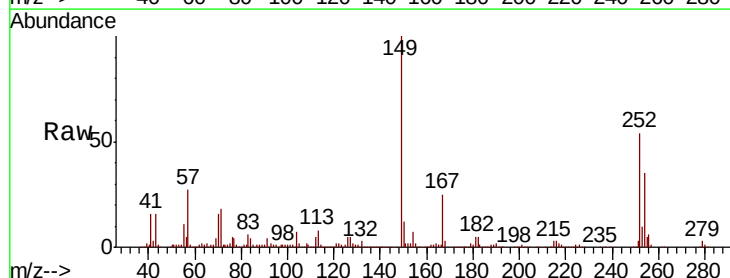
Tgt Ion:252 Resp: 308525

Ion Ratio Lower Upper

252 100

254 64.4 51.6 77.4

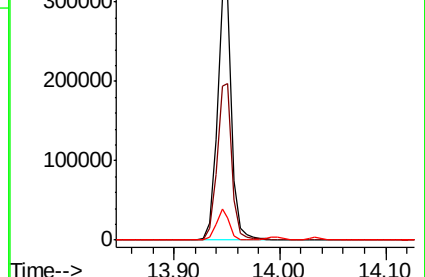
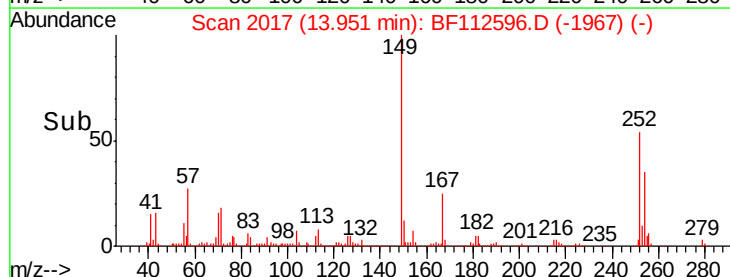
126 9.1 8.6 12.8

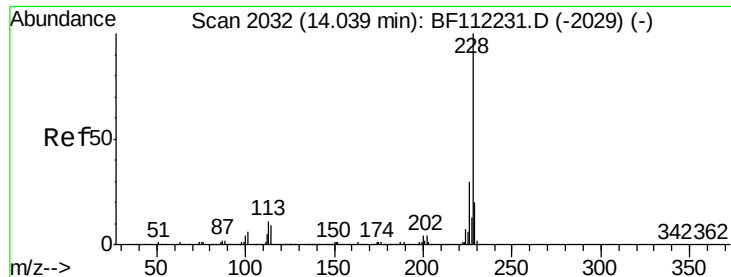


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.265 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

Instrument :

BNA_F

ClientSampleId :

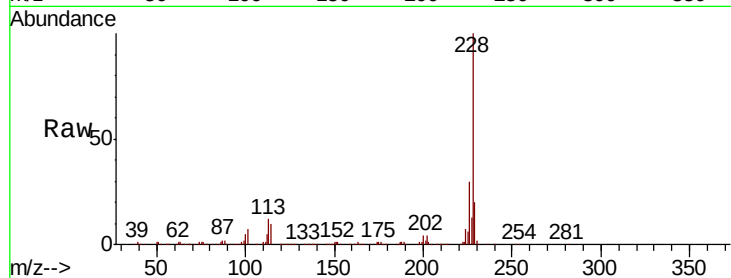
Tot Ion:228 Resp: 773135

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

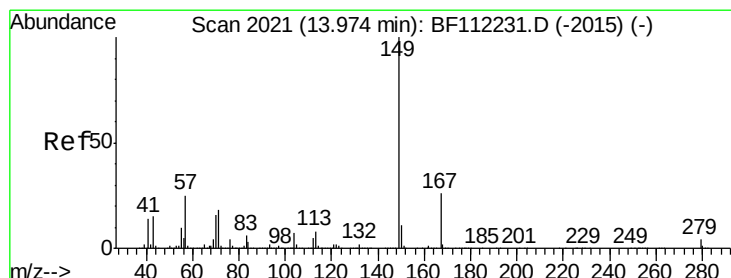
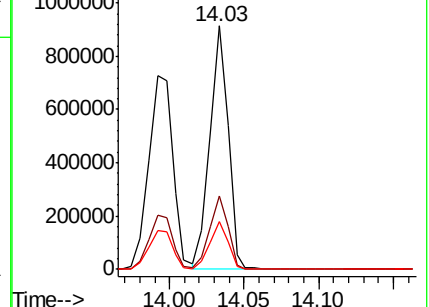
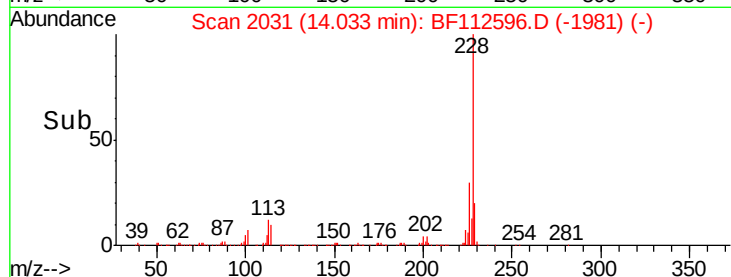
229 19.5 16.6 24.8



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: 38.469 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF112596.D

Acq: 18 Feb 2019 13:00

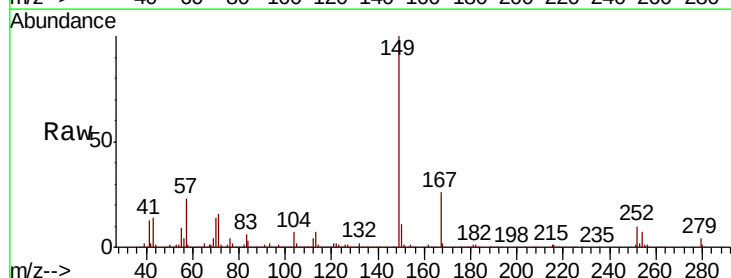
Tgt Ion:149 Resp: 641849

Ion Ratio Lower Upper

149 100

167 26.4 22.5 33.7

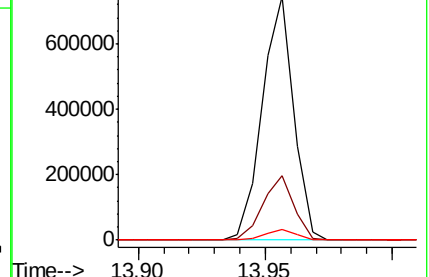
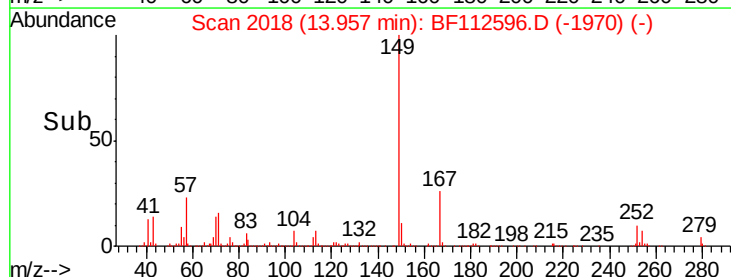
279 4.3 3.8 5.6

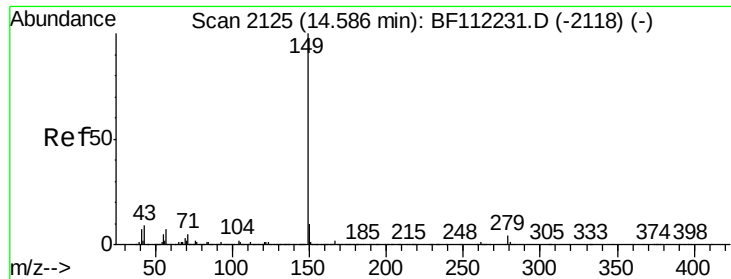


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

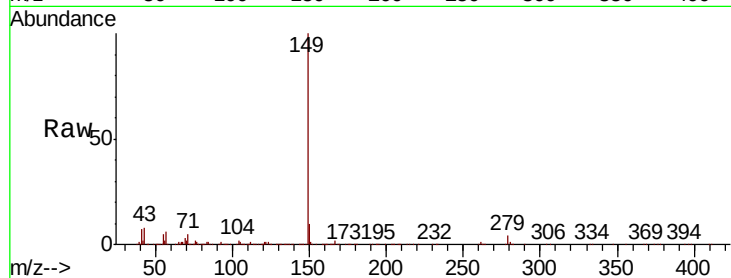




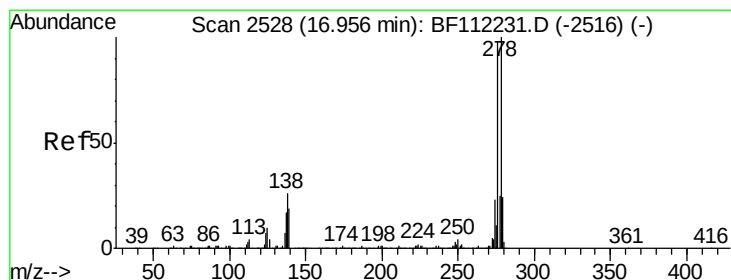
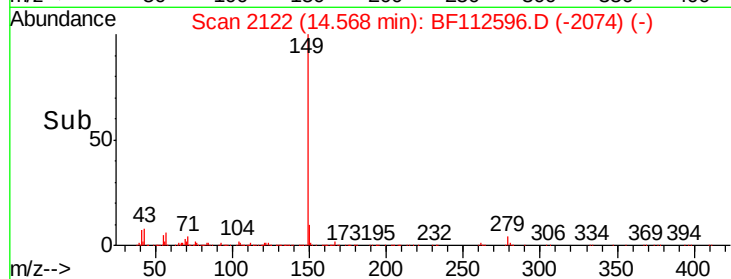
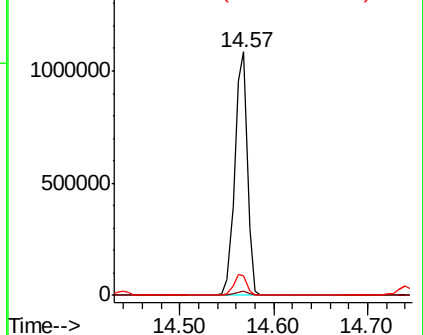
#85
Di-n-octyl phthalate
Concen: 39.175 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1005629
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.8 11.6

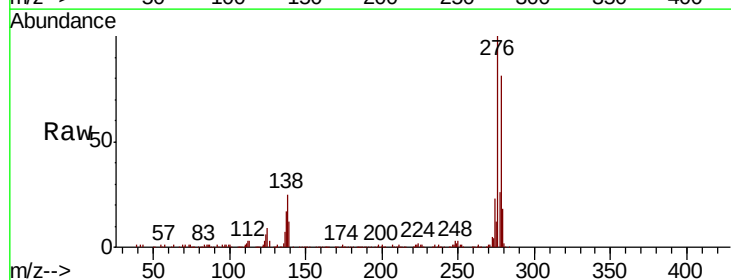


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

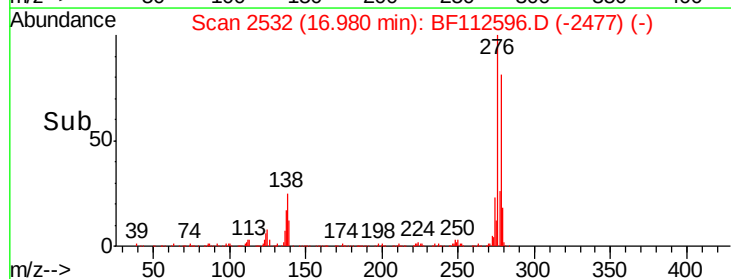
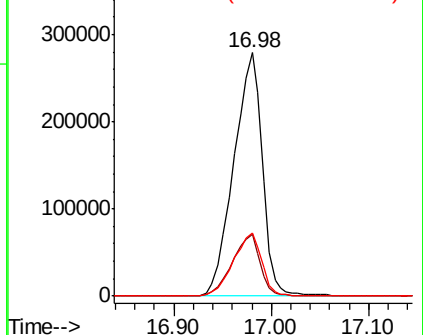


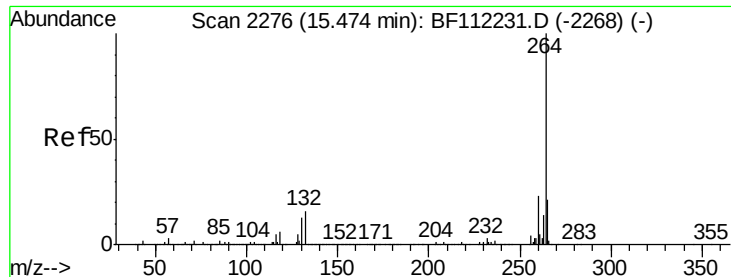
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.299 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion:276 Resp: 566350
Ion Ratio Lower Upper
276 100
138 24.9 22.6 34.0
277 25.9 20.3 30.5



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

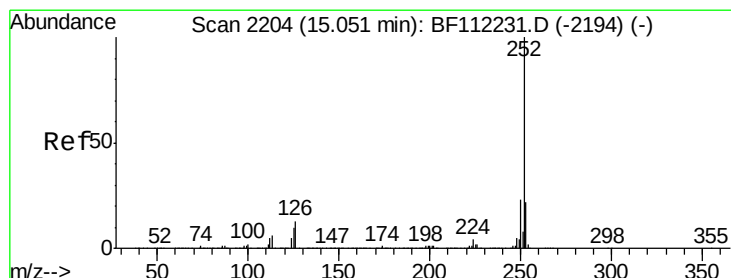
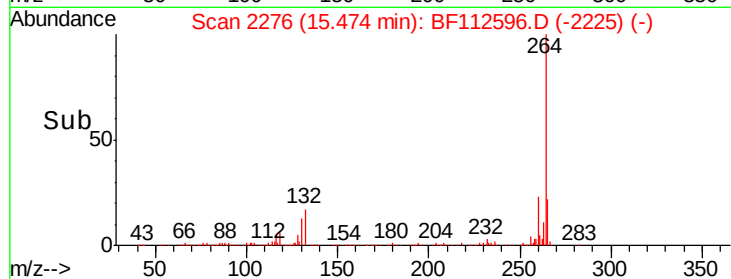
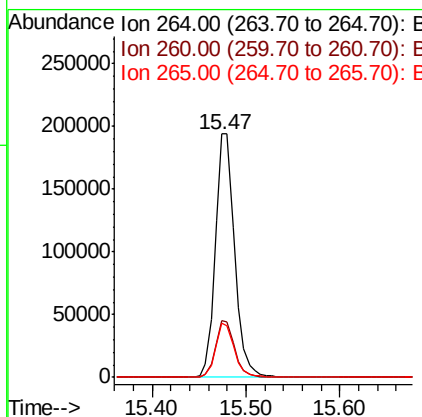
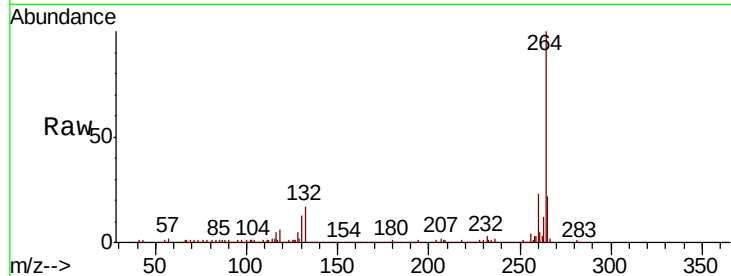




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

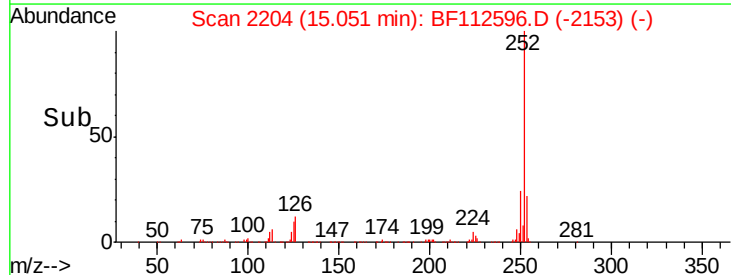
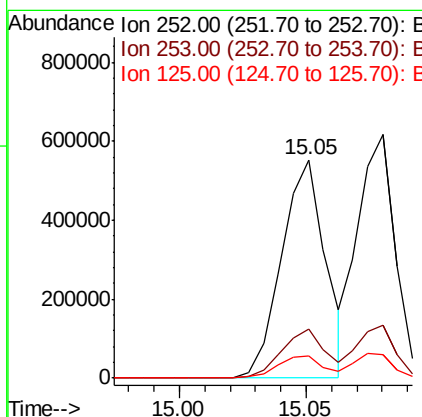
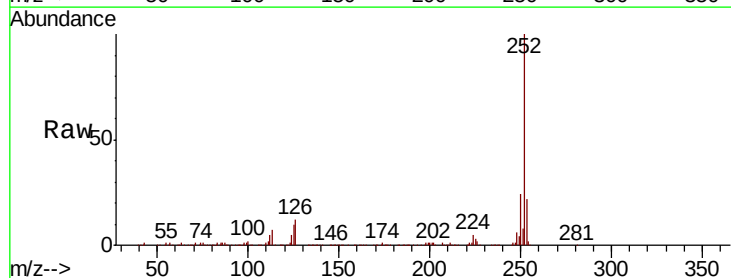
Instrument :
BNA_F
ClientSampled :

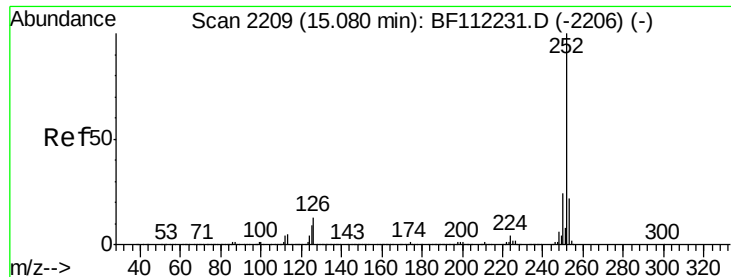
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	22.1	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 39.657 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.1	8.7	13.1

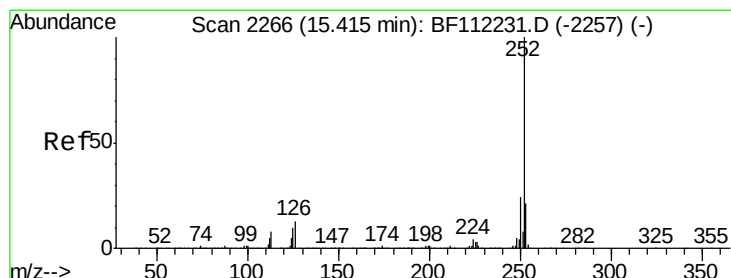
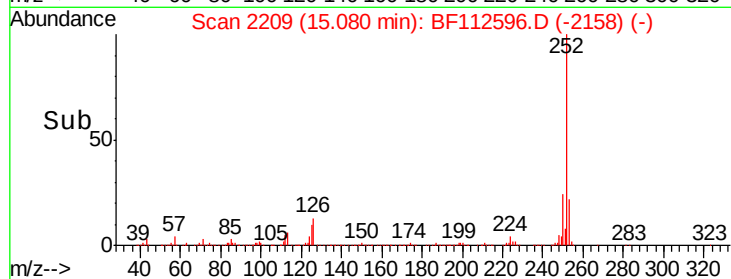
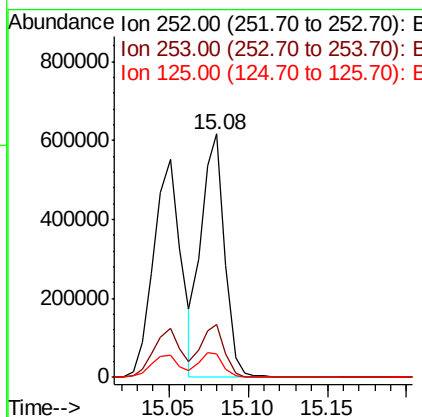
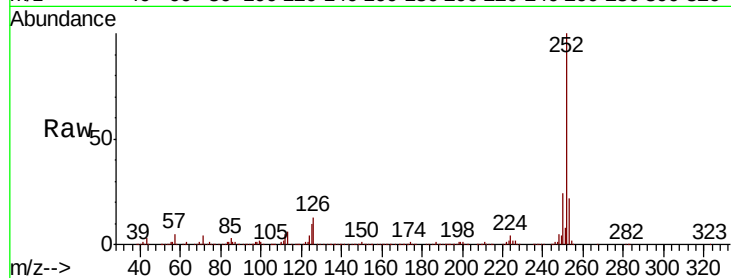




#89
Benzo(k)fluoranthene
Concen: 39.599 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

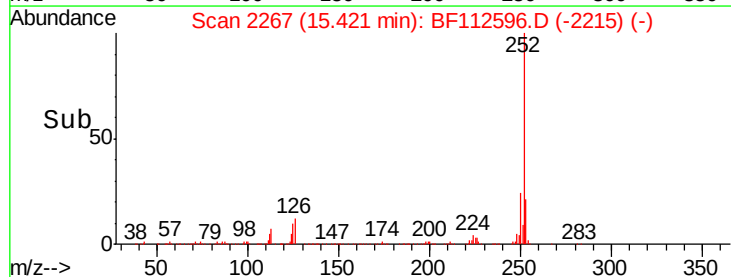
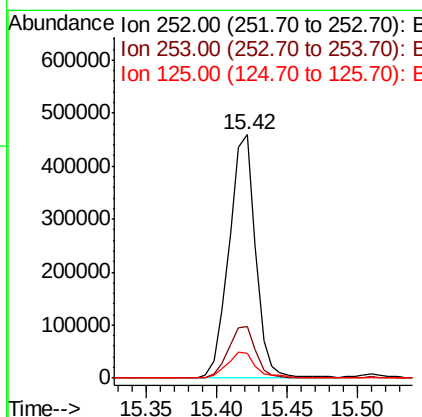
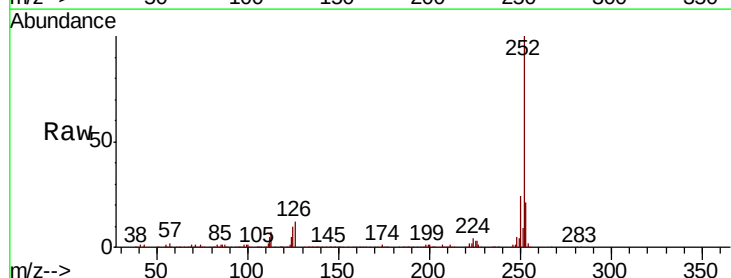
Instrument :
BNA_F
ClientSampleId :

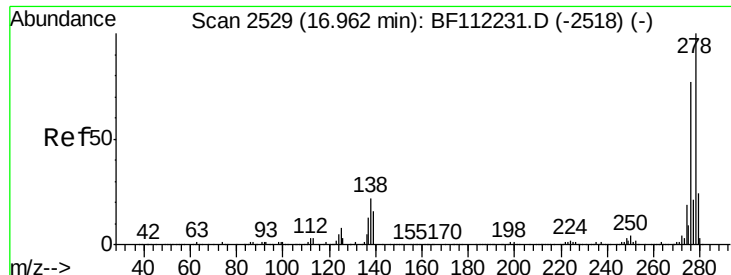
Tot Ion:252 Resp: 637709
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.7 9.1 13.7



#90
Benzo(a)pyrene
Concen: 39.835 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion:252 Resp: 602624
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 10.0 9.0 13.4

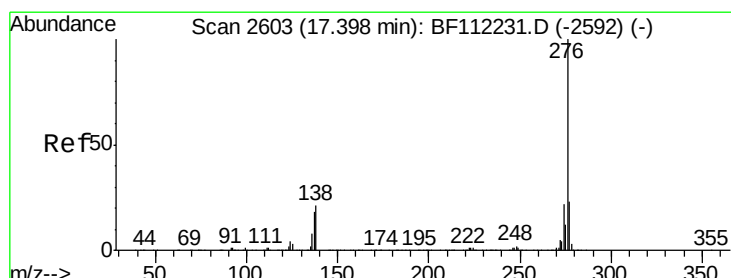
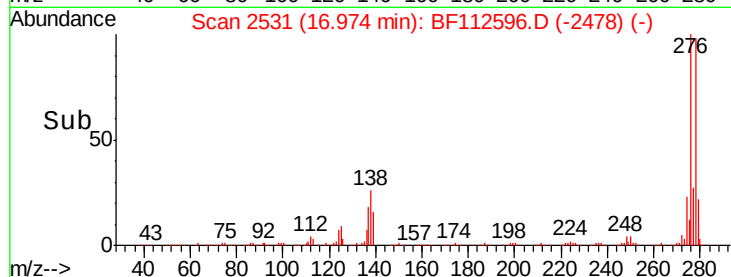
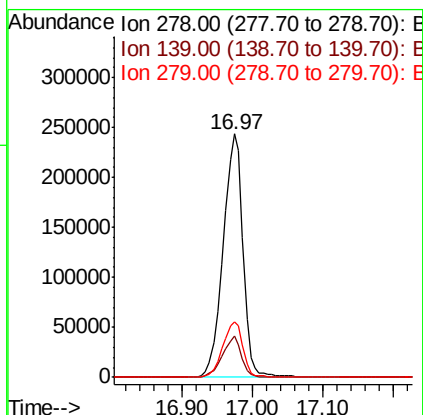
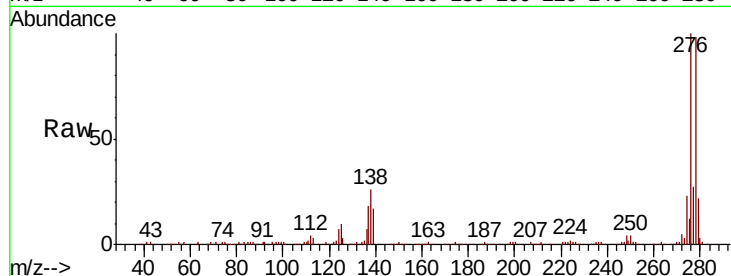




#91
Dibenzo(a,h)anthracene
Concen: 39.048 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 476084
Ion Ratio Lower Upper
278 100
139 17.0 13.7 20.5
279 22.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 39.422 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.03 min
Lab File: BF112596.D
Acq: 18 Feb 2019 13:00

Tgt Ion:276 Resp: 453464
Ion Ratio Lower Upper
276 100
277 22.9 19.4 29.0
138 19.6 19.1 28.7

