

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110386.D
 Acq On : 2 Nov 2018 2:46
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 04:13:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	60282	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	221592	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	83656	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	142401	20.00	ng	0.00
76) Chrysene-d12	14.14	240	161487	20.00	ng	0.00
87) Perylene-d12	15.66	264	151461	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	324556	87.68	ng	0.00
7) Phenol-d6	6.58	99	375631	79.33	ng	0.00
23) Nitrobenzene-d5	7.52	82	324575	86.88	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	63811	77.00	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	545165	102.33	ng	0.00
79) Terphenyl-d14	13.07	244	542906	69.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	86324	44.509	ng	92
3) Pyridine	3.56	79	187369	43.375	ng	# 83
4) n-Nitrosodimethylamine	3.52	42	75682	41.817	ng	92
6) Aniline	6.62	93	235135	38.122	ng	# 53
8) 2-Chlorophenol	6.75	128	178846	41.905	ng	96
9) Benzaldehyde	6.51	77	109923	39.966	ng	98
10) Phenol	6.59	94	198446	39.209	ng	# 66
11) bis(2-Chloroethyl)ether	6.69	93	161256	38.726	ng	92
12) 1,3-Dichlorobenzene	6.90	146	194745	41.464	ng	97
13) 1,4-Dichlorobenzene	6.97	146	197167	41.508	ng	98
14) 1,2-Dichlorobenzene	7.13	146	181816	41.231	ng	100
15) Benzyl Alcohol	7.09	79	141914	38.969	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.23	45	252169	37.876	ng	69
17) 2-Methylphenol	7.20	107	132585	38.980	ng	# 79
18) Hexachloroethane	7.47	117	69816	40.145	ng	99
19) n-Nitroso-di-n-propylamine	7.36	70	108528	35.728	ng	# 96
20) 3+4-Methylphenols	7.35	107	166978	37.979	ng	# 85
22) Acetophenone	7.36	105	223959	43.862	ng	# 95
24) Nitrobenzene	7.54	77	165195	42.829	ng	95
25) Isophorone	7.77	82	246002	38.629	ng	96
26) 2-Nitrophenol	7.86	139	79996	43.583	ng	94
27) 2,4-Dimethylphenol	7.88	122	123154	40.470	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	175458	40.557	ng	99
29) 2,4-Dichlorophenol	8.09	162	125078	40.683	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	148159	43.023	ng	95
31) Naphthalene	8.26	128	422757	41.394	ng	99
32) Benzoic acid	7.98	122	53708	22.835	ng	96
33) 4-Chloroaniline	8.31	127	177994	38.725	ng	98
34) Hexachlorobutadiene	8.37	225	85767	44.855	ng	99
35) Caprolactam	8.67	113	34069	31.794	ng	# 85
36) 4-Chloro-3-methylphenol	8.78	107	119784	36.030	ng	99
37) 2-Methylnaphthalene	8.95	142	256943	38.025	ng	98
38) 1-Methylnaphthalene	9.05	142	246184	37.701	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	124855	47.901	ng	98

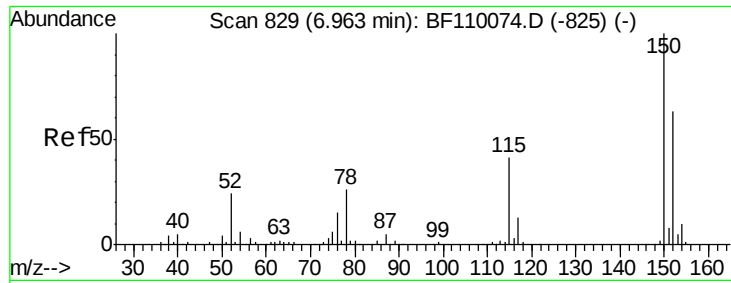
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110386.D
 Acq On : 2 Nov 2018 2:46
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 04:13:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	10649	7.990	nq	92
43) 2,4,6-Trichlorophenol	9.23	196	75640	44.992	nq	99
44) 2,4,5-Trichlorophenol	9.27	196	75727	42.613	nq	95
46) 1,1'-Biphenyl	9.42	154	352658	46.617	nq	99
47) 2-Chloronaphthalene	9.45	162	251075	45.246	nq	98
48) 2-Nitroaniline	9.54	65	71159	42.317	nq	96
49) Acenaphthylene	9.86	152	338647	42.252	nq	100
50) Dimethylphthalate	9.70	163	264664	42.859	nq	99
51) 2,6-Dinitrotoluene	9.78	165	55493	41.718	nq	85
52) Acenaphthene	10.03	154	211303	39.852	nq	97
53) 3-Nitroaniline	9.95	138	63080	39.878	nq	92
54) 2,4-Dinitrophenol	10.06	184	4499	13.146	nq	95
55) Dibenzofuran	10.20	168	306631	41.305	nq	96
56) 4-Nitrophenol	10.10	139	39456	33.702	nq	96
57) 2,4-Dinitrotoluene	10.19	165	68511	40.549	nq	# 85
58) Fluorene	10.55	166	222490	40.270	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	54072	37.330	nq	95
60) Diethylphthalate	10.40	149	247293	41.024	nq	100
61) 4-Chlorophenyl-phenylether	10.53	204	118499	40.657	nq	99
62) 4-Nitroaniline	10.56	138	61199	38.899	nq	90
63) Azobenzene	10.69	77	232579	38.870	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	11039	16.968	nq	97
66) n-Nitrosodiphenylamine	10.65	169	204823	43.852	nq	97
67) 4-Bromophenyl-phenylether	11.03	248	65577	42.455	nq	97
68) Hexachlorobenzene	11.10	284	68051	41.522	nq	96
69) Atrazine	11.17	200	59825	40.530	nq	99
70) Pentachlorophenol	11.29	266	46072	48.210	nq	93
71) Phenanthrene	11.52	178	317548	42.618	nq	98
72) Anthracene	11.57	178	325112	43.531	nq	99
73) Carbazole	11.72	167	321826	44.133	nq	99
74) Di-n-butylphthalate	12.03	149	372183	45.191	nq	99
75) Fluoranthene	12.70	202	365650	48.354	nq	99
77) Benzidine	12.83	184	213038	49.512	nq	98
78) Pyrene	12.94	202	384065	33.174	nq	98
80) Butylbenzylphthalate	13.54	149	181877	36.194	nq	96
81) Benzo(a)anthracene	14.13	228	394205	41.164	nq	98
82) 3,3'-Dichlorobenzidine	14.09	252	149437	44.813	nq	99
83) Chrysene	14.16	228	379461	41.718	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	259386	38.186	nq	96
85) Di-n-octyl phthalate	14.70	149	485259	45.943	nq	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	287705	38.128	nq	98
88) Benzo(b)fluoranthene	15.21	252	365193	41.754	nq	98
89) Benzo(k)fluoranthene	15.24	252	363581	42.284	nq	98
90) Benzo(a)pyrene	15.60	252	329773	40.976	nq	98
91) Dibenzo(a,h)anthracene	17.24	278	243554	35.073	nq	98
92) Benzo(g,h,i)perylene	17.70	276	219065	32.013	nq	99

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

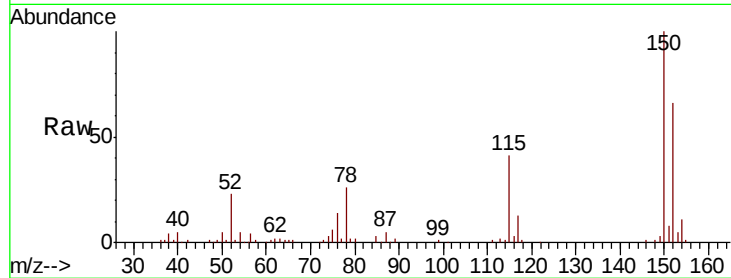


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.7	184.1
115	62.7	49.1	73.7

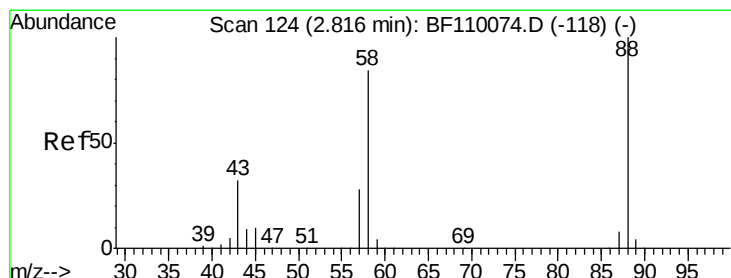
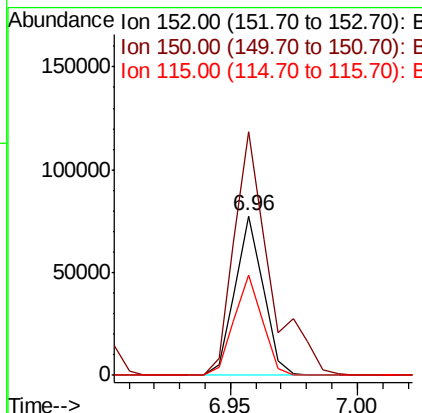
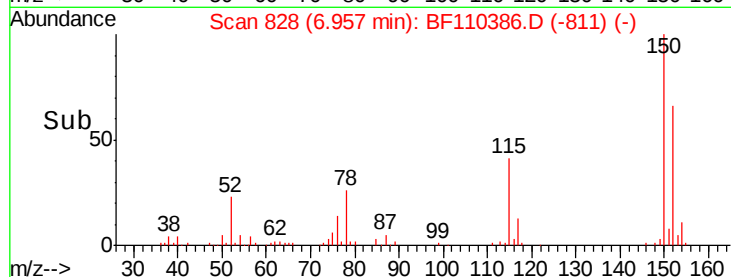


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

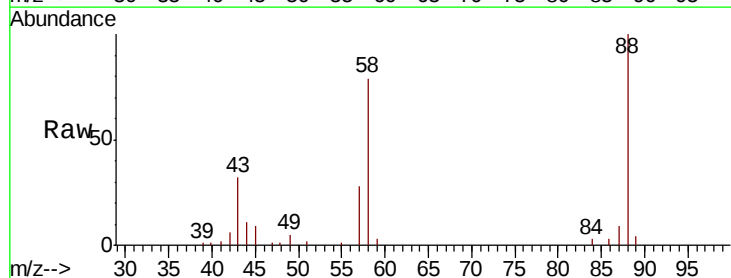
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.509 ng
RT: 2.77 min Scan# 116
Delta R.T. -0.03 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.9	57.1	85.7
43	32.4	24.1	36.1

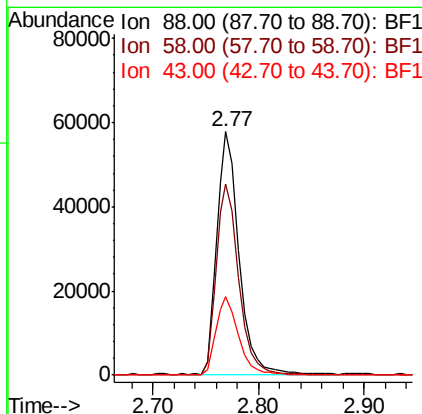
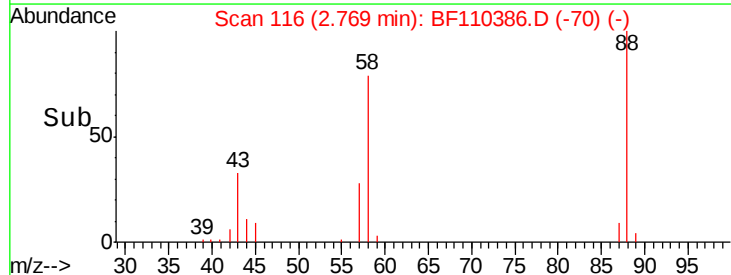


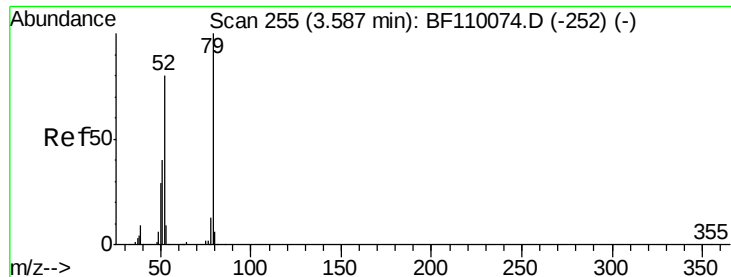
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 43.375 ng

RT: 3.56 min Scan# 251

Delta R.T. -0.02 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

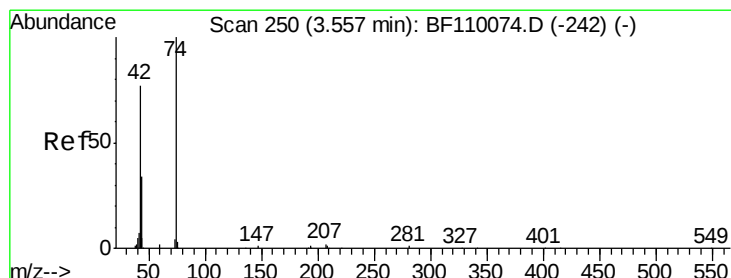
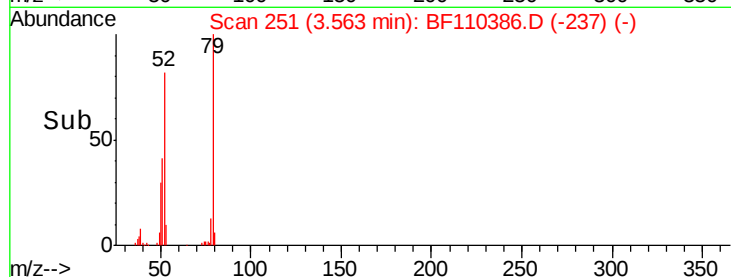
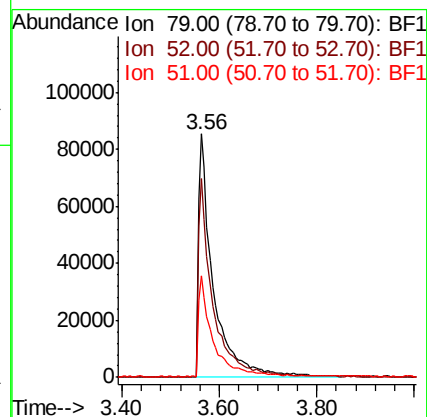
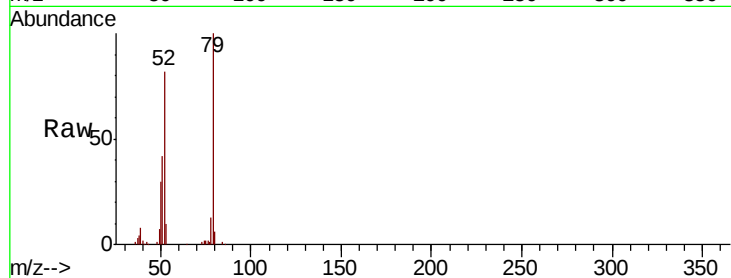
Tot Ion: 79 Resp: 187369

Ion Ratio Lower Upper

79 100

52 81.8 53.1 79.7#

51 41.5 27.4 41.2#



#4

n-Nitrosodimethylamine

Concen: 41.817 ng

RT: 3.52 min Scan# 243

Delta R.T. -0.03 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

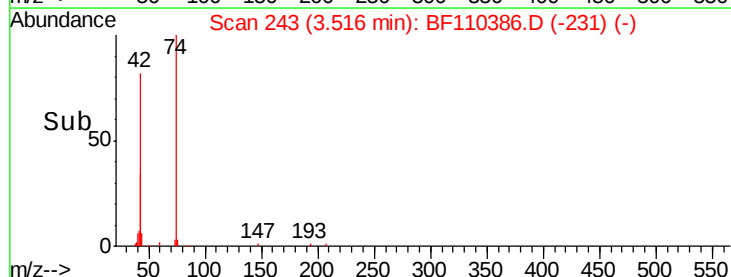
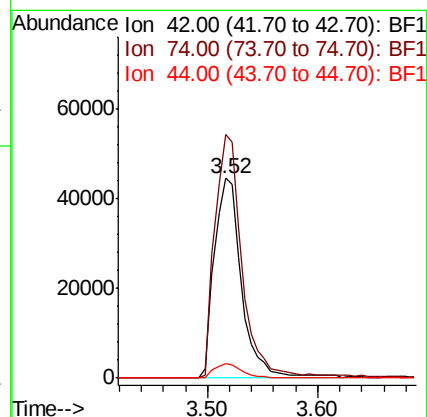
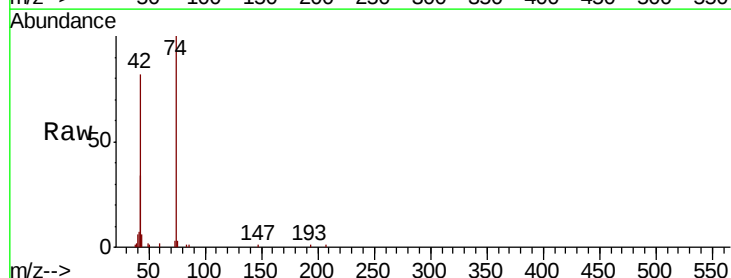
Tgt Ion: 42 Resp: 75682

Ion Ratio Lower Upper

42 100

74 121.8 105.5 158.3

44 7.2 4.9 7.3





#5

2-Fluorophenol

Concen: 87.675 ng

RT: 5.57 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampled :

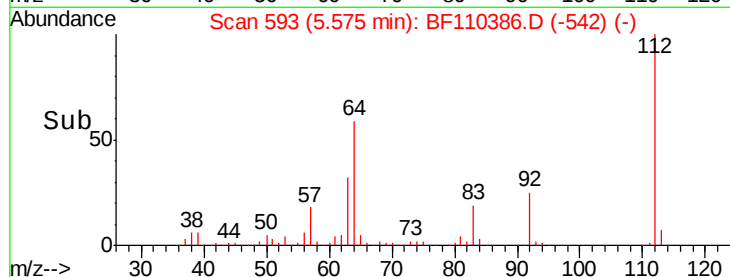
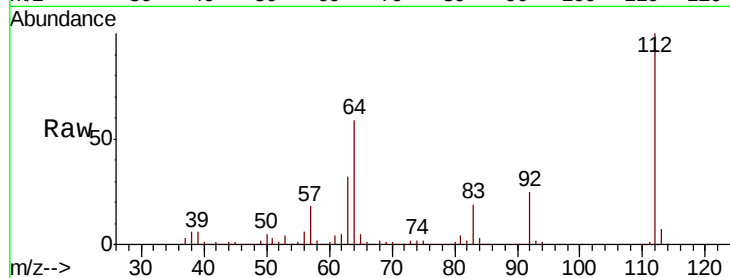
Tot Ion: 112 Resp: 324556

Ion Ratio Lower Upper

112 100

64 59.0 44.1 66.1

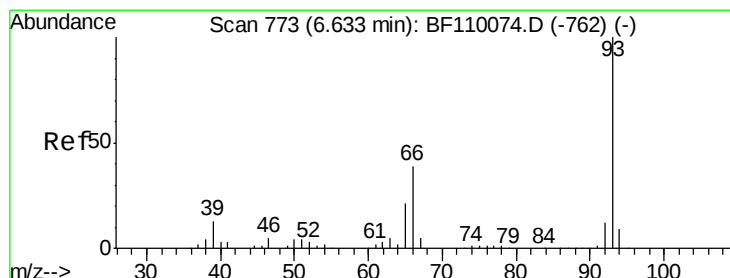
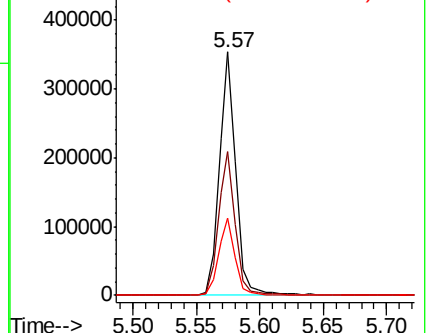
63 31.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.122 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

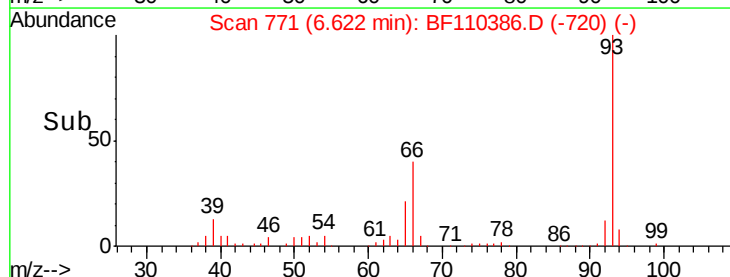
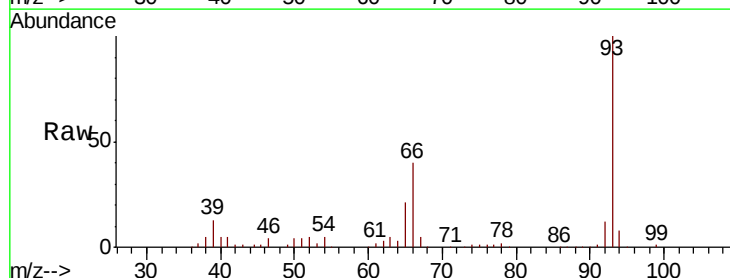
Tgt Ion: 93 Resp: 235135

Ion Ratio Lower Upper

93 100

66 40.4 67.4 101.0#

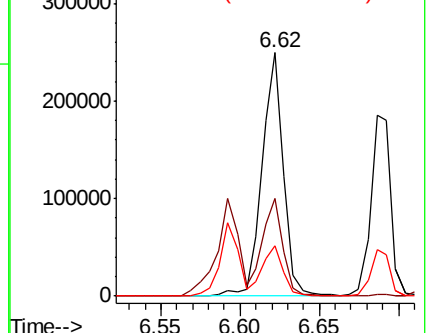
65 20.6 41.0 61.4#

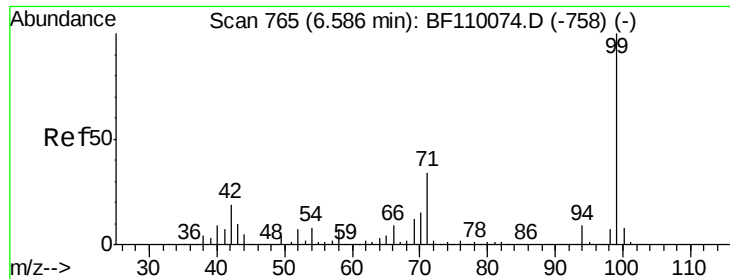


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.333 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

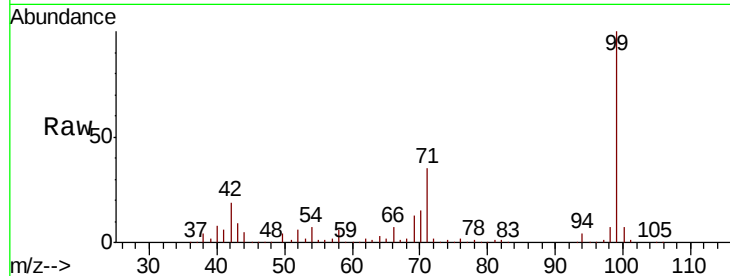
Tot Ion: 99 Resp: 375631

Ion Ratio Lower Upper

99 100

42 19.5 15.8 23.6

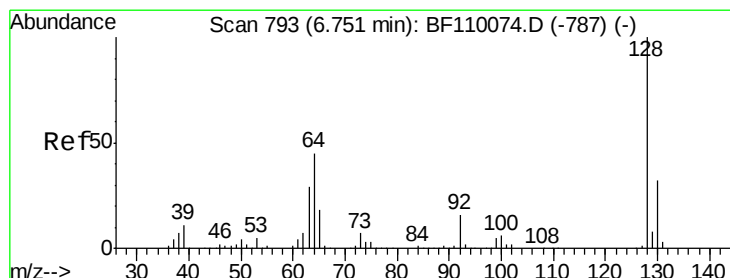
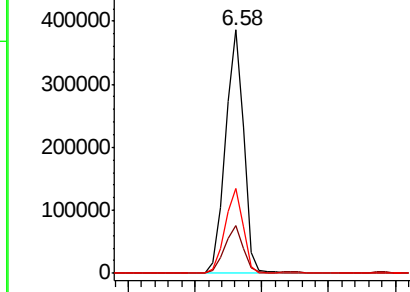
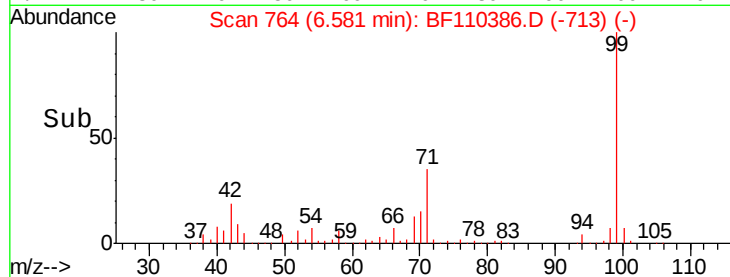
71 34.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.905 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

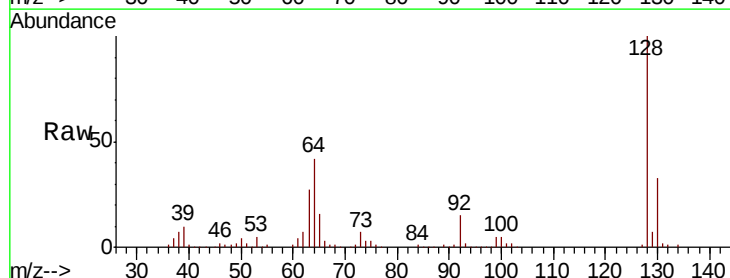
Tgt Ion: 128 Resp: 178846

Ion Ratio Lower Upper

128 100

130 32.6 13.1 53.1

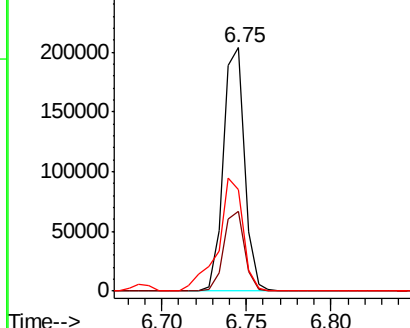
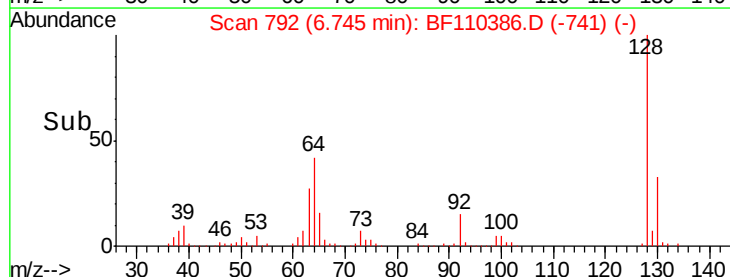
64 41.9 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.966 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

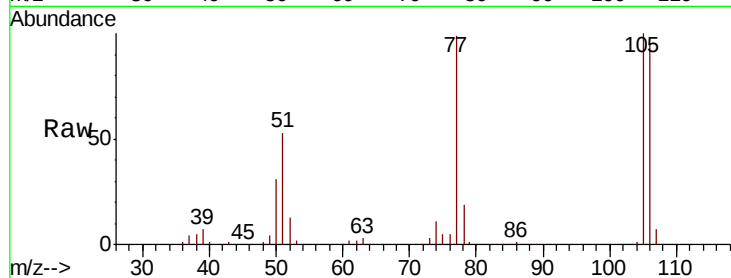
Tot Ion: 77 Resp: 109923

Ion Ratio Lower Upper

77 100

105 100.9 78.6 118.6

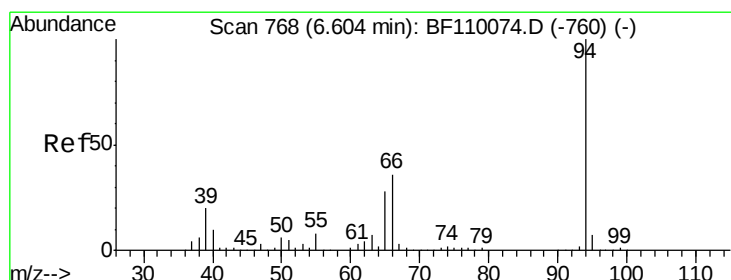
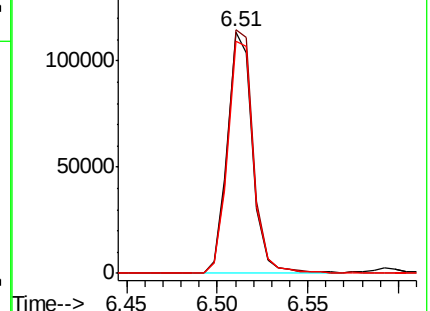
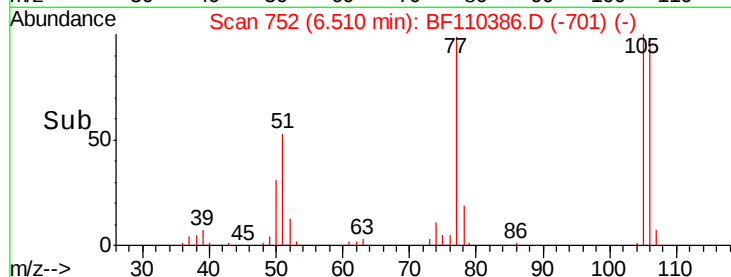
106 96.4 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.209 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

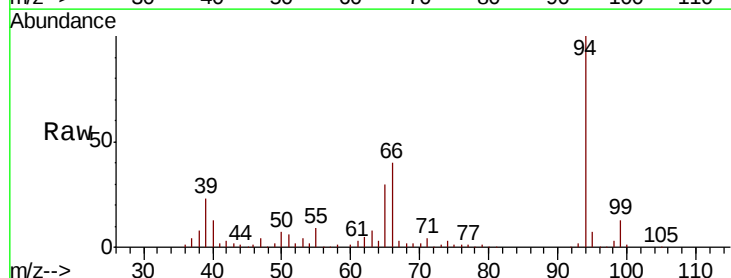
Tgt Ion: 94 Resp: 198446

Ion Ratio Lower Upper

94 100

65 30.1 25.3 65.3

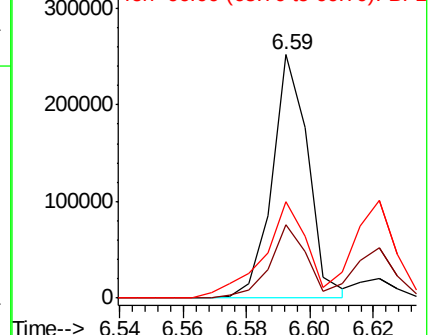
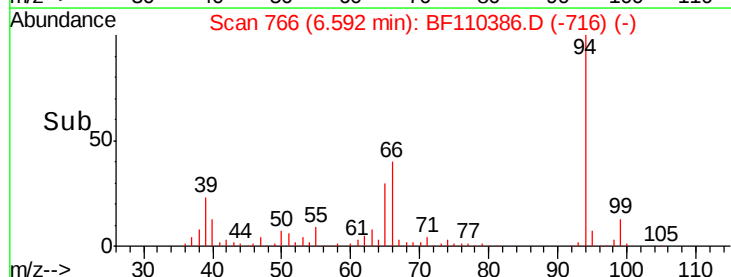
66 39.7 54.5 94.5#

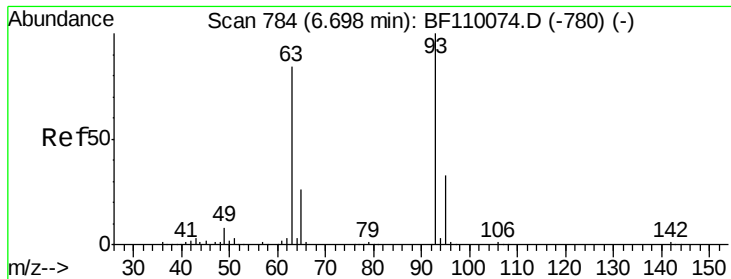


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.726 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

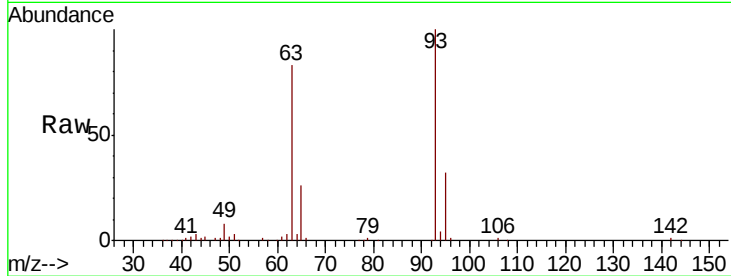
Tot Ion: 93 Resp: 161256

Ion Ratio Lower Upper

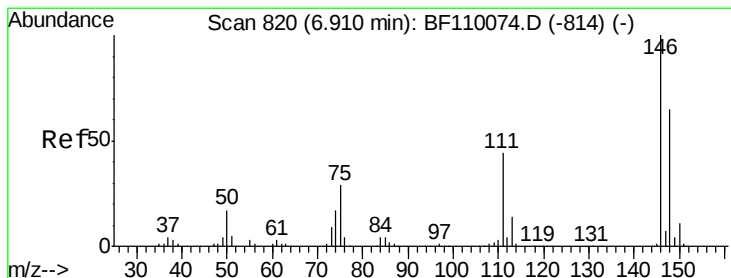
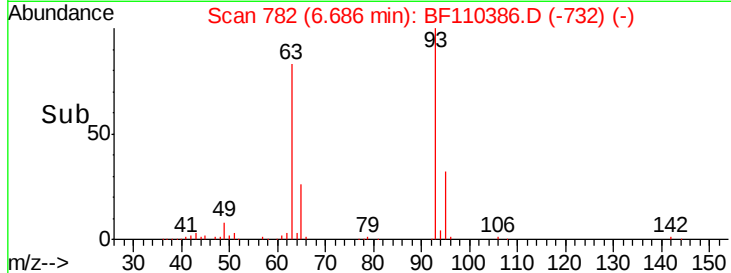
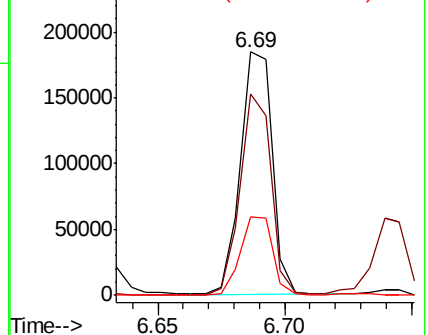
93 100

63 82.8 53.4 93.4

95 32.4 12.1 52.1



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



#12

1,3-Dichlorobenzene

Concen: 41.464 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

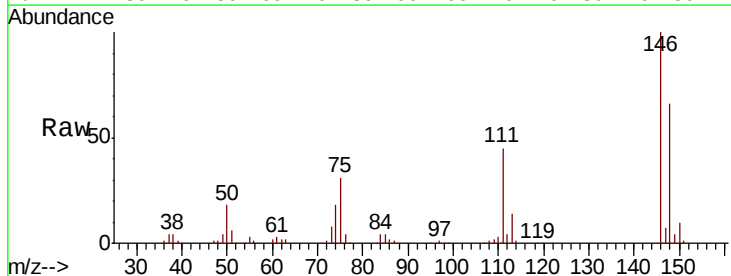
Tgt Ion: 146 Resp: 194745

Ion Ratio Lower Upper

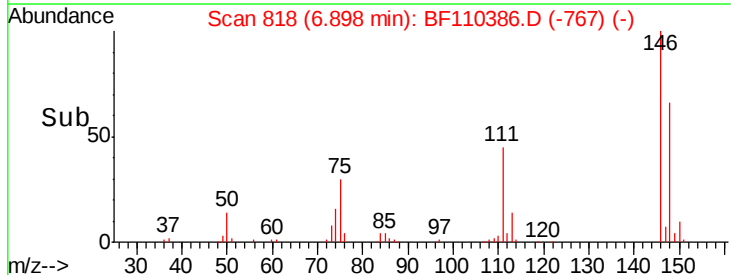
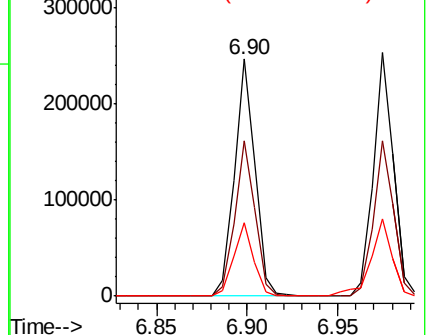
146 100

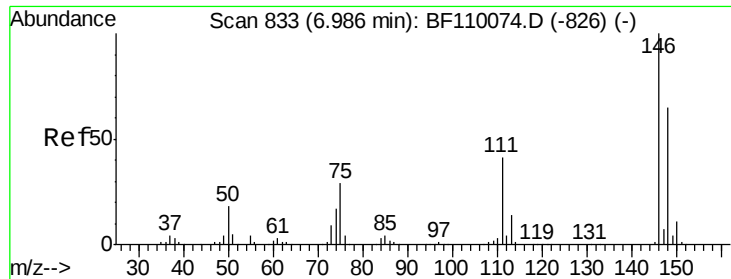
148 65.6 50.4 75.6

75 31.0 25.8 38.6



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

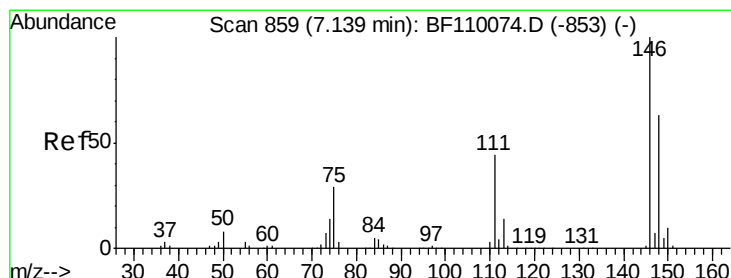
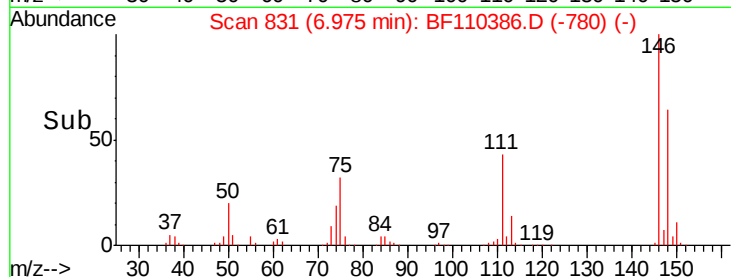
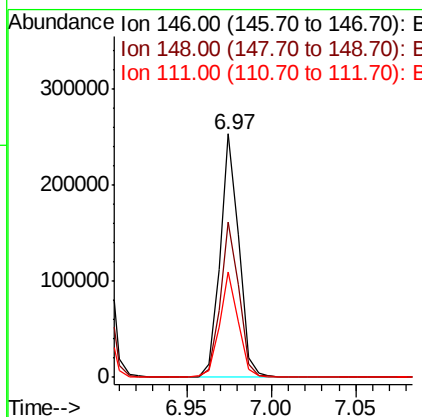
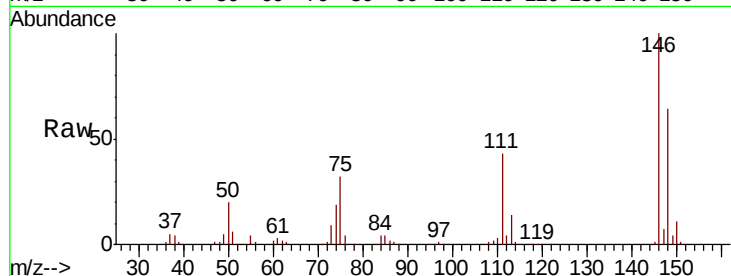




#13
 1,4-Dichlorobenzene
 Concen: 41.508 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

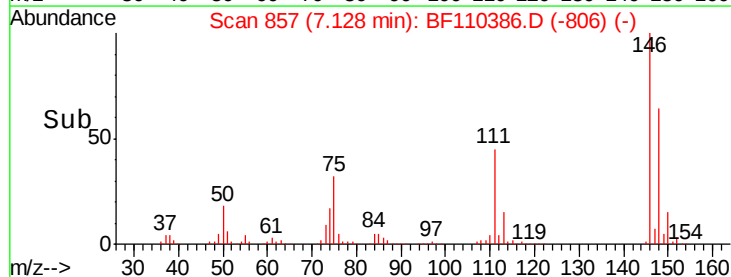
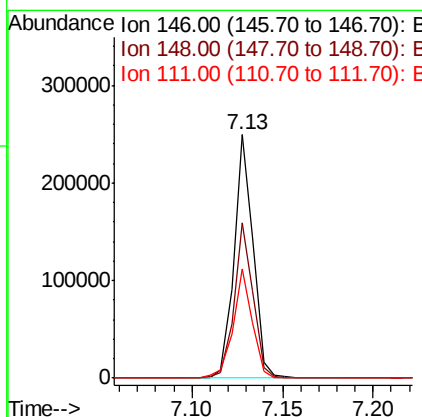
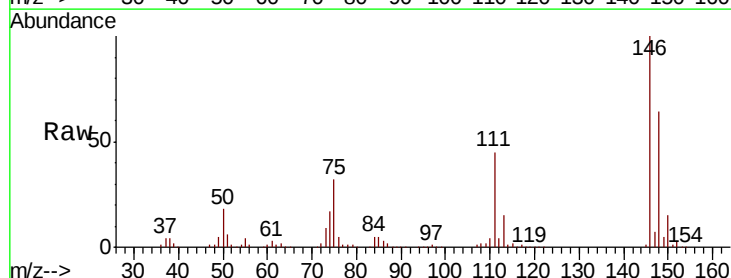
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.3	75.5
111	43.3	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 41.231 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	44.9	35.8	53.6





#15

Benzyl Alcohol

Concen: 38.969 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

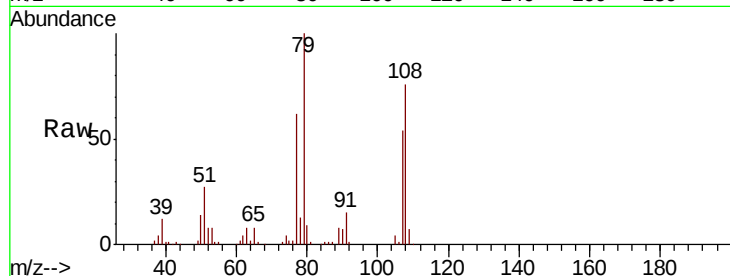
Tot Ion: 79 Resp: 141914

Ion Ratio Lower Upper

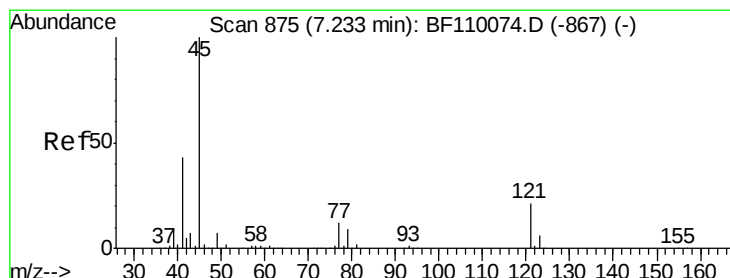
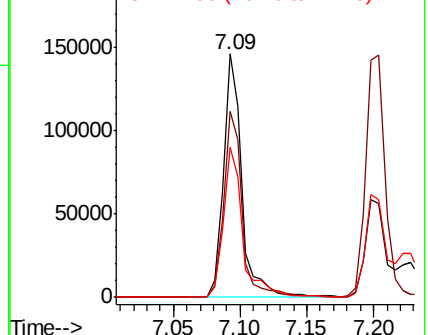
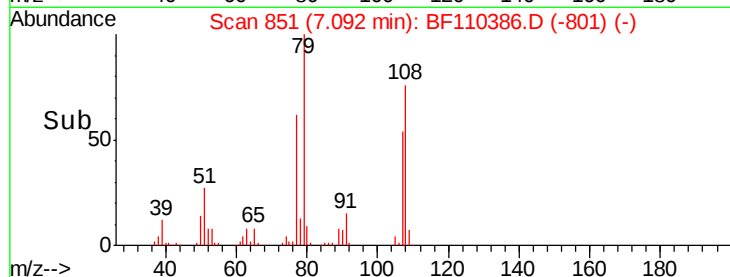
79 100

108 76.2 56.3 84.5

77 61.5 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.876 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

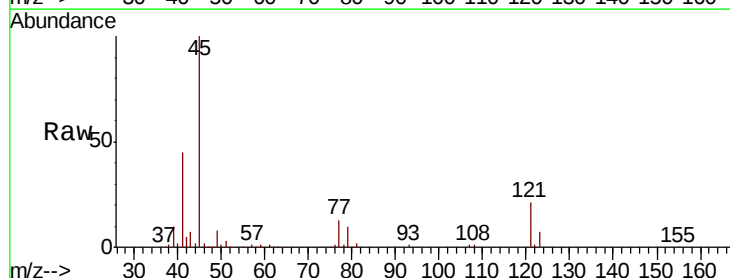
Tgt Ion: 45 Resp: 252169

Ion Ratio Lower Upper

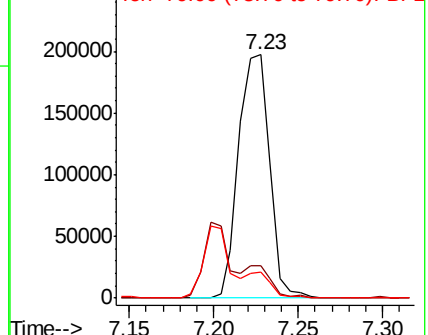
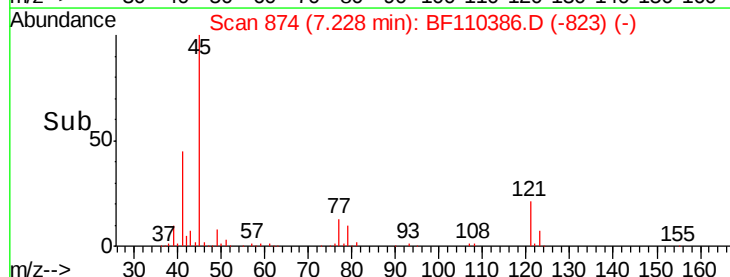
45 100

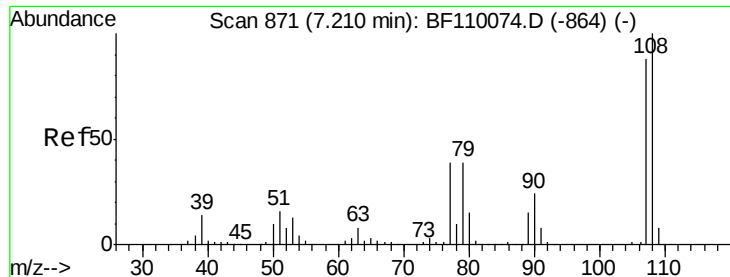
77 13.3 10.0 50.0

79 10.5 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.980 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 132585

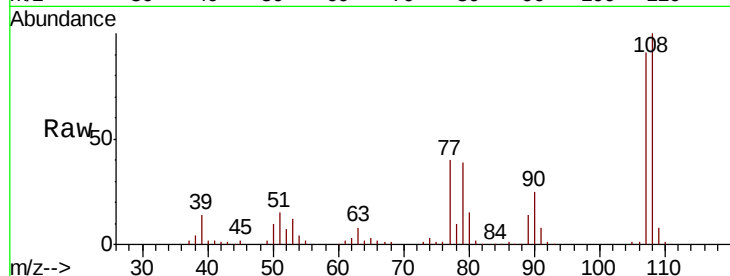
Ion Ratio Lower Upper

107 100

108 109.9 92.6 138.8

77 44.2 59.4 89.2#

79 42.4 54.0 81.0#



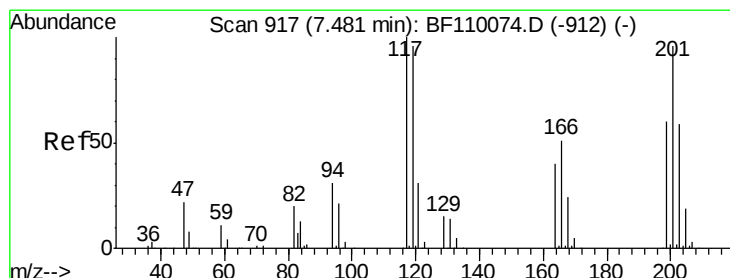
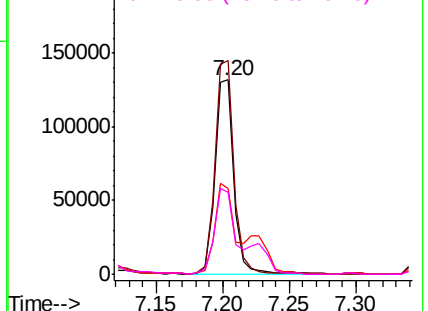
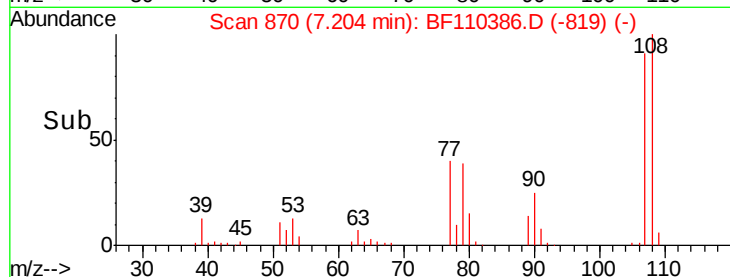
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.145 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

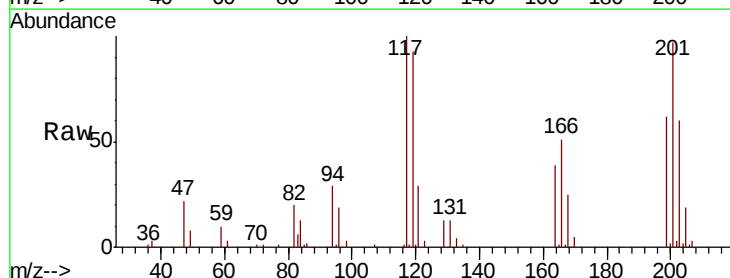
Tgt Ion:117 Resp: 69816

Ion Ratio Lower Upper

117 100

119 93.4 75.0 112.6

201 97.1 79.2 118.8

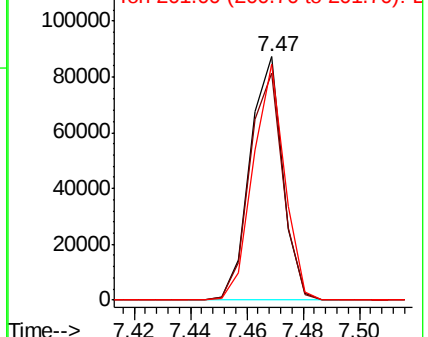
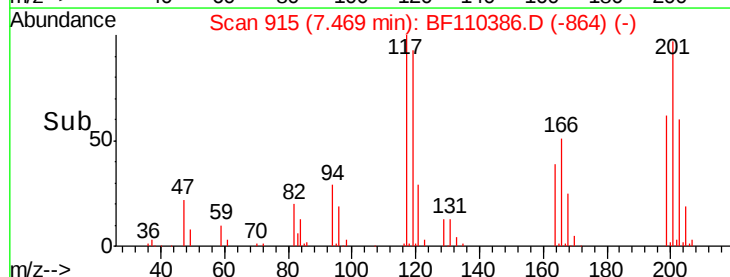


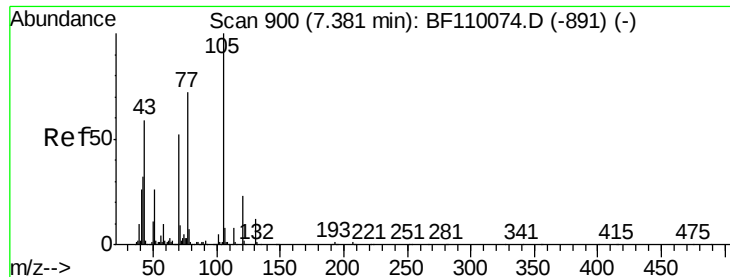
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

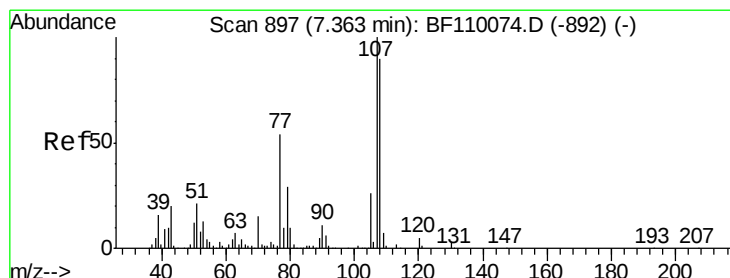
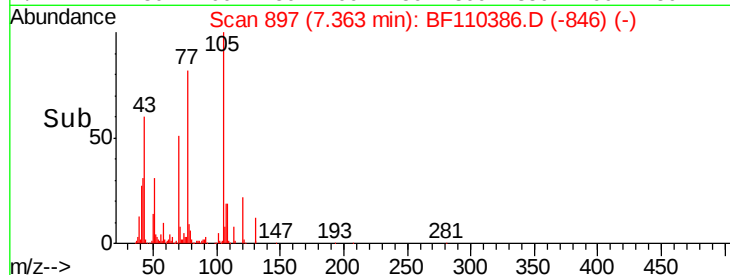
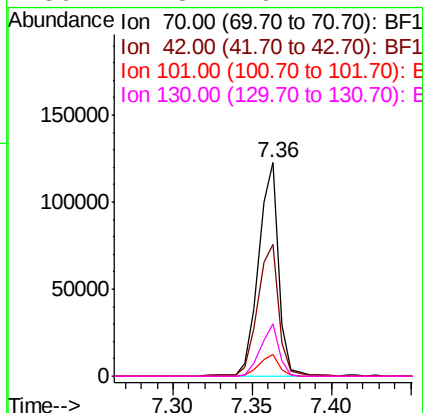
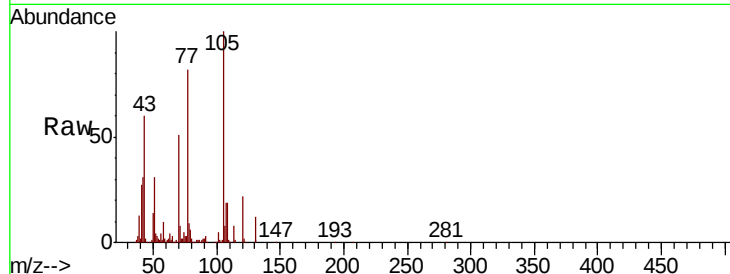




#19
n-Nitroso-di-n-propylamine
Concen: 35.728 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

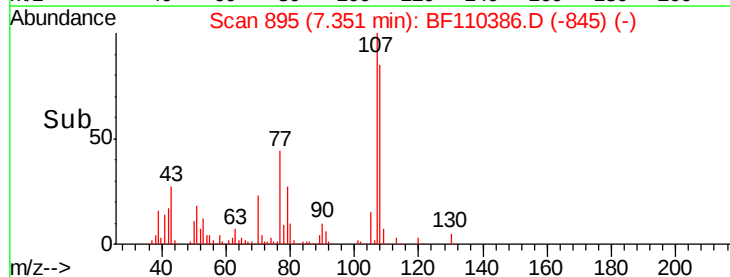
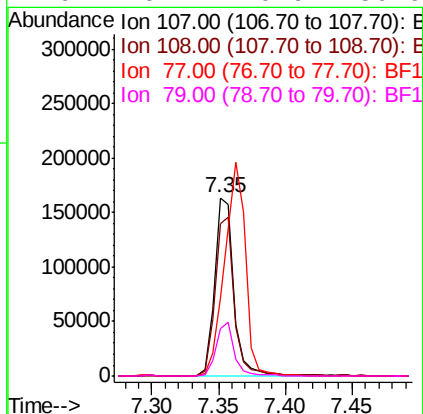
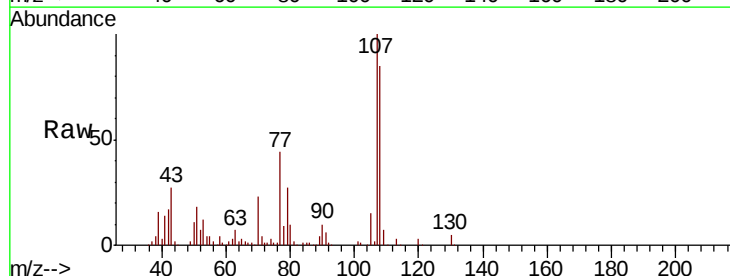
Instrument :
BNA_F
ClientSampleId :

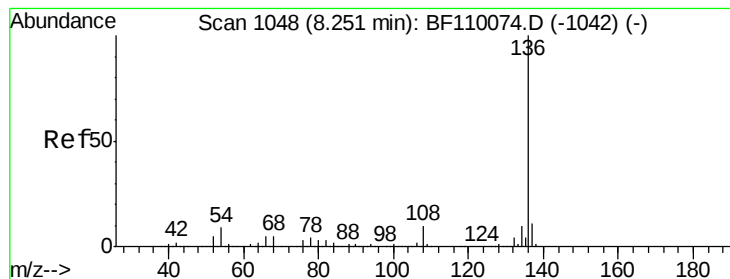
Tot Ion: 70 Resp: 108528
Ion Ratio Lower Upper
70 100
42 61.5 47.4 71.2
101 10.4 7.3 10.9
130 24.3 16.2 24.2#



#20
3+4-Methylphenols
Concen: 37.979 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion:107 Resp: 166978
Ion Ratio Lower Upper
107 100
108 85.2 71.4 111.4
77 44.1 47.3 87.3#
79 26.7 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 221592

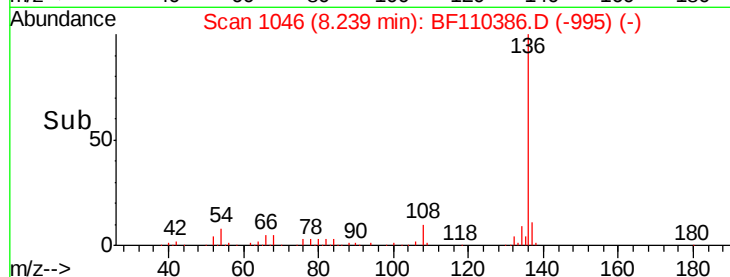
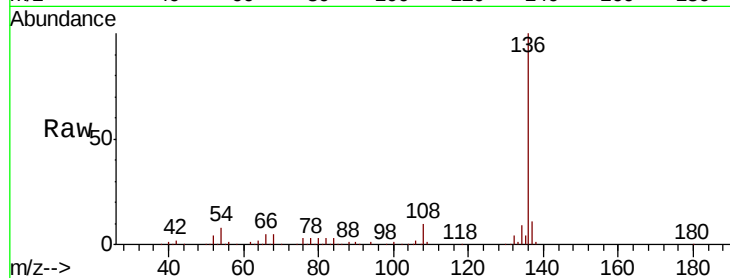
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.9 5.4 8.2

68 5.0 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E

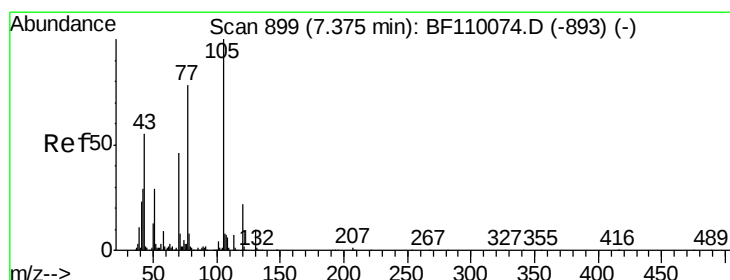
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

8.24

Time-->



#22

Acetophenone

Concen: 43.862 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Tgt Ion:105 Resp: 223959

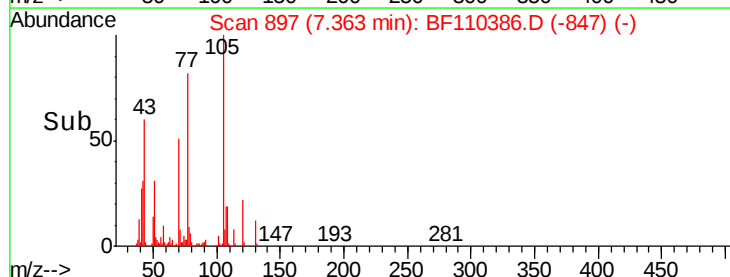
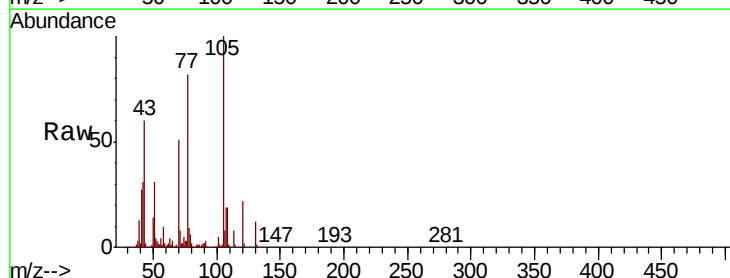
Ion Ratio Lower Upper

105 100

71 8.5 5.2 7.8#

51 30.8 21.8 32.8

120 22.1 17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E

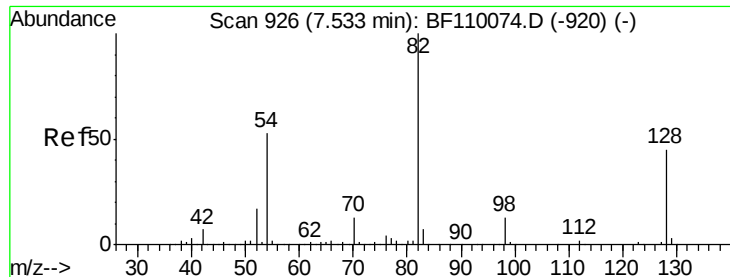
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

7.36

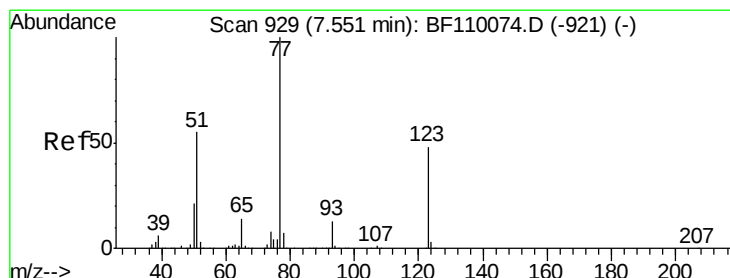
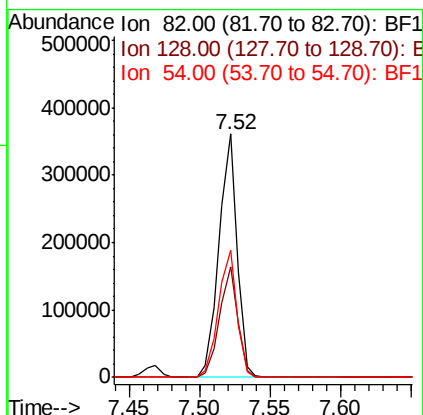
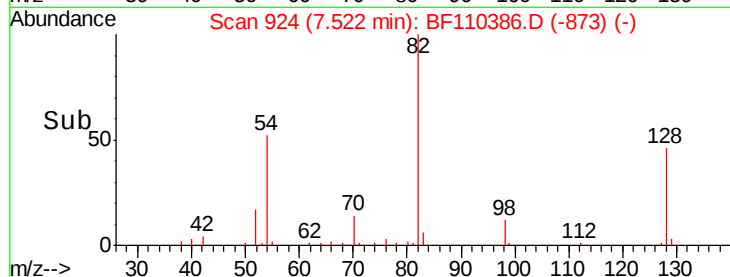
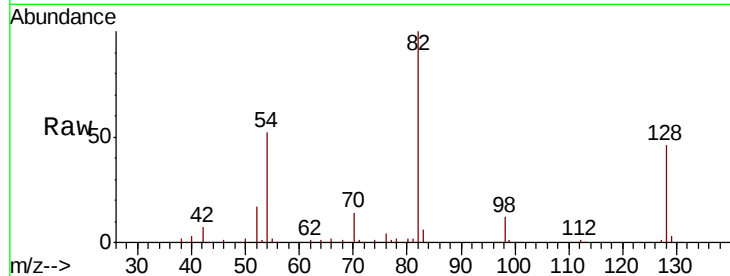
Time-->



#23
 Nitrobenzene-d5
 Concen: 86.878 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

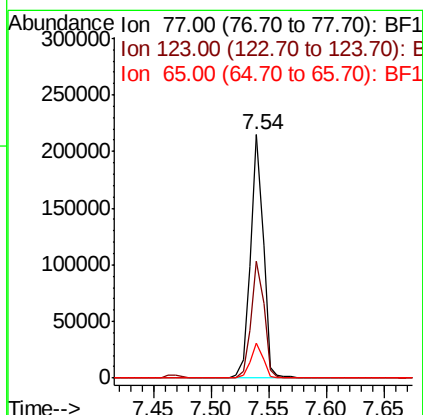
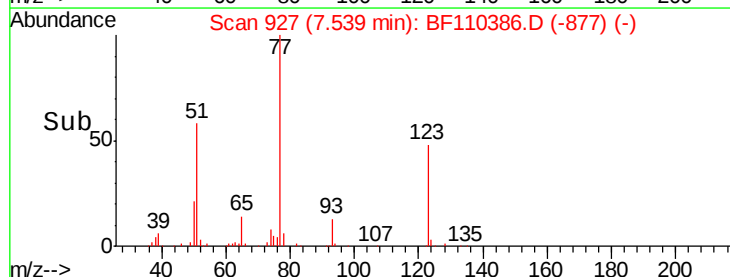
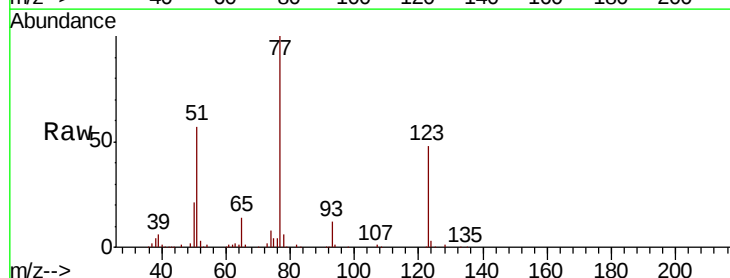
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 324575
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.2 51.2
 54 52.3 38.6 58.0



#24
 Nitrobenzene
 Concen: 42.829 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Tgt Ion: 77 Resp: 165195
 Ion Ratio Lower Upper
 77 100
 123 48.1 35.7 53.5
 65 14.2 10.7 16.1

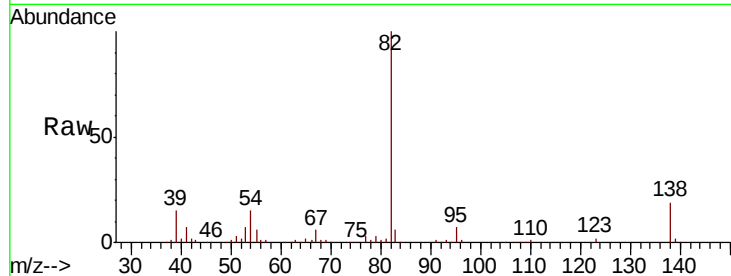




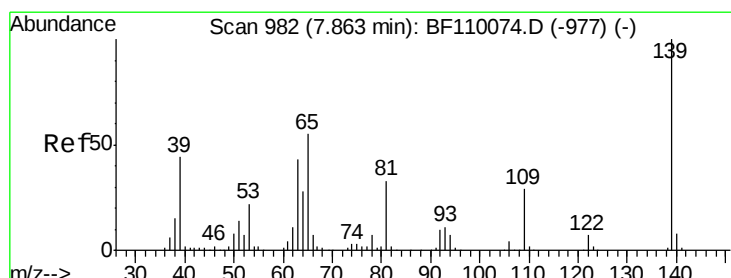
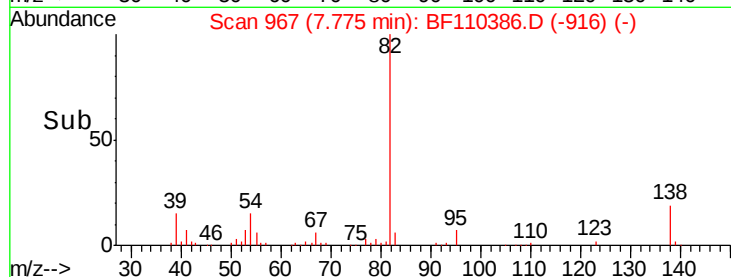
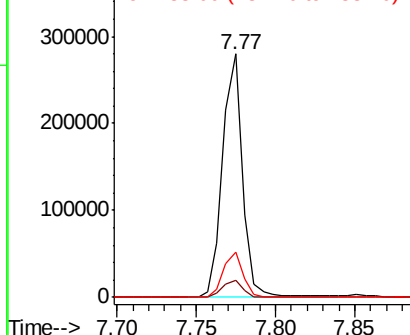
#25
Isophorone
Concen: 38.629 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 246002
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.6 13.2 19.8

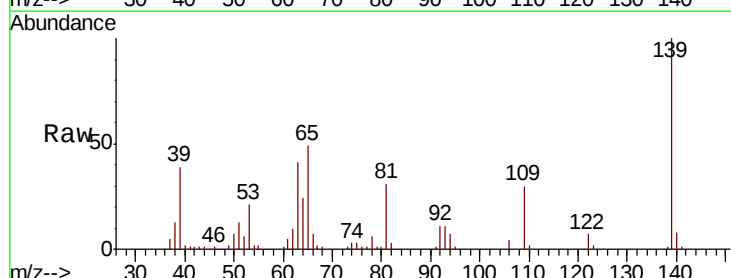


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

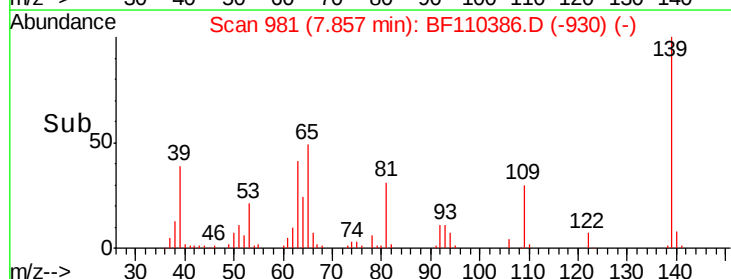
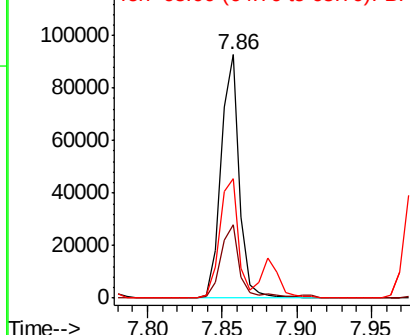


#26
2-Nitrophenol
Concen: 43.583 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion: 139 Resp: 79996
Ion Ratio Lower Upper
139 100
109 30.1 25.0 37.6
65 48.9 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

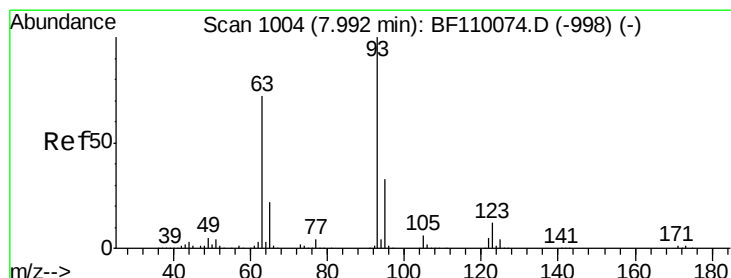
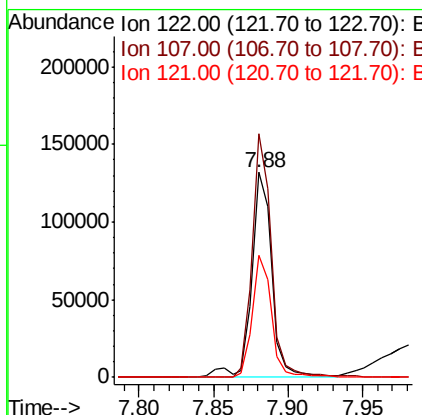
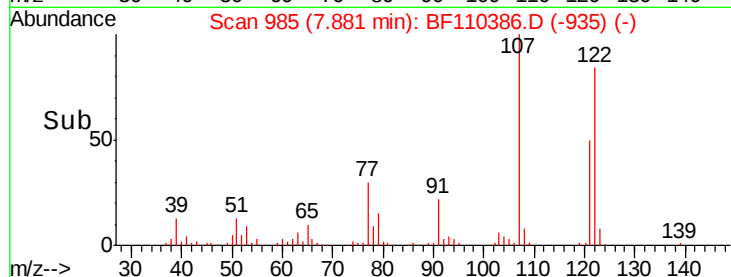
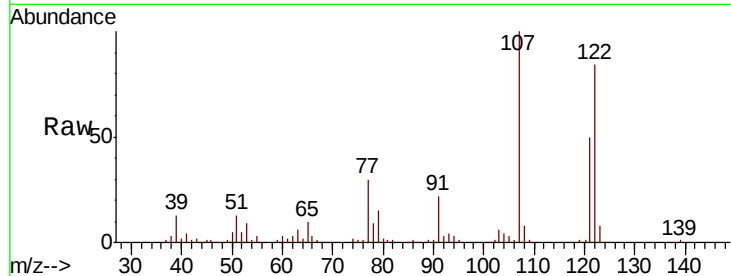




#27
 2,4-Dimethylphenol
 Concen: 40.470 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

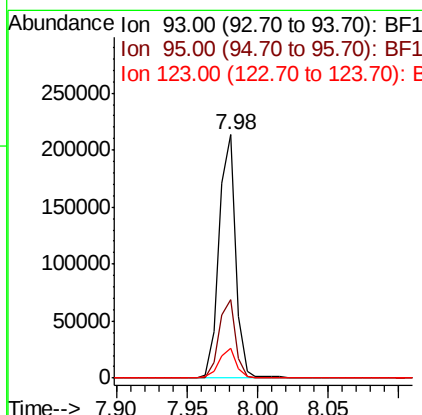
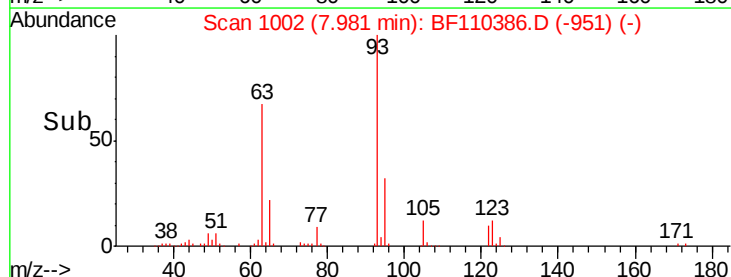
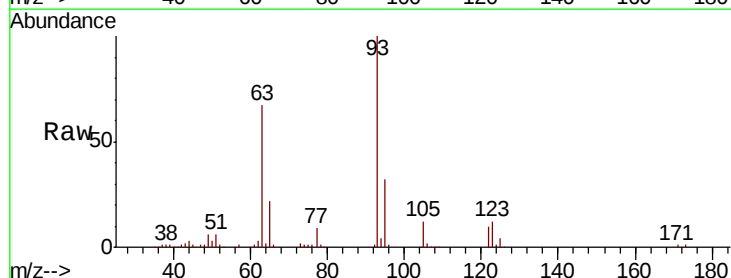
Instrument :
 BNA_F
 ClientSampleId :

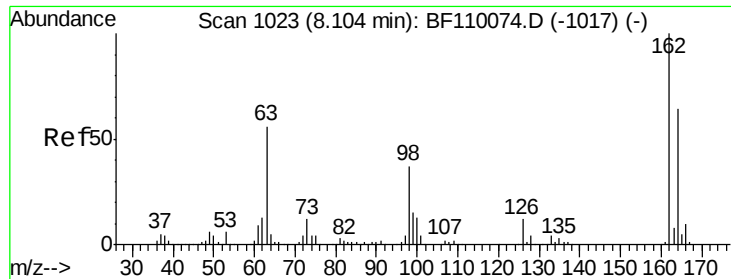
Tot Ion:122 Resp: 123154
 Ion Ratio Lower Upper
 122 100
 107 118.9 92.5 138.7
 121 59.6 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.557 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Tgt Ion: 93 Resp: 175458
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.4 39.6
 123 12.2 9.0 13.6

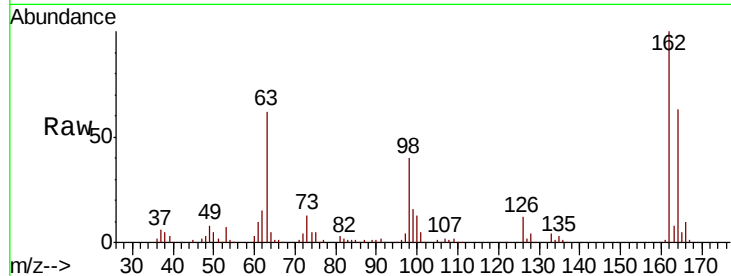




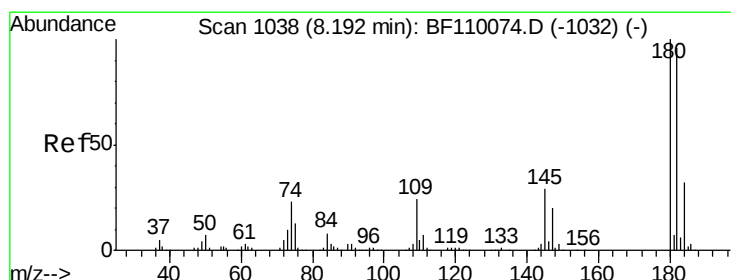
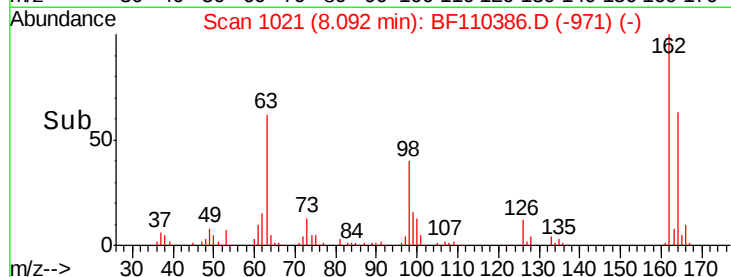
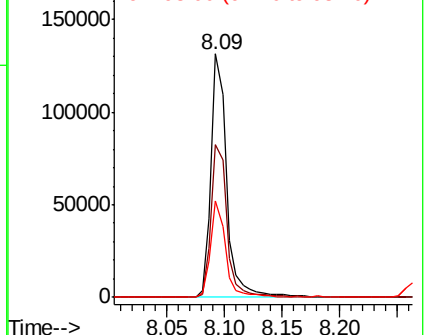
#29
2,4-Dichlorophenol
Concen: 40.683 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.6	84.6
98	39.8	17.4	57.4

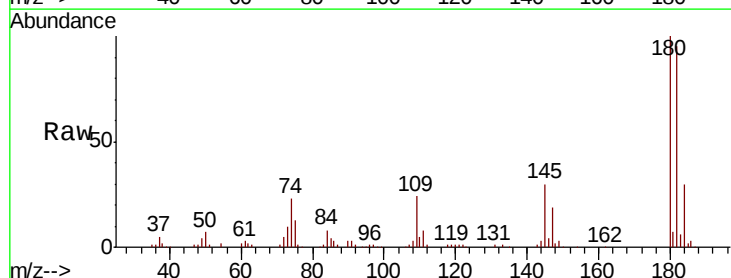


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

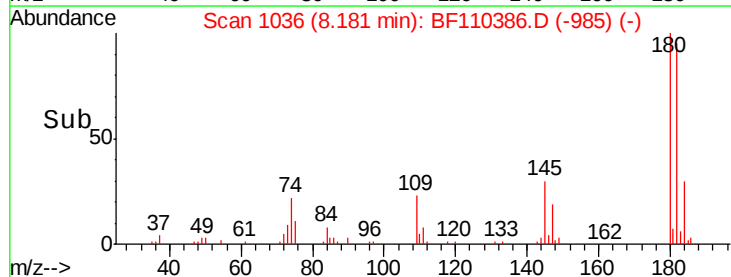
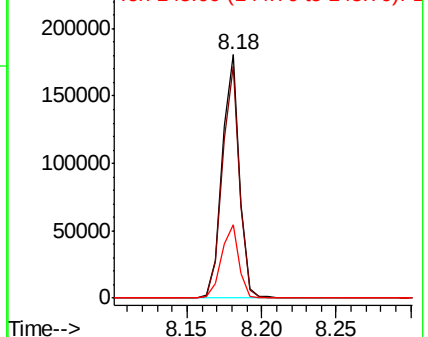


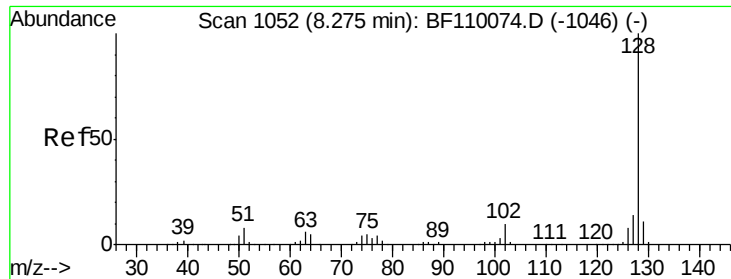
#30
1,2,4-Trichlorobenzene
Concen: 43.023 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	80.3	120.5
145	30.3	25.4	38.0



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

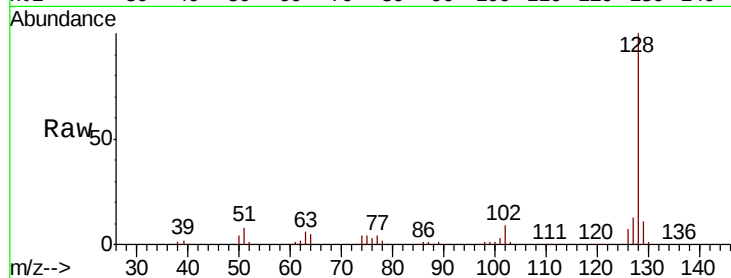




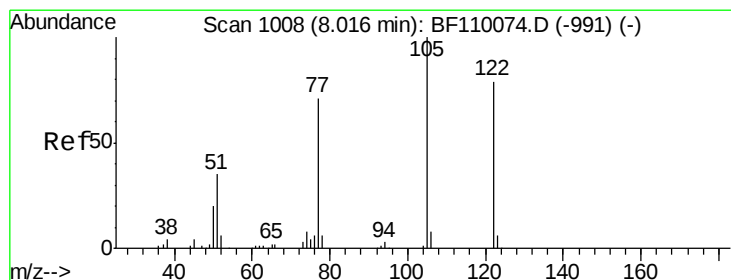
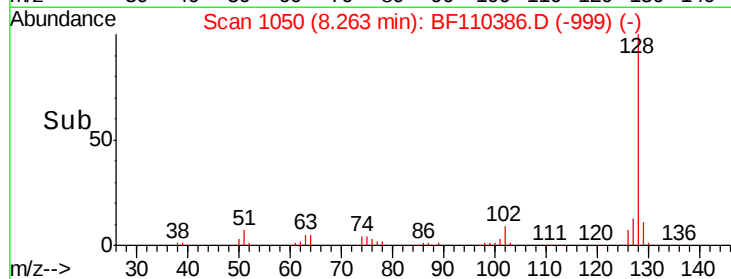
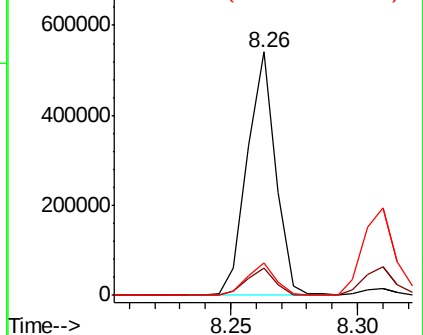
#31
Naphthalene
Concen: 41.394 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 422757
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.8 16.2

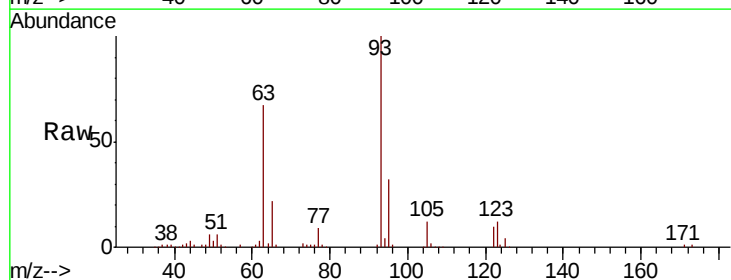


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

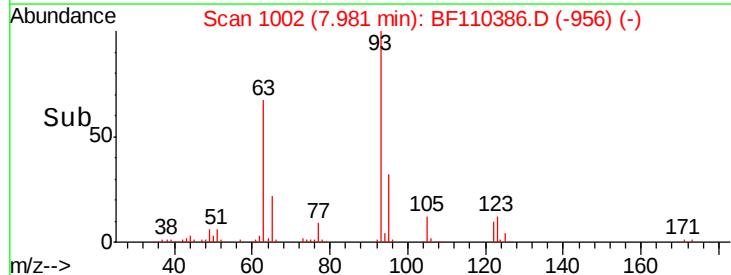
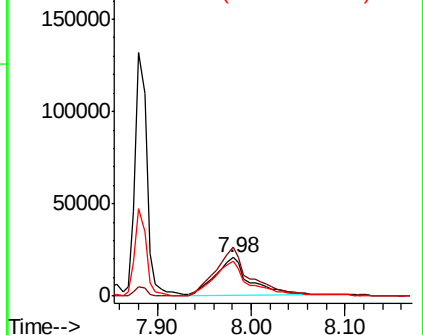


#32
Benzoic acid
Concen: 22.835 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion:122 Resp: 53708
Ion Ratio Lower Upper
122 100
105 126.8 109.0 149.0
77 92.4 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

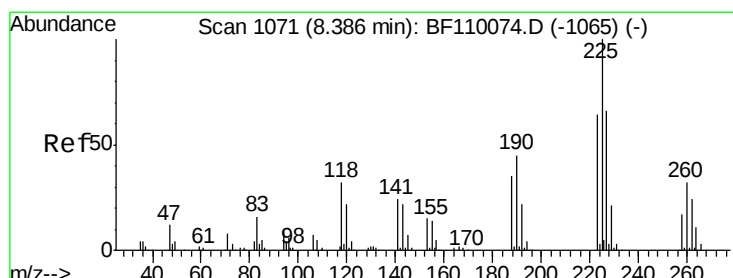
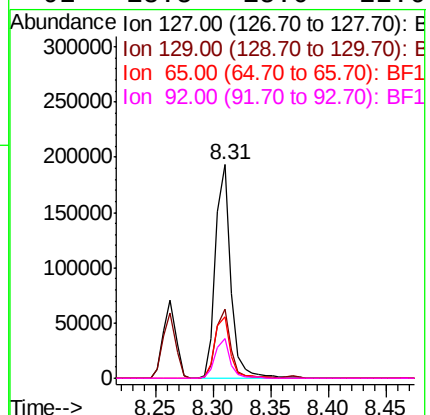
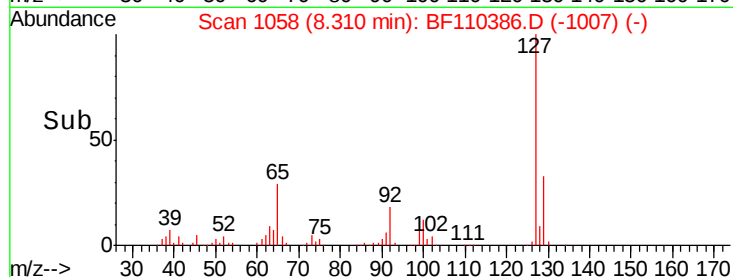
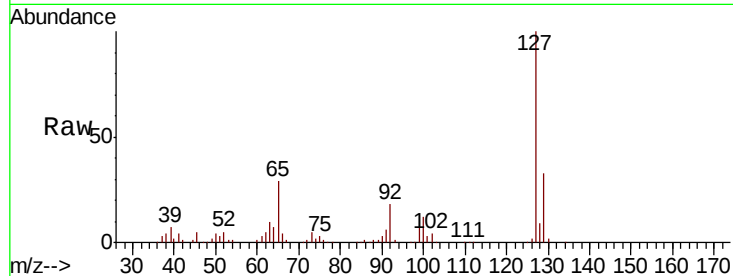




#33
4-Chloroaniline
Concen: 38.725 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

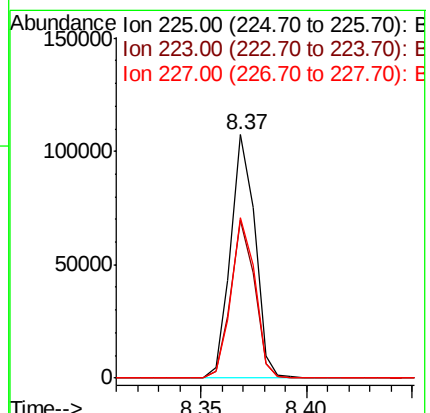
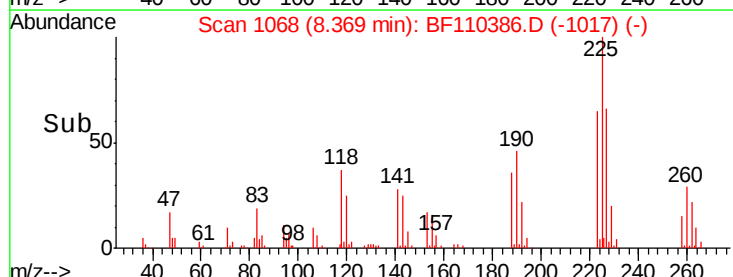
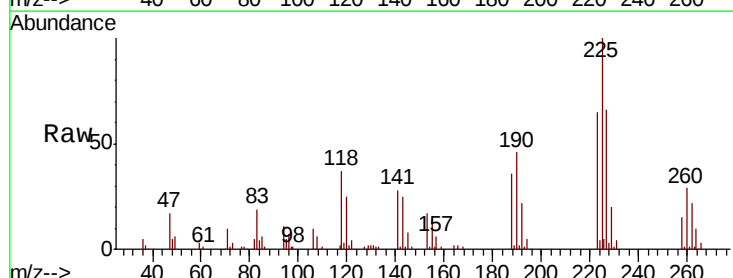
Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	177994
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	29.0	25.1	37.7
92	18.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 44.855 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion:	225	Resp:	85767
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.4	77.2
227	65.8	51.0	76.6

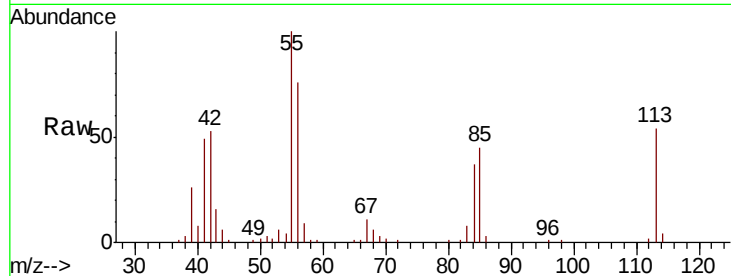




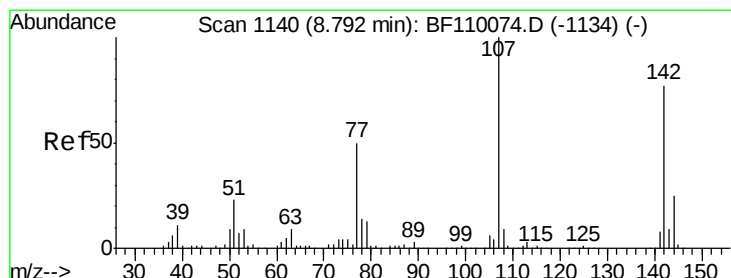
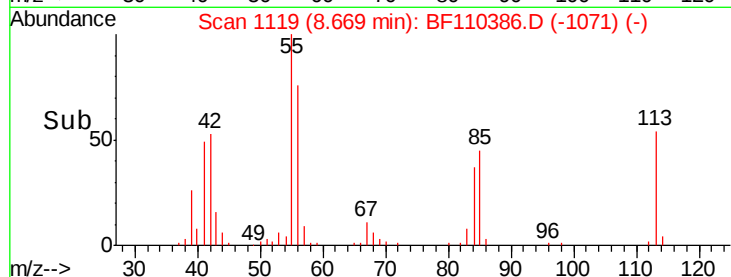
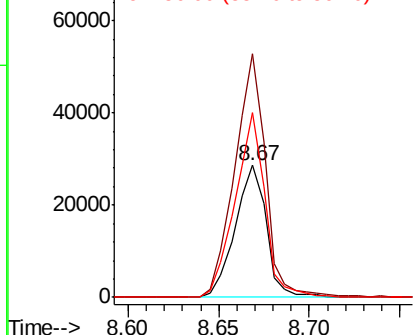
#35
 Caprolactam
 Concen: 31.794 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 34069
 Ion Ratio Lower Upper
 113 100
 55 184.4 142.8 182.8#
 56 139.9 105.0 145.0

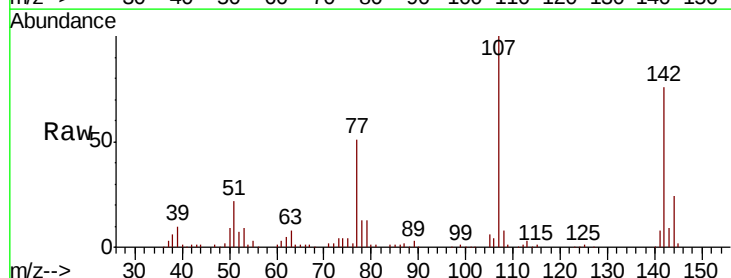


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

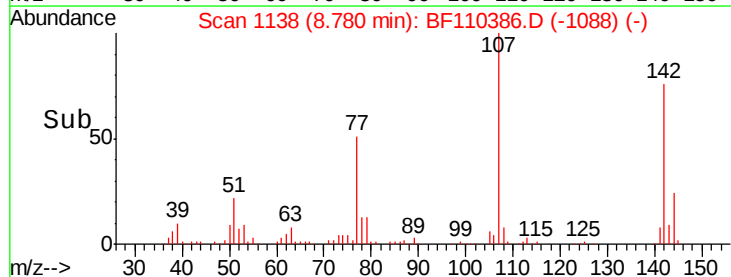
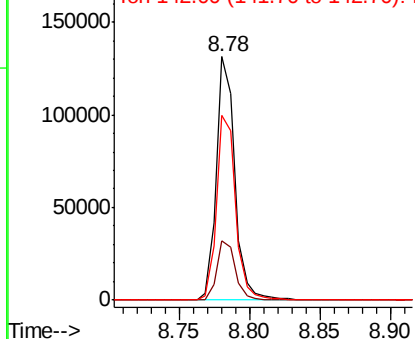


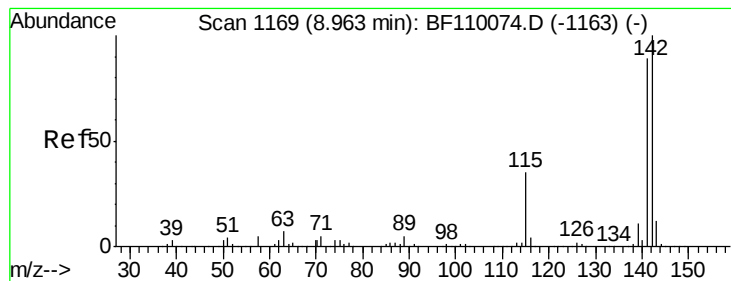
#36
 4-Chloro-3-methylphenol
 Concen: 36.030 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Tgt Ion:107 Resp: 119784
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.0 30.0
 142 75.8 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.025 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

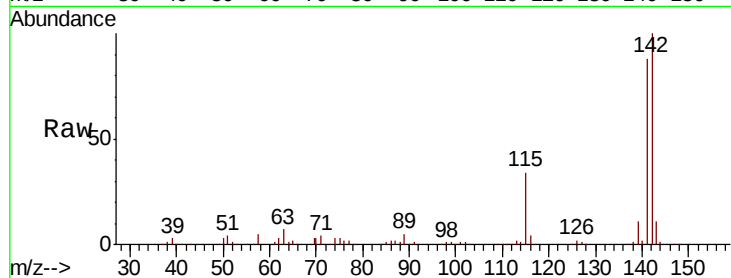
Tot Ion:142 Resp: 256943

Ion Ratio Lower Upper

142 100

141 88.3 71.4 107.2

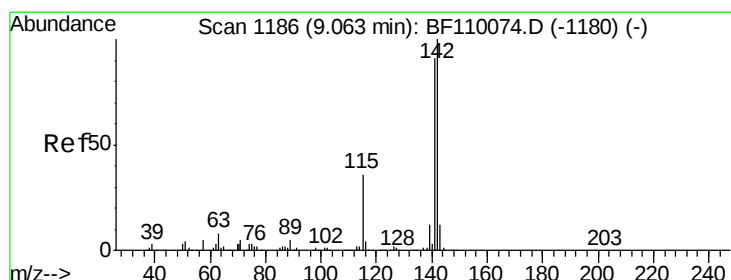
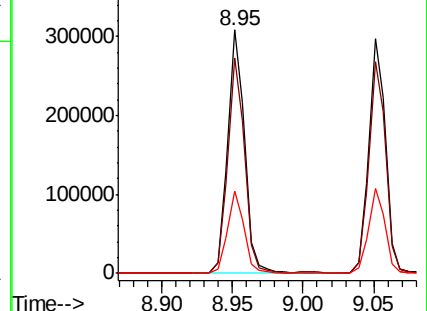
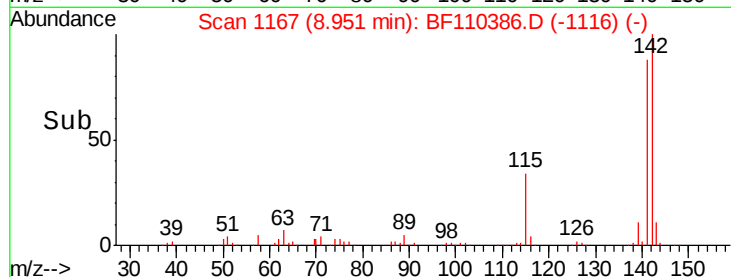
115 33.7 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.701 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

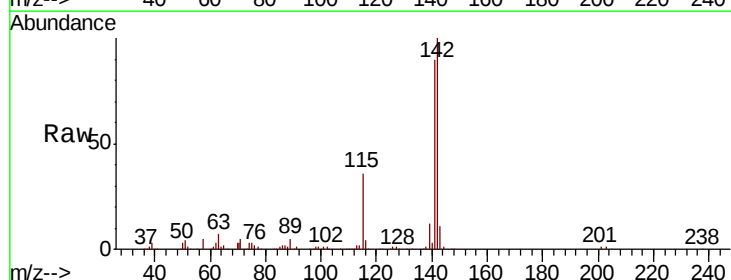
Tgt Ion:142 Resp: 246184

Ion Ratio Lower Upper

142 100

141 90.1 74.2 111.4

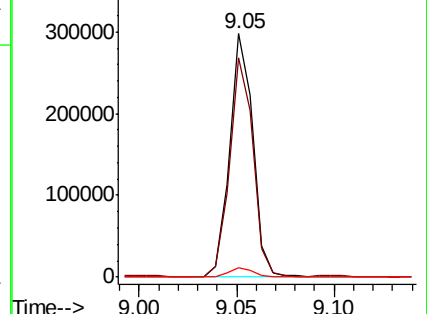
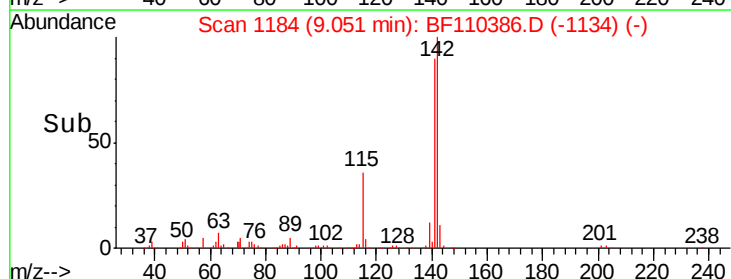
116 3.9 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampled :

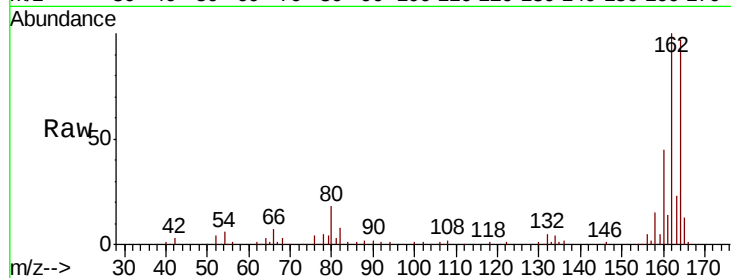
Tot Ion:164 Resp: 83656

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.6

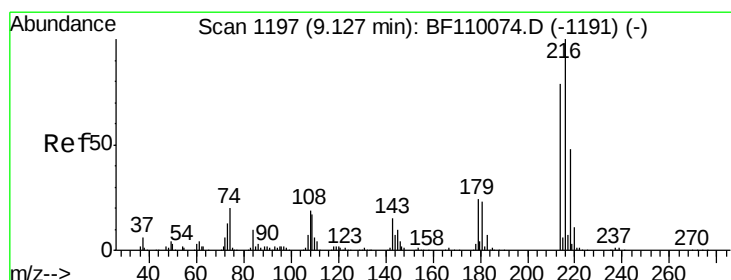
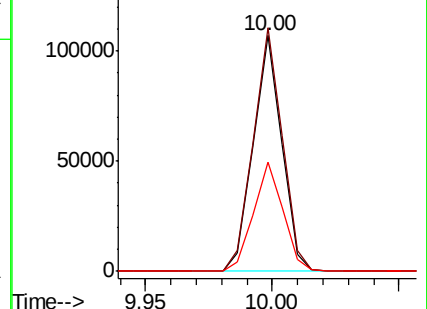
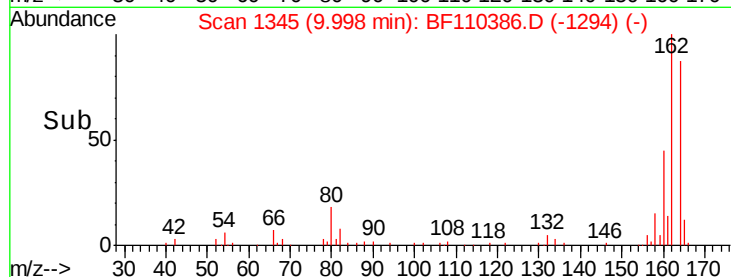
160 46.3 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.901 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Tgt Ion:216 Resp: 124855

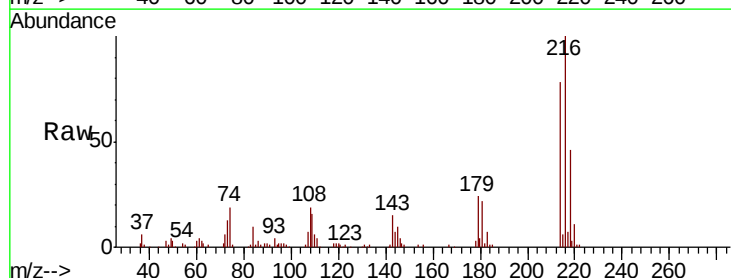
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 22.5 16.6 25.0

108 17.7 15.1 22.7

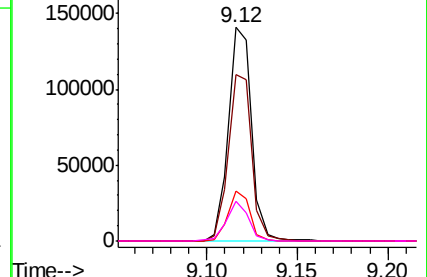
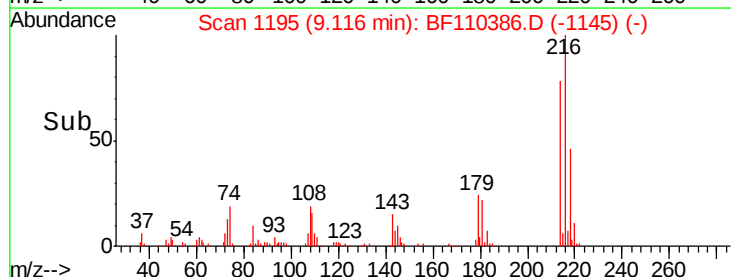


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.990 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

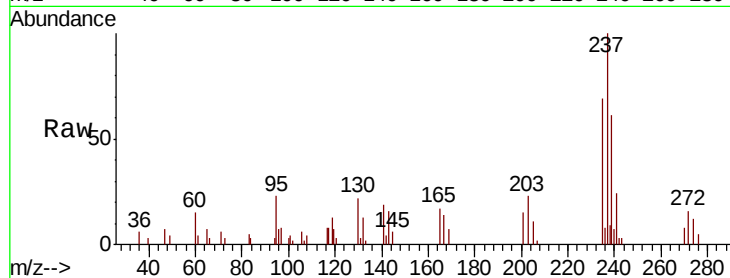
Tot Ion:237 Resp: 10649

Ion Ratio Lower Upper

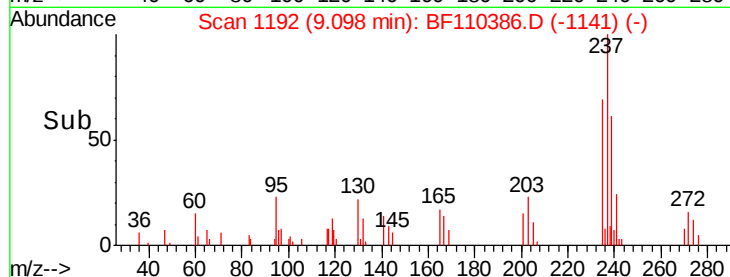
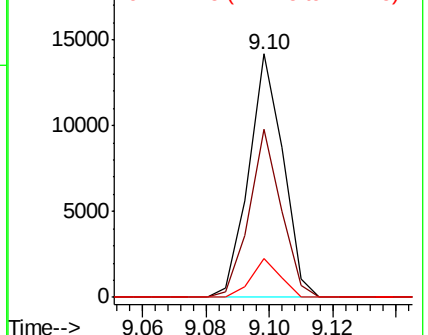
237 100

235 69.2 43.1 83.1

272 15.7 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 77.004 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

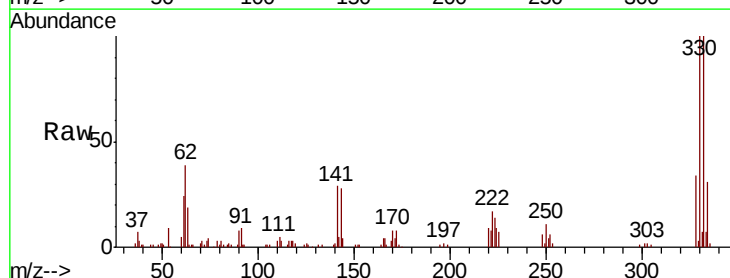
Tgt Ion:330 Resp: 63811

Ion Ratio Lower Upper

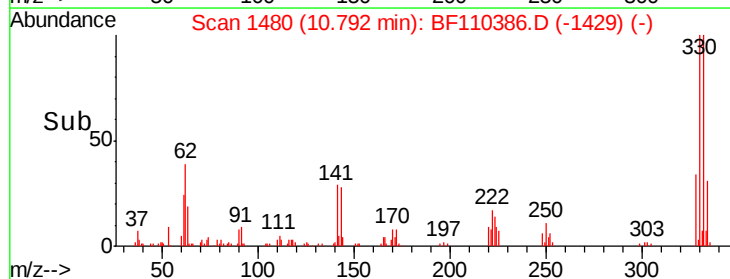
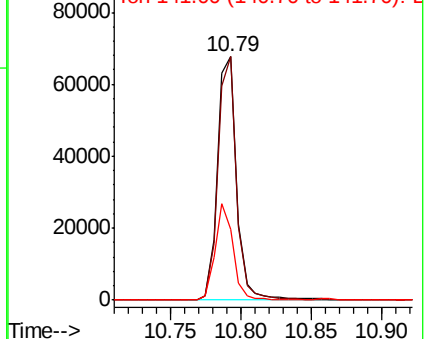
330 100

332 96.4 77.1 115.7

141 36.7 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

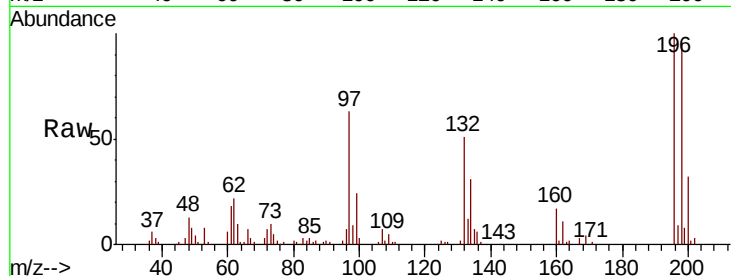




#43
 2,4,6-Trichlorophenol
 Concen: 44.992 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.4
200	32.2	24.4	36.6

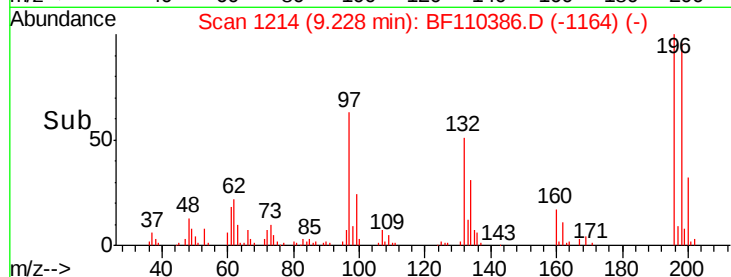
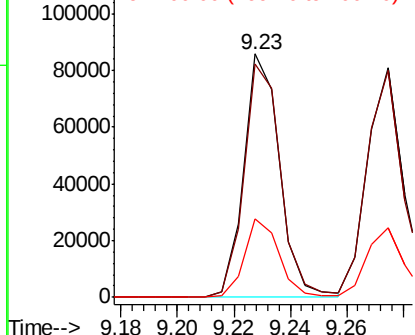


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.613 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	75.8	113.6
97	46.8	42.4	63.6
132	26.7	22.8	34.2

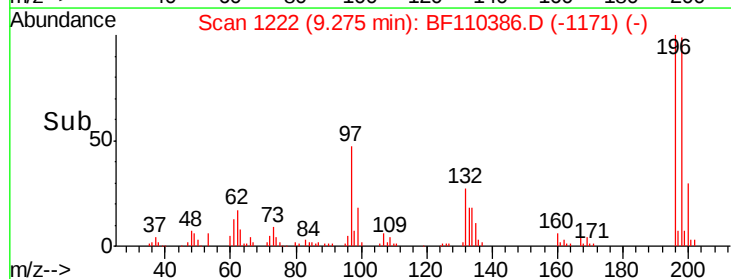
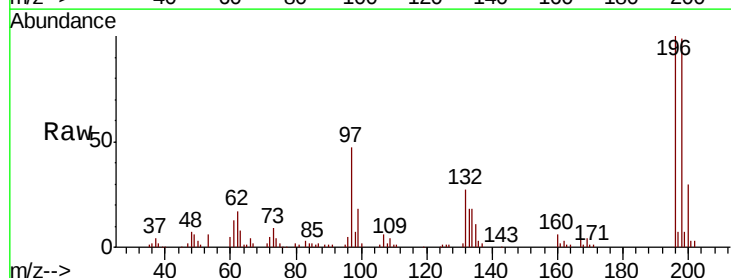
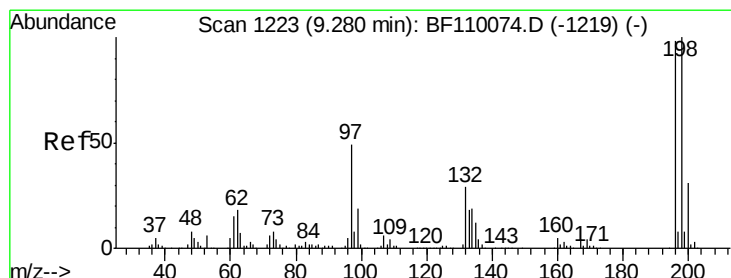
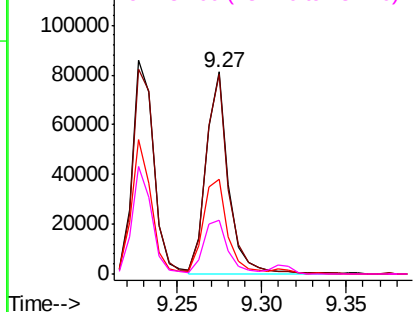
Abundance

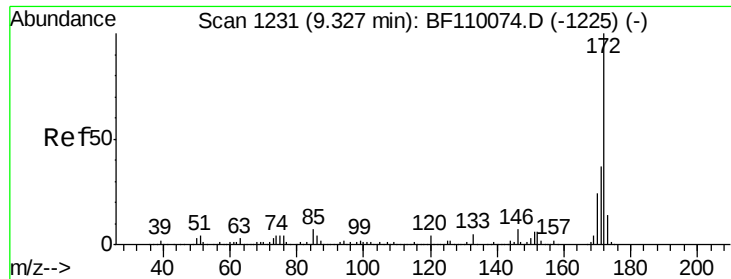
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

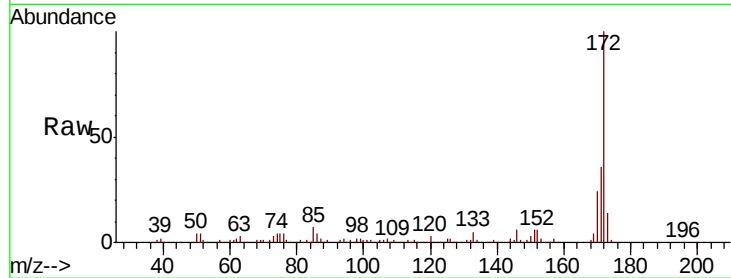




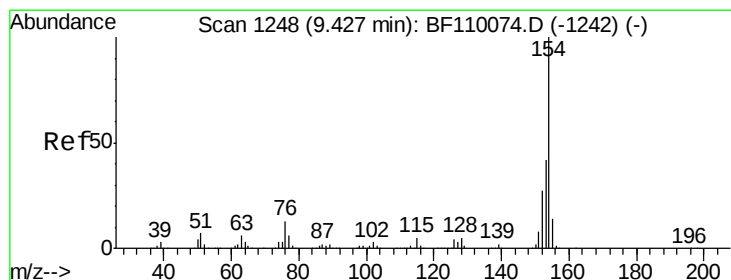
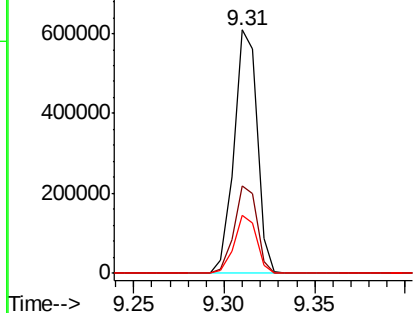
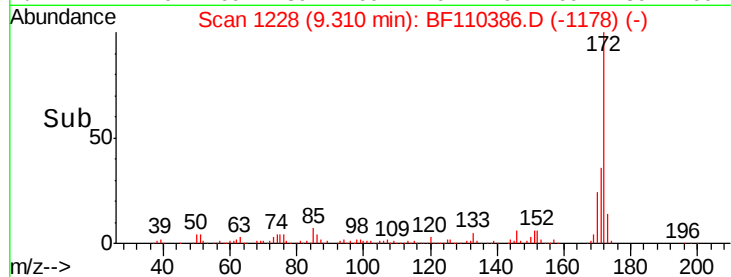
#45
 2-Fluorobiphenyl
 Concen: 102.330 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 545165
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.7 19.7 29.5

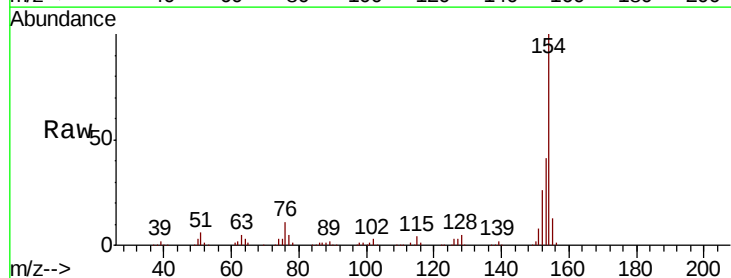


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

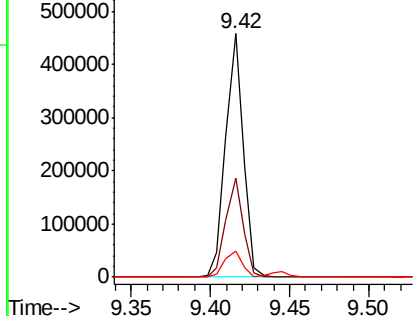
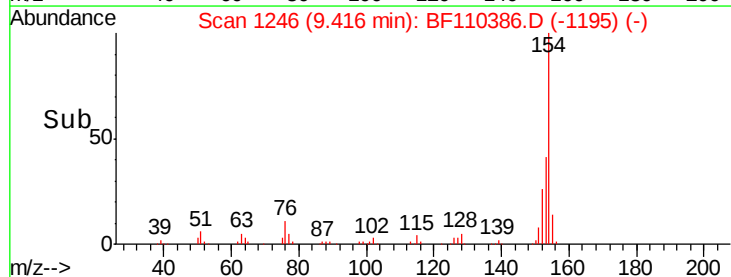


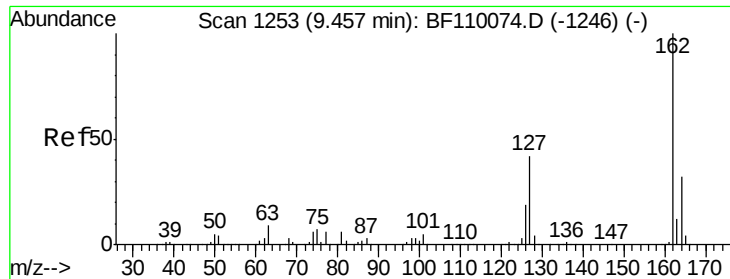
#46
 1,1'-Biphenyl
 Concen: 46.617 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Tgt Ion:154 Resp: 352658
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.4 60.4
 76 10.7 0.0 31.9



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

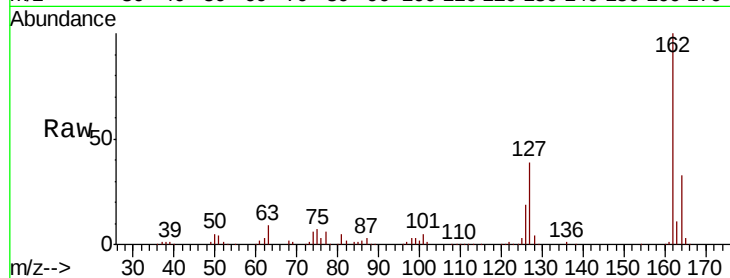




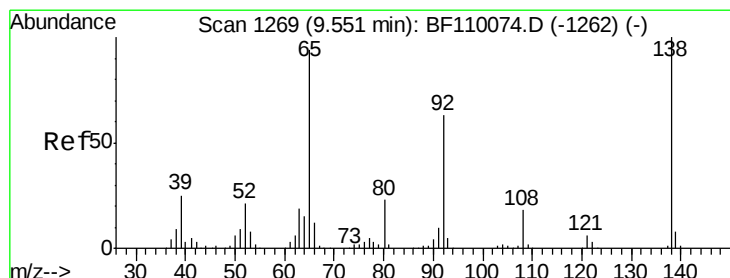
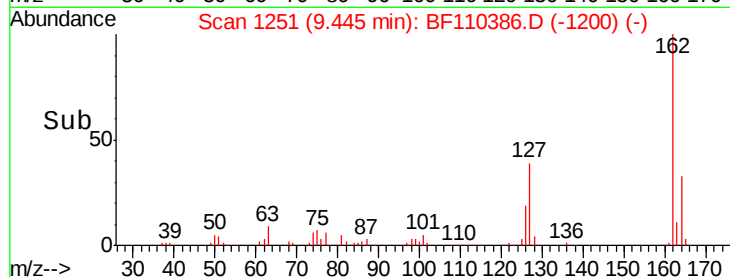
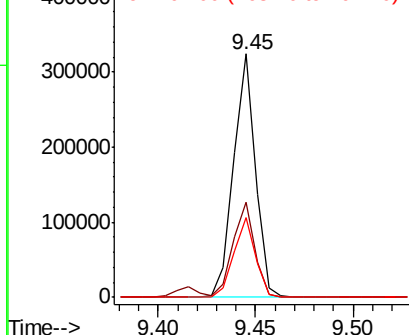
#47
 2-Chloronaphthalene
 Concen: 45.246 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 251075
 Ion Ratio Lower Upper
 162 100
 127 39.0 32.6 48.8
 164 33.0 25.9 38.9

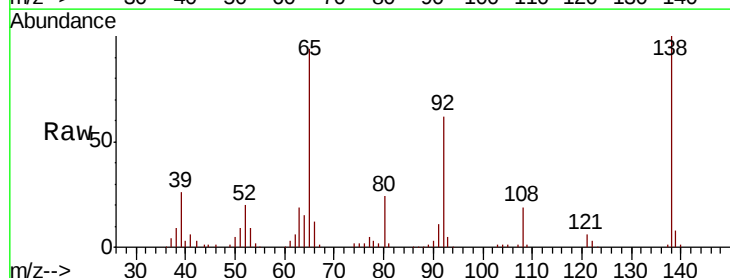


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

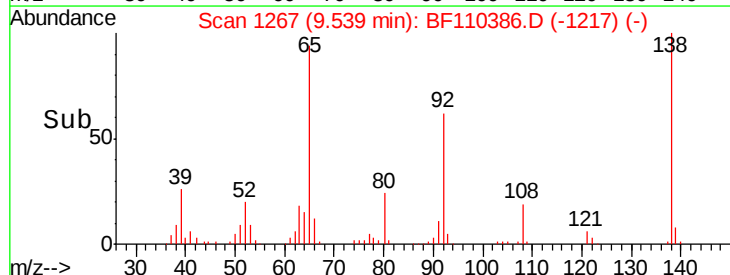
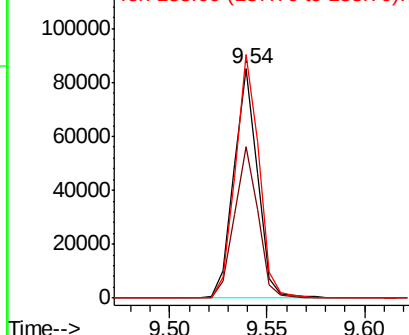


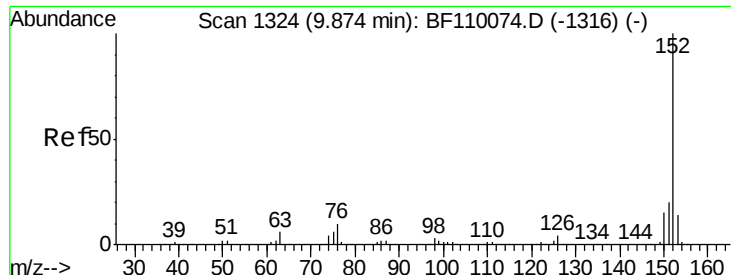
#48
 2-Nitroaniline
 Concen: 42.317 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Tgt Ion: 65 Resp: 71159
 Ion Ratio Lower Upper
 65 100
 92 66.4 54.6 81.8
 138 106.3 80.3 120.5



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





#49

Acenaphthylene

Concen: 42.252 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampled :

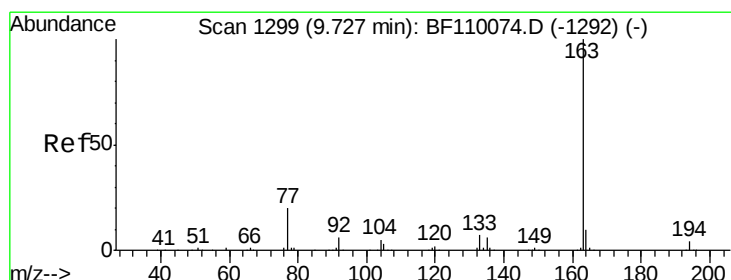
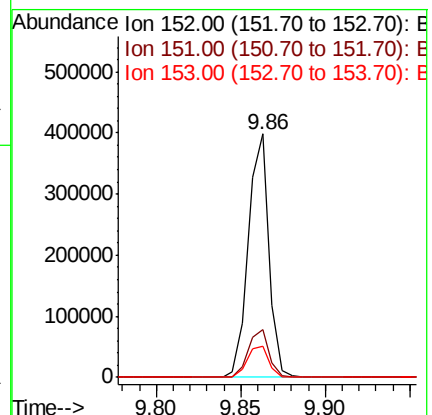
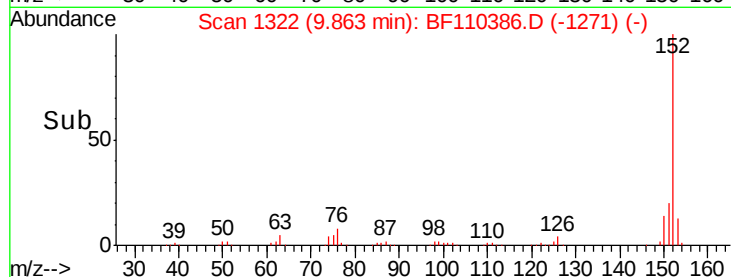
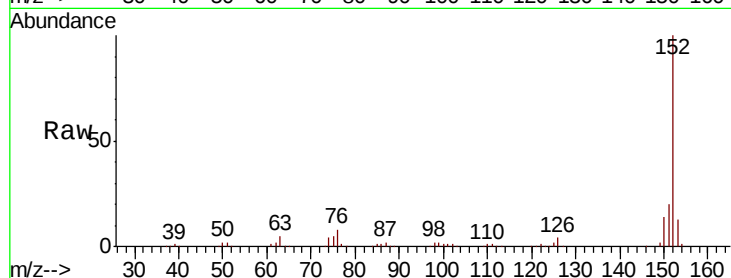
Tot Ion:152 Resp: 338647

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 12.7 10.4 15.6



#50

Dimethylphthalate

Concen: 42.859 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

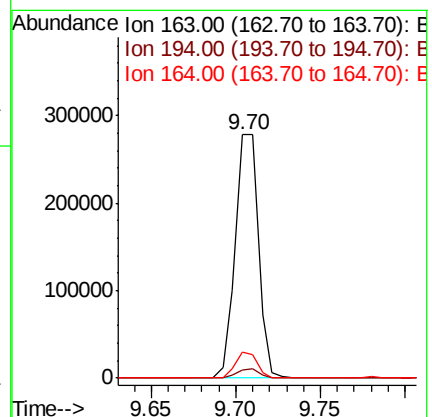
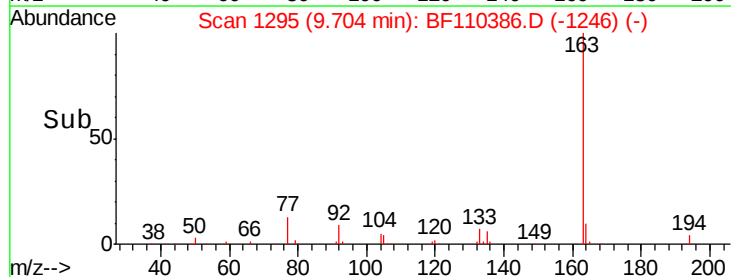
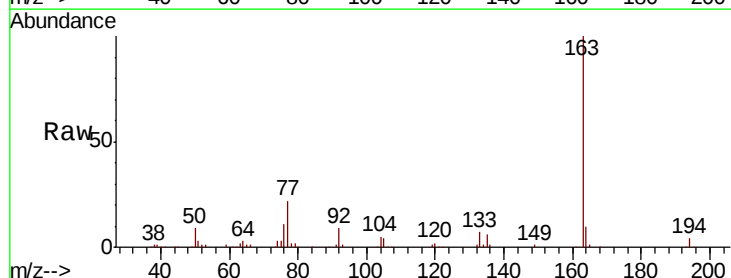
Tgt Ion:163 Resp: 264664

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

164 10.4 8.1 12.1

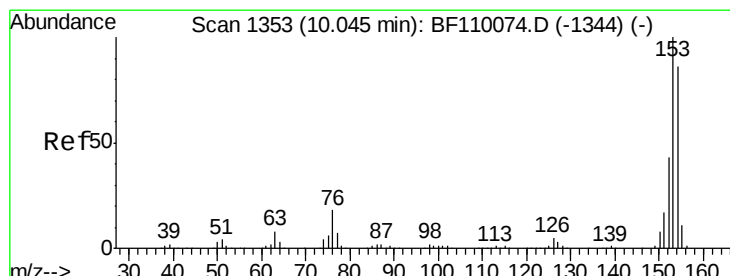
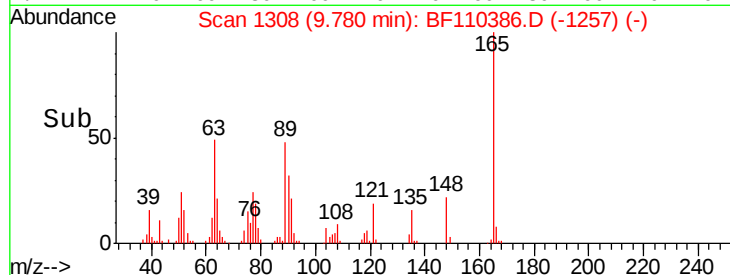
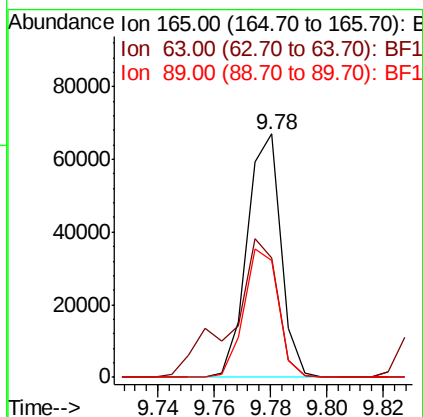
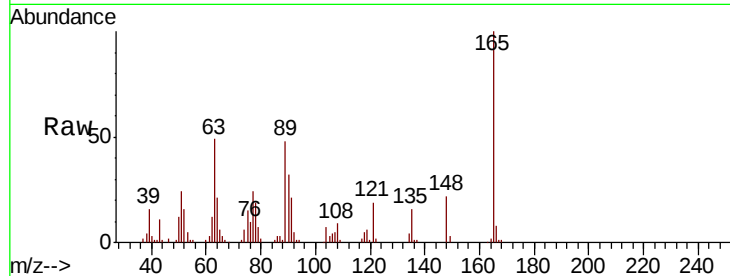




#51
2,6-Dinitrotoluene
Concen: 41.718 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

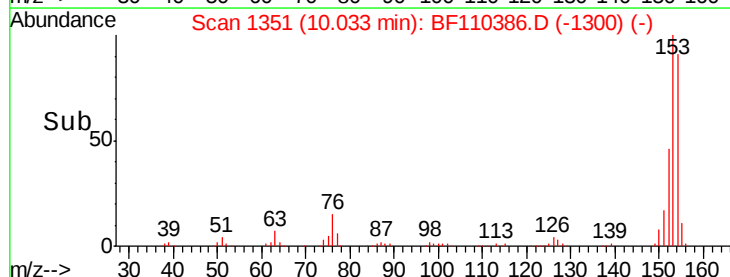
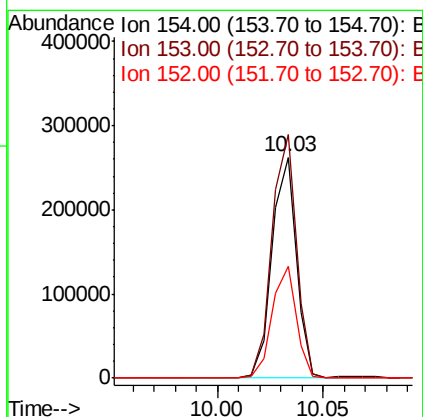
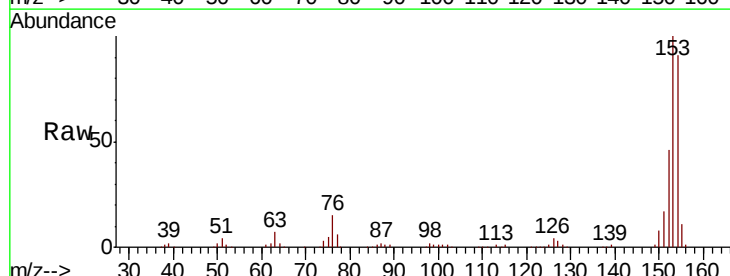
Instrument :
BNA_F
ClientSampled :

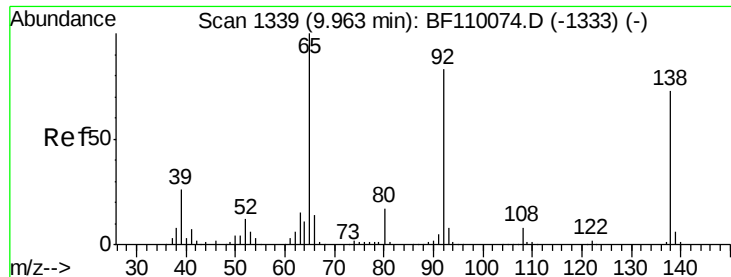
Tot Ion:165 Resp: 55493
Ion Ratio Lower Upper
165 100
63 49.1 48.9 73.3
89 47.8 46.6 69.8



#52
Acenaphthene
Concen: 39.852 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion:154 Resp: 211303
Ion Ratio Lower Upper
154 100
153 110.3 90.1 135.1
152 50.4 43.4 65.2

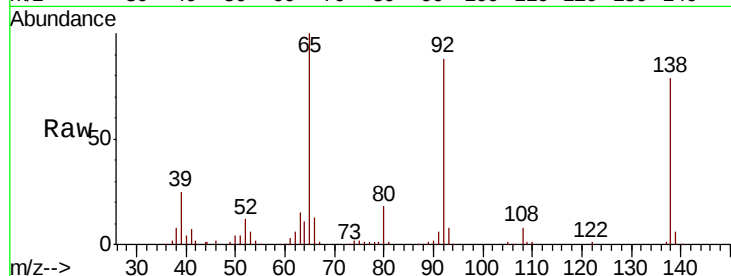




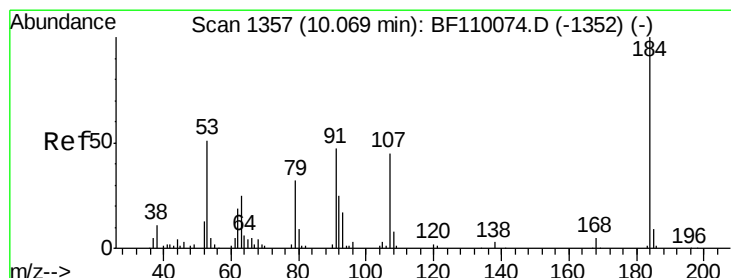
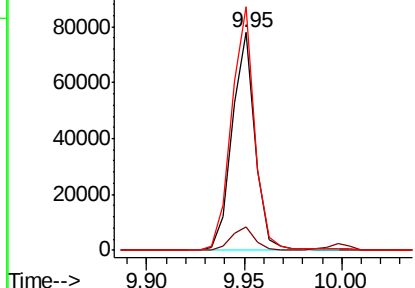
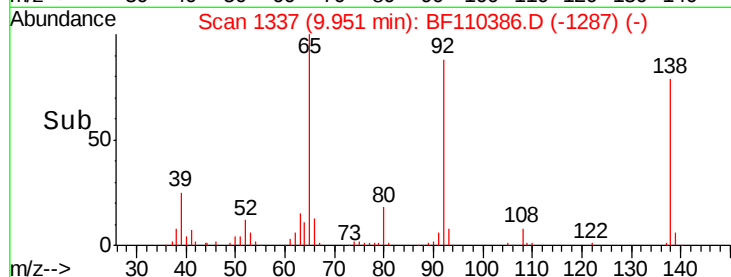
#53
3-Nitroaniline
Concen: 39.878 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 63080
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 112.0 97.0 145.4

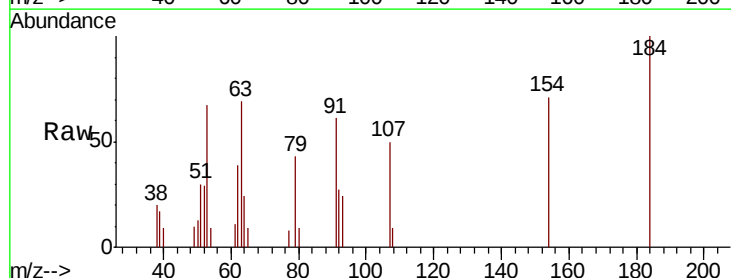


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

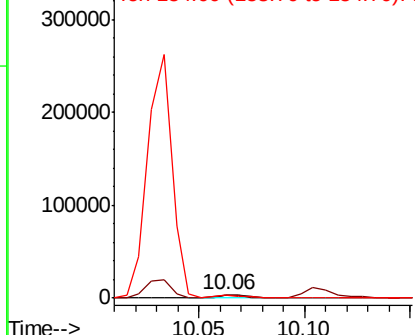
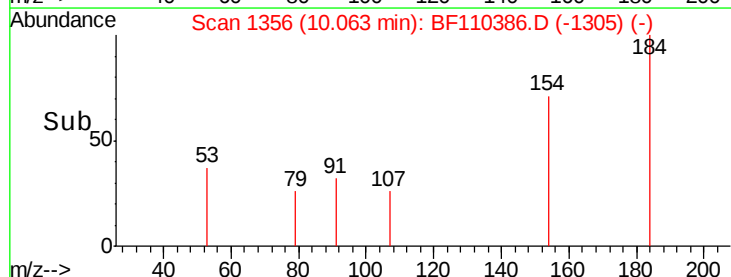


#54
2,4-Dinitrophenol
Concen: 13.146 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion:184 Resp: 4499
Ion Ratio Lower Upper
184 100
63 68.7 55.8 83.6
154 71.3 63.2 94.8



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

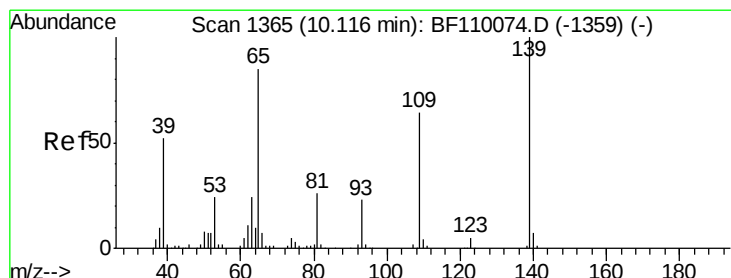
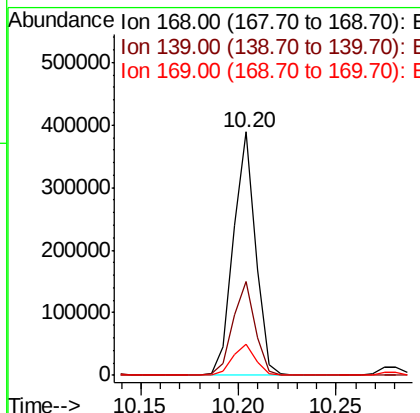
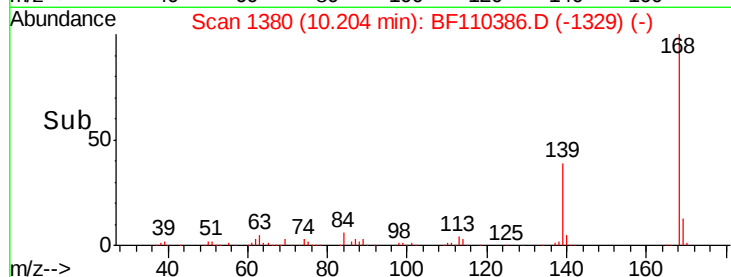
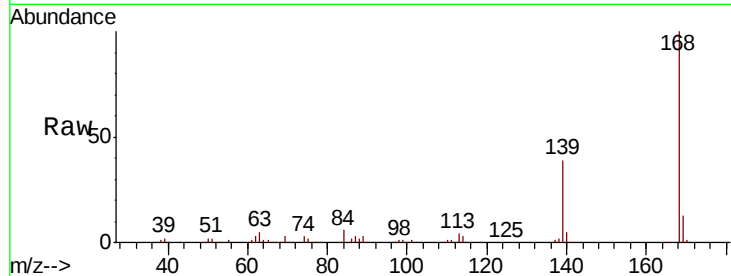




#55
Dibenzenofuran
Concen: 41.305 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

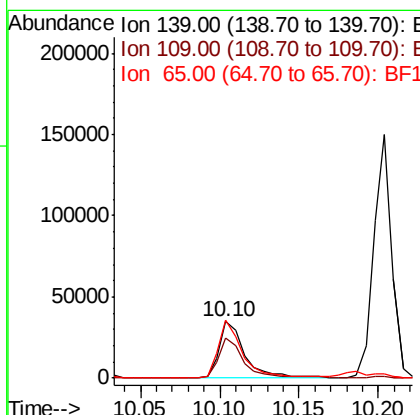
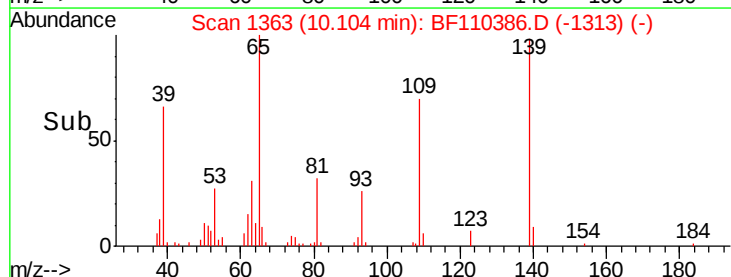
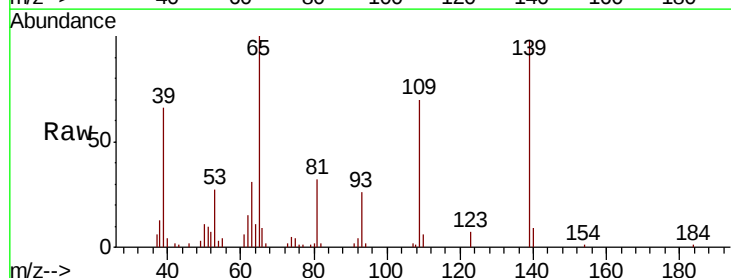
Instrument :
BNA_F
ClientSampleId :

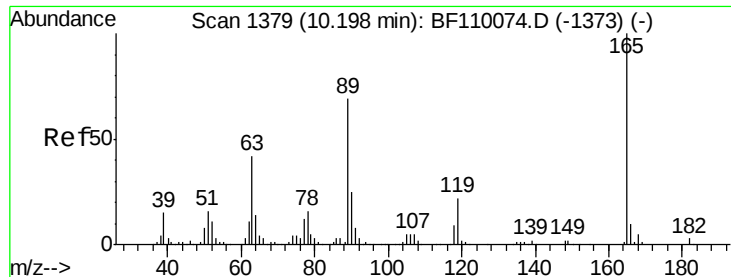
Tot Ion:168 Resp: 306631
Ion Ratio Lower Upper
168 100
139 38.5 33.0 49.6
169 12.8 11.3 16.9



#56
4-Nitrophenol
Concen: 33.702 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion:139 Resp: 39456
Ion Ratio Lower Upper
139 100
109 71.6 55.8 95.8
65 101.6 77.9 117.9

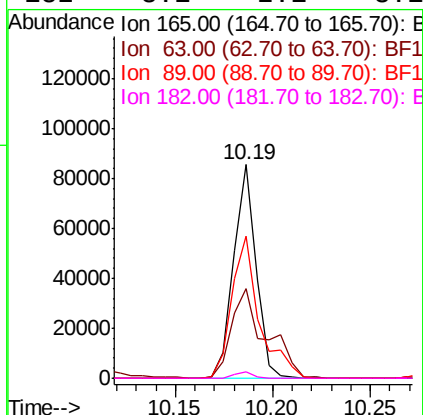
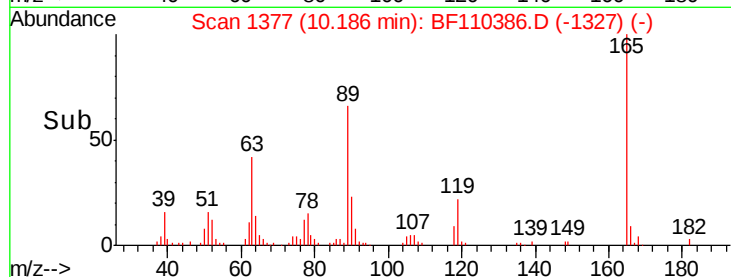
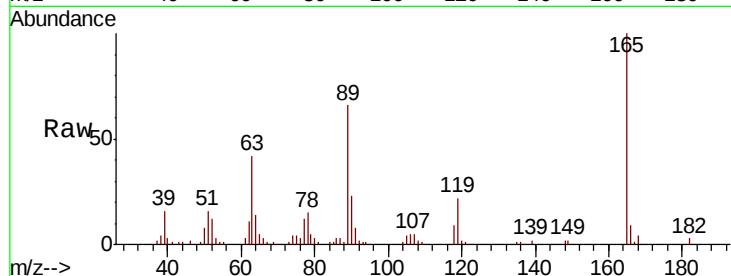




#57
2,4-Dinitrotoluene
Concen: 40.549 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

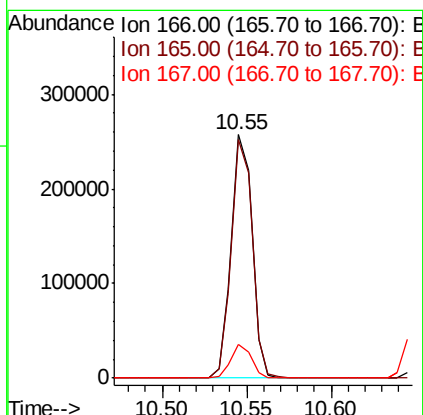
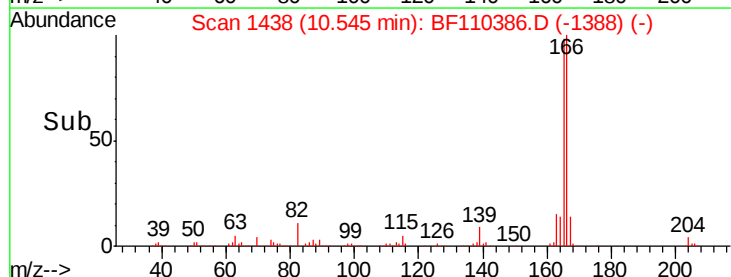
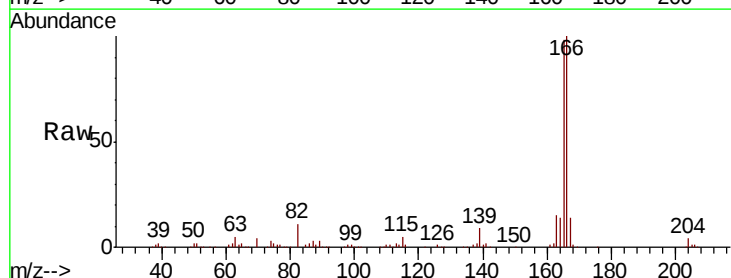
Instrument :
BNA_F
ClientSampleId :

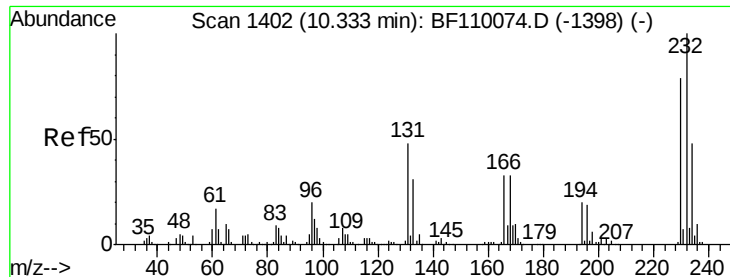
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	44.8	67.2#
89	66.4	62.2	93.4
182	3.1	2.1	3.1



#58
Fluorene
Concen: 40.270 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	14.0	10.8	16.2

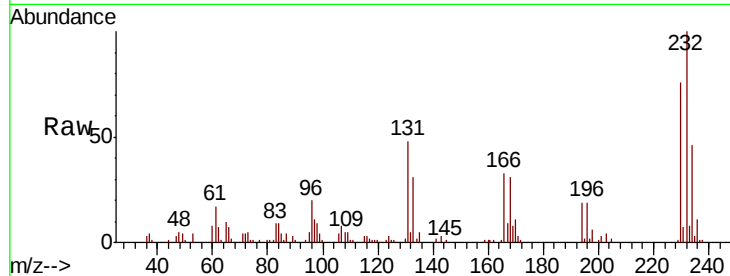




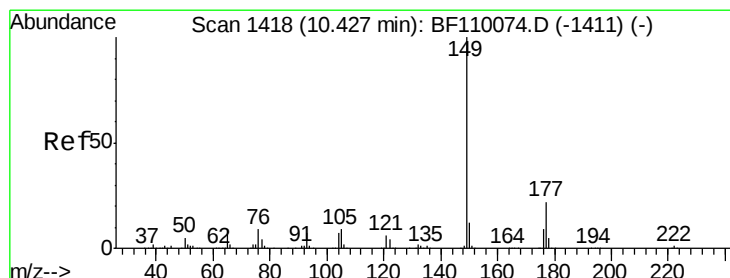
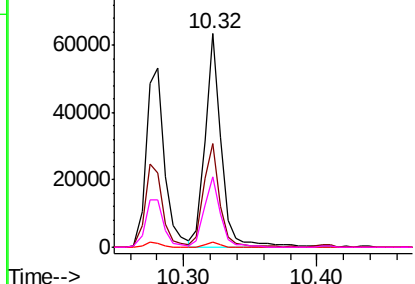
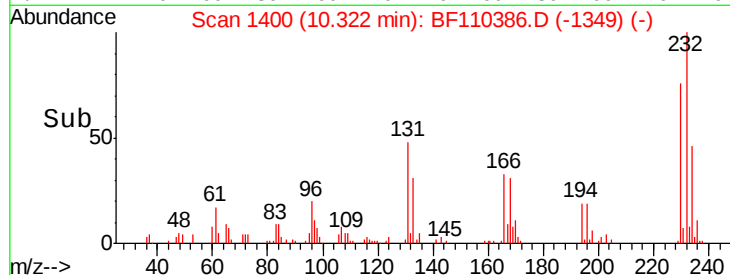
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.330 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 54072
 Ion Ratio Lower Upper
 232 100
 131 47.8 37.0 55.4
 130 2.0 1.8 2.6
 166 32.4 22.0 33.0

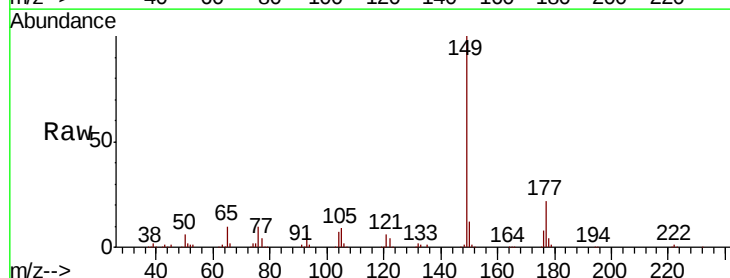


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

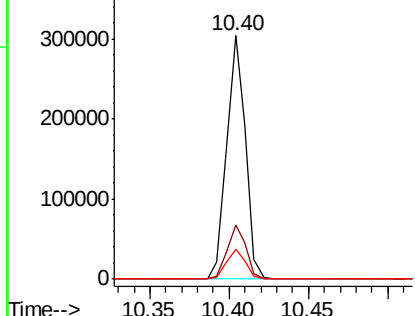
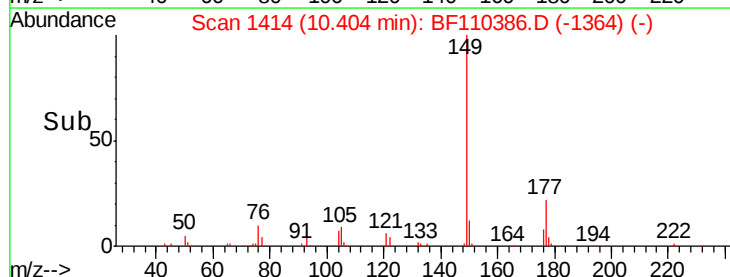


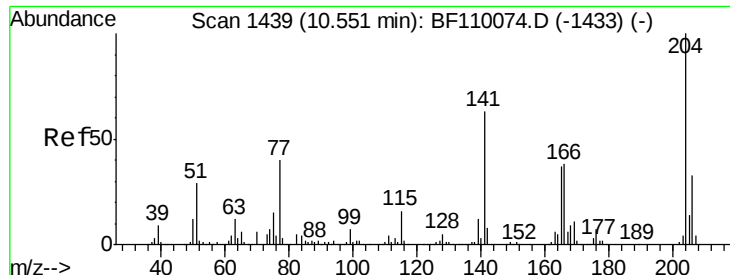
#60
 Diethylphthalate
 Concen: 41.024 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Tgt Ion:149 Resp: 247293
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.4 26.2
 150 12.5 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

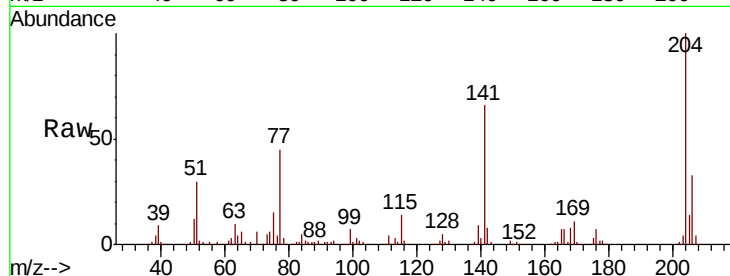




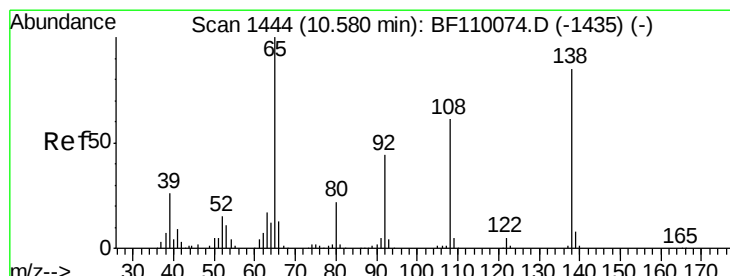
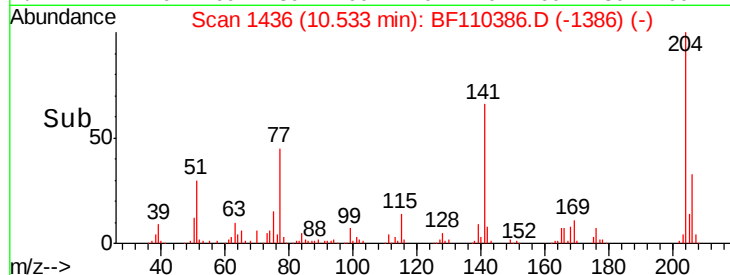
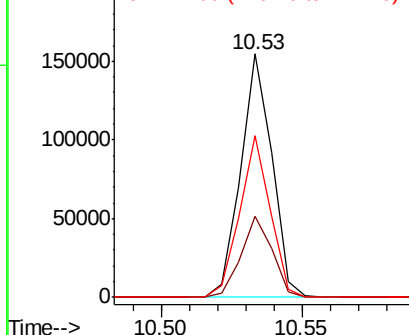
#61
4-Chlorophenyl-phenylether
Concen: 40.657 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 118499
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 66.5 51.8 77.8

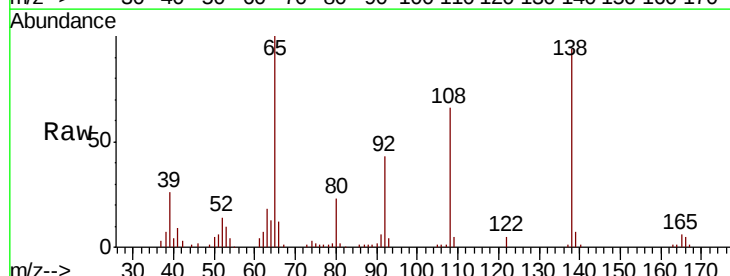


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

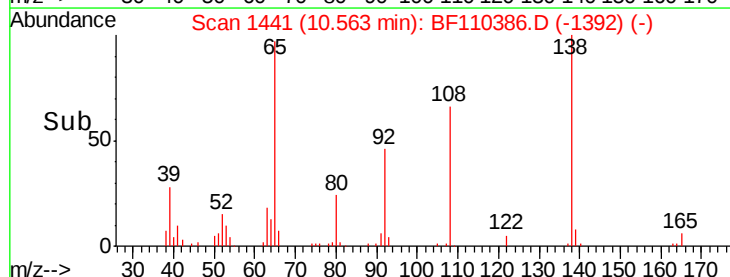
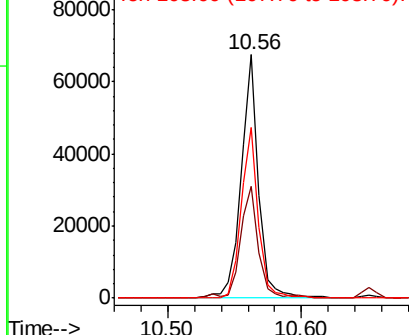


#62
4-Nitroaniline
Concen: 38.899 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion:138 Resp: 61199
Ion Ratio Lower Upper
138 100
92 45.7 31.7 71.7
108 70.3 59.3 99.3



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





#63

Azobenzene

Concen: 38.870 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 232579

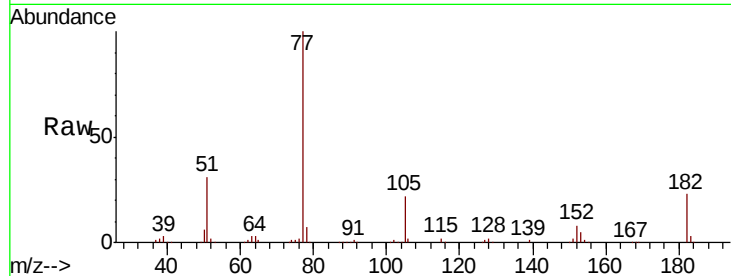
Ion Ratio Lower Upper

77 100

182 22.5 4.3 44.3

105 21.7 1.3 41.3

51 31.3 9.0 49.0

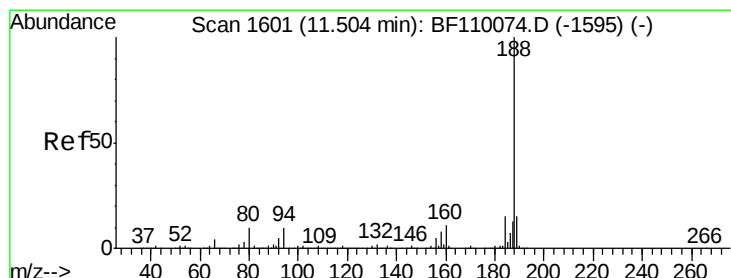
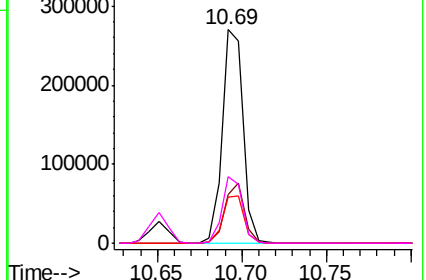
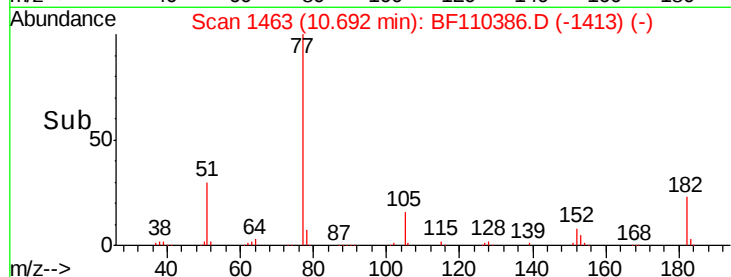


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

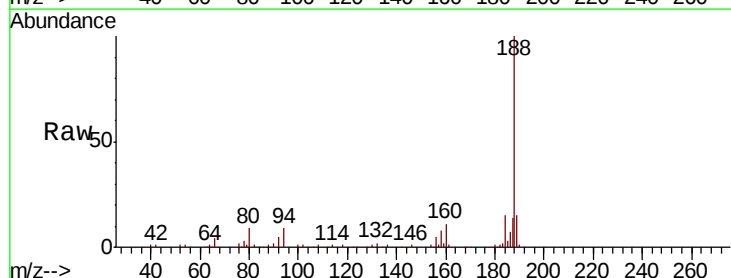
Tgt Ion: 188 Resp: 142401

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

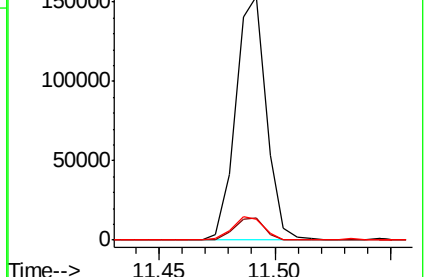
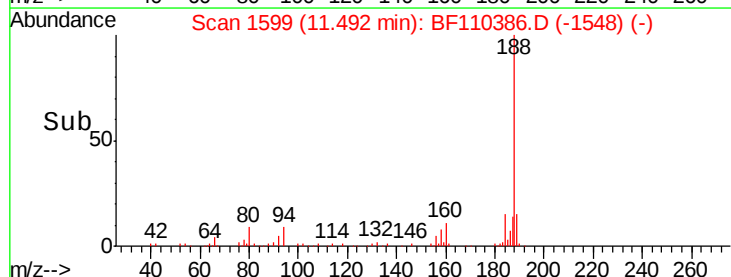
80 8.7 7.9 11.9

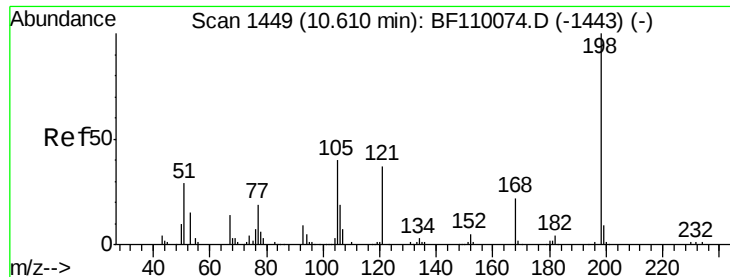


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

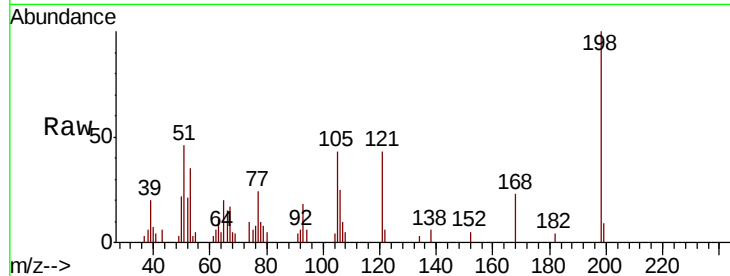




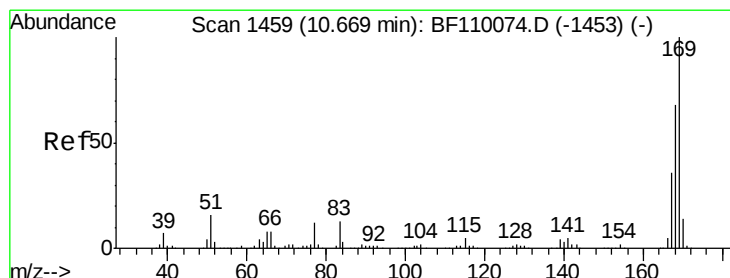
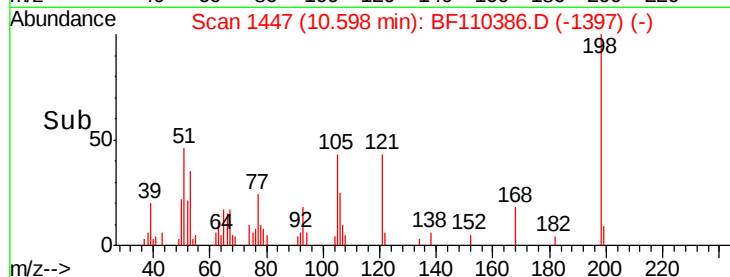
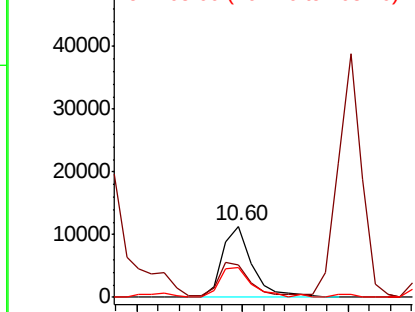
#65
4,6-Dinitro-2-methylphenol
Concen: 16.968 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 11039
Ion Ratio Lower Upper
198 100
51 45.5 22.8 62.8
105 42.6 23.6 63.6

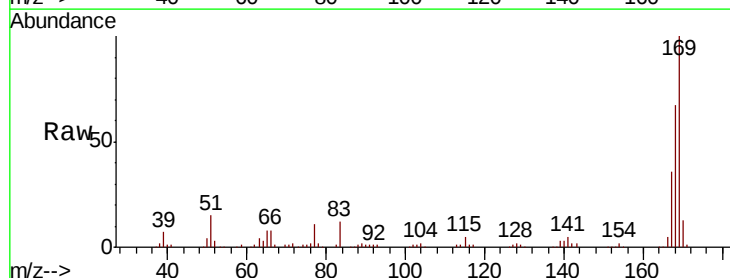


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

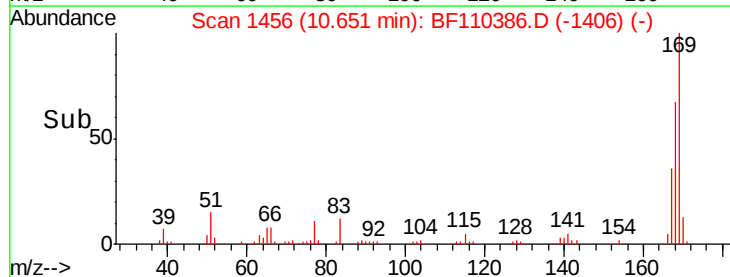
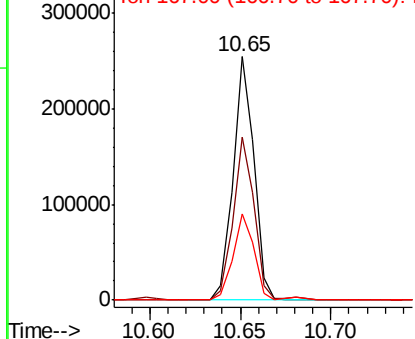


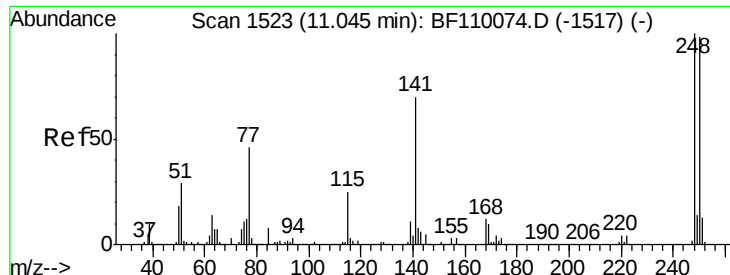
#66
n-Nitrosodiphenylamine
Concen: 43.852 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion:169 Resp: 204823
Ion Ratio Lower Upper
169 100
168 67.0 51.2 76.8
167 35.6 27.8 41.6



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

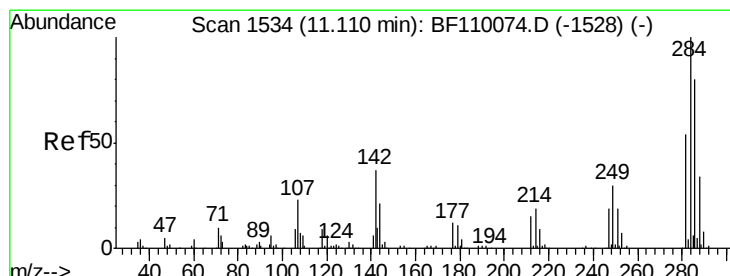
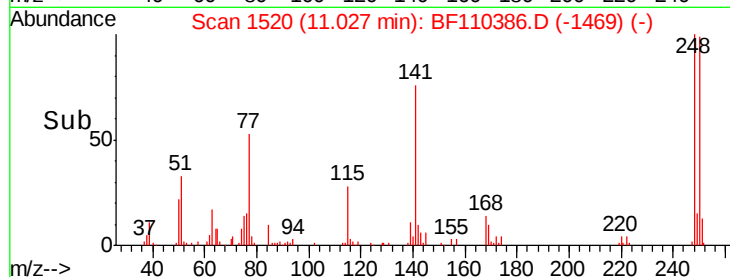
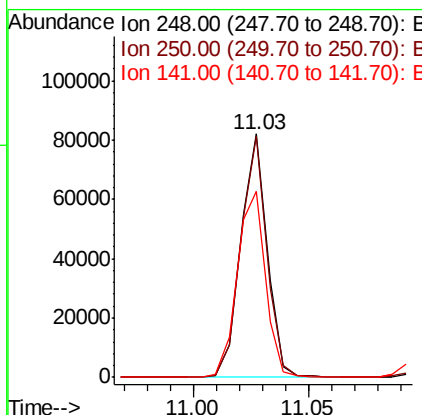
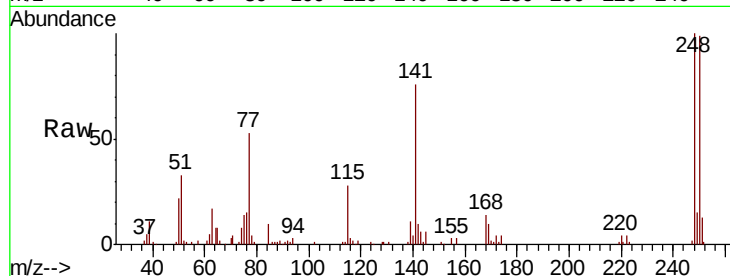




#67
4-Bromophenyl-phenylether
Concen: 42.455 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

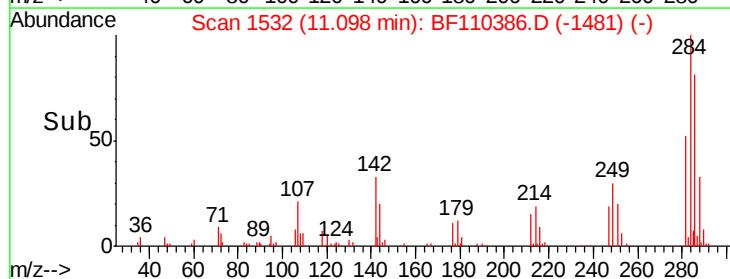
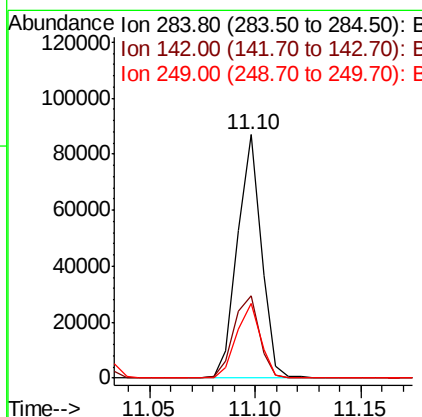
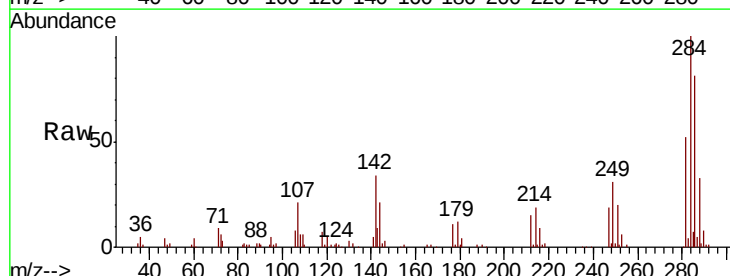
Instrument :
BNA_F
ClientSampled :

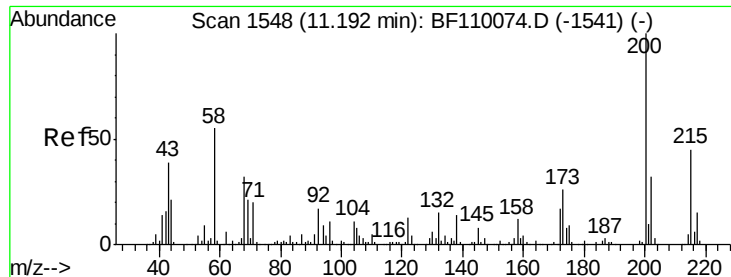
Tot Ion:248 Resp: 65577
Ion Ratio Lower Upper
248 100
250 99.2 79.4 119.2
141 76.5 55.9 83.9



#68
Hexachlorobenzene
Concen: 41.522 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion:284 Resp: 68051
Ion Ratio Lower Upper
284 100
142 34.0 23.9 35.9
249 30.5 24.2 36.2

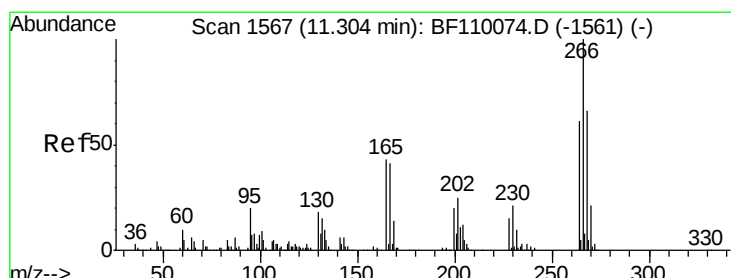
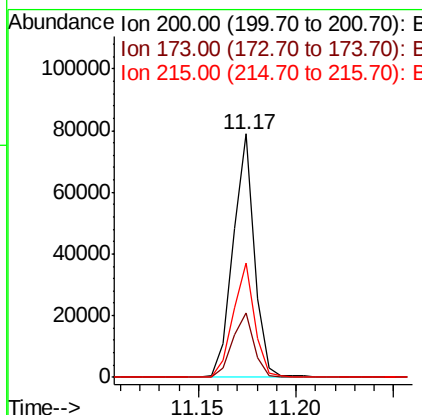
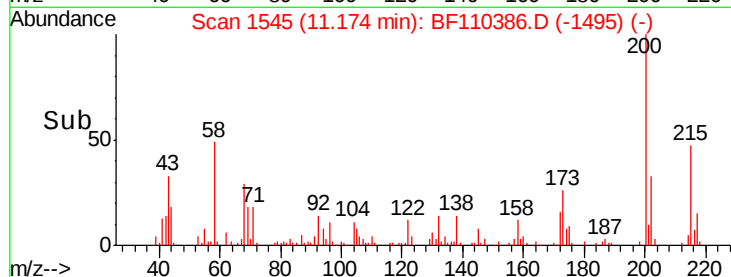
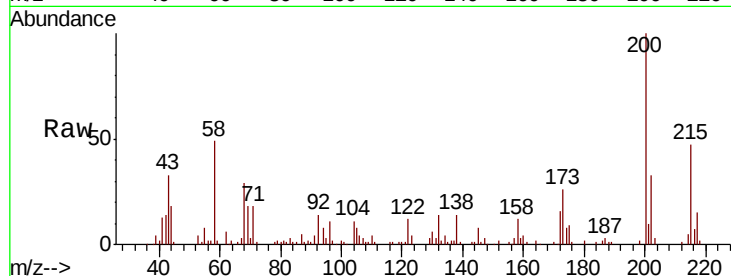




#69
Atrazine
Concen: 40.530 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

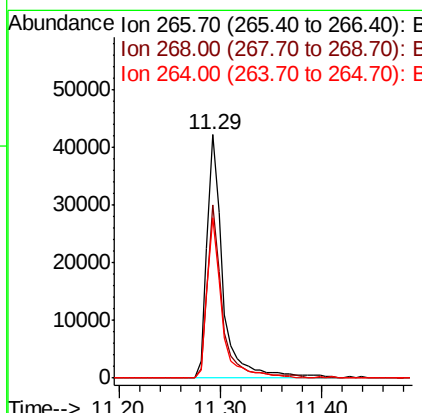
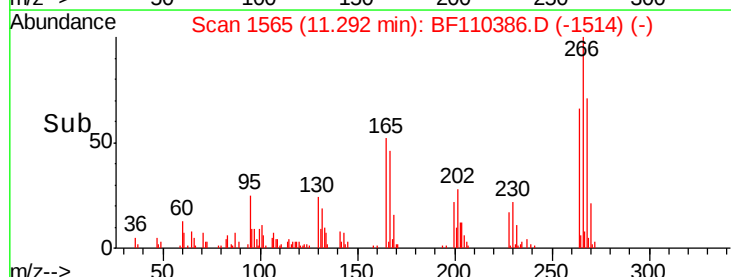
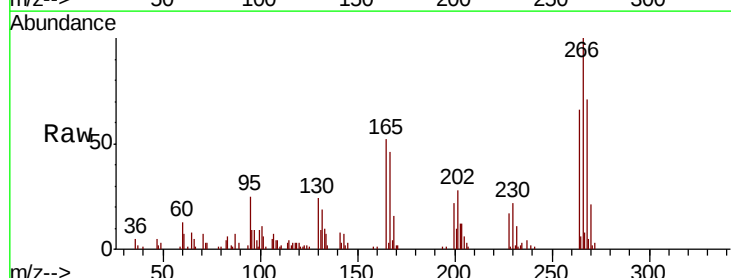
Instrument :
BNA_F
ClientSampleId :

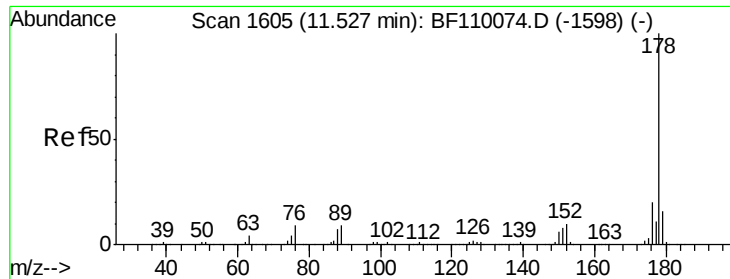
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.6	46.6
215	47.2	26.3	66.3



#70
Pentachlorophenol
Concen: 48.210 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.0	50.6	75.8
264	65.7	50.6	75.8

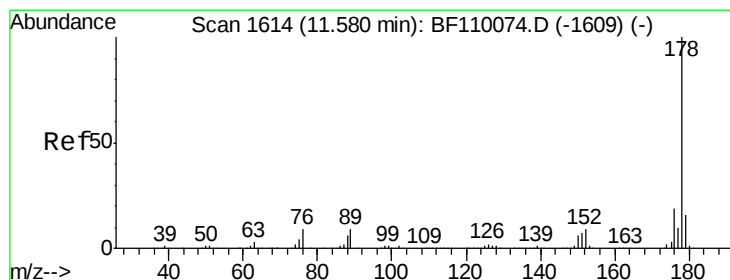
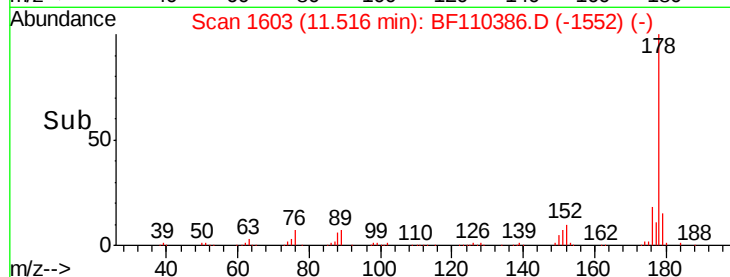
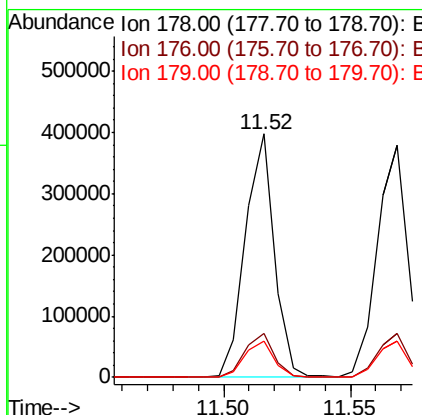
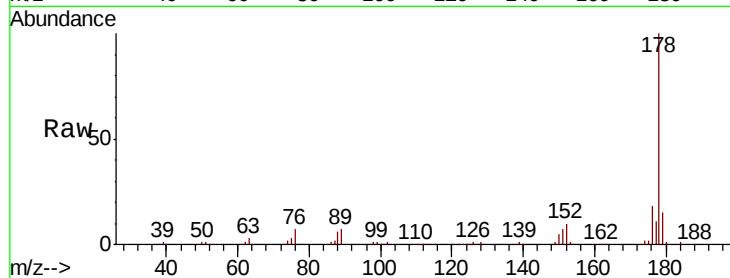




#71
Phenanthrene
Concen: 42.618 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

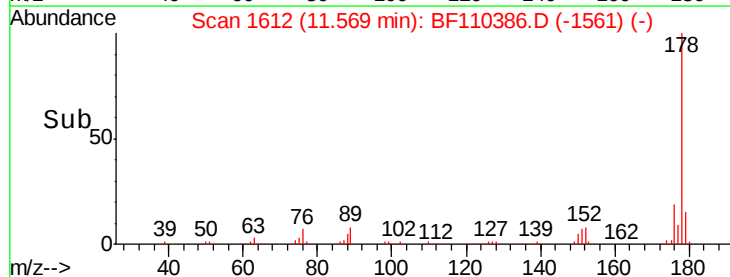
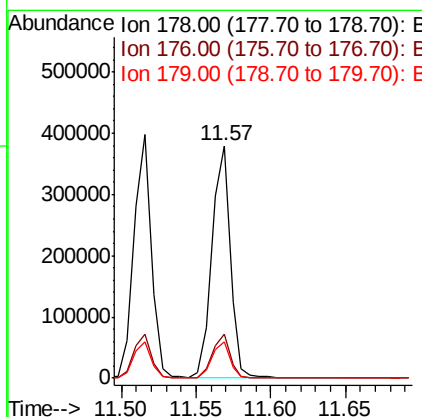
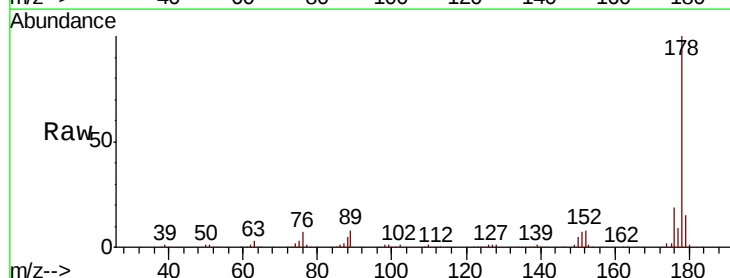
Instrument :
BNA_F
ClientSampleId :

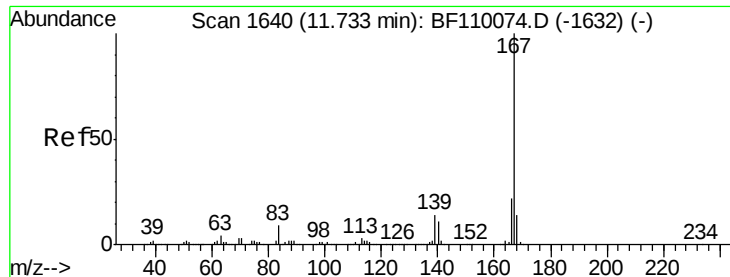
Tot Ion:178 Resp: 317548
Ion Ratio Lower Upper
178 100
176 18.2 15.5 23.3
179 14.9 12.5 18.7



#72
Anthracene
Concen: 43.531 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion:178 Resp: 325112
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.4 12.6 18.8

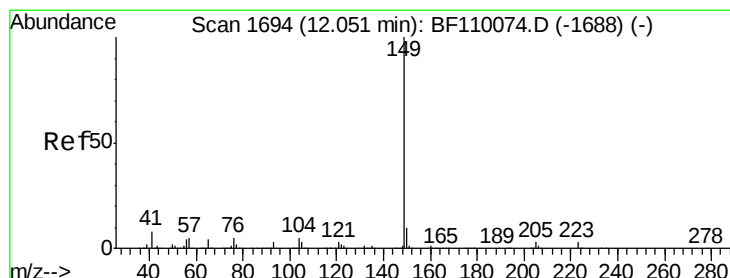
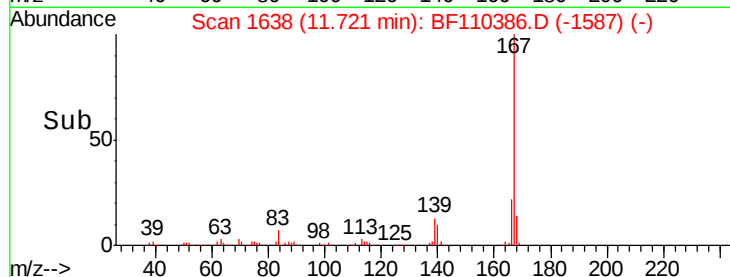
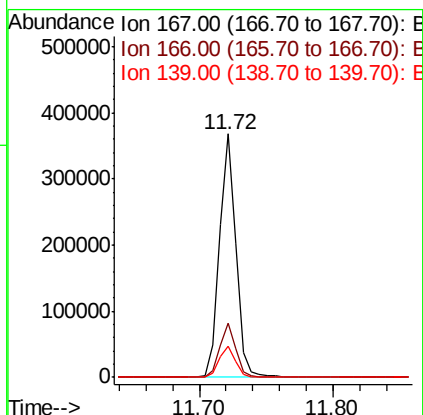
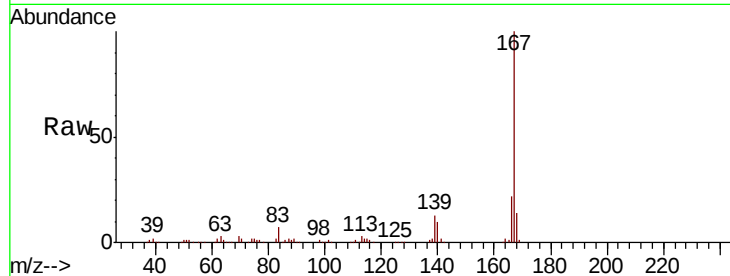




#73
 Carbazole
 Concen: 44.133 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

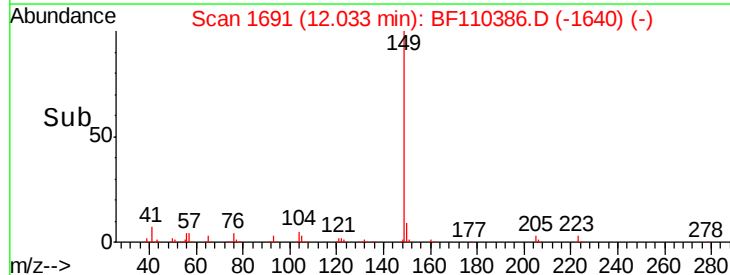
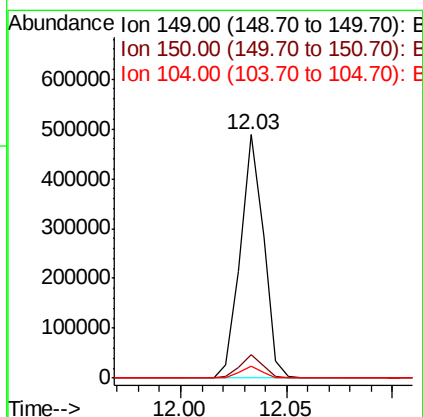
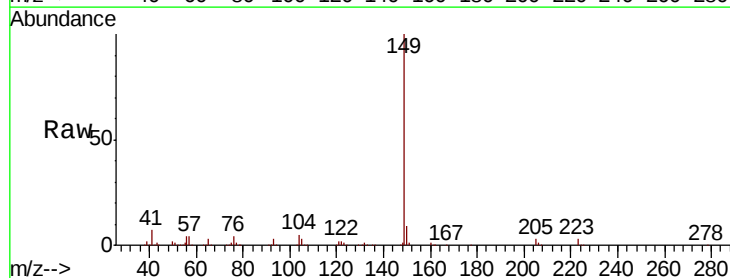
Instrument :
 BNA_F
 ClientSampleId :

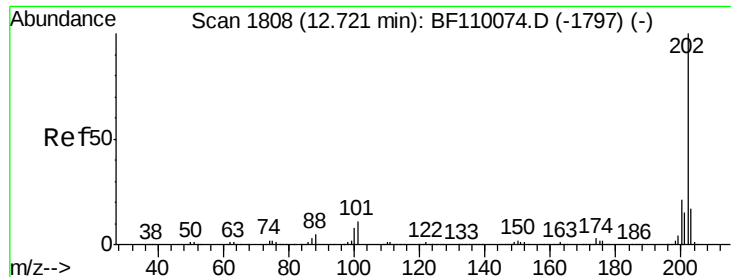
Tot Ion:167 Resp: 321826
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 12.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 45.191 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Tgt Ion:149 Resp: 372183
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.7 4.2 6.4

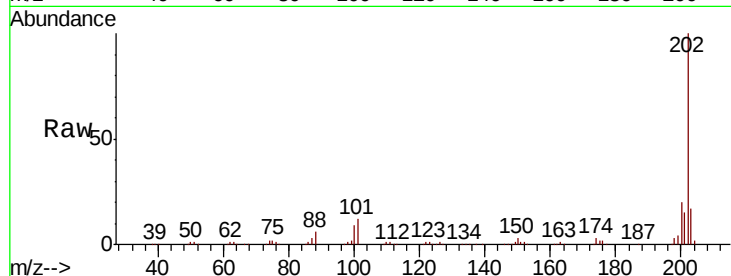




#75
 Fluoranthene
 Concen: 48.354 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.4
203	17.4	0.0	37.7

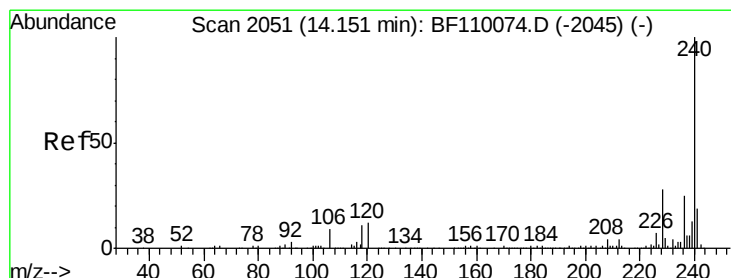
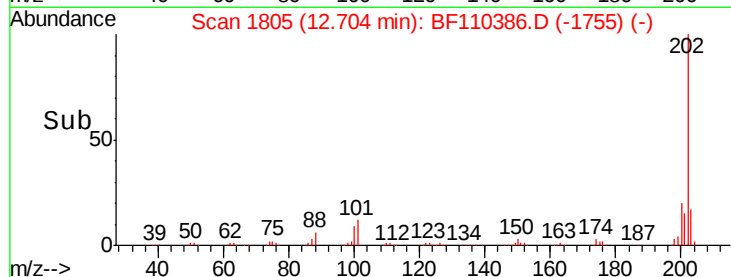
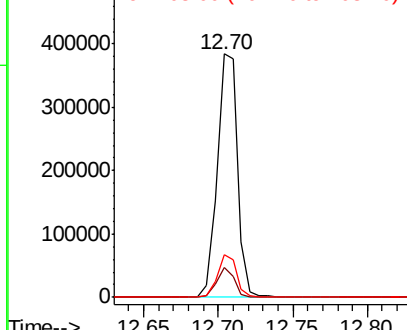


Abundance

Ion 202.00 (201.70 to 202.70): E

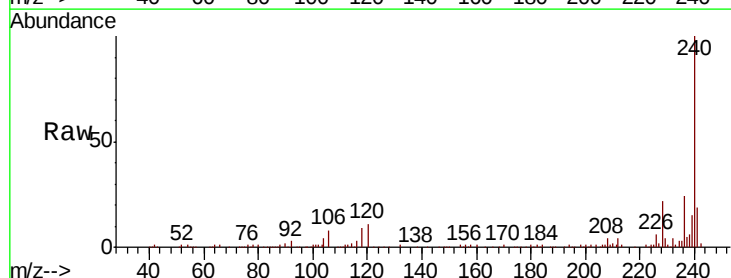
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	24.3	21.2	31.8

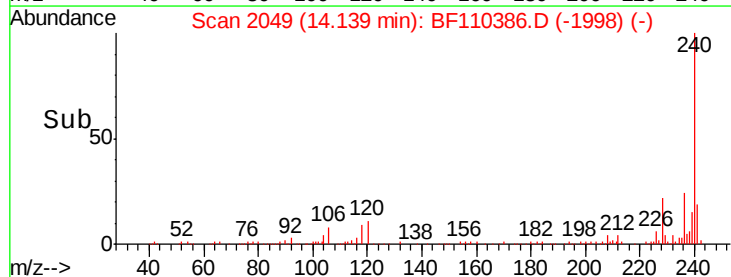
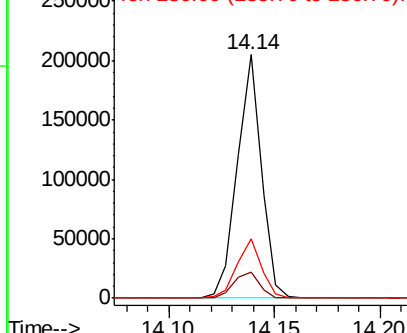


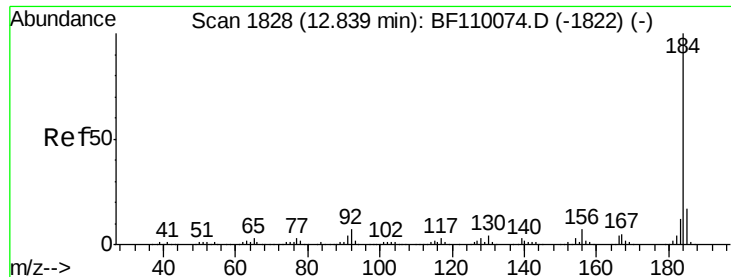
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.512 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

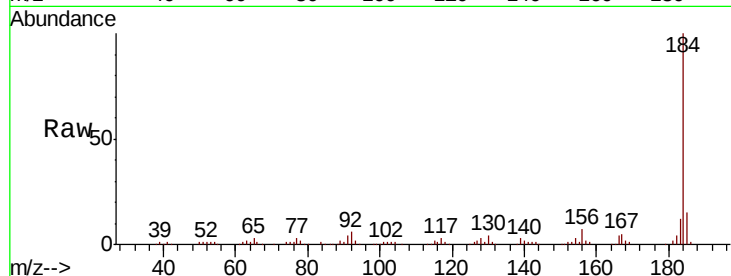
Tot Ion:184 Resp: 213038

Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.4	20.2
183	11.7	9.4	14.2

184 100

185 15.1 13.4 20.2

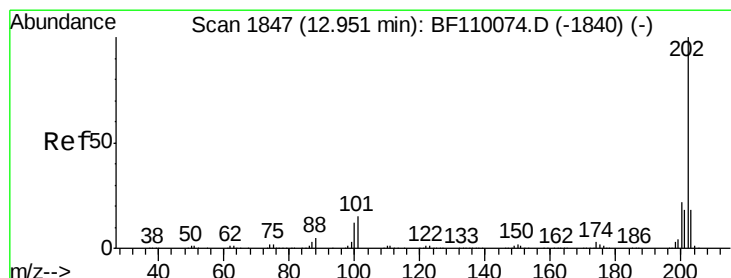
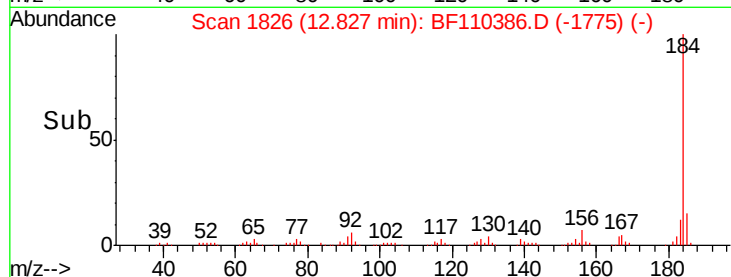
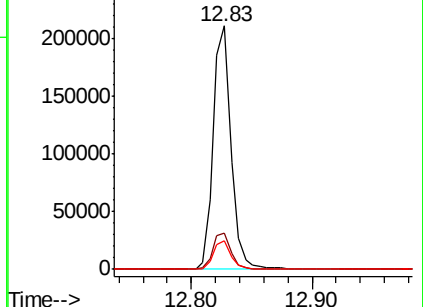
183 11.7 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.174 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

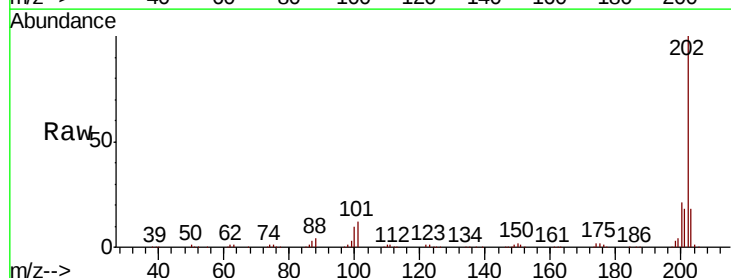
Tgt Ion:202 Resp: 384065

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.5	14.2	21.4

202 100

200 21.1 17.8 26.6

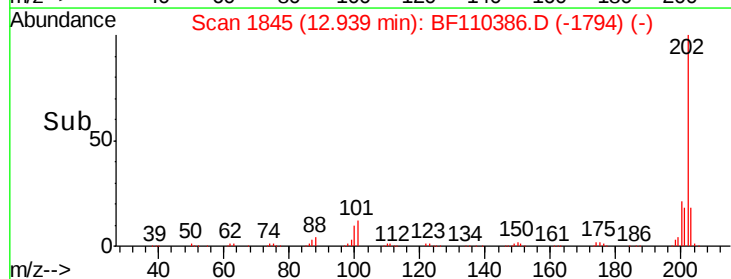
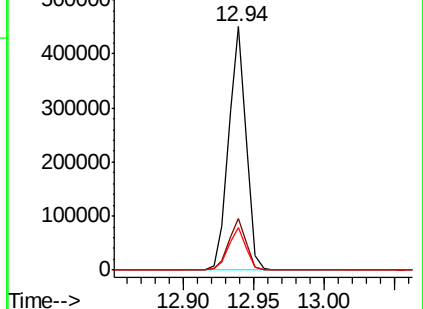
203 17.5 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.918 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

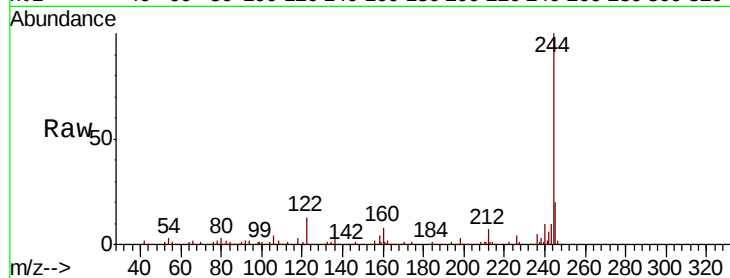
Tot Ion:244 Resp: 542906

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

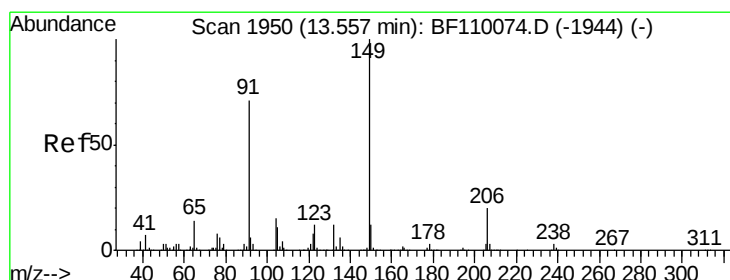
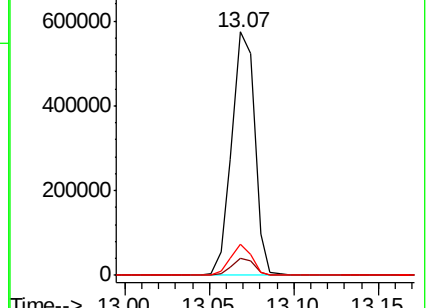
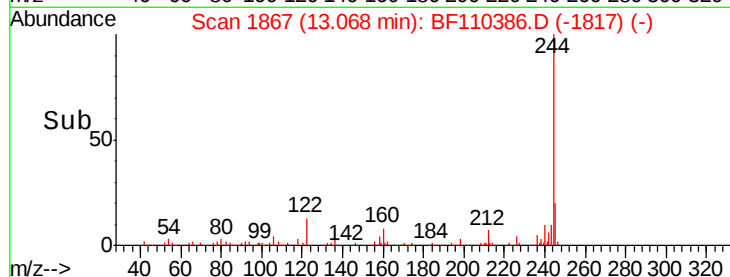
122 12.8 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.194 ng

RT: 13.54 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

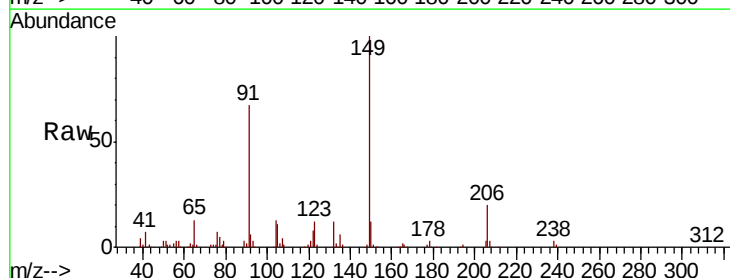
Tgt Ion:149 Resp: 181877

Ion Ratio Lower Upper

149 100

91 67.0 57.2 85.8

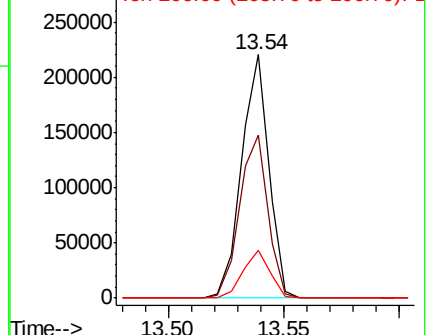
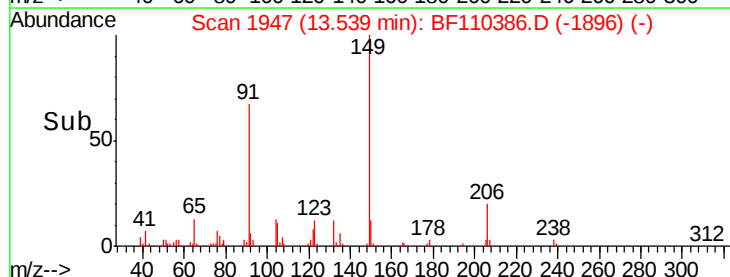
206 19.6 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.164 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampled :

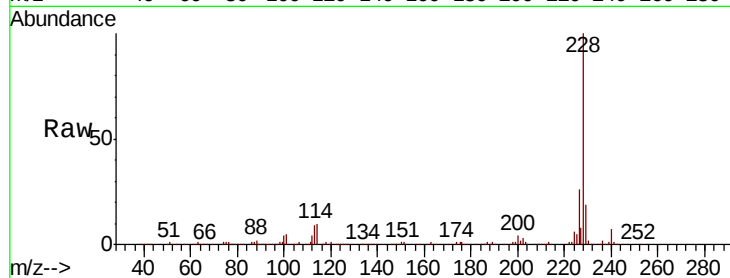
Tot Ion:228 Resp: 394205

Ion Ratio Lower Upper

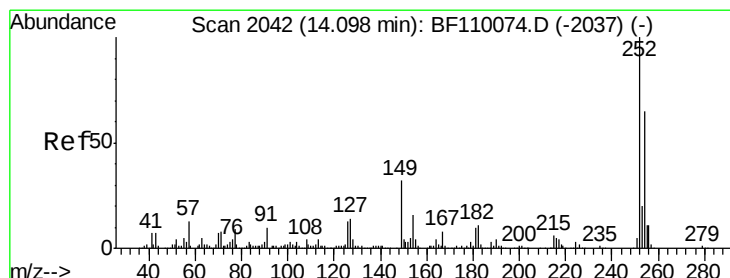
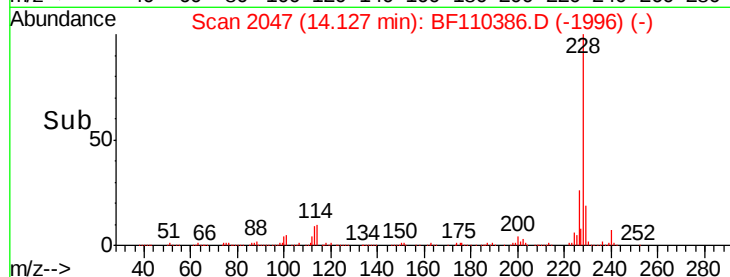
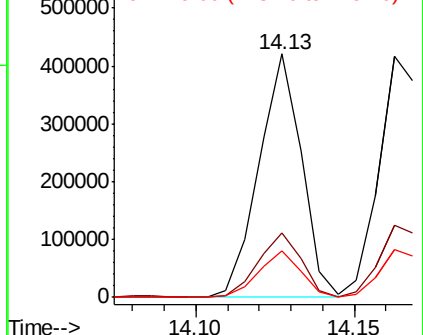
228 100

226 26.5 22.1 33.1

229 19.0 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.813 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

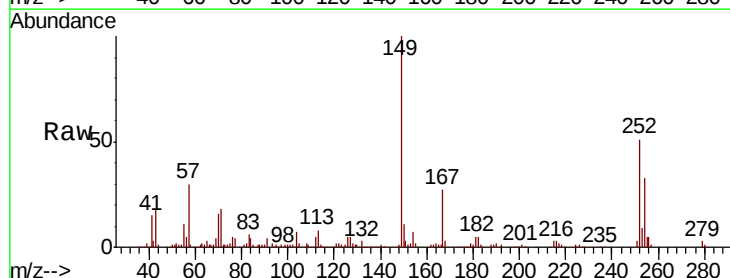
Tgt Ion:252 Resp: 149437

Ion Ratio Lower Upper

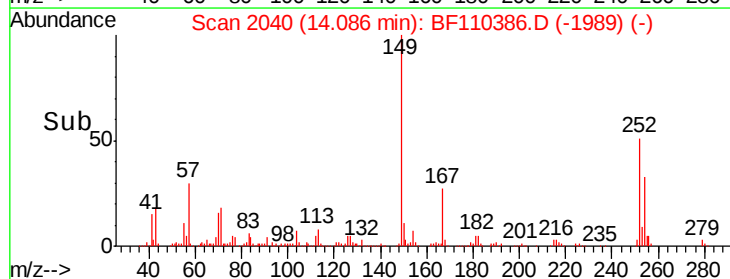
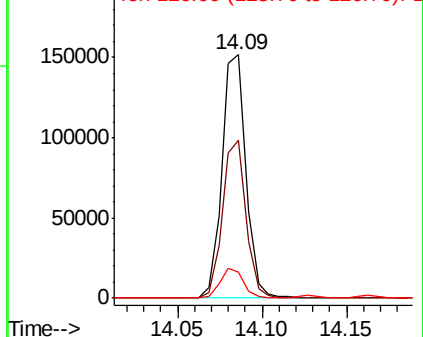
252 100

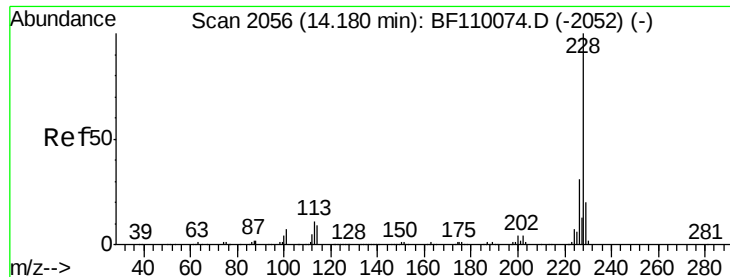
254 64.9 51.3 76.9

126 10.7 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.718 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

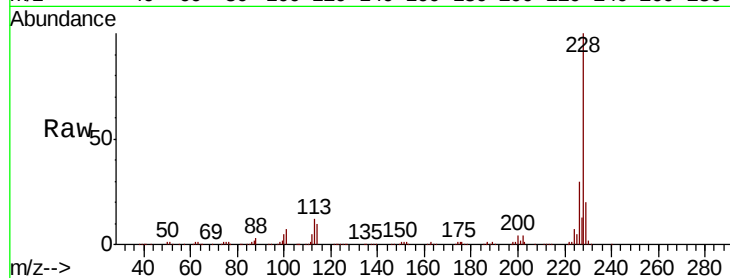
Tot Ion:228 Resp: 379461

Ion Ratio Lower Upper

228 100

226 30.1 24.7 37.1

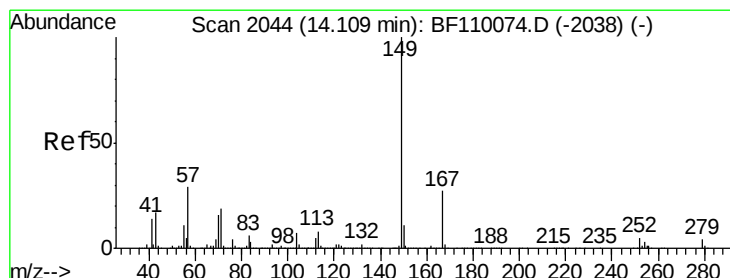
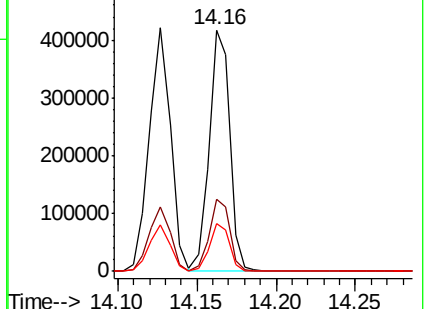
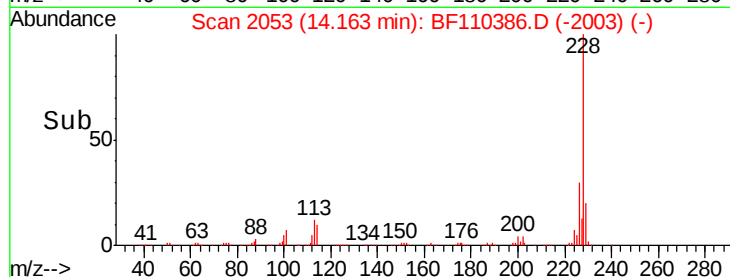
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.186 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

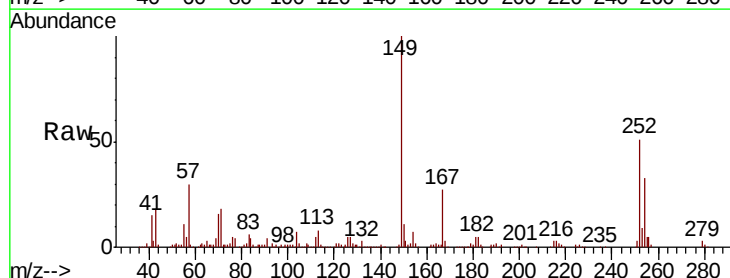
Tgt Ion:149 Resp: 259386

Ion Ratio Lower Upper

149 100

167 27.2 19.8 29.8

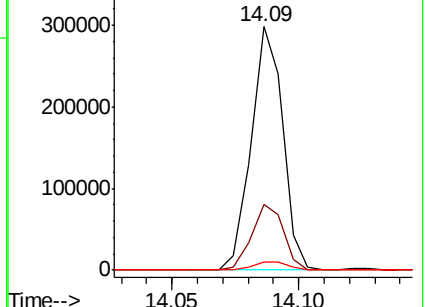
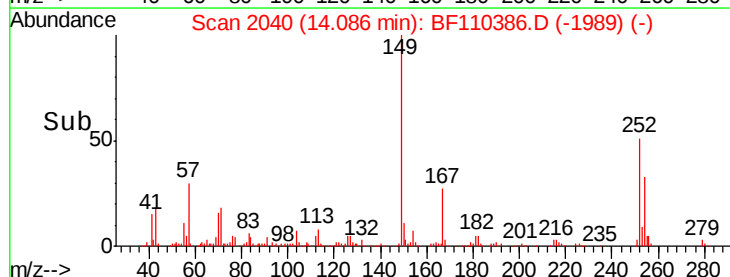
279 3.3 2.7 4.1

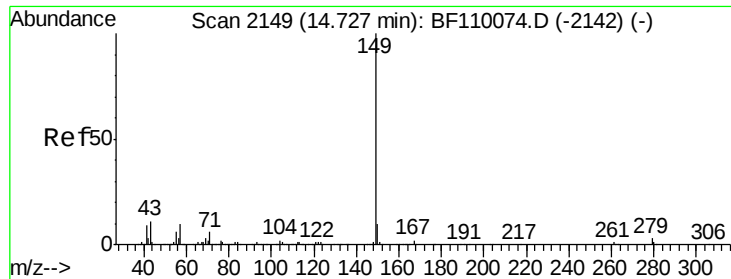


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

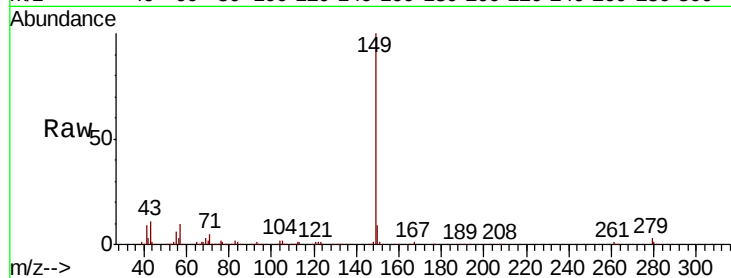




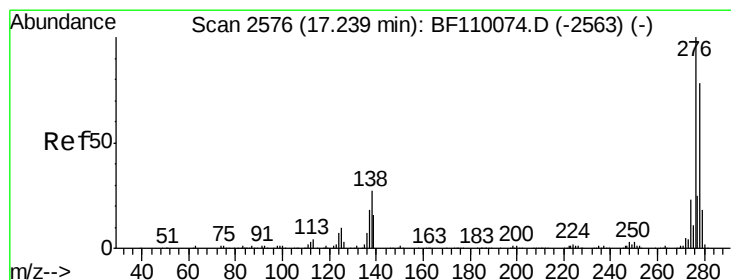
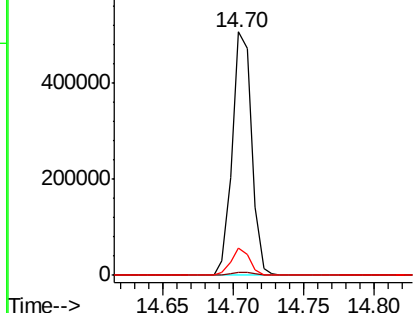
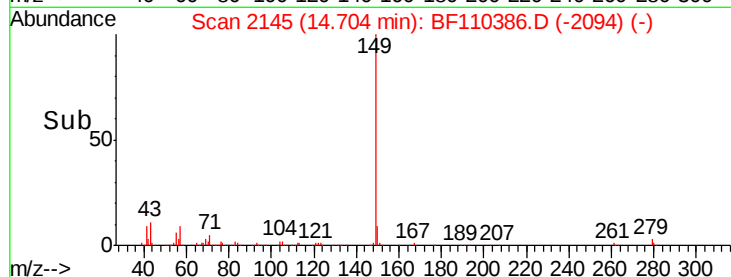
#85
Di-n-octyl phthalate
Concen: 45.943 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	10.4	7.8	11.8

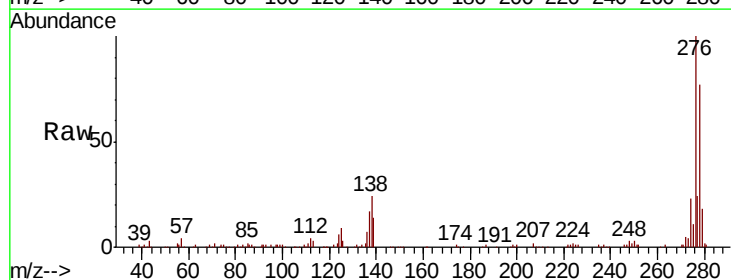


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

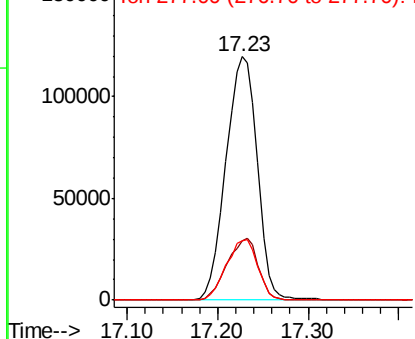
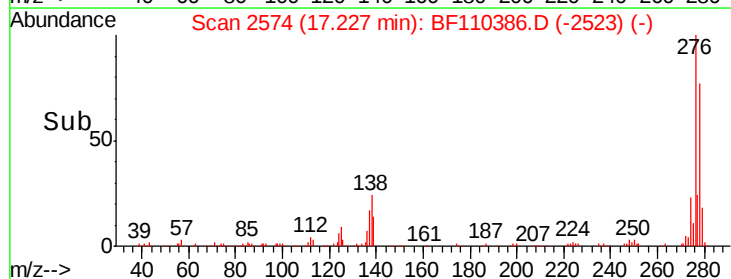


#86
Indeno(1,2,3-cd)pyrene
Concen: 38.128 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.5	27.7
277	25.0	20.0	30.0



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



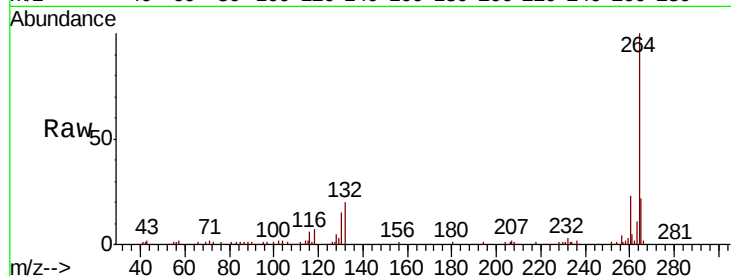


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

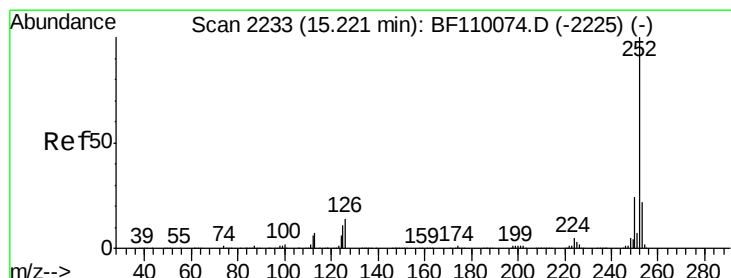
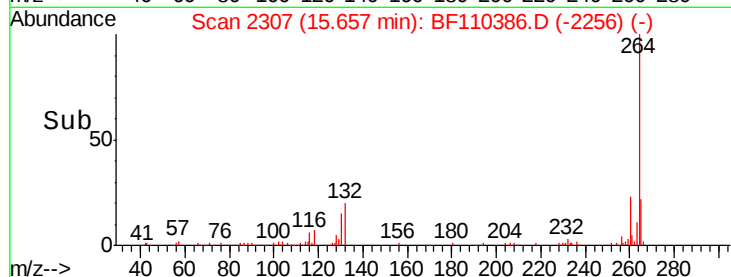
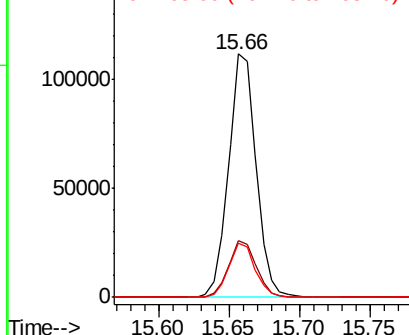
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 151461

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.2	16.7	25.1



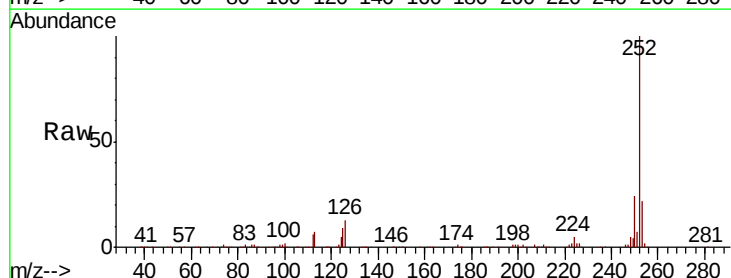
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



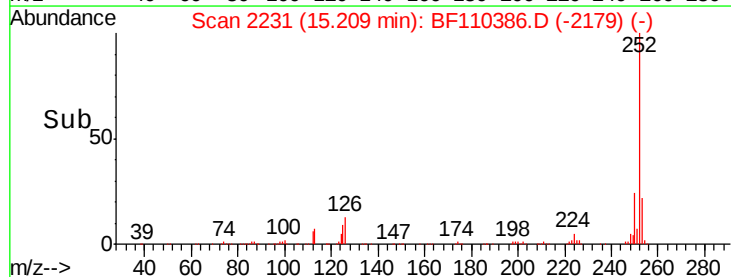
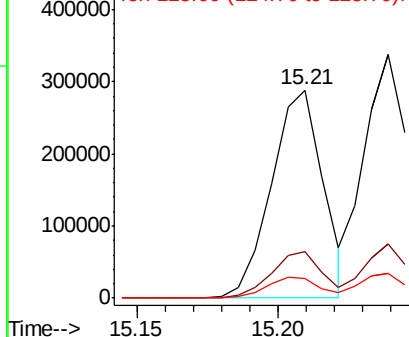
#88
Benzo(b)fluoranthene
Concen: 41.754 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

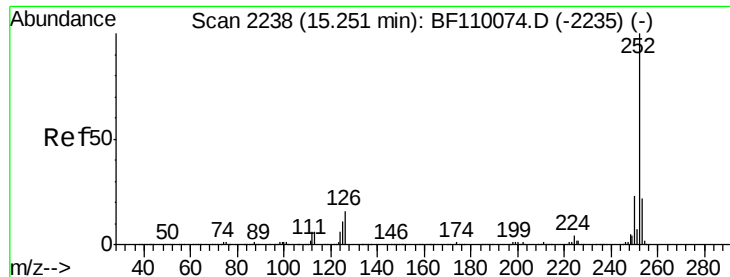
Tgt Ion:252 Resp: 365193

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	9.4	8.2	12.4



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

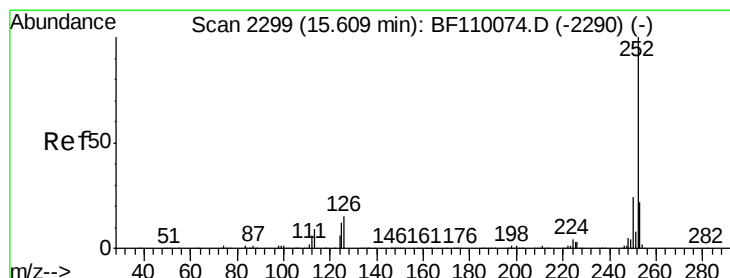
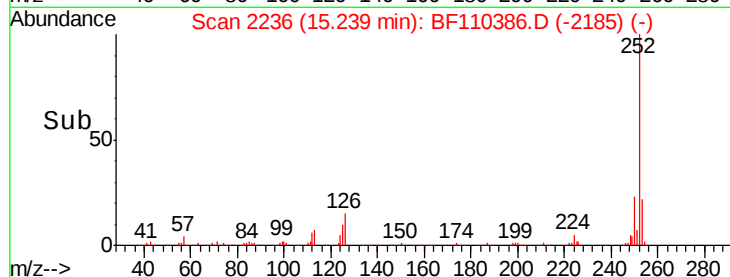
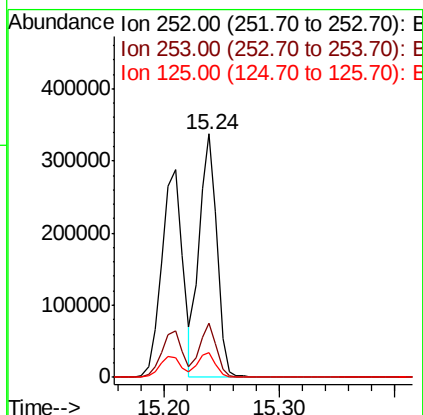
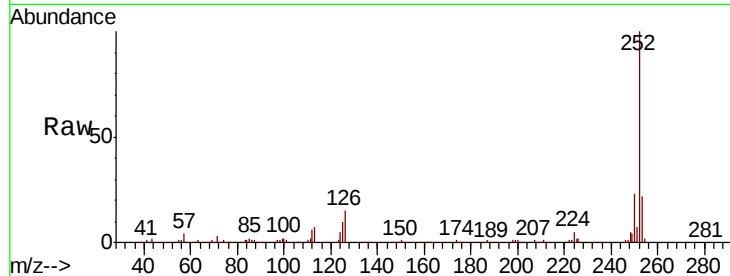




#89
Benzo(k)fluoranthene
Concen: 42.284 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

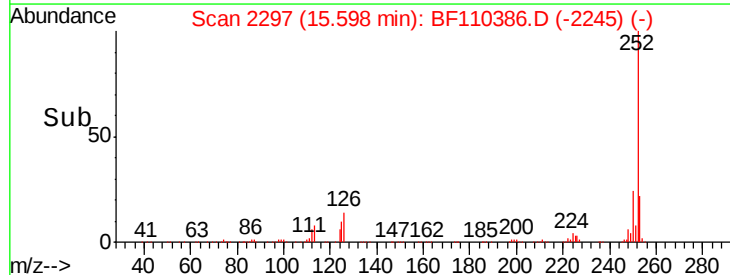
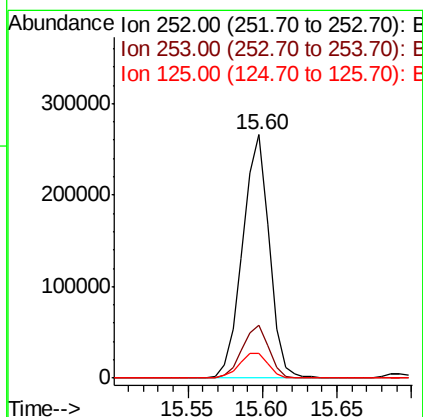
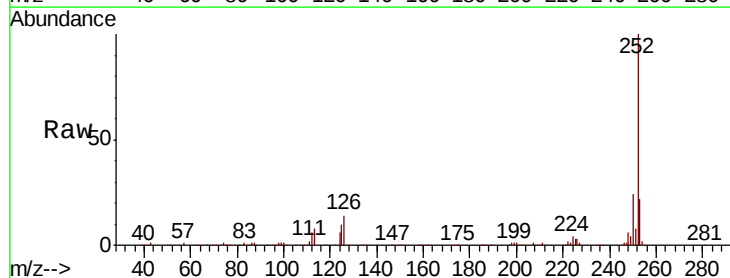
Instrument :
BNA_F
ClientSampleId :

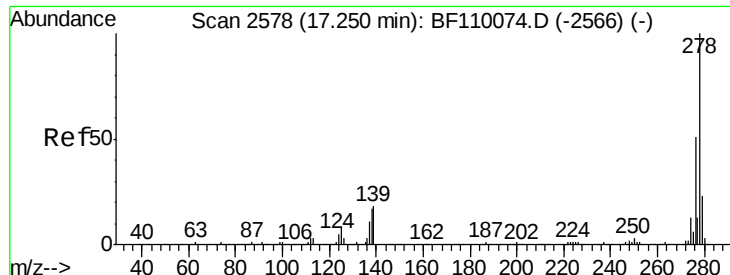
Tot Ion:252 Resp: 363581
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.976 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion:252 Resp: 329773
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 10.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 35.073 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

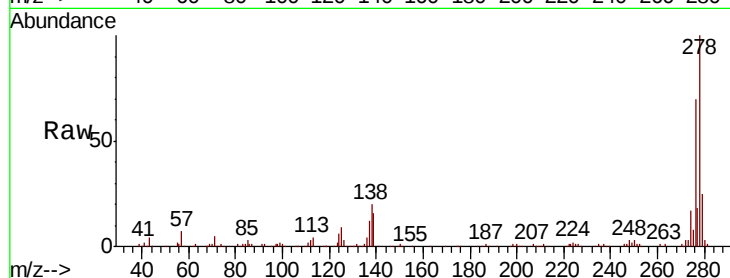
Tot Ion:278 Resp: 243554

Ion Ratio Lower Upper

278 100

139 16.3 12.7 19.1

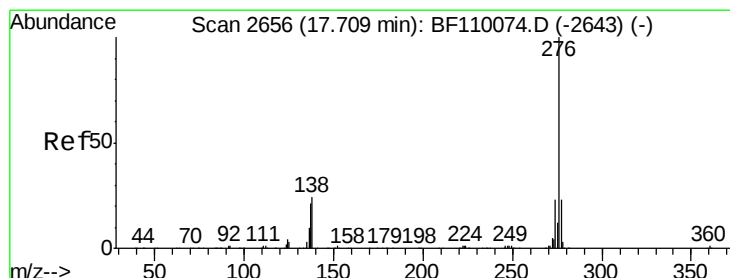
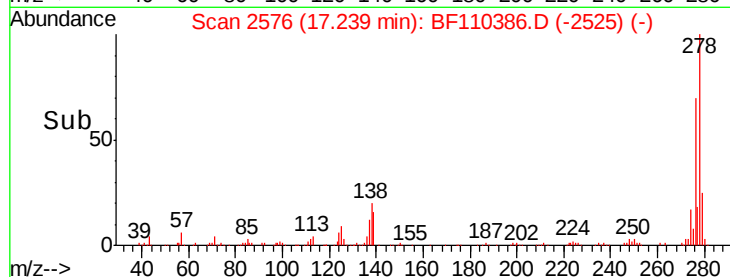
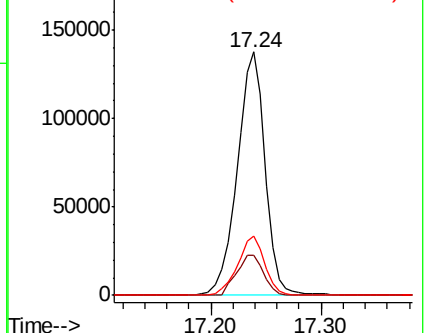
279 24.6 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 32.013 ng

RT: 17.70 min Scan# 2655

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

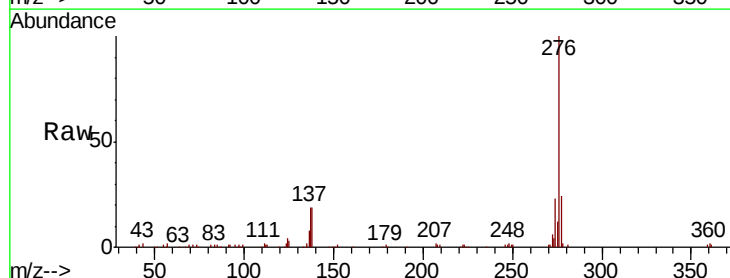
Tgt Ion:276 Resp: 219065

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 19.0 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

