

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 :
 SSTDCCC040

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

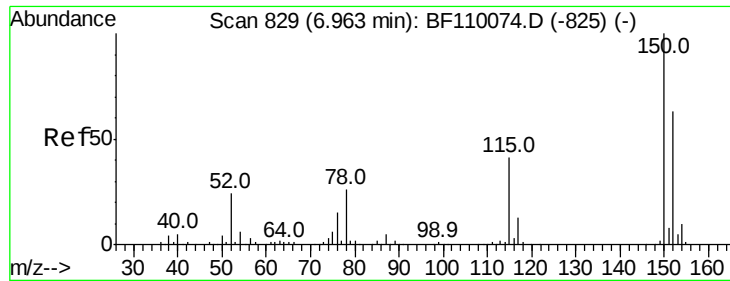
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110386.D
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 Response via : Initial Calibration

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

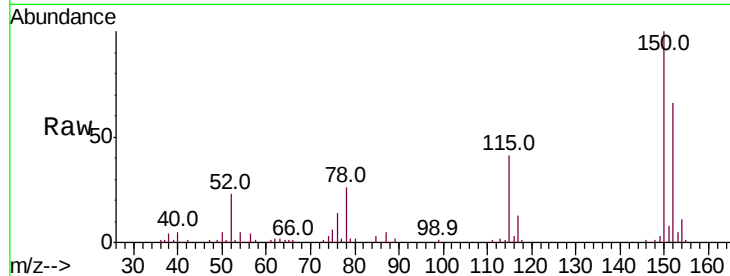


#1

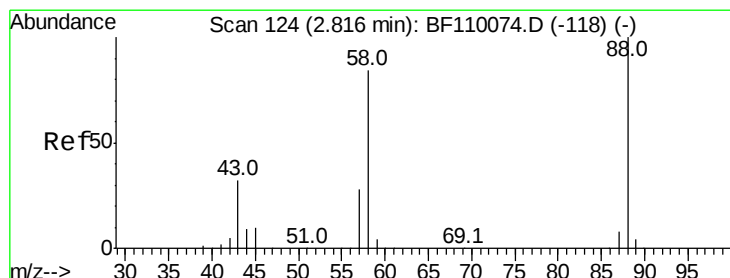
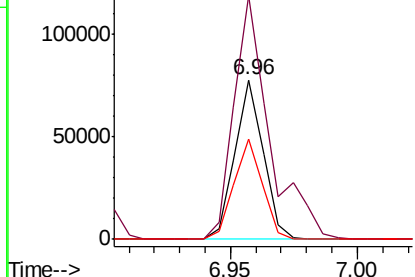
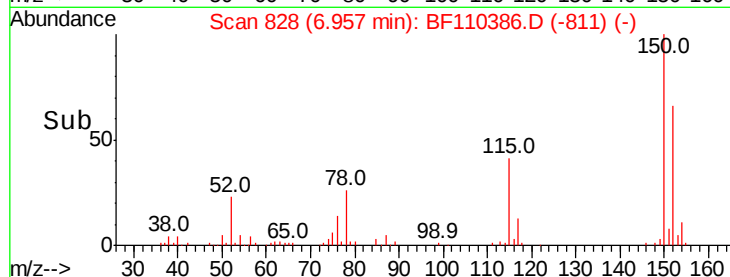
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 60282
 Ion Ratio Lower Upper
 152 100
 150 152.6 122.7 184.1
 115 62.7 49.1 73.7



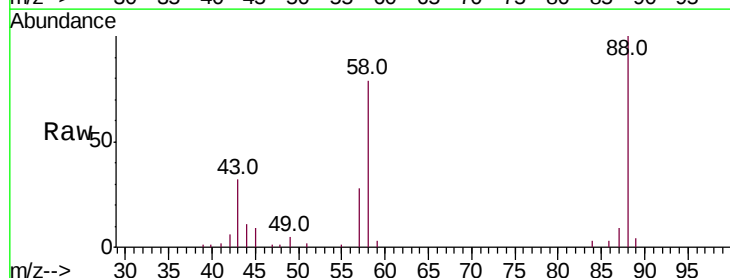
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



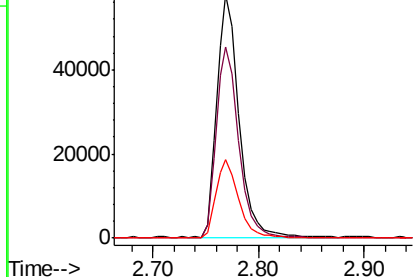
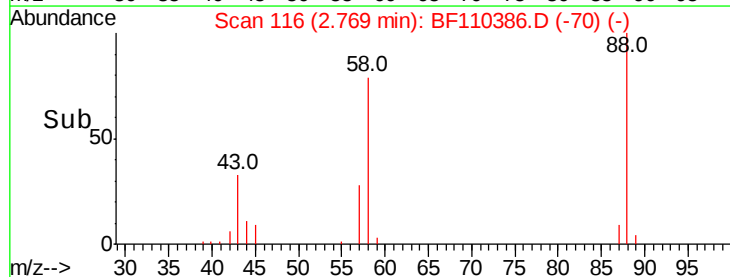
#2

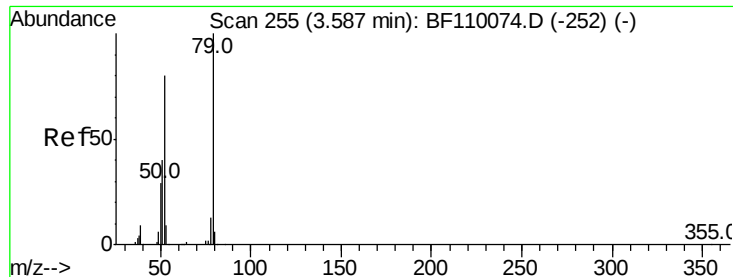
1,4-Dioxane
 Concen: 44.509 ng
 RT: 2.77 min Scan# 116
 Delta R.T. -0.03 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Tgt Ion: 88 Resp: 86324
 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 :

SSTDCCC040

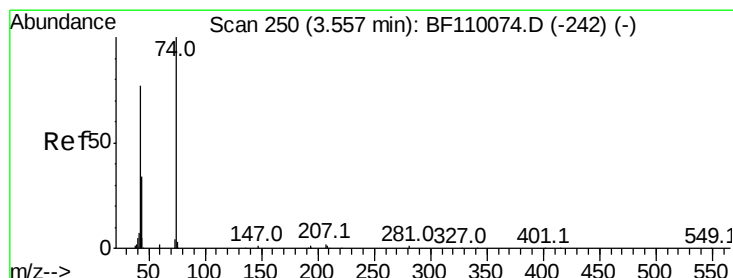
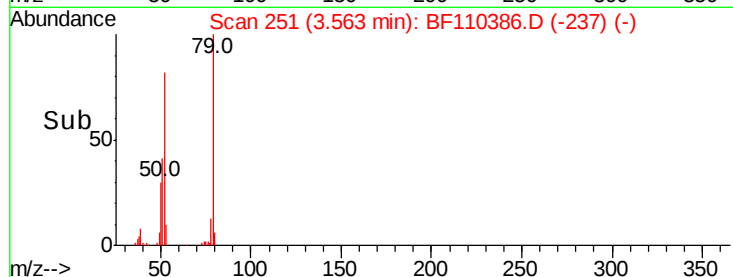
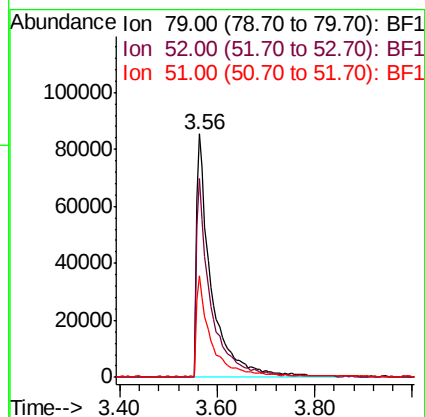
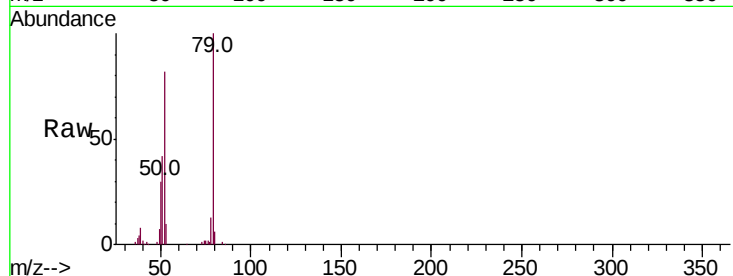
Tot Ion: 79 Resp: 187369

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

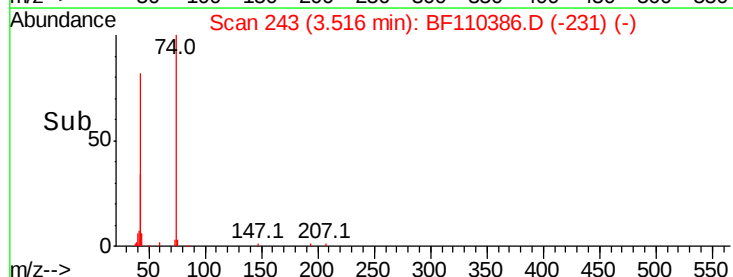
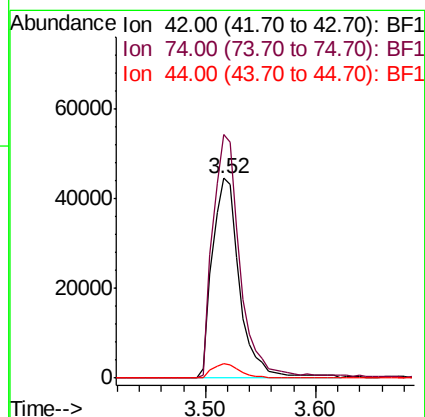
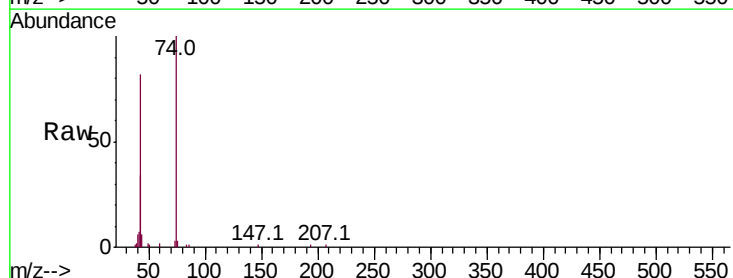
Tgt Ion: 42 Resp: 75682

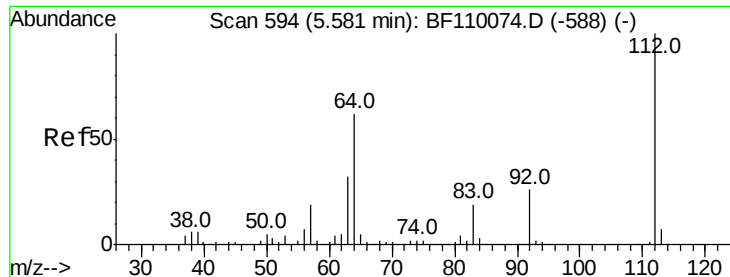
Ion Ratio Lower Upper

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

ClientSampleId :

SSTDCCC040

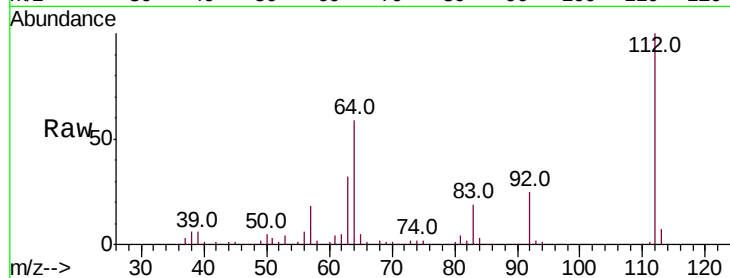
Tot Ion:112 Resp: 324556

Ion Ratio Lower Upper

112 100

64 59.0 44.1 66.1

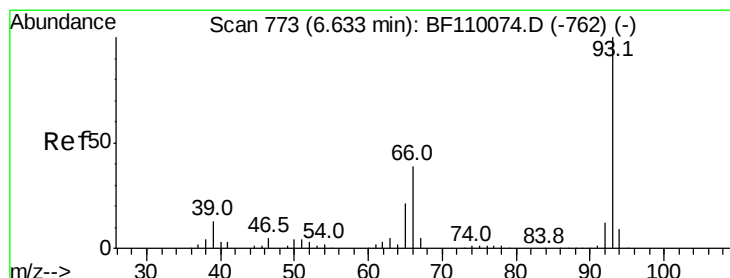
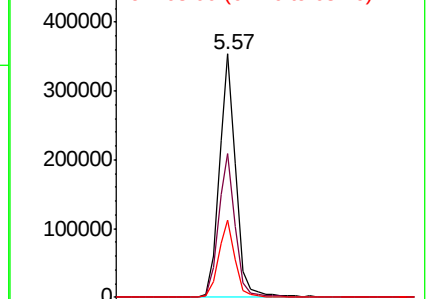
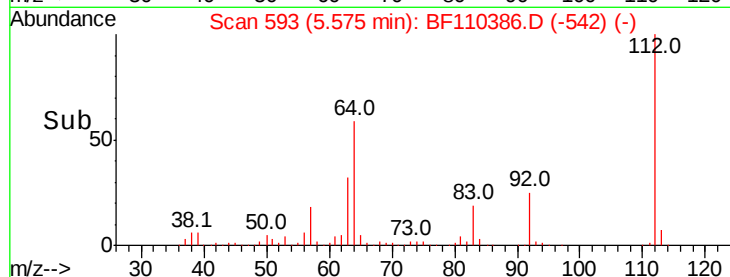
63 31.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

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

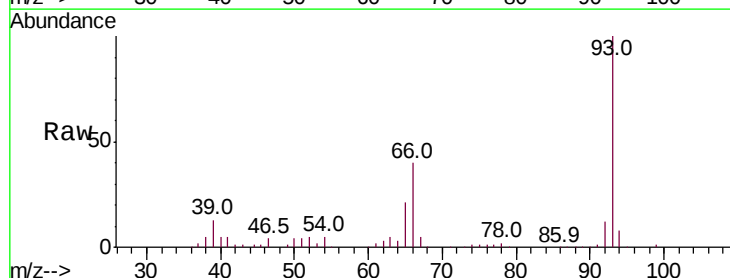
Tgt Ion: 93 Resp: 235135

Ion Ratio Lower Upper

93 100

66 40.4 67.4 101.0#

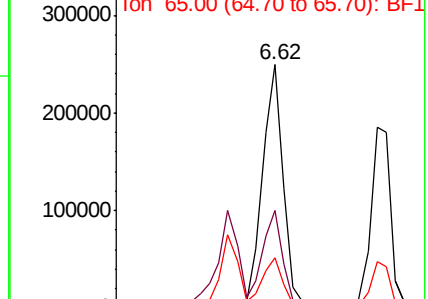
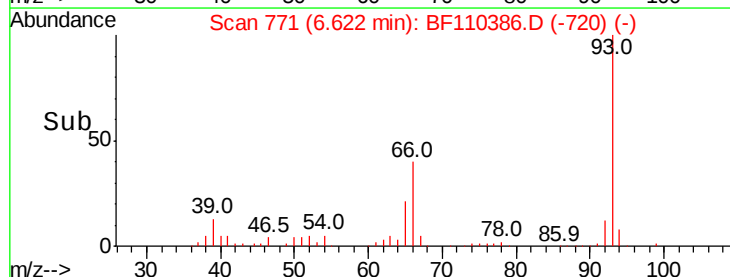
65 20.6 41.0 61.4#

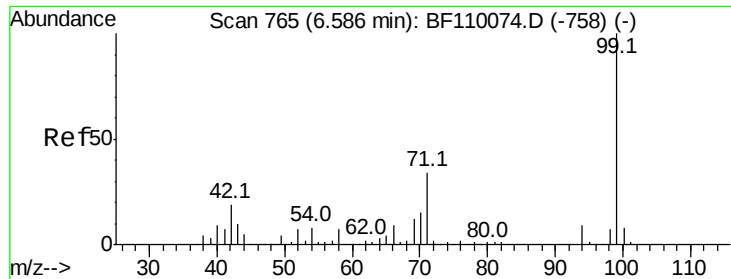


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

SSTDCCC040

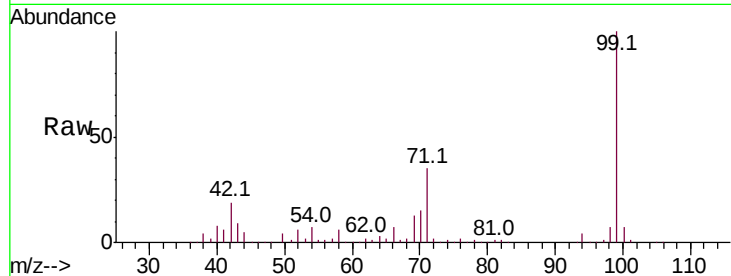
Tot Ion: 99 Resp: 375631

Ion Ratio Lower Upper

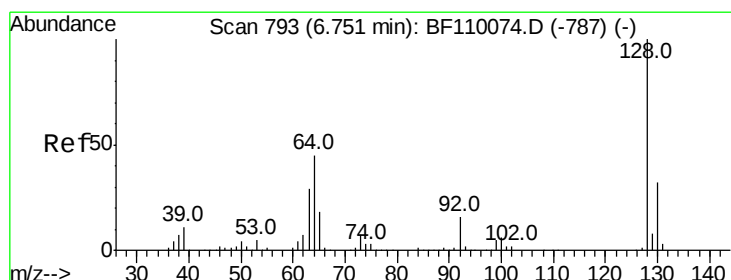
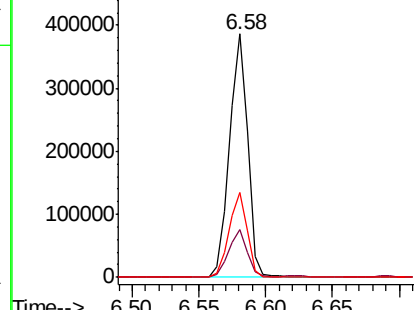
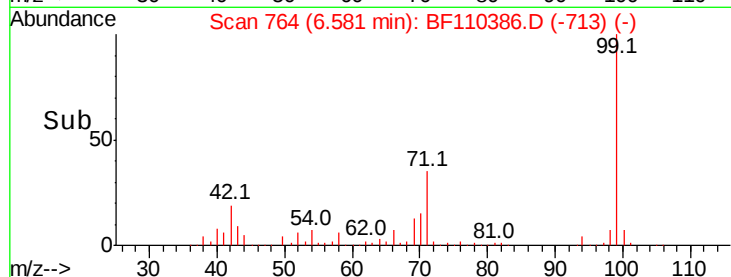
99 100

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

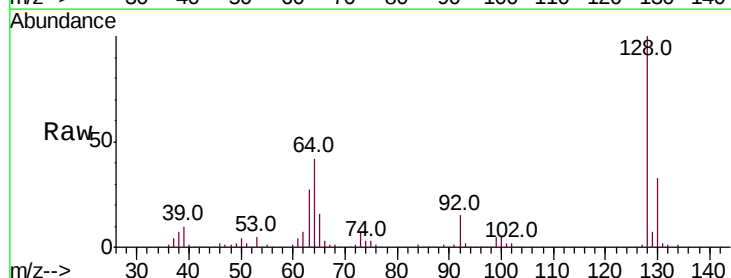
Tgt Ion:128 Resp: 178846

Ion Ratio Lower Upper

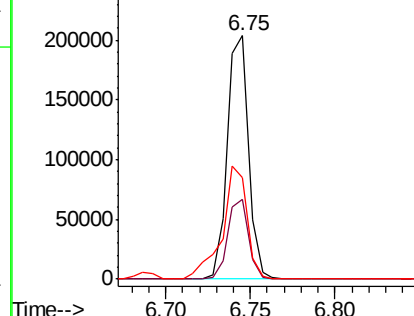
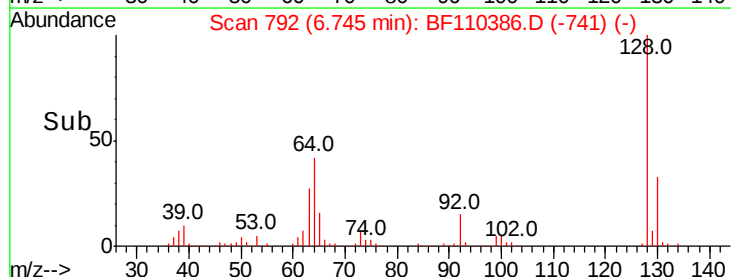
128 100

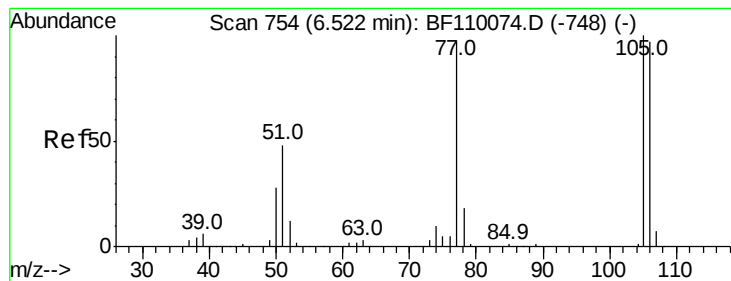
130 32.6 13.1 53.1

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 :

SSTDCCC040

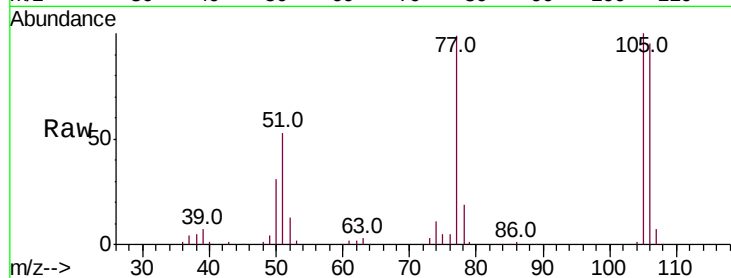
Tot Ion: 77 Resp: 109923

Ion Ratio Lower Upper

77 100

105 100.9 78.6 118.6

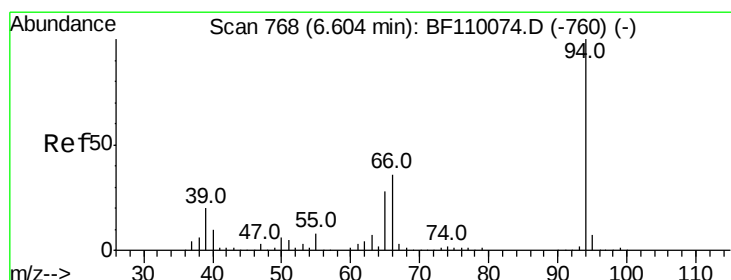
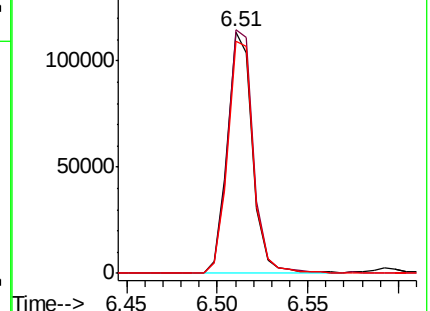
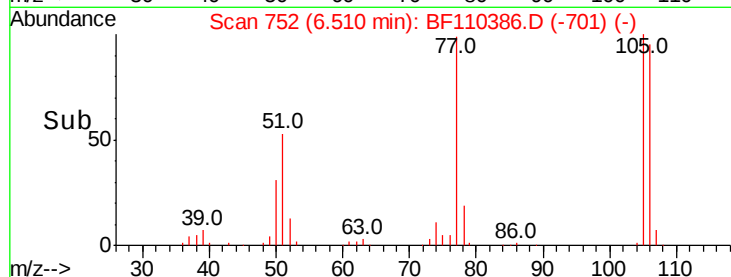
106 96.4 74.8 114.8



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

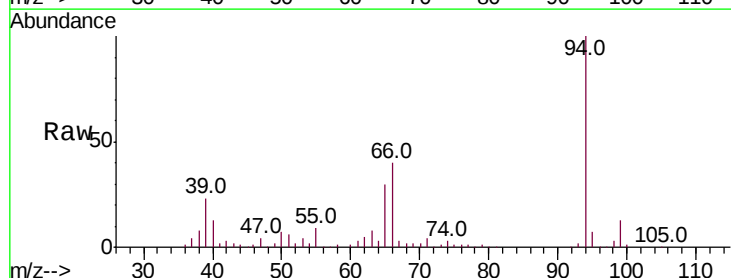
Tgt Ion: 94 Resp: 198446

Ion Ratio Lower Upper

94 100

65 30.1 25.3 65.3

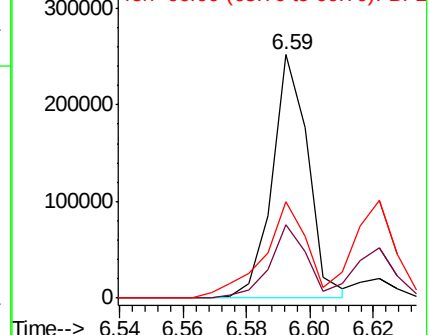
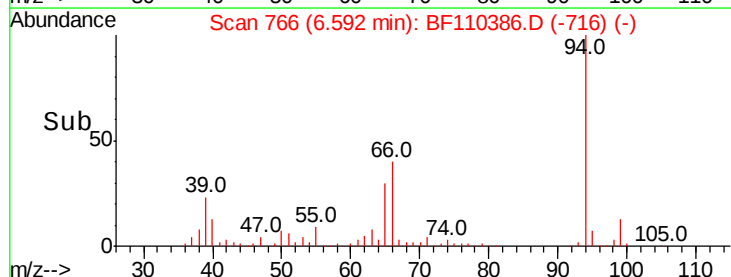
66 39.7 54.5 94.5#

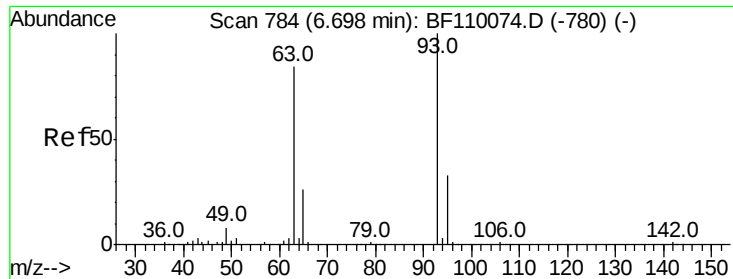


Abundance Ion 94.00 (93.70 to 94.70): BF1

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 :

SSTDCCC040

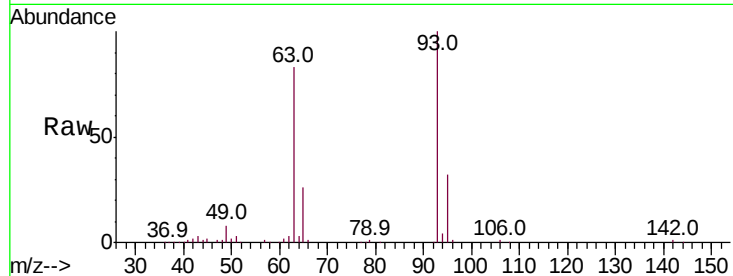
Tot Ion: 93 Resp: 161256

Ion Ratio Lower Upper

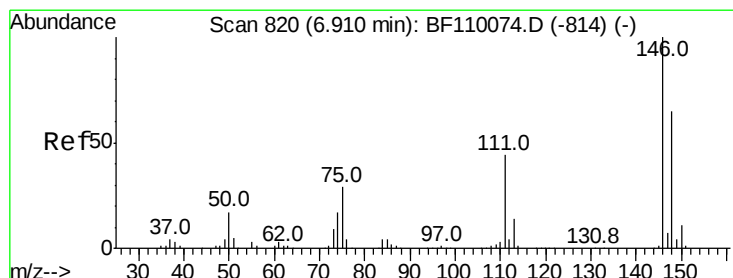
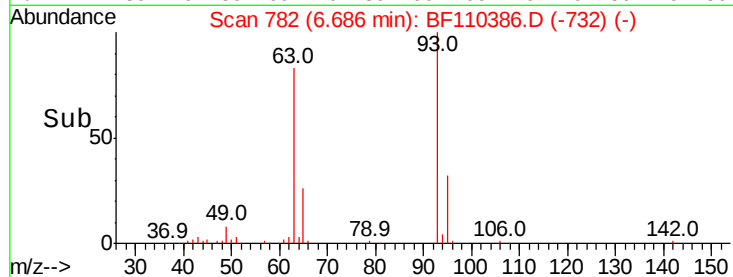
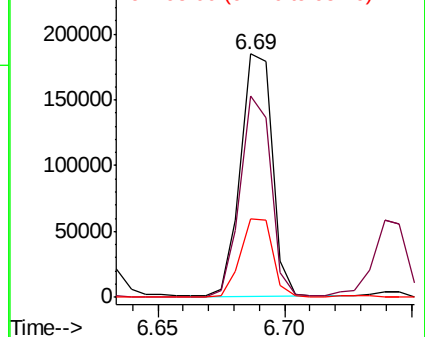
93 100

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

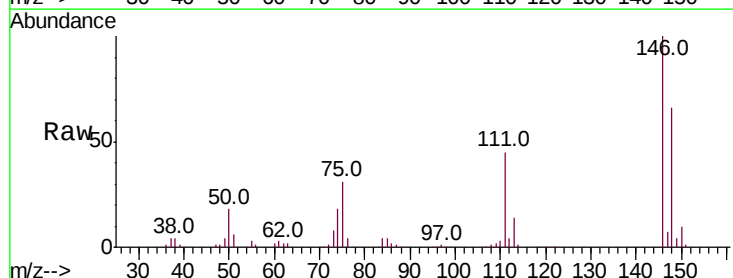
Tgt Ion: 146 Resp: 194745

Ion Ratio Lower Upper

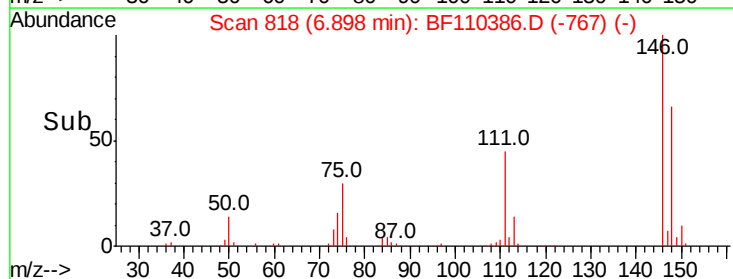
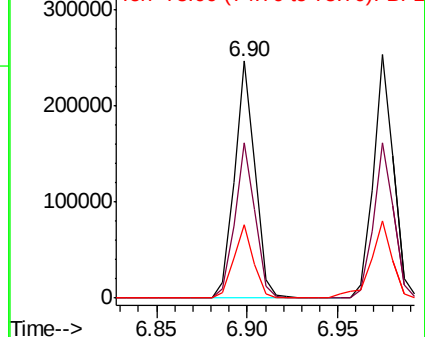
146 100

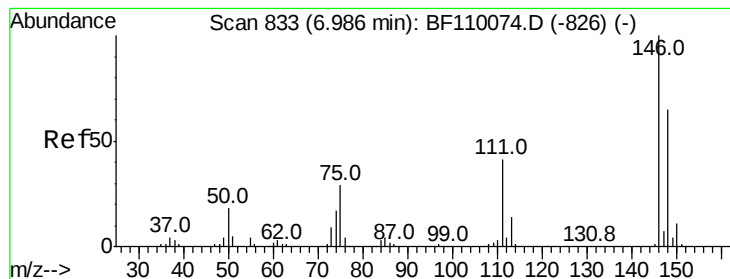
148 65.6 50.4 75.6

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 :

SSTDCCC040

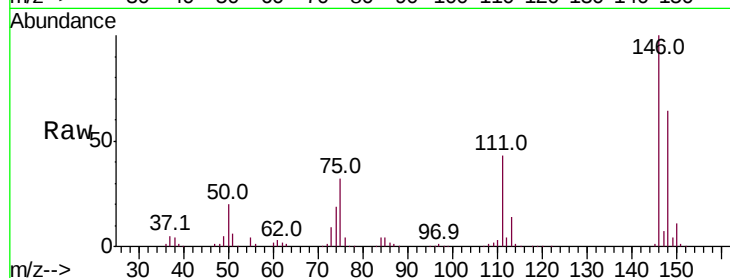
Tot Ion:146 Resp: 197167

Ion Ratio Lower Upper

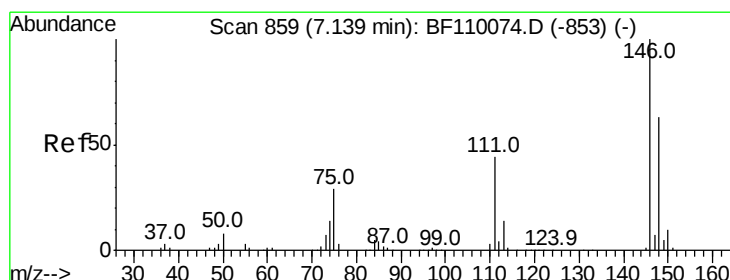
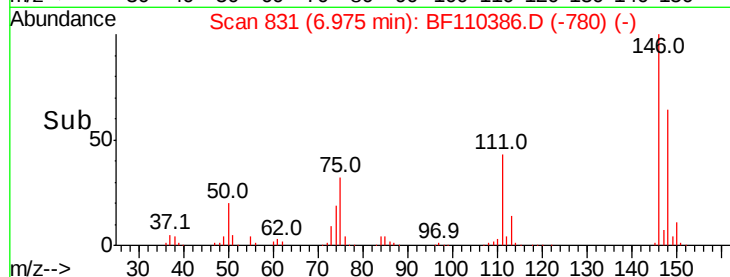
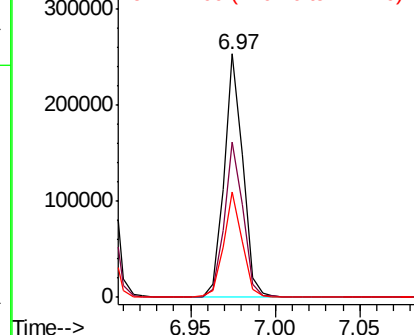
146 100

148 63.9 50.3 75.5

111 43.3 32.7 49.1



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



#14

1,2-Dichlorobenzene

Concen: 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

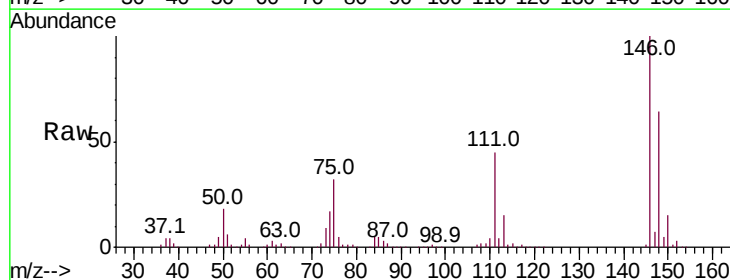
Tgt Ion:146 Resp: 181816

Ion Ratio Lower Upper

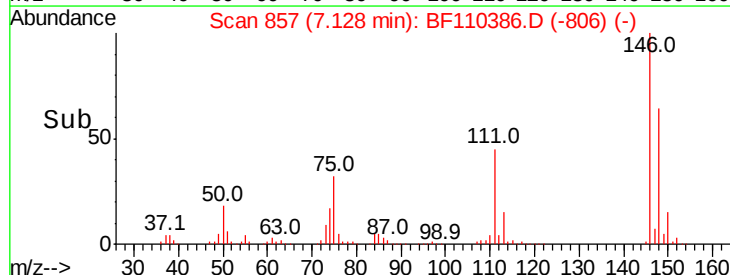
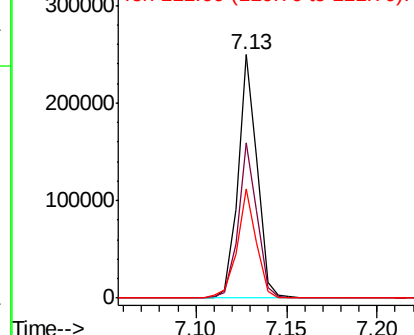
146 100

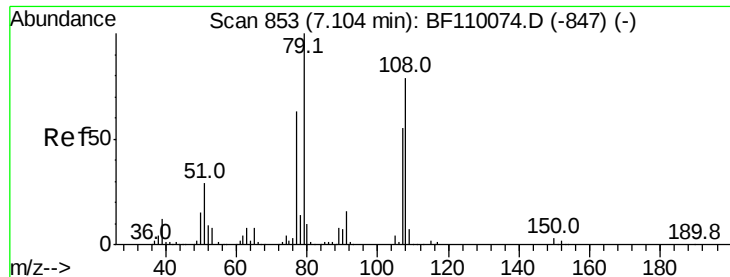
148 63.7 51.1 76.7

111 44.9 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 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 :

SSTDCCC040

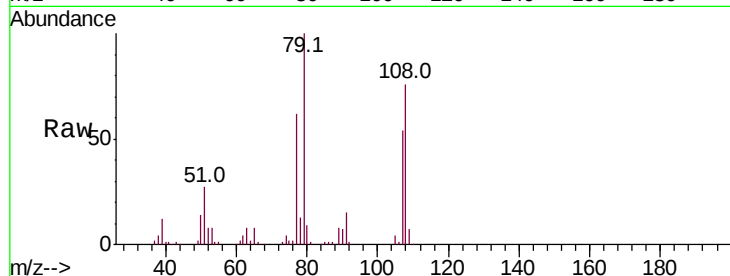
Tot Ion: 79 Resp: 141914

Ion Ratio Lower Upper

79 100

108 76.2 56.3 84.5

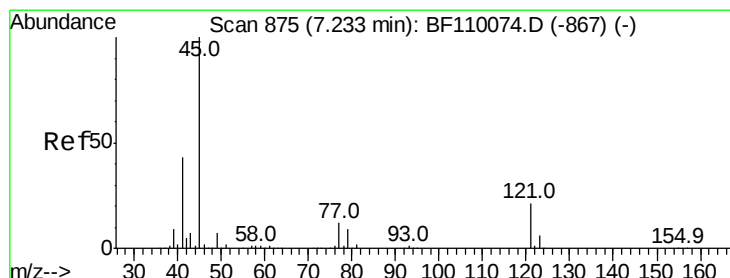
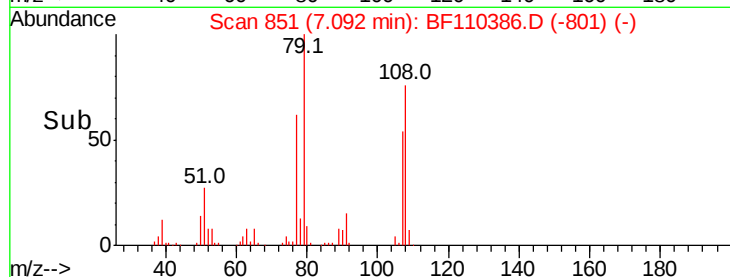
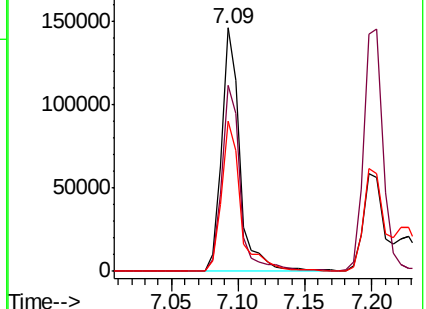
77 61.5 52.9 79.3



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

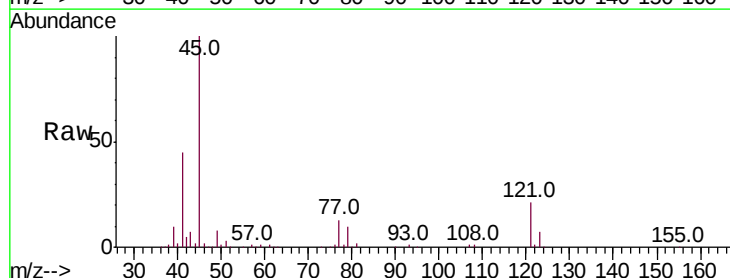
Tgt Ion: 45 Resp: 252169

Ion Ratio Lower Upper

45 100

77 13.3 10.0 50.0

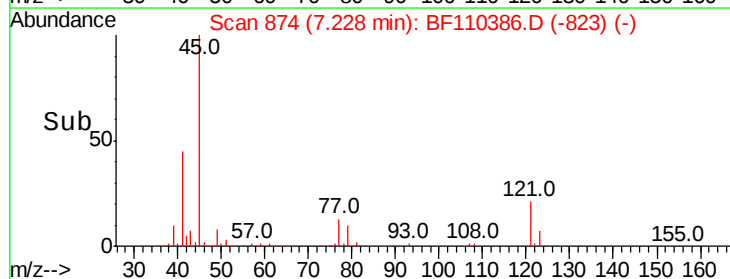
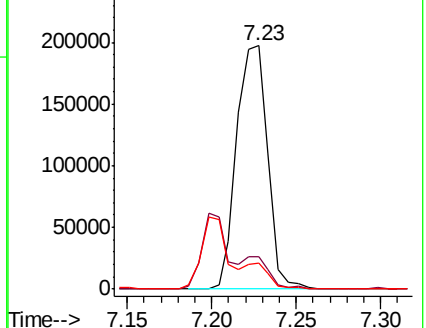
79 10.5 6.1 46.1

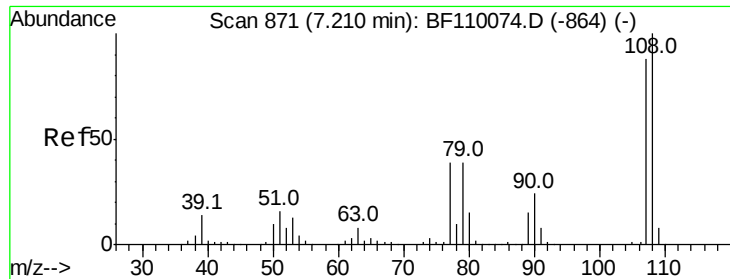


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

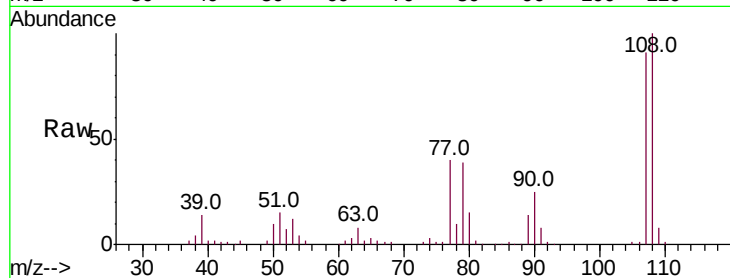




#17
2-Methylphenol
Concen: 38.980 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot 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#



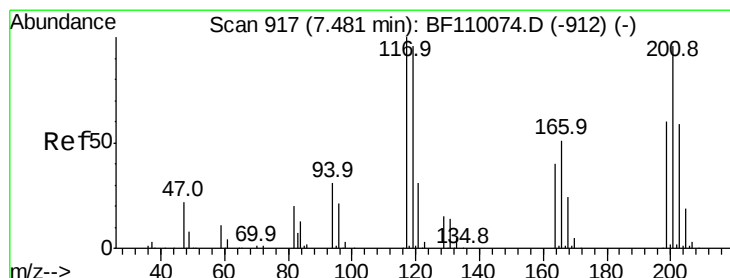
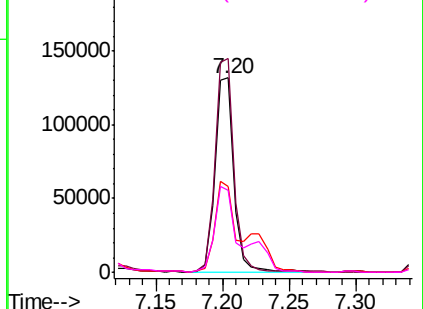
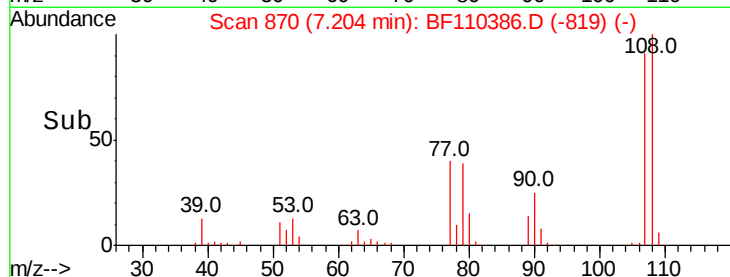
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

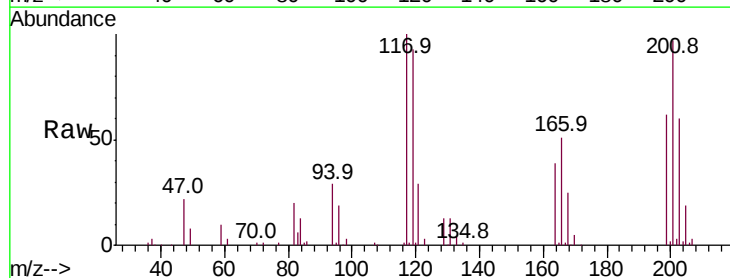
Ion 77.00 (76.70 to 77.70): BF1

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	Ratio	Lower	Upper
117	100		
119	93.4	75.0	112.6
201	97.1	79.2	118.8

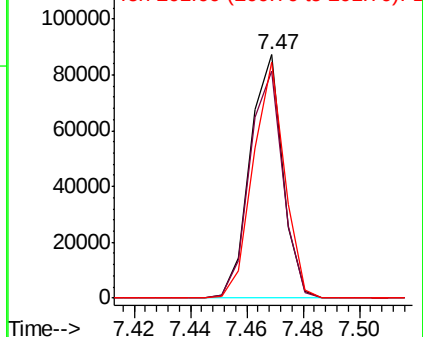
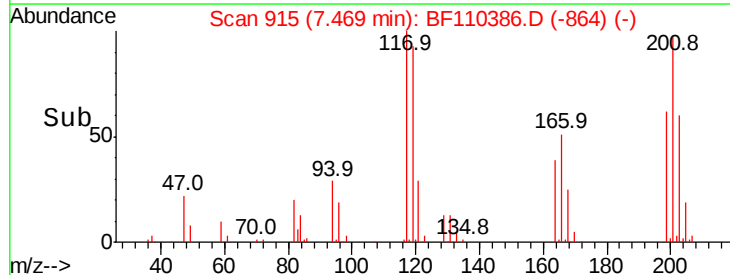


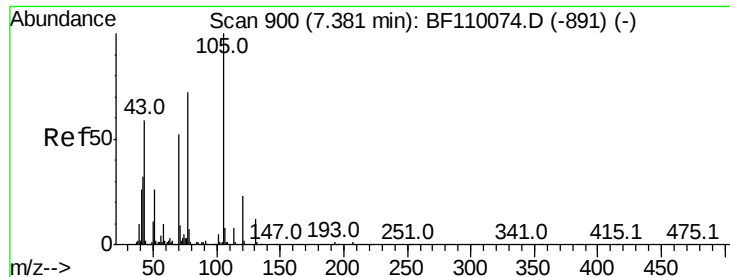
Abundance

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

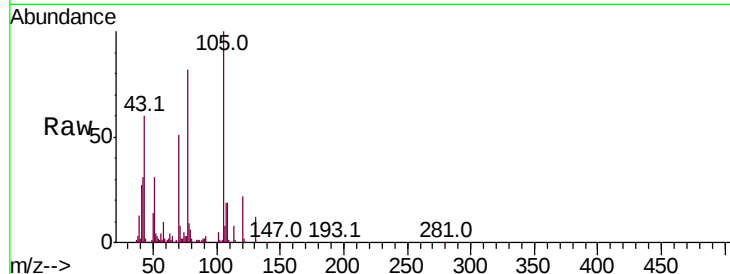




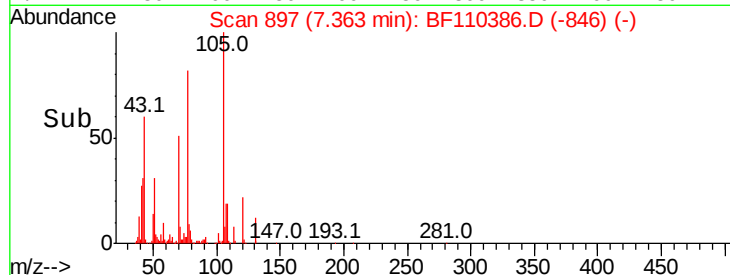
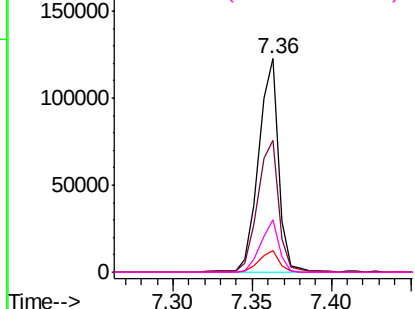
#19
n-Nitroso-di-n-propylamine
Concen: 35.728 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#



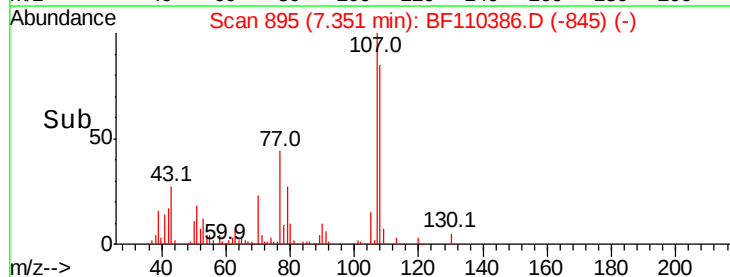
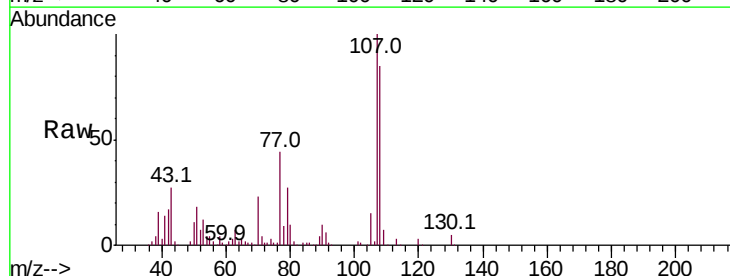
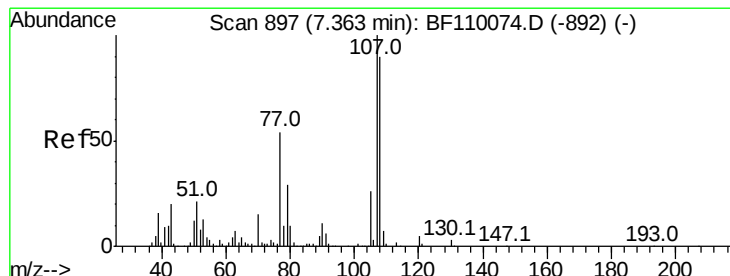
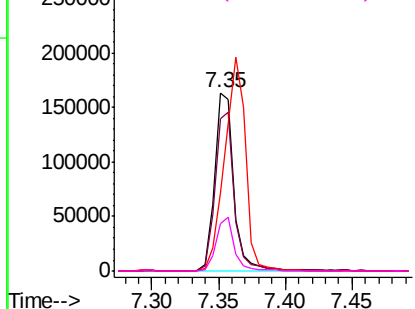
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

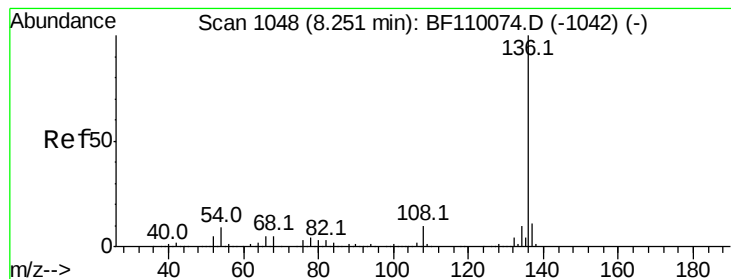


#20
3+4-Methylphenols
Concen: 37.979 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

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

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 221592

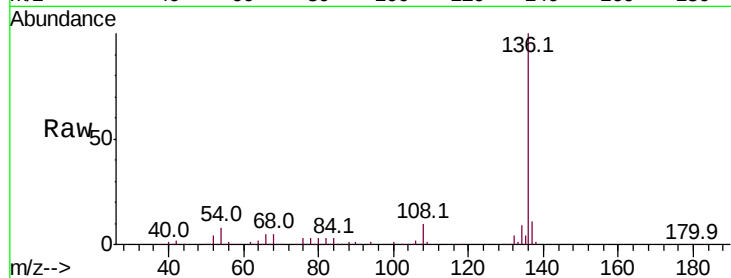
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.9 5.4 8.2

68 5.0 4.2 6.2

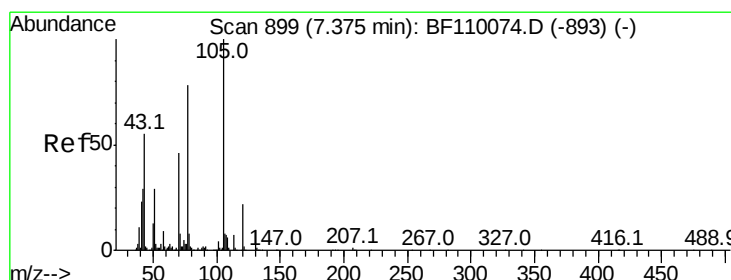
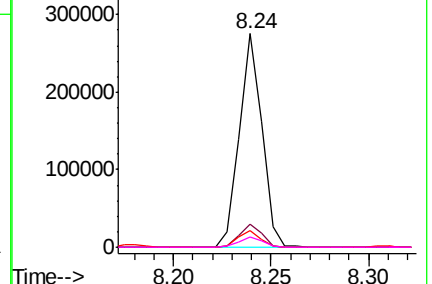
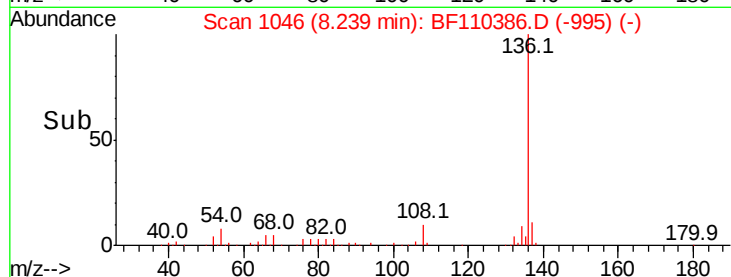


Abundance Ion 136.00 (135.70 to 136.70): E

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



#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

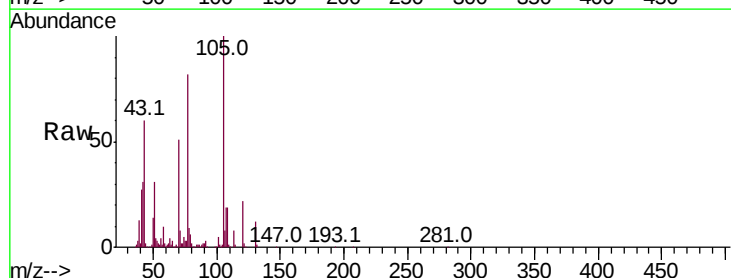
Ion Ratio Lower Upper

105 100

71 8.5 5.2 7.8#

51 30.8 21.8 32.8

120 22.1 17.0 25.4

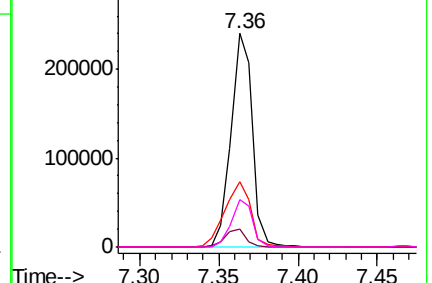
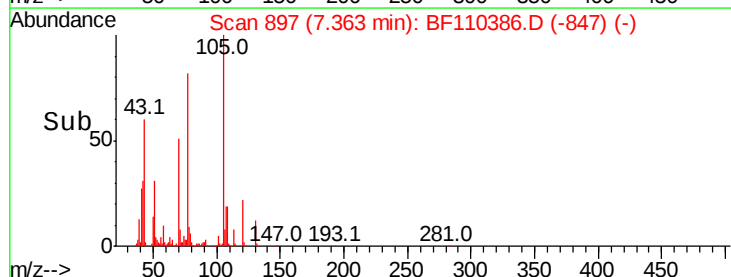


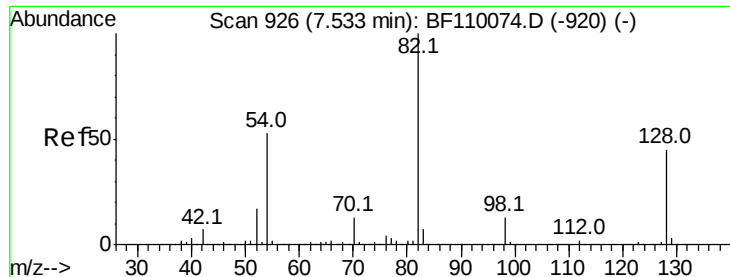
Abundance Ion 105.00 (104.70 to 105.70): E

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

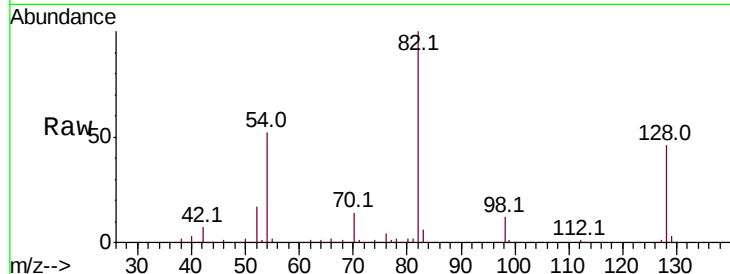




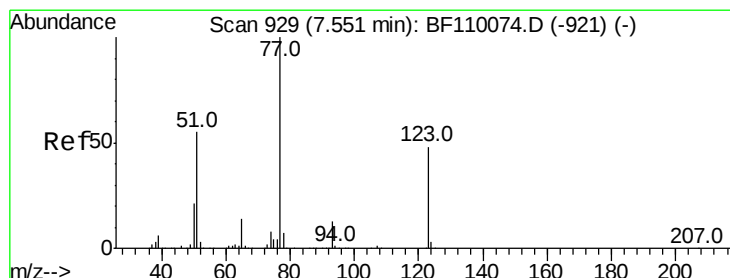
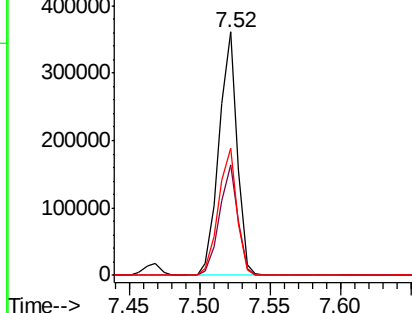
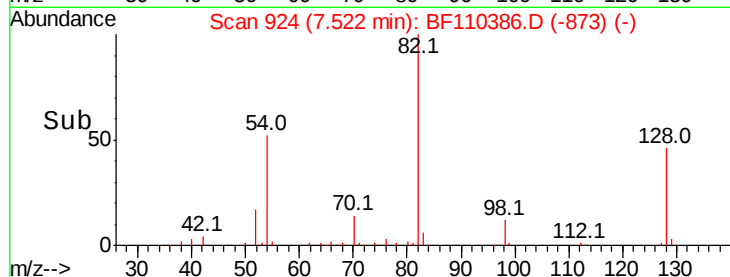
#23
 Nitrobenzene-d5
 Concen: 86.878 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

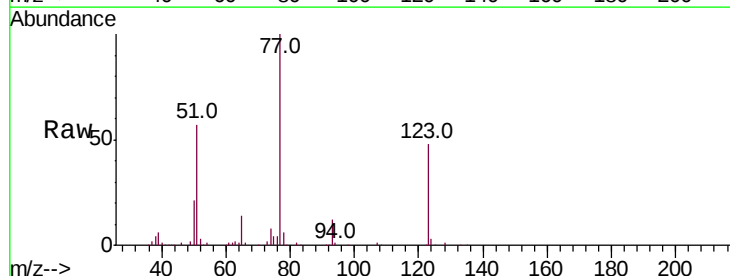


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

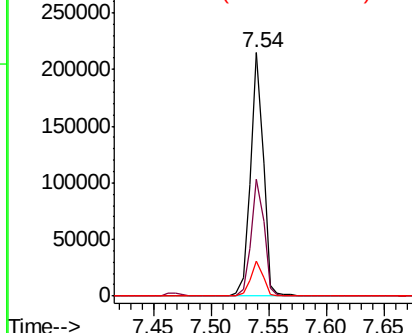
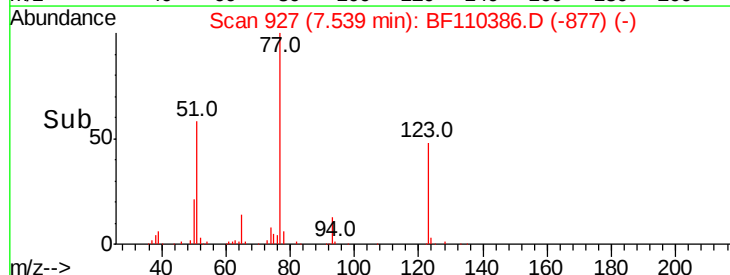


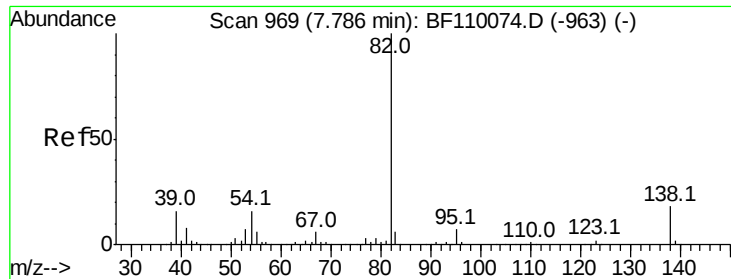
#24
 Nitrobenzene
 Concen: 42.829 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

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



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





#25

Isophorone

Concen: 38.629 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 :

SSTDCCC040

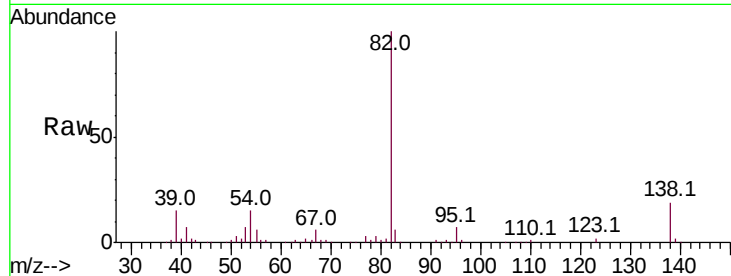
Tot Ion: 82 Resp: 246002

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

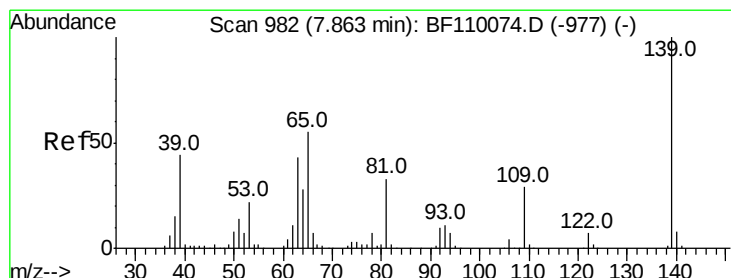
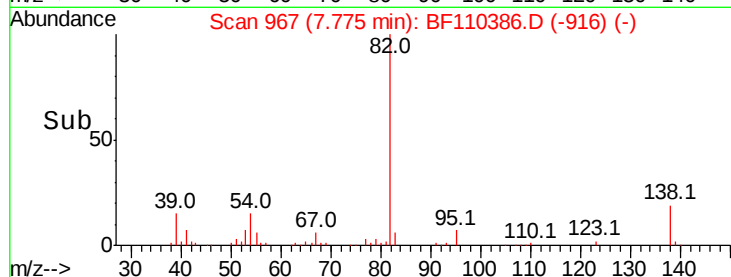
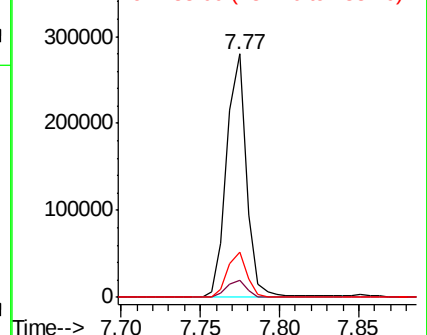
138 18.6 13.2 19.8



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

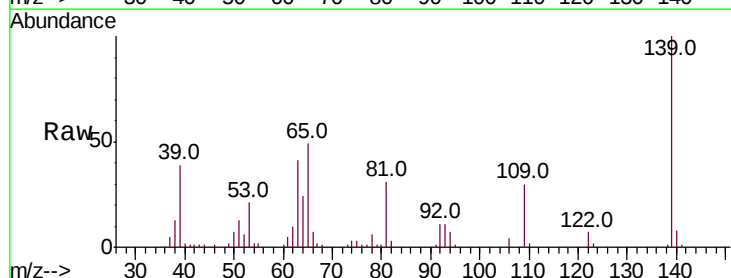
Tgt Ion: 139 Resp: 79996

Ion Ratio Lower Upper

139 100

109 30.1 25.0 37.6

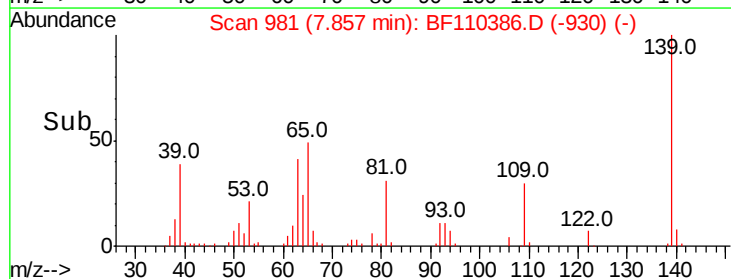
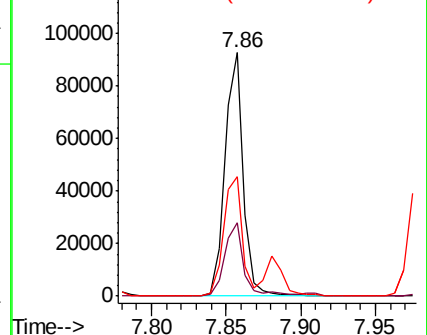
65 48.9 44.0 66.0

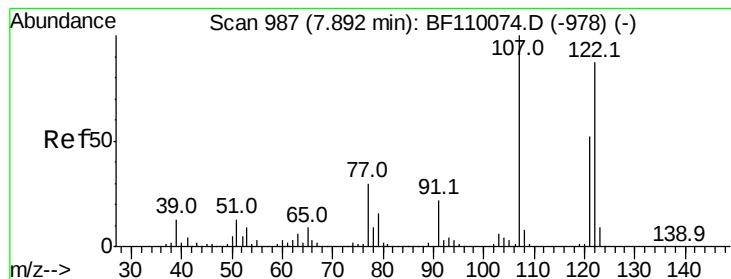


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.470 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 :

SSTDCCC040

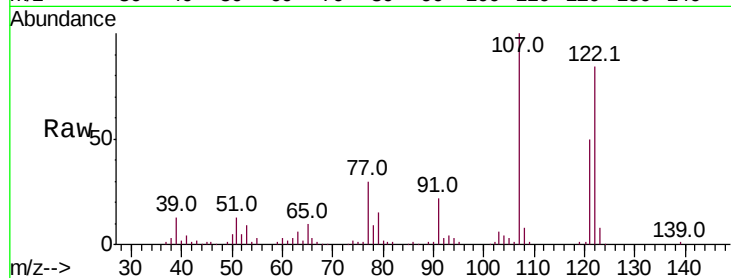
Tot Ion:122 Resp: 123154

Ion Ratio Lower Upper

122 100

107 118.9 92.5 138.7

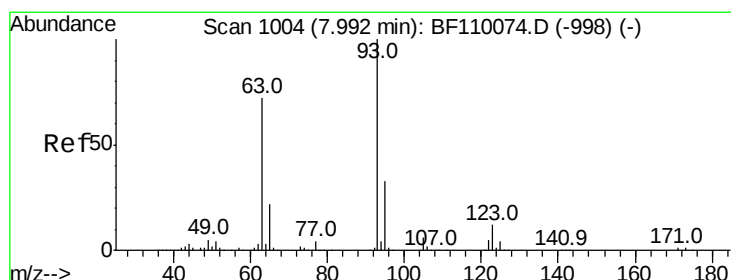
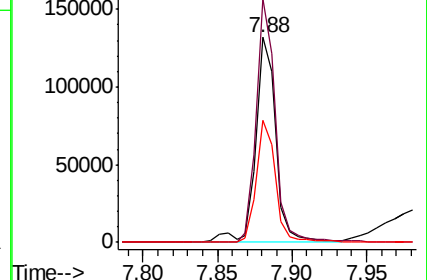
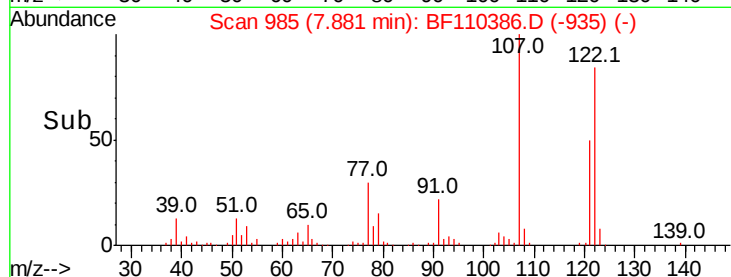
121 59.6 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.557 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

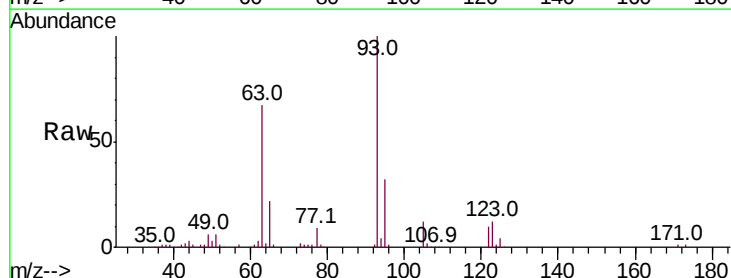
Tgt Ion: 93 Resp: 175458

Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

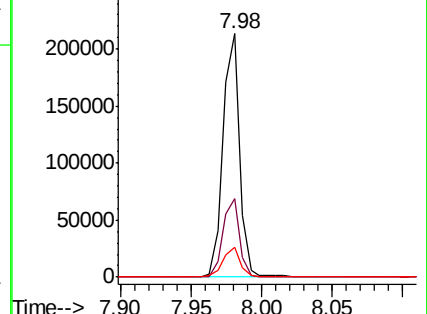
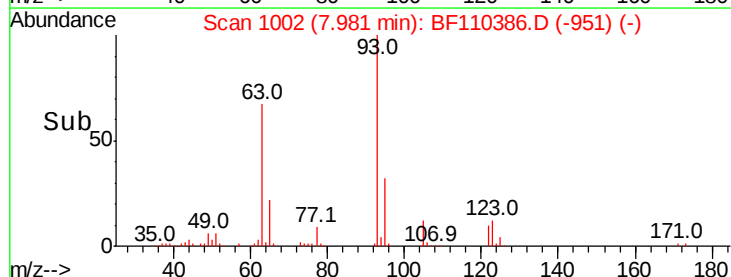
123 12.2 9.0 13.6

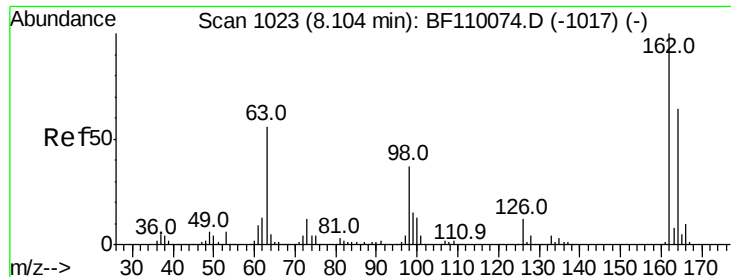


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

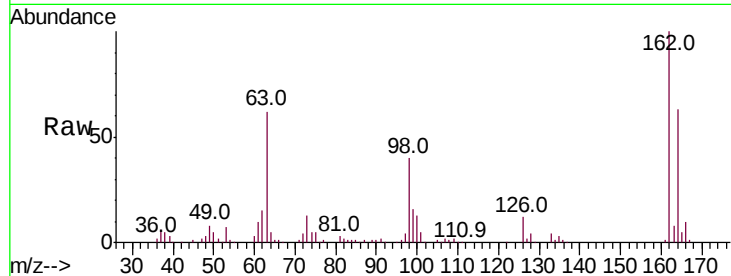




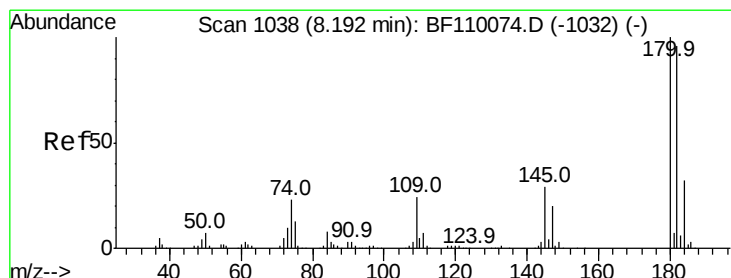
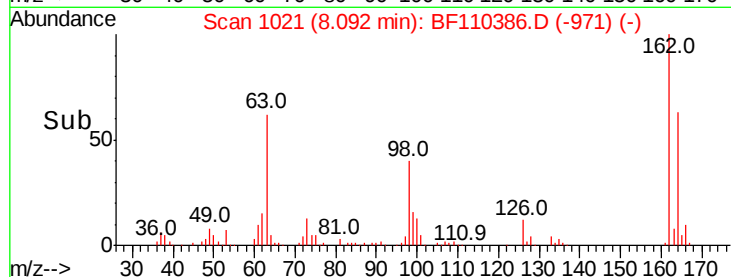
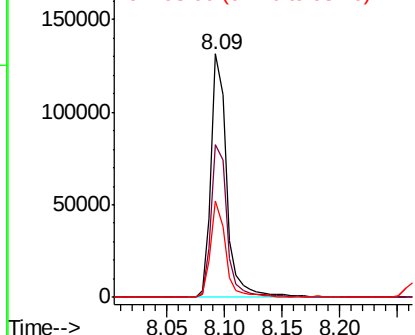
#29
 2,4-Dichlorophenol
 Concen: 40.683 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

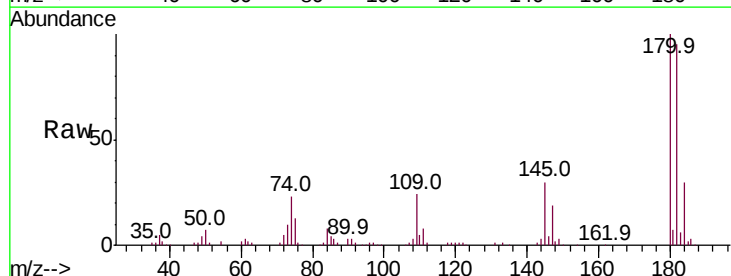


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

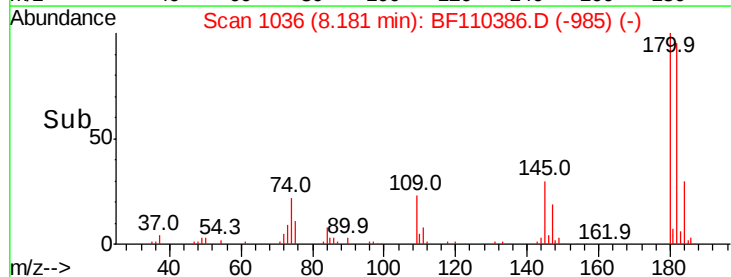
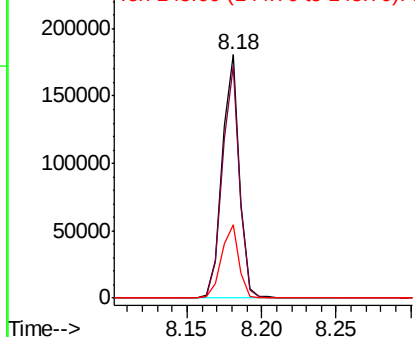


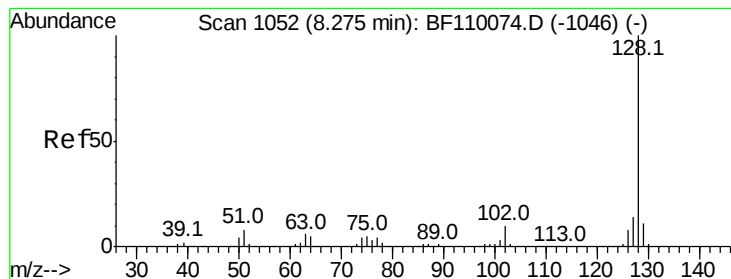
#30
 1,2,4-Trichlorobenzene
 Concen: 43.023 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

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 :

SSTDCCC040

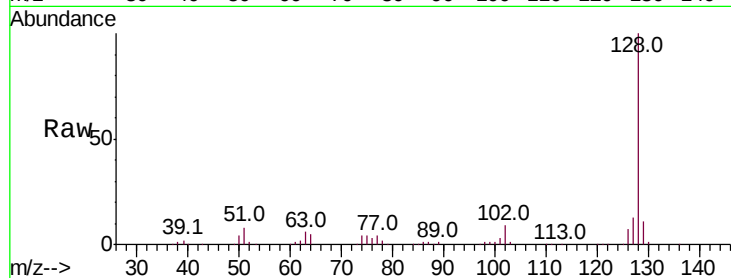
Tot Ion:128 Resp: 422757

Ion Ratio Lower Upper

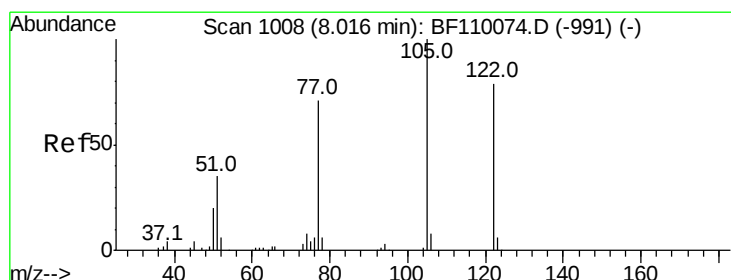
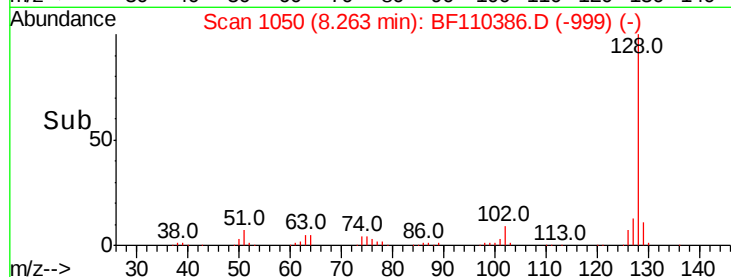
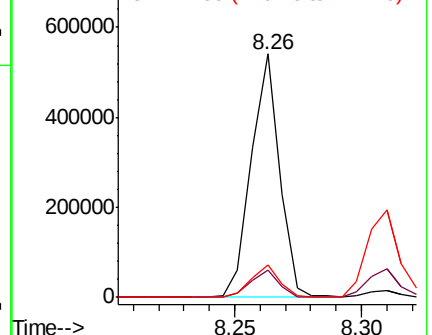
128 100

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

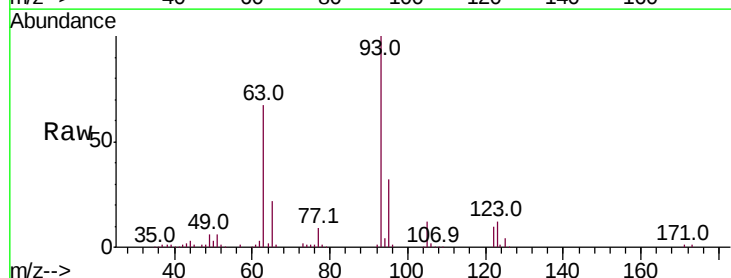
Tgt Ion:122 Resp: 53708

Ion Ratio Lower Upper

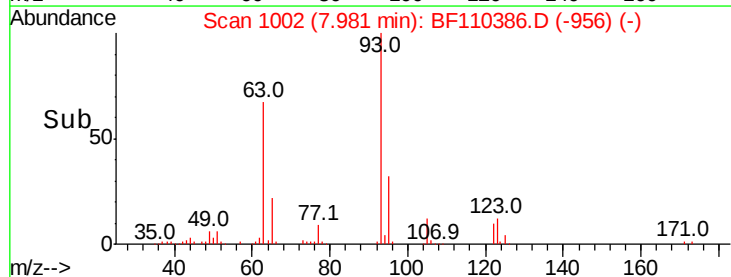
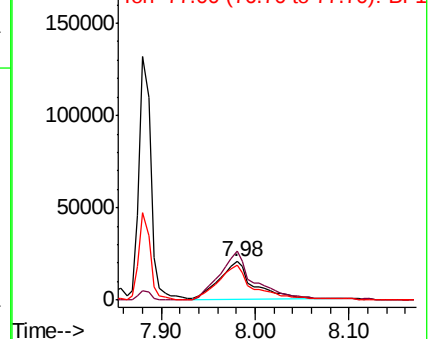
122 100

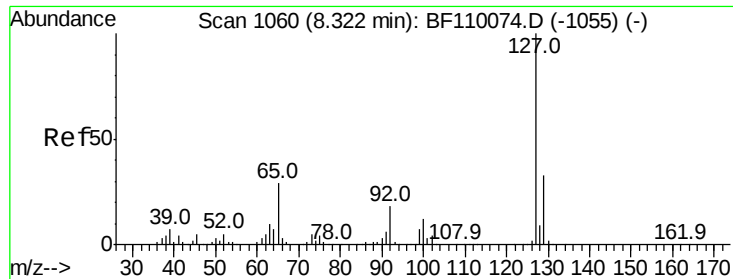
105 126.8 109.0 149.0

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

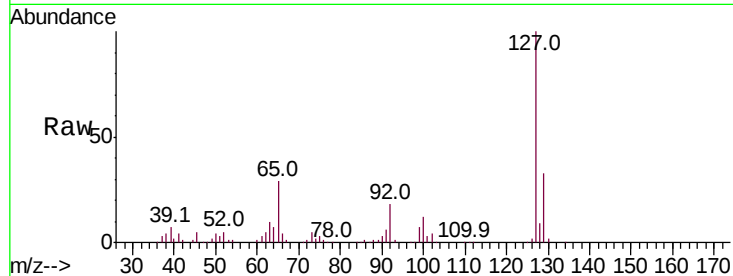




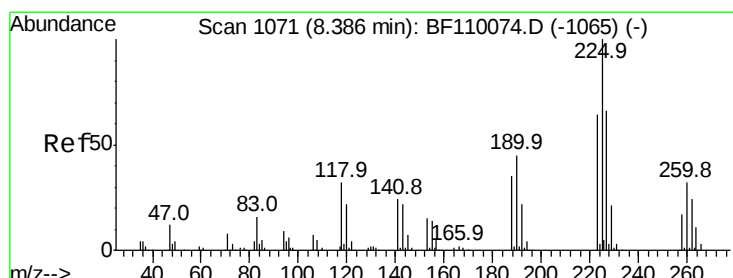
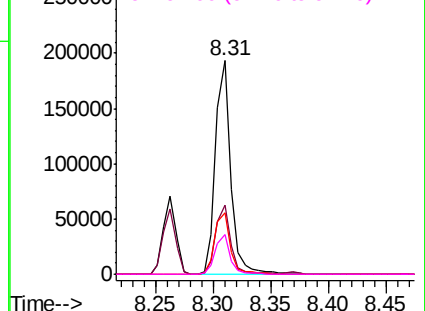
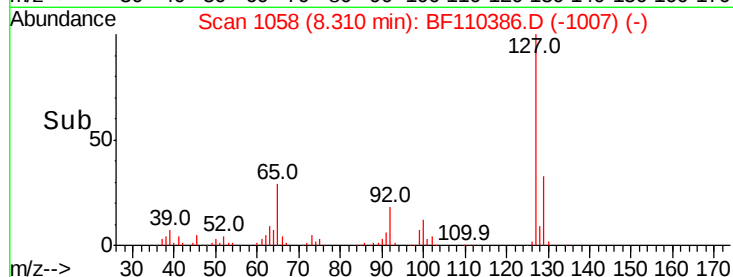
#33
4-Chloroaniline
Concen: 38.725 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

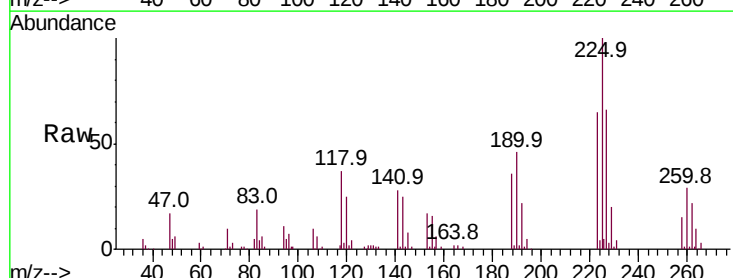


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

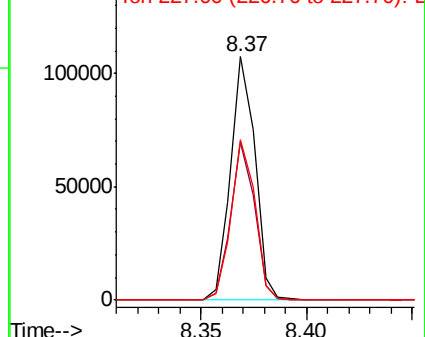
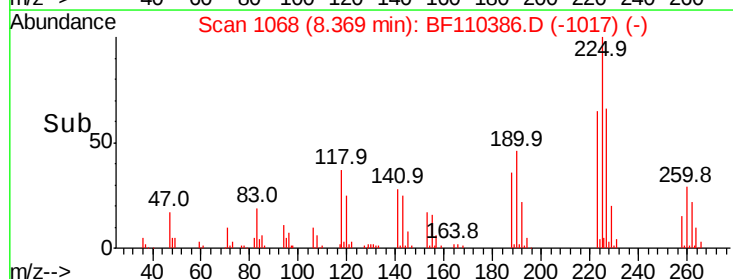


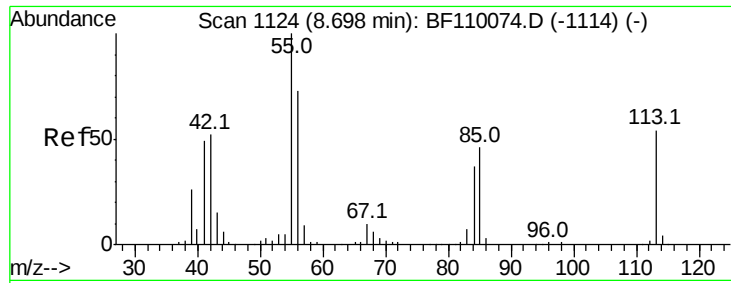
#34
Hexachlorobutadiene
Concen: 44.855 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

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



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

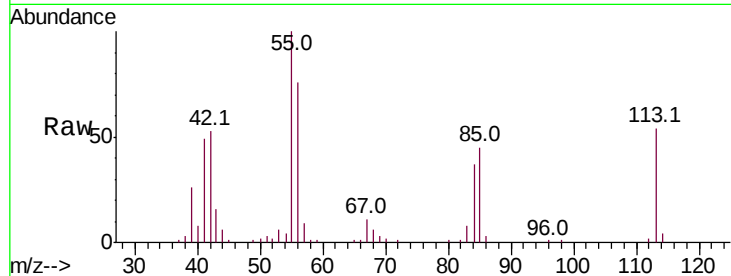




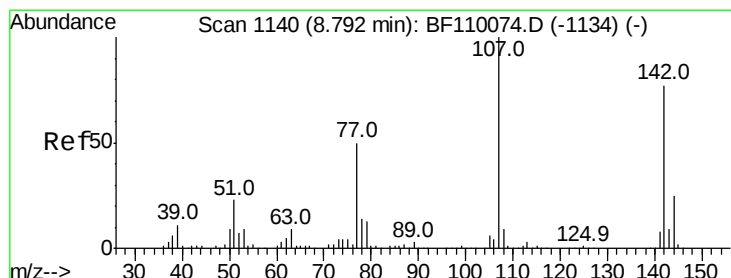
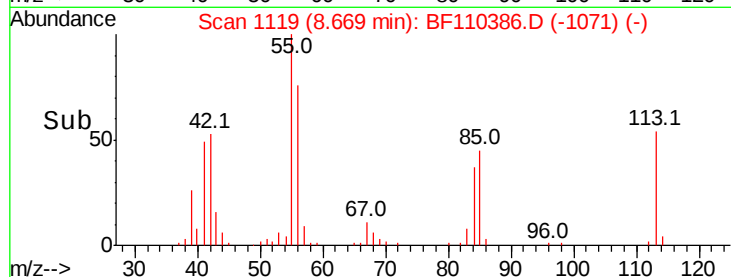
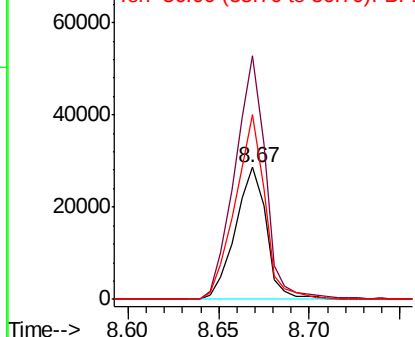
#35
 Caprolactam
 Concen: 31.794 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

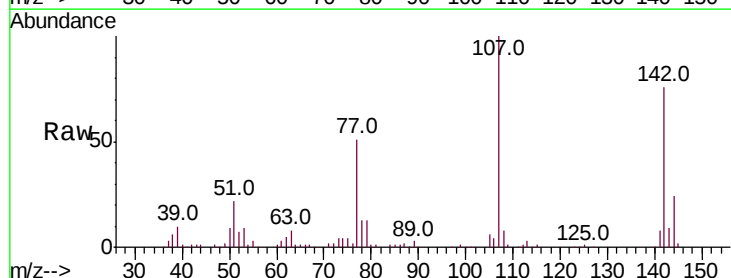


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

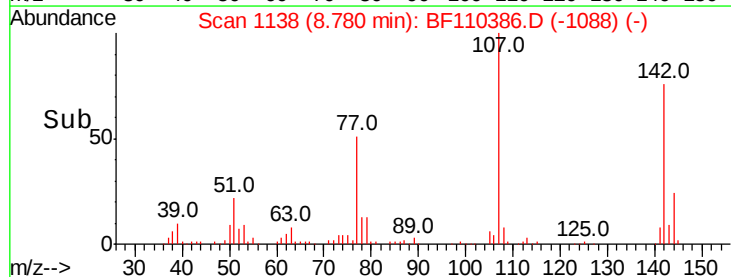
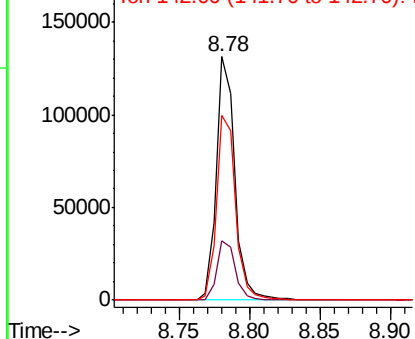


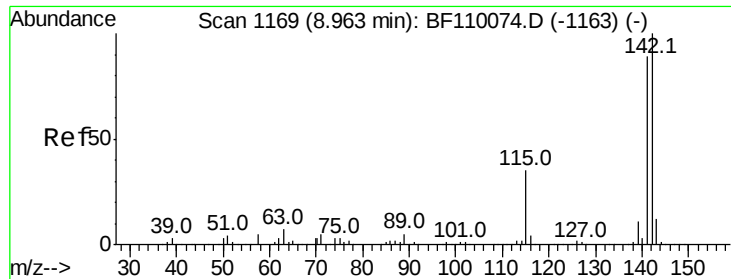
#36
 4-Chloro-3-methylphenol
 Concen: 36.030 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

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

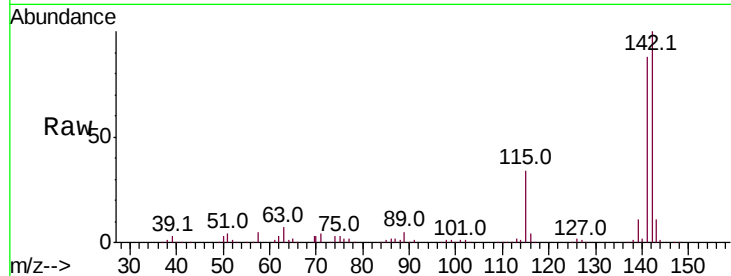




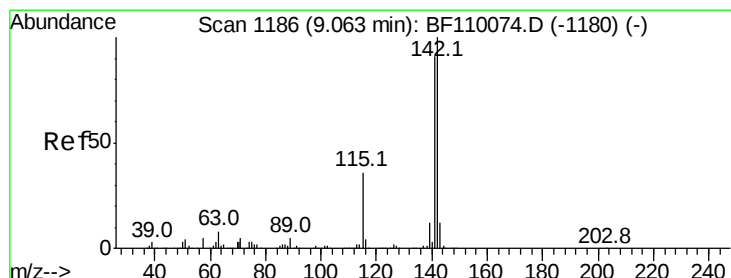
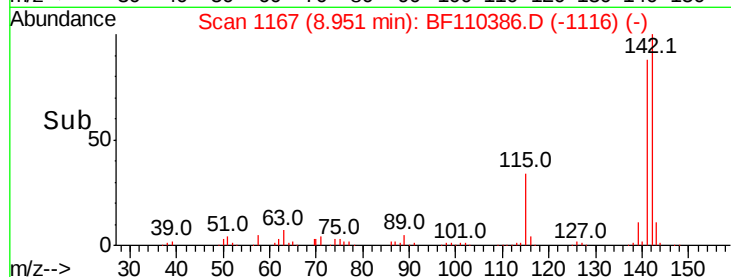
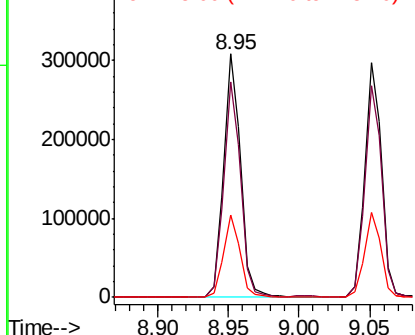
#37
2-Methylnaphthalene
Concen: 38.025 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

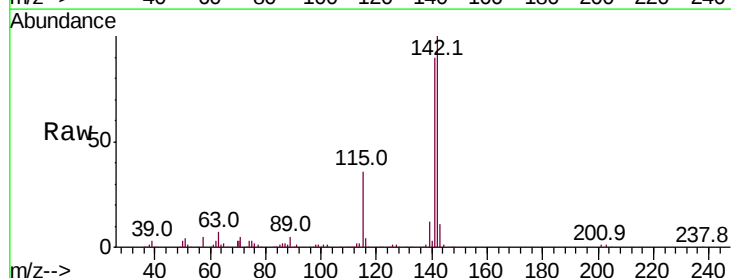


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

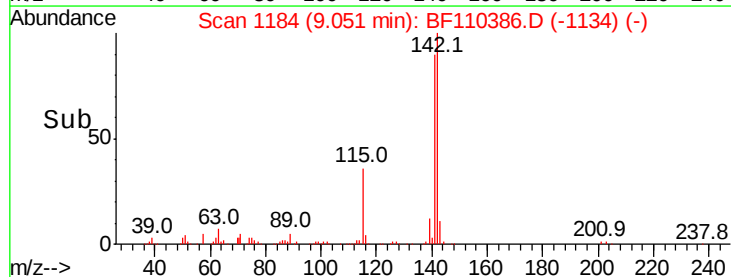
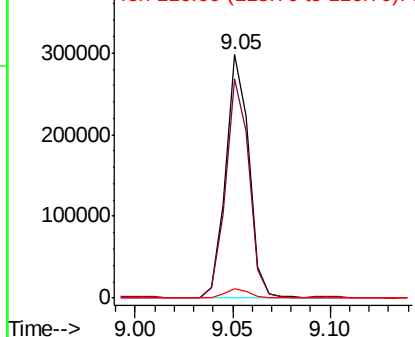


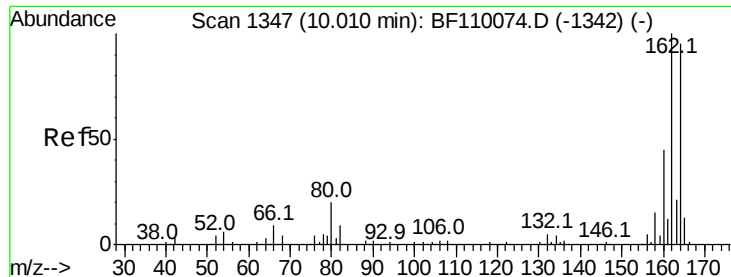
#38
1-Methylnaphthalene
Concen: 37.701 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

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

ClientSampleId :

SSTDCCC040

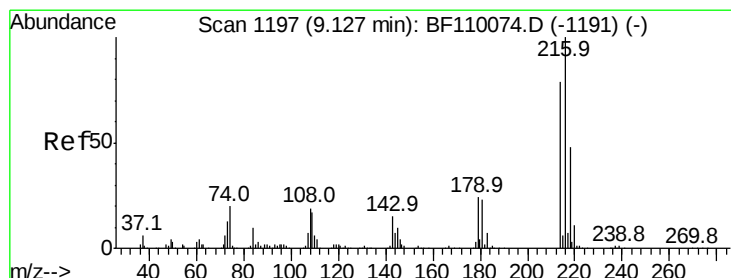
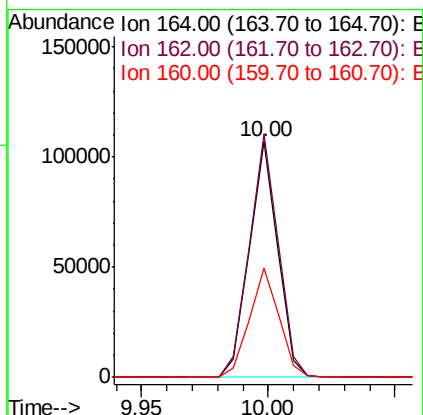
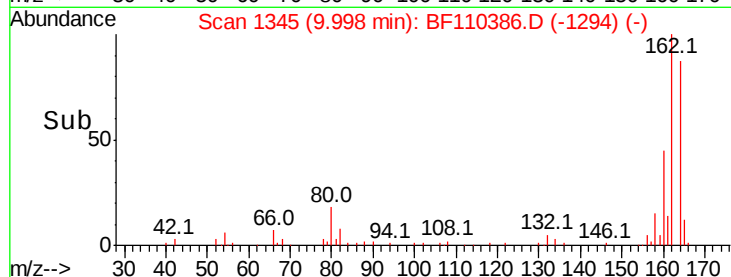
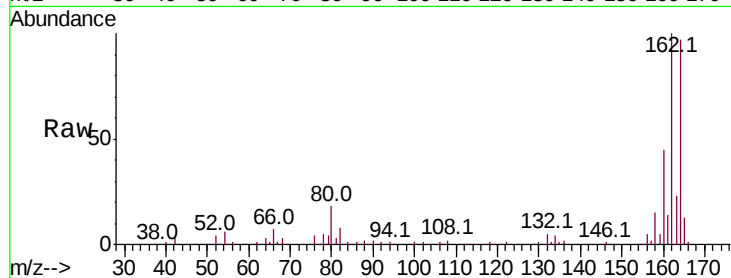
Tot Ion:164 Resp: 83656

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.6

160 46.3 37.0 55.6



#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

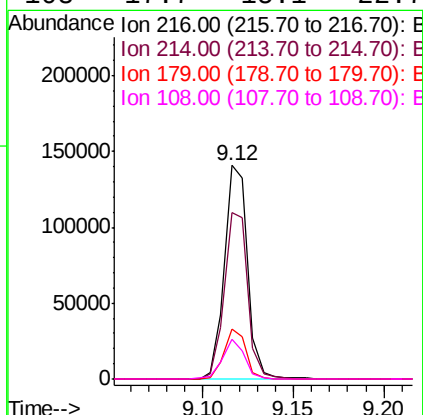
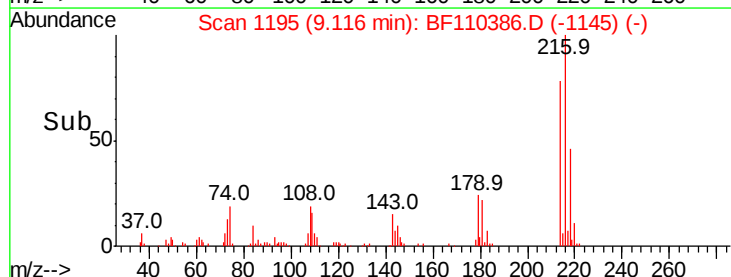
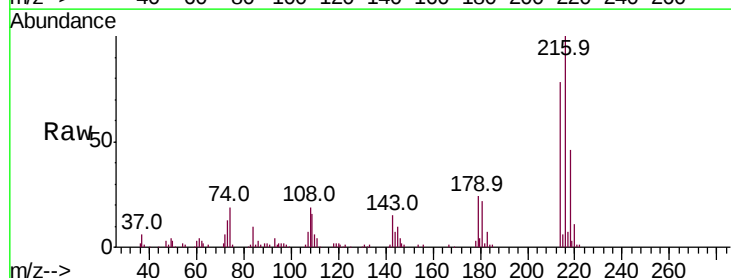
Ion Ratio Lower Upper

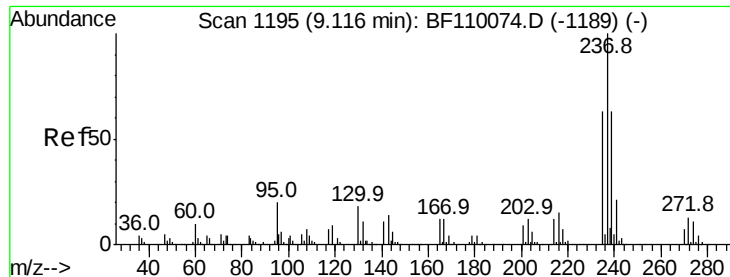
216 100

214 79.0 63.8 95.6

179 22.5 16.6 25.0

108 17.7 15.1 22.7





#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 :

SSTDCCC040

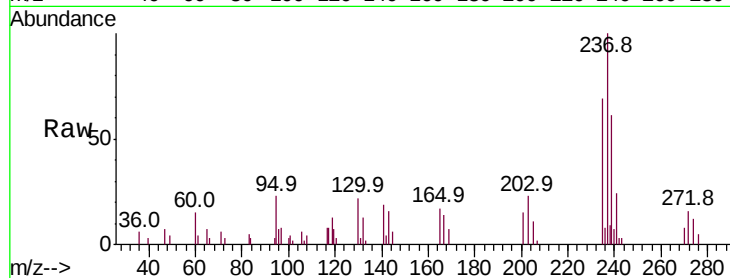
Tot Ion:237 Resp: 10649

Ion Ratio Lower Upper

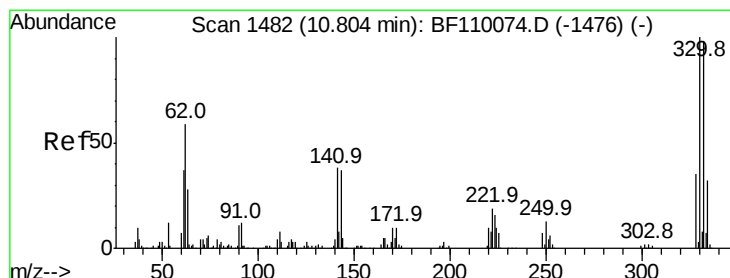
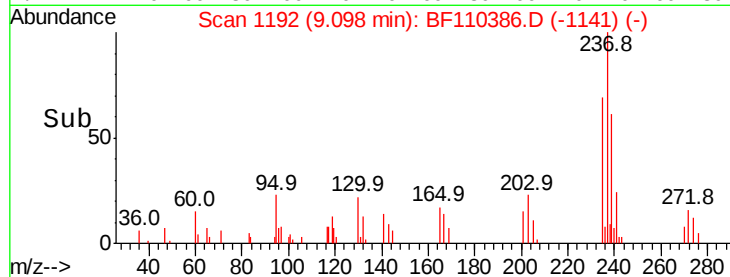
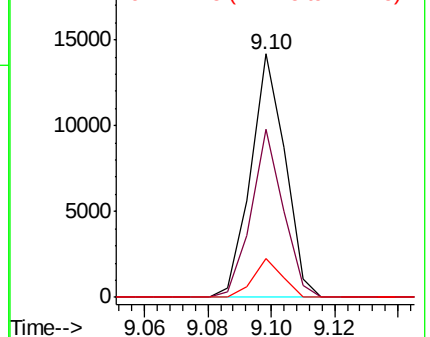
237 100

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

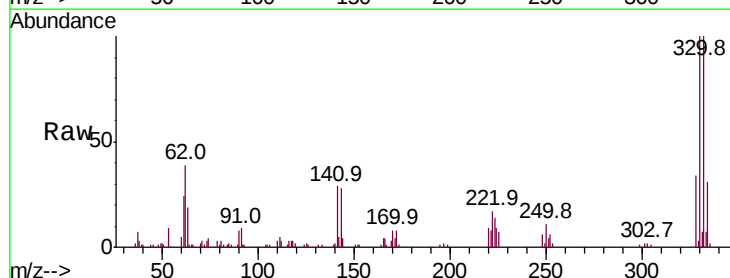
Tgt Ion:330 Resp: 63811

Ion Ratio Lower Upper

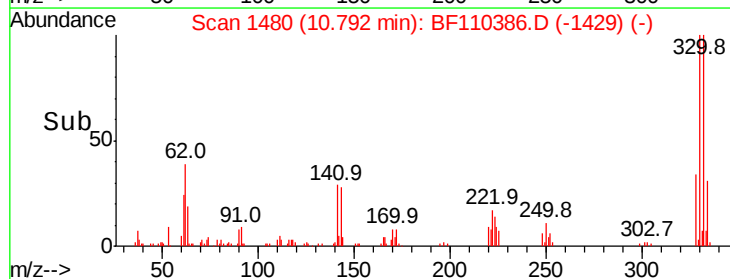
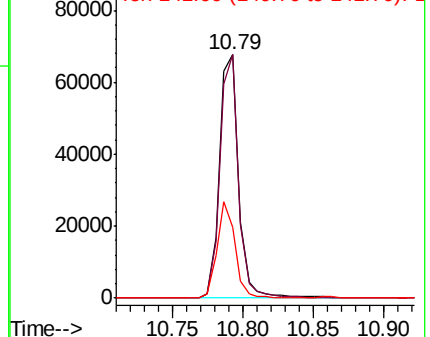
330 100

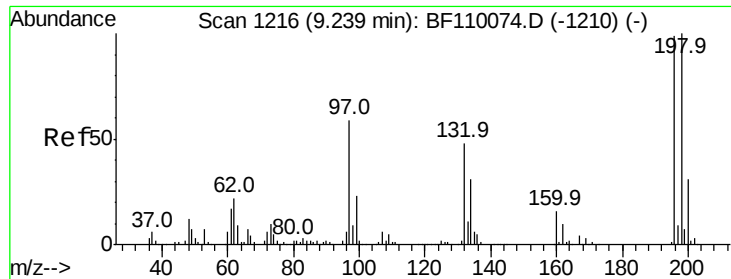
332 96.4 77.1 115.7

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

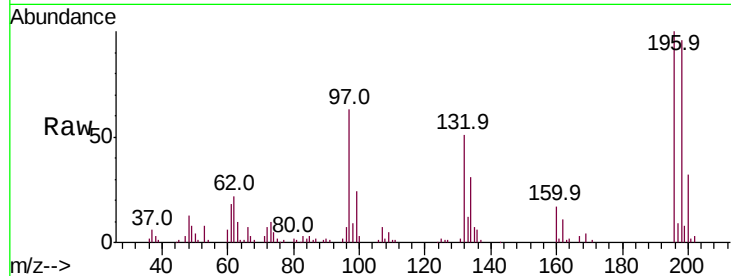




#43
 2,4,6-Trichlorophenol
 Concen: 44.992 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	75640
Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.4
200	32.2	24.4	36.6

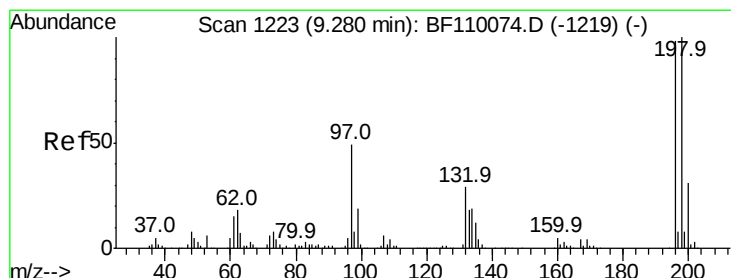
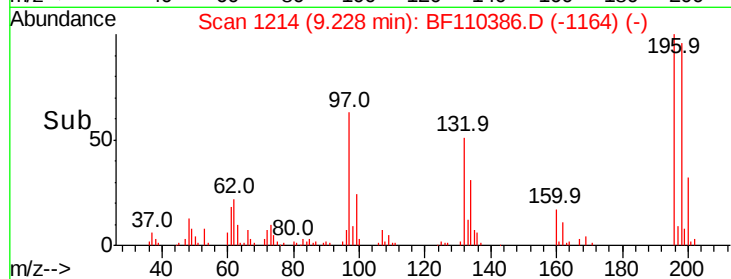
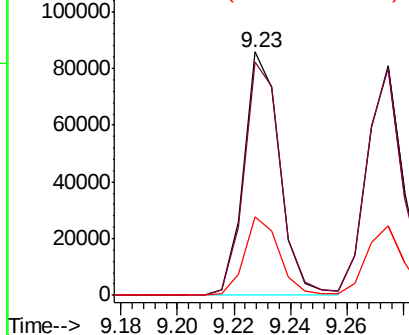


Abundance

Ion 196.00 (195.70 to 196.70): E

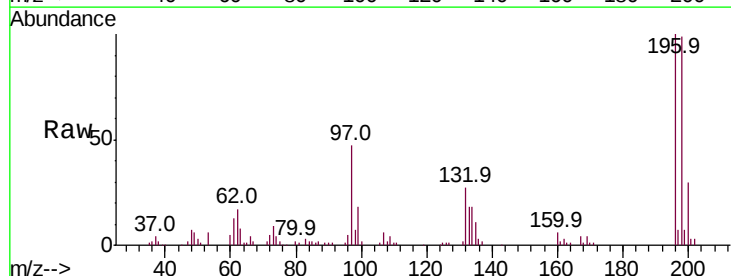
Ion 198.00 (197.70 to 198.70): E

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:	196	Resp:	75727
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



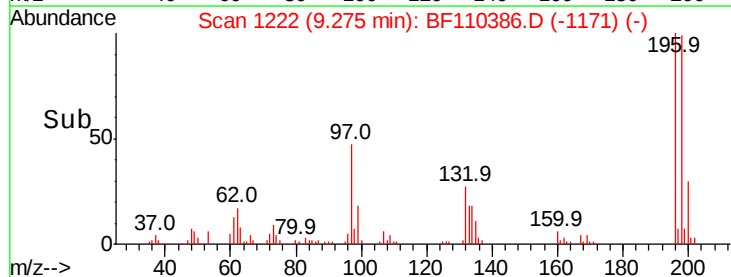
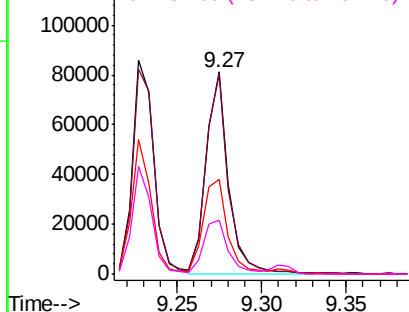
Abundance

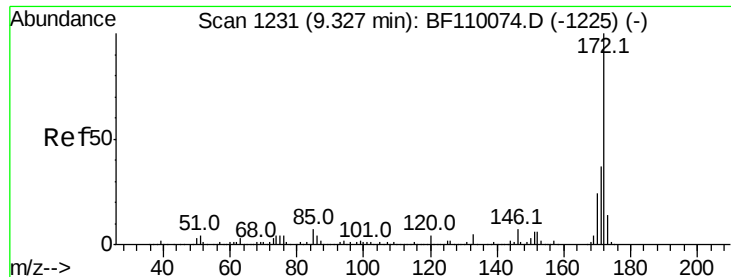
Ion 196.00 (195.70 to 196.70): E

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 :

SSTDCCC040

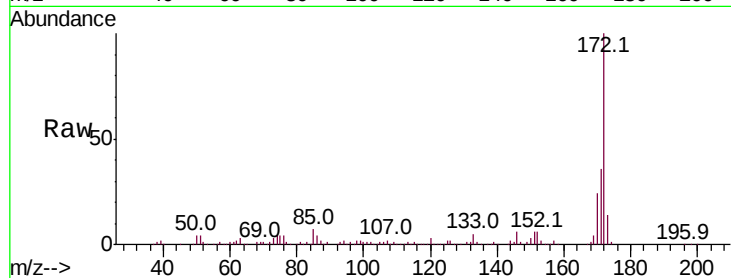
Tot Ion:172 Resp: 545165

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

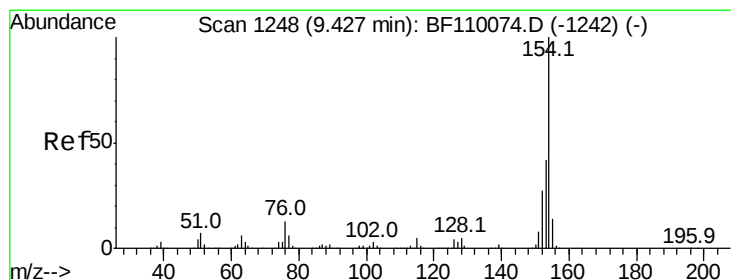
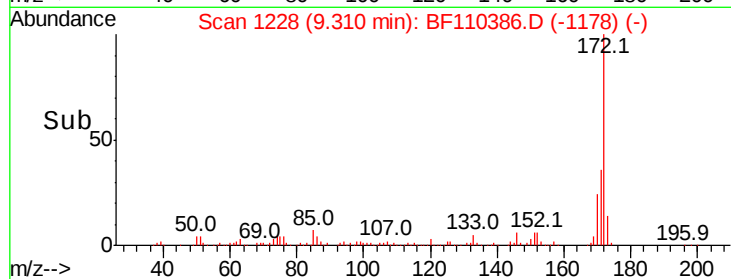
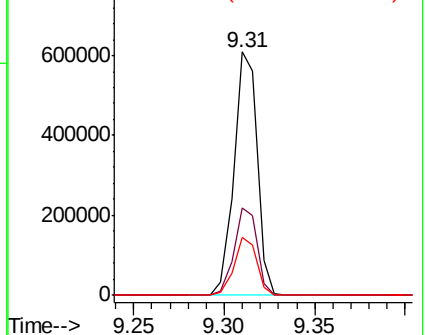
170 23.7 19.7 29.5



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

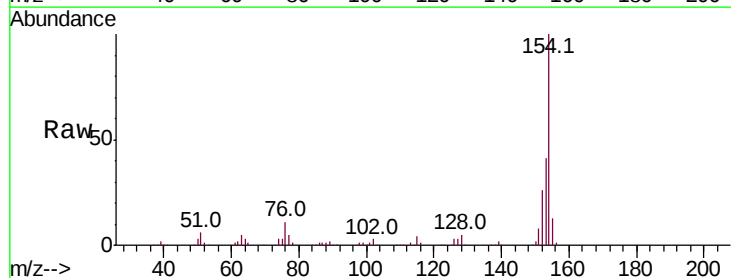
Tgt Ion:154 Resp: 352658

Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

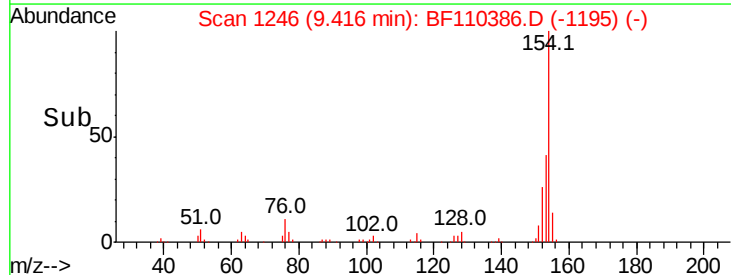
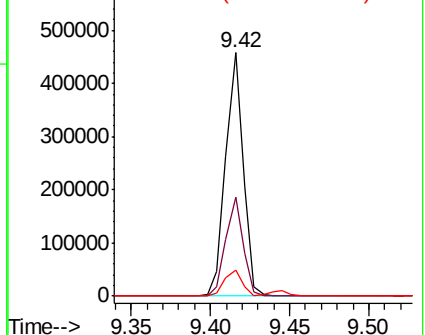
76 10.7 0.0 31.9

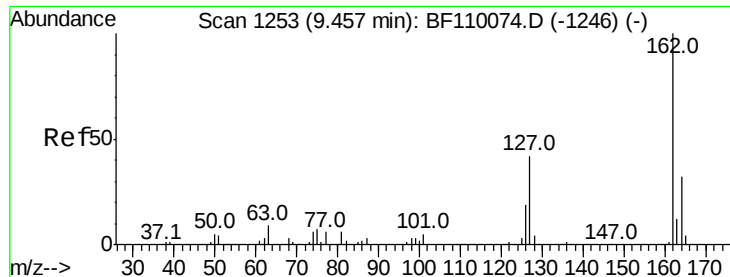


Abundance Ion 154.00 (153.70 to 154.70): E

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

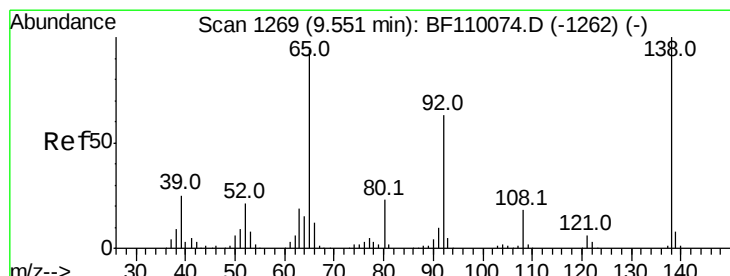
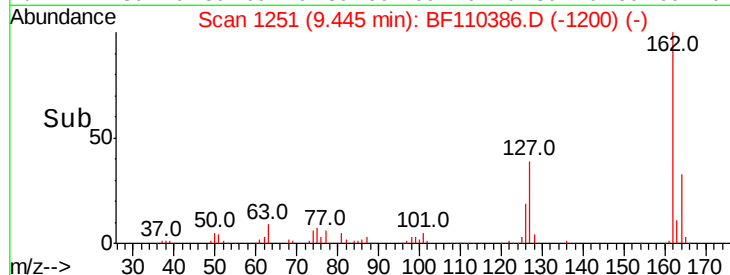
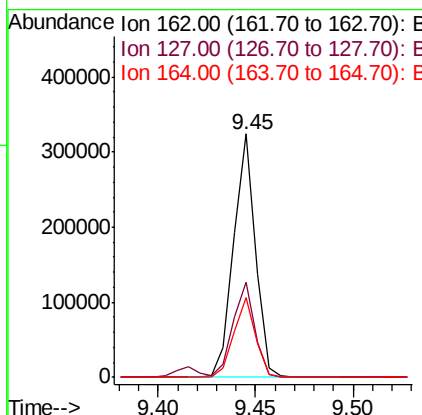
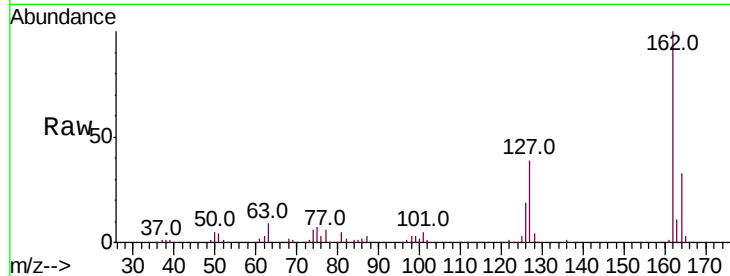
Lab File: BF110386.D

Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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



#48

2-Nitroaniline

Concen: 42.317 ng

RT: 9.54 min Scan# 1267

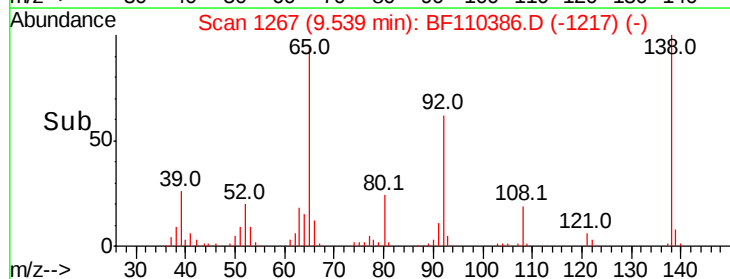
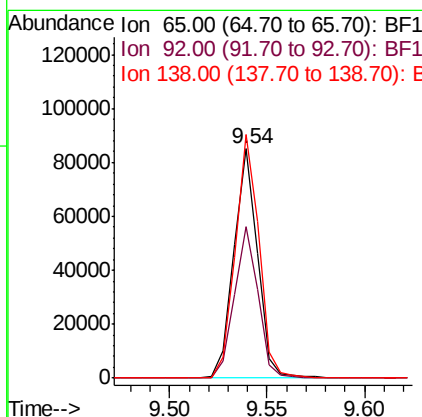
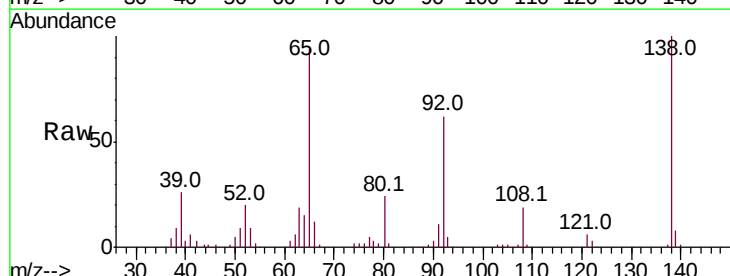
Delta R.T. -0.01 min

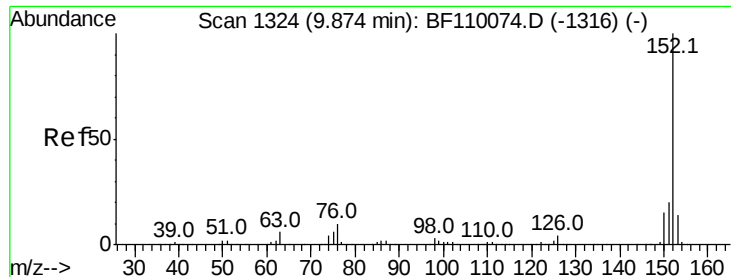
Lab File: BF110386.D

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





#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

ClientSampleId :

SSTDCCC040

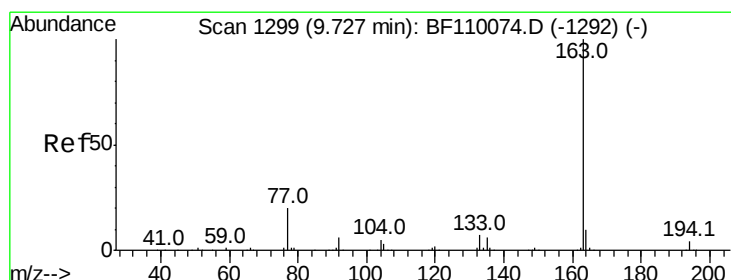
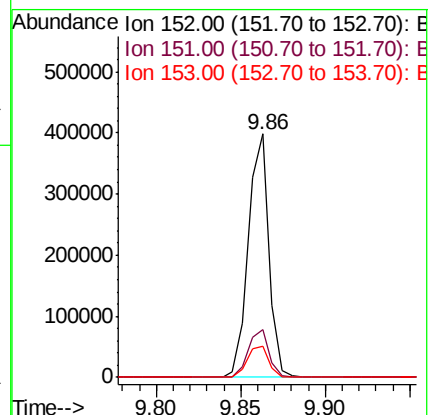
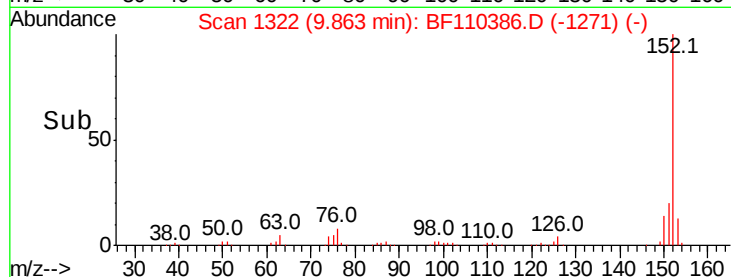
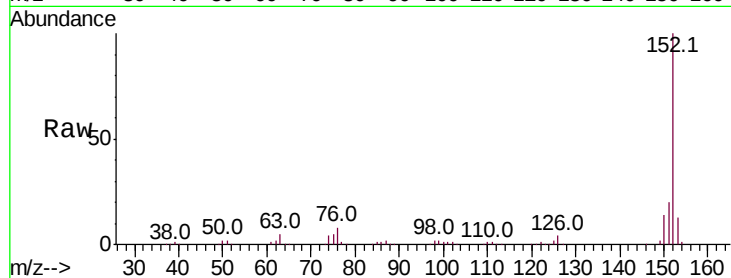
Tot Ion:152 Resp: 338647

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

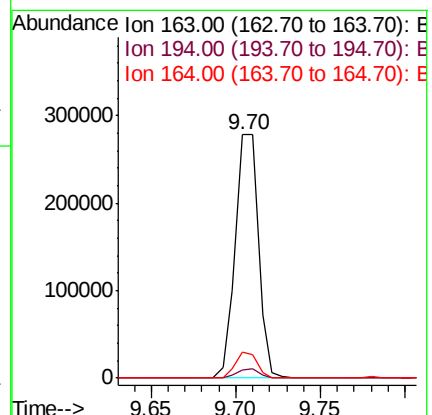
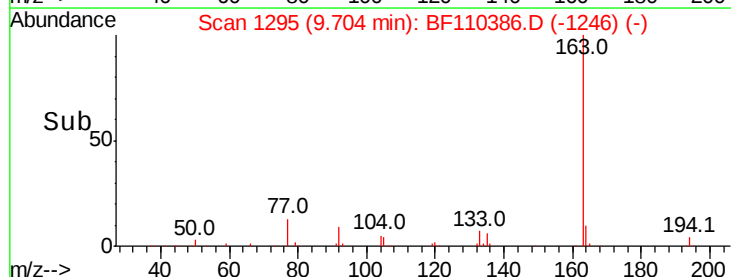
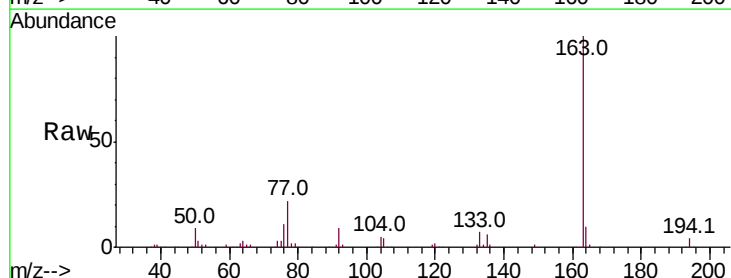
Tgt Ion:163 Resp: 264664

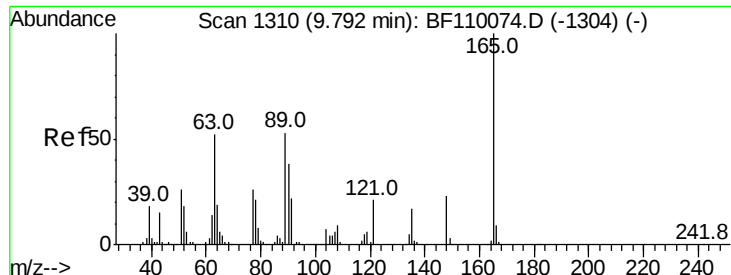
Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

164 10.4 8.1 12.1

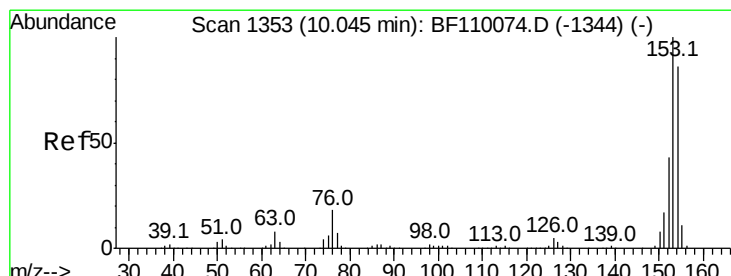
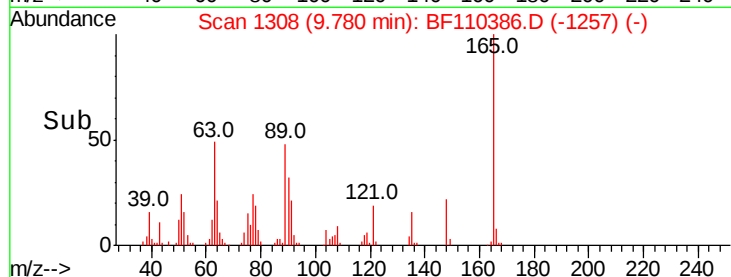
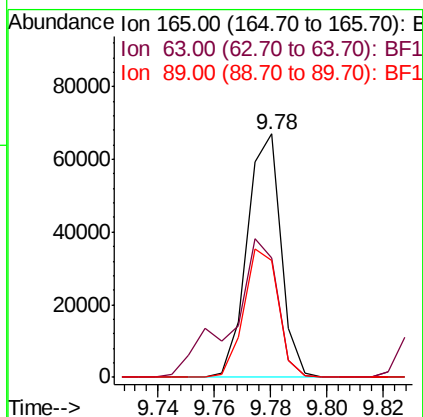
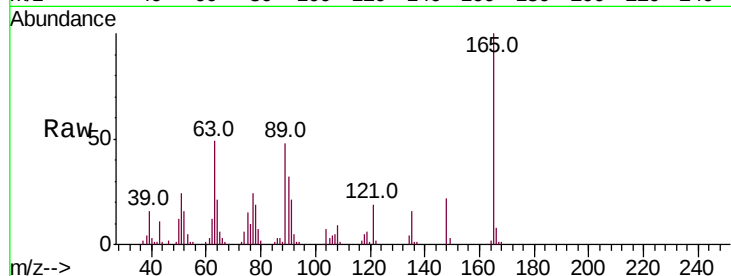




#51
2,6-Dinitrotoluene
Concen: 41.718 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

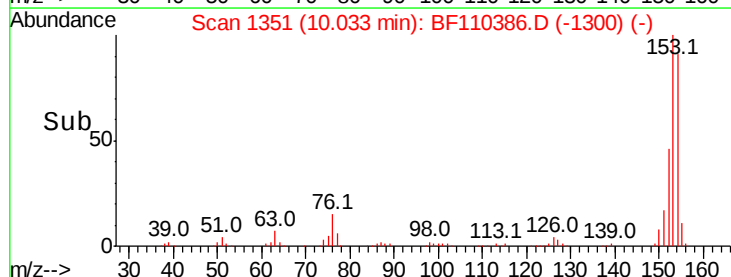
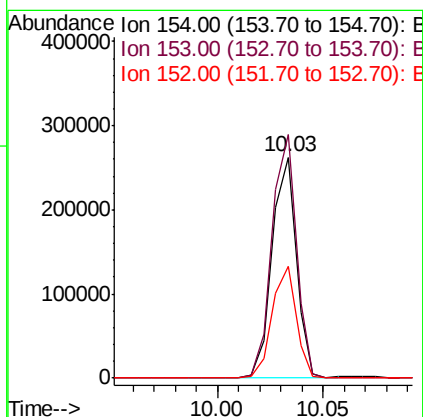
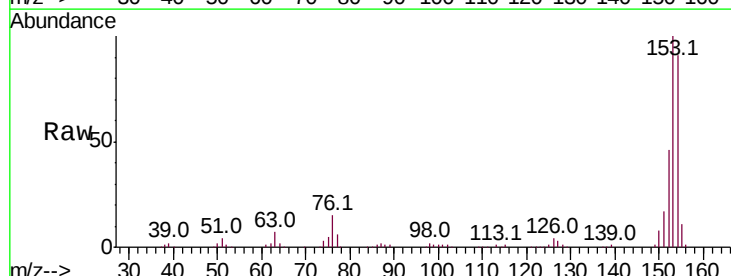
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

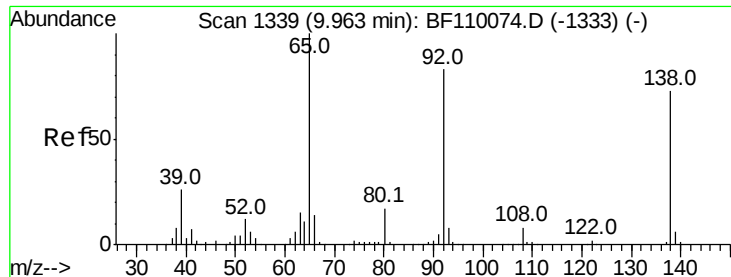
Tot Ion:165 Resp: 55493
Ion Ratio Lower Upper
165 100
63 49.1 48.9 73.3
89 47.8 46.6 69.8



#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

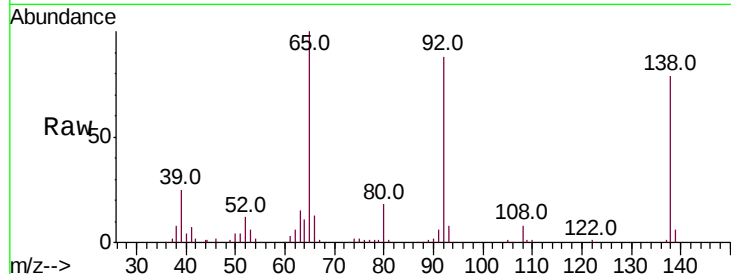




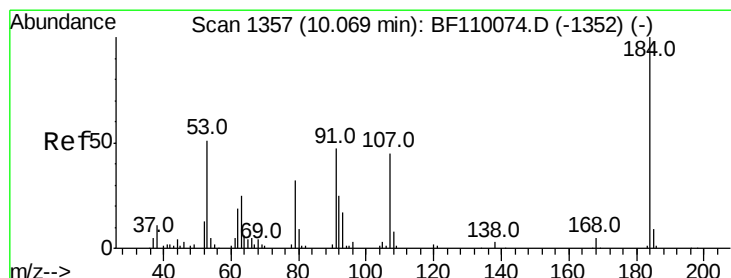
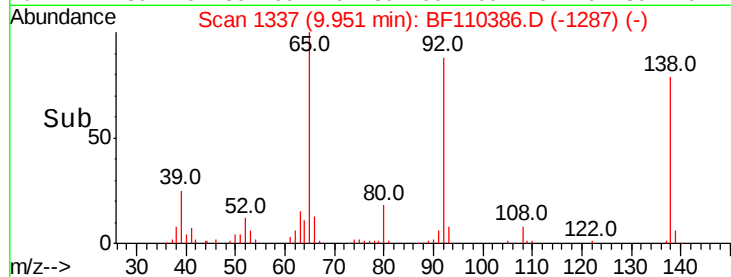
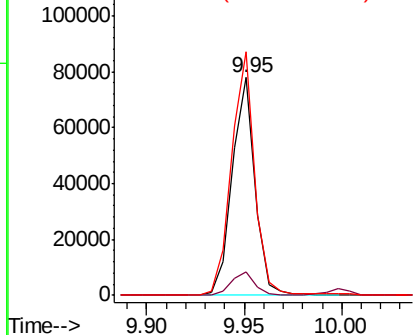
#53
3-Nitroaniline
Concen: 39.878 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

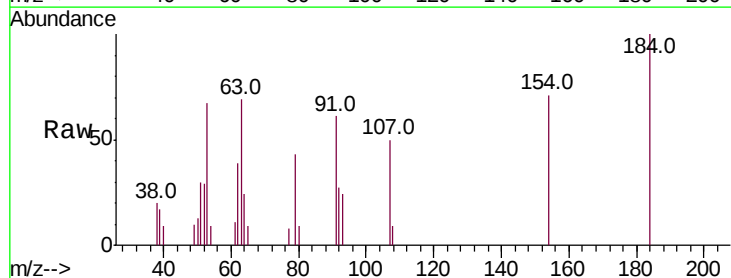


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

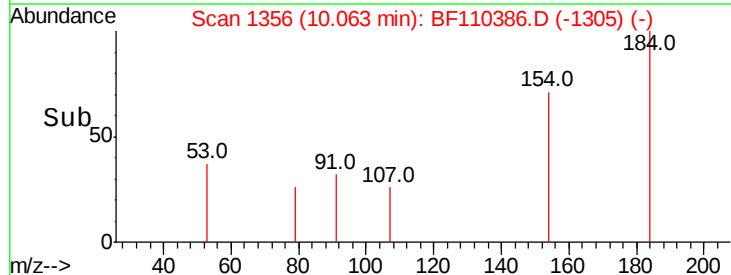
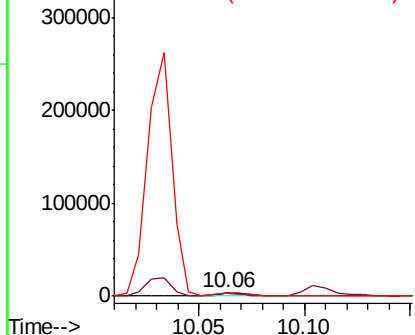


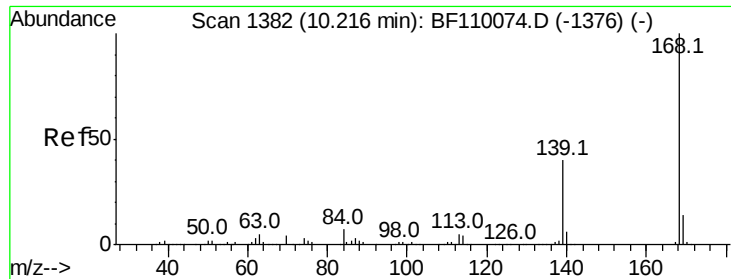
#54
2,4-Dinitrophenol
Concen: 13.146 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

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

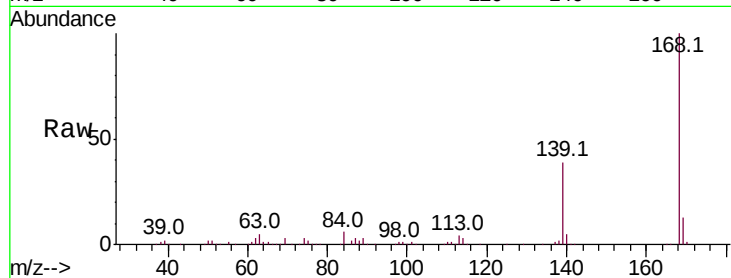




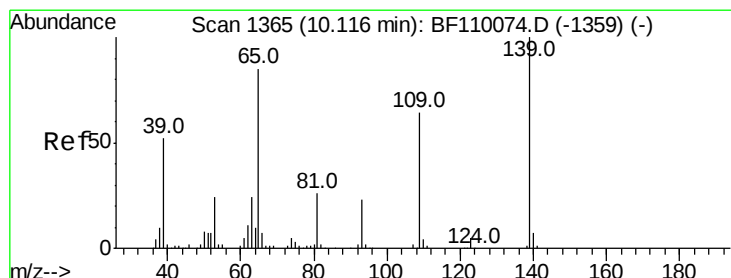
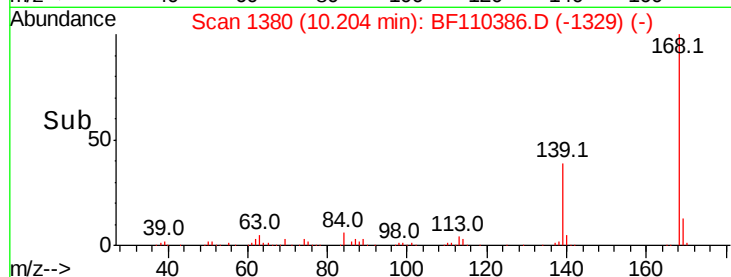
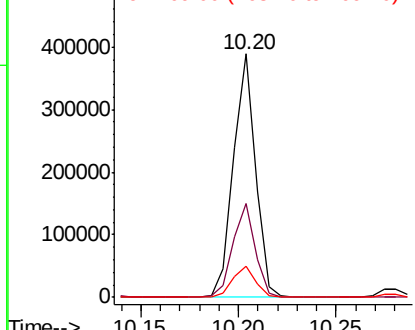
#55
Dibenzofuran
Concen: 41.305 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

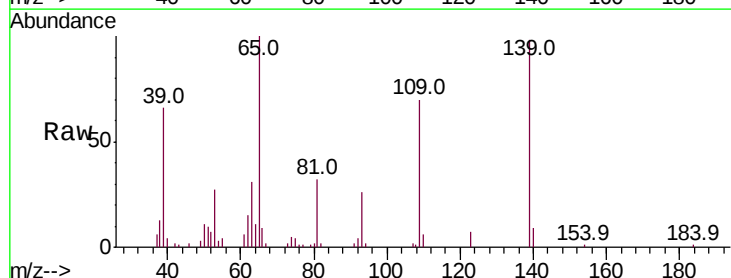


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

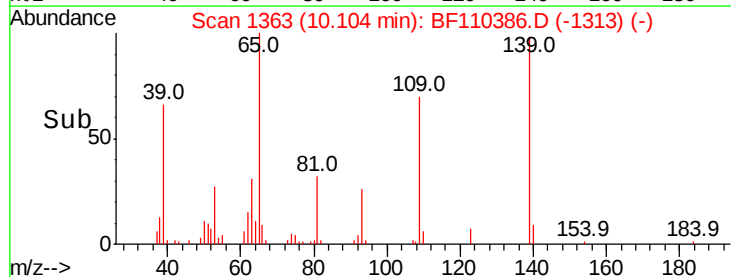
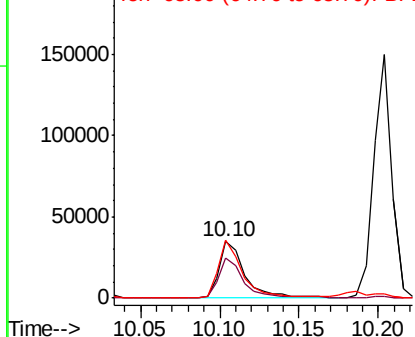


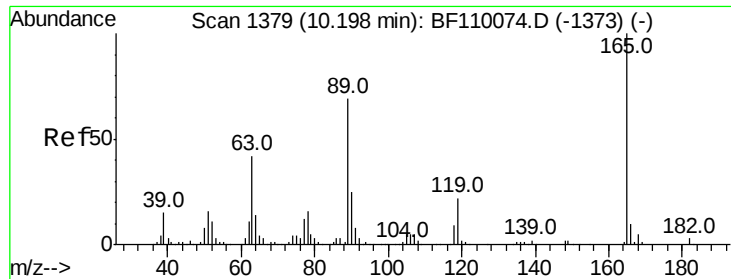
#56
4-Nitrophenol
Concen: 33.702 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

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



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

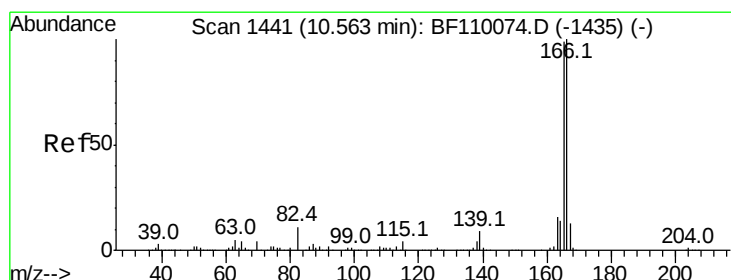
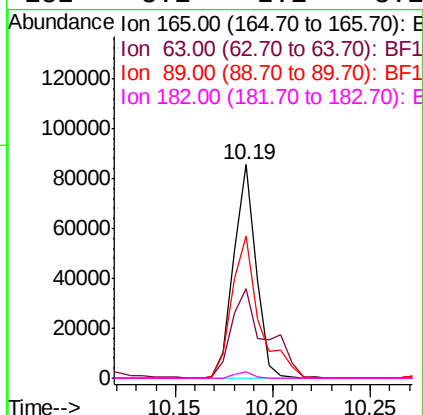
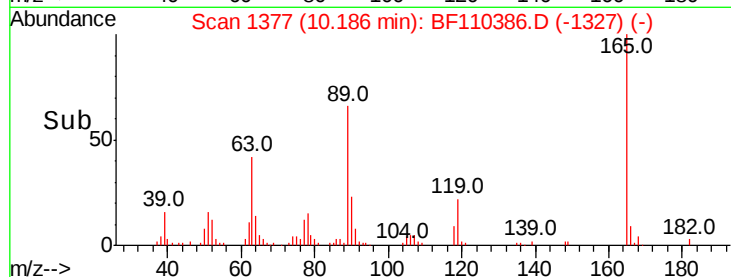
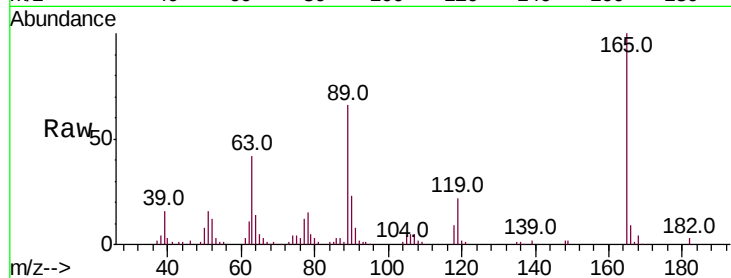




#57
2,4-Dinitrotoluene
Concen: 40.549 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

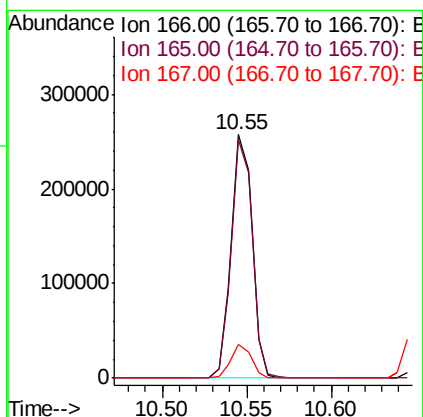
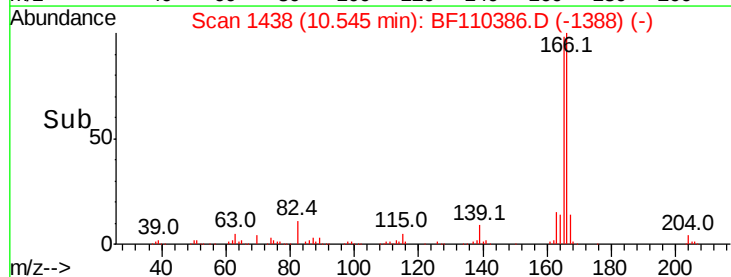
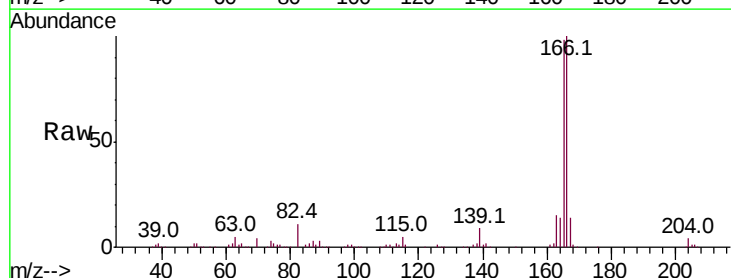
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

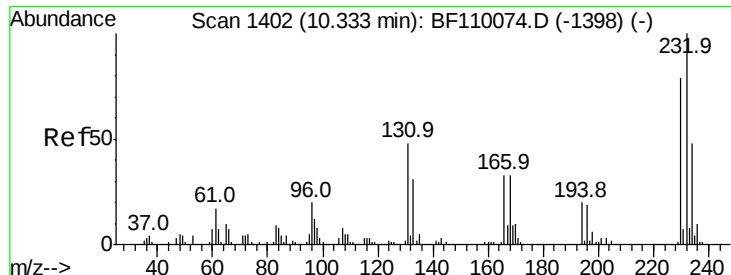
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	44.8	67.2#
89	66.4	62.2	93.4
182	3.1	2.1	3.1



#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

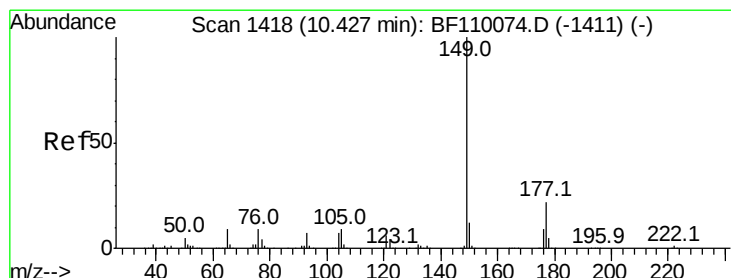
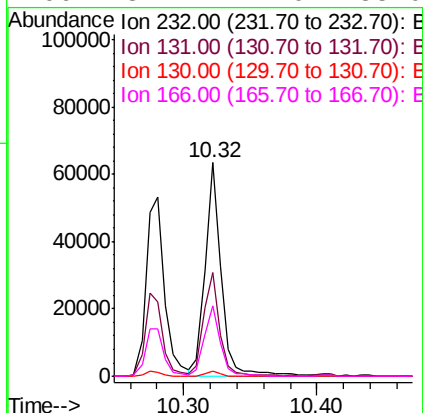
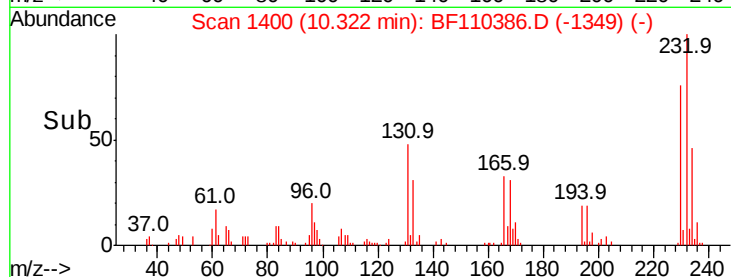
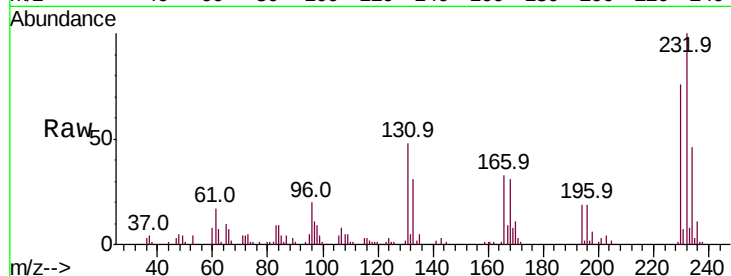




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.330 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

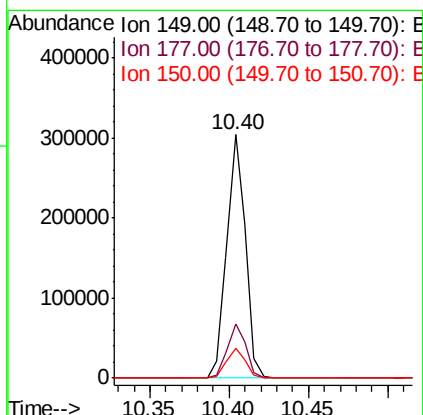
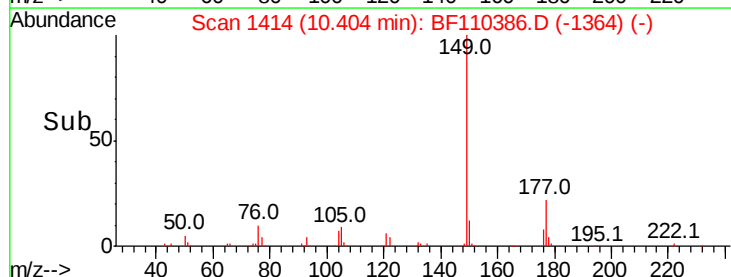
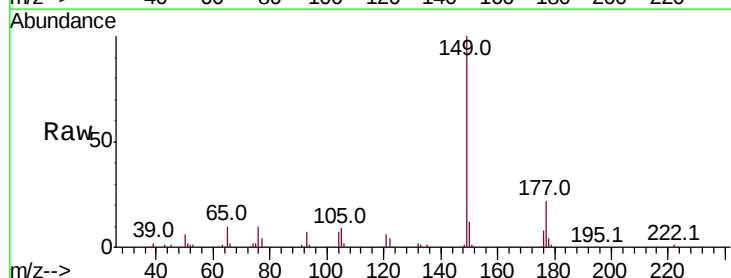
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

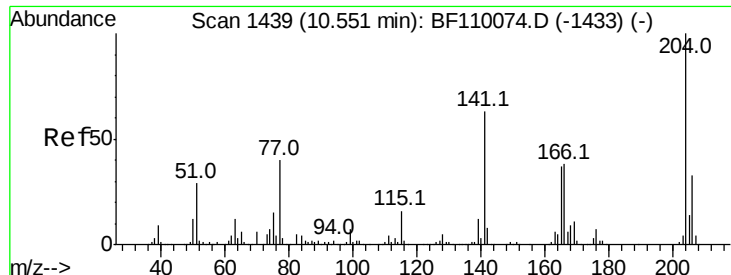
Tot Ion:232 Resp: 54072
 Ion Ratio Lower Upper
 232 100
 131 47.8 37.0 55.4
 130 2.0 1.8 2.6
 166 32.4 22.0 33.0



#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

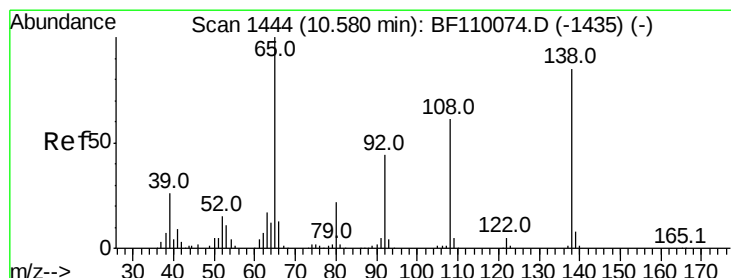
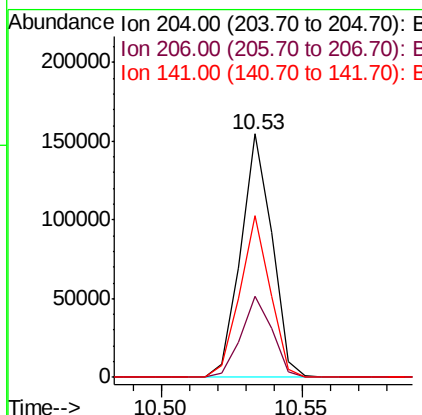
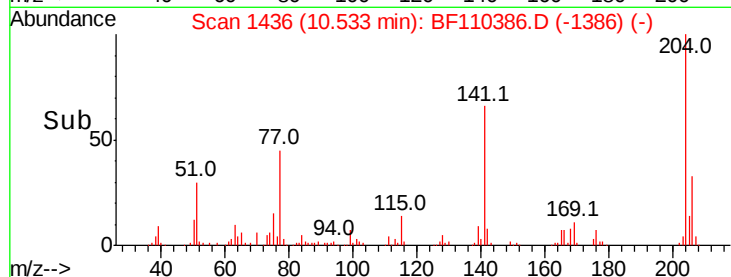
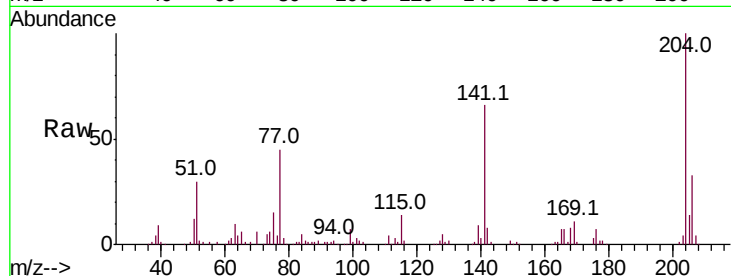




#61
4-Chlorophenyl-phenylether
Concen: 40.657 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

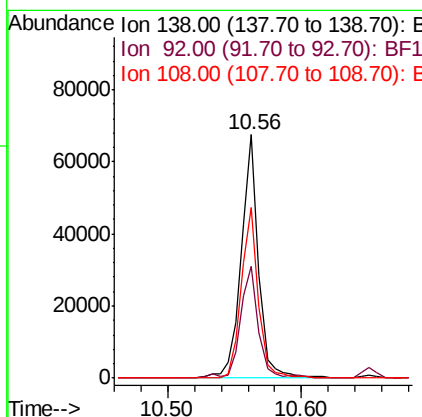
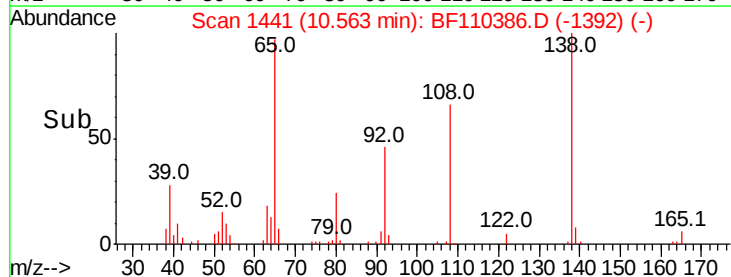
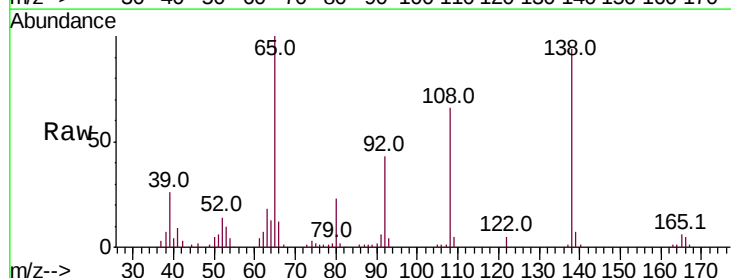
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

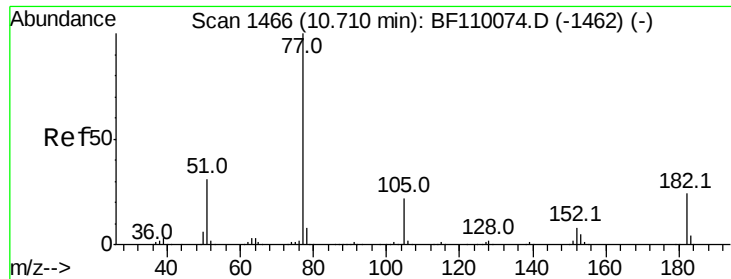
Tot Ion:204 Resp: 118499
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 66.5 51.8 77.8



#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

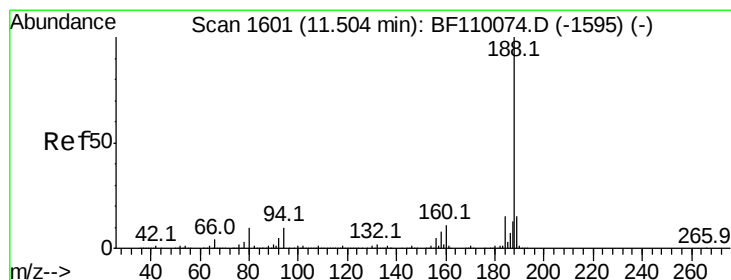
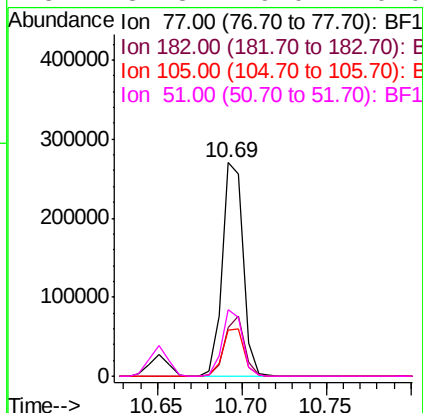
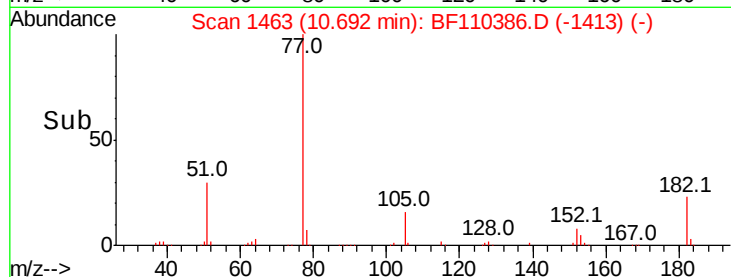
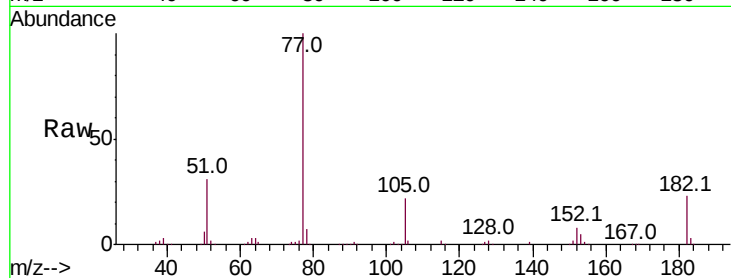




#63
Azobenzene
Concen: 38.870 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

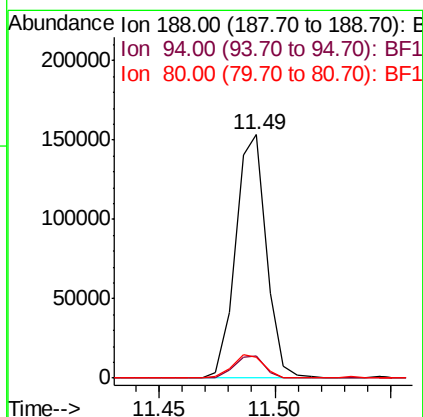
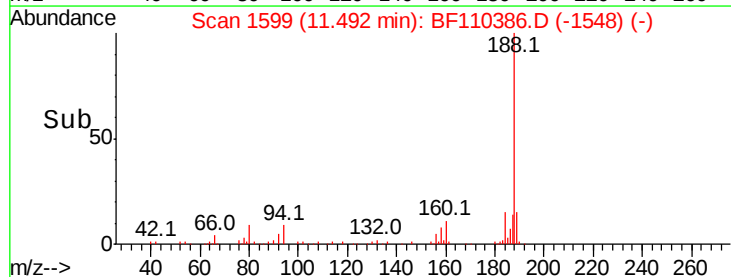
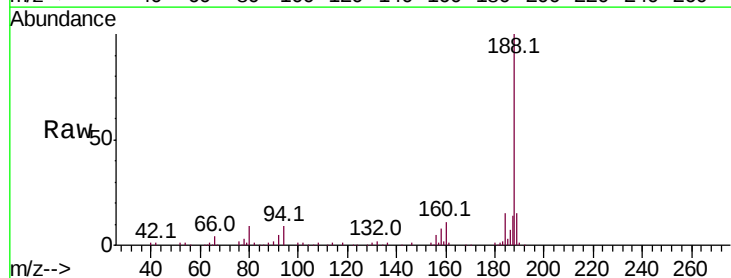
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

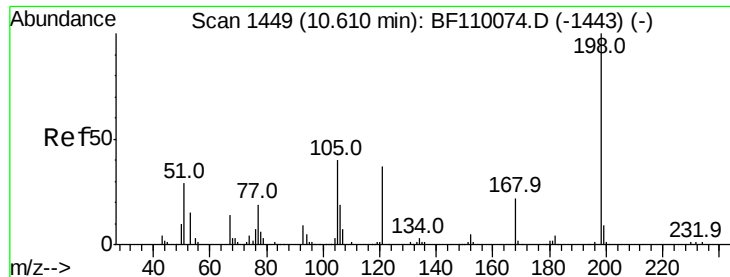
Tot Ion:	77	Resp:	232579
Ion	Ratio	Lower	Upper
77	100		
182	22.5	4.3	44.3
105	21.7	1.3	41.3
51	31.3	9.0	49.0



#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

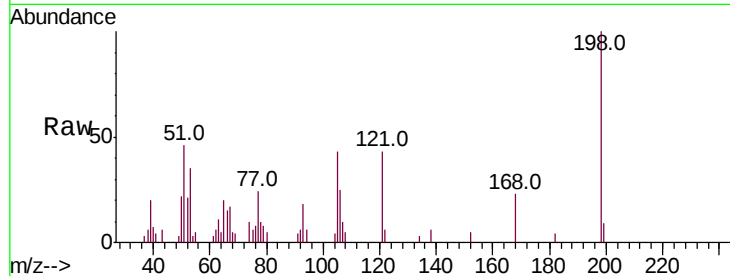




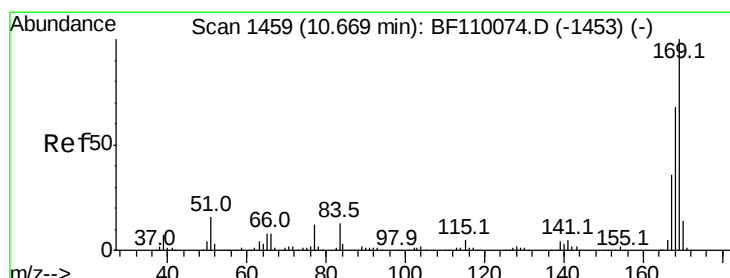
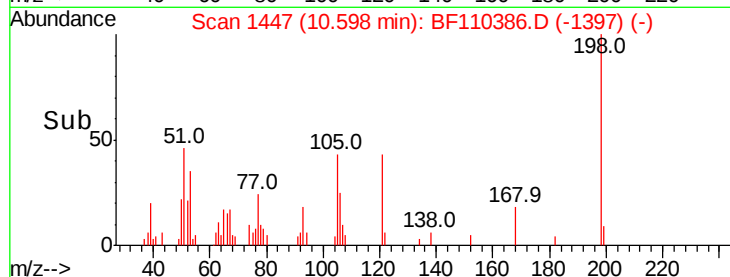
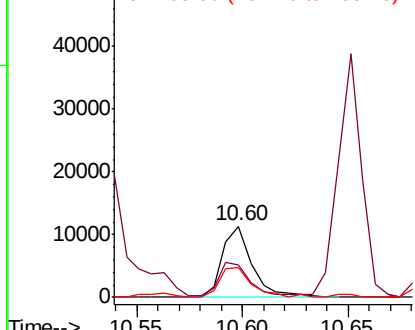
#65
4,6-Dinitro-2-methylphenol
Concen: 16.968 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

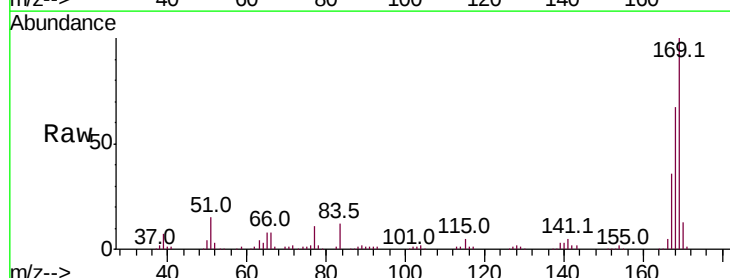


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

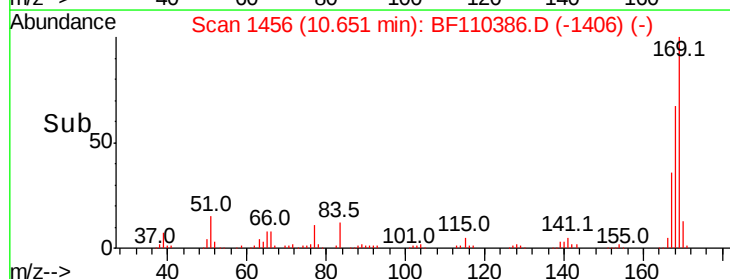
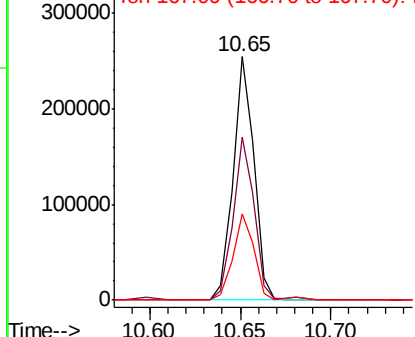


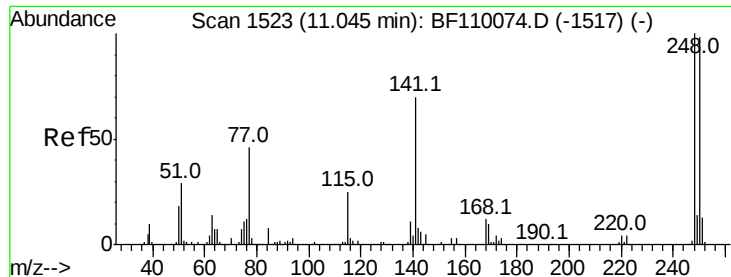
#66
n-Nitrosodiphenylamine
Concen: 43.852 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

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

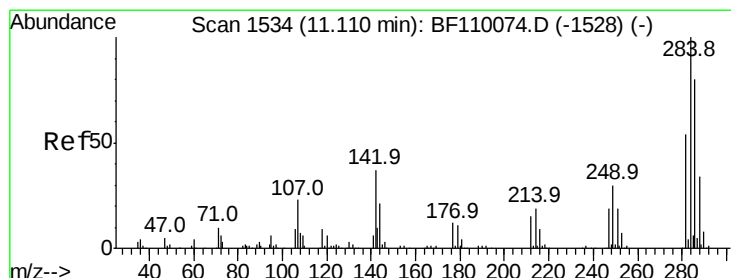
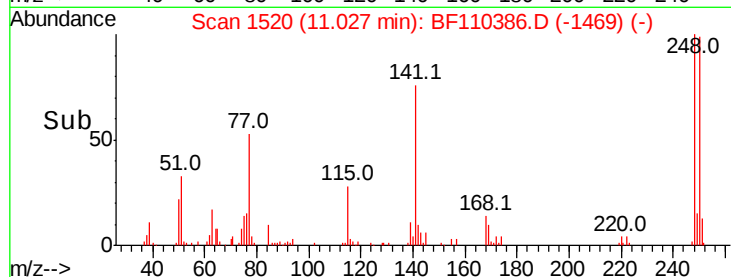
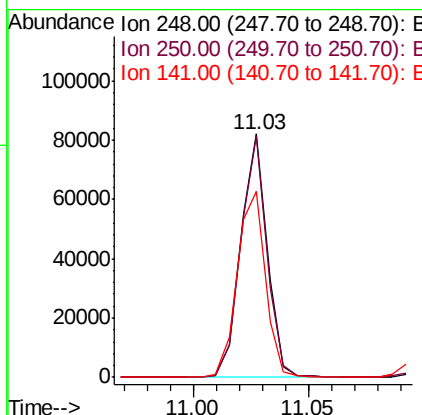
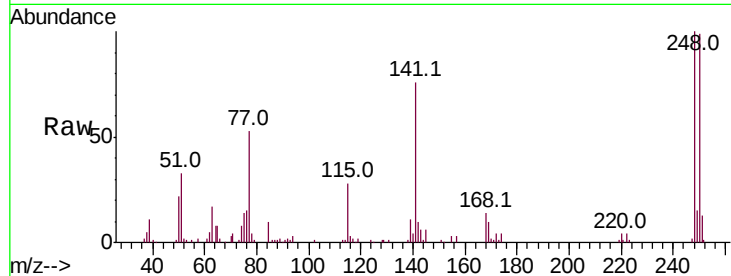




#67
4-Bromophenyl-phenylether
Concen: 42.455 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

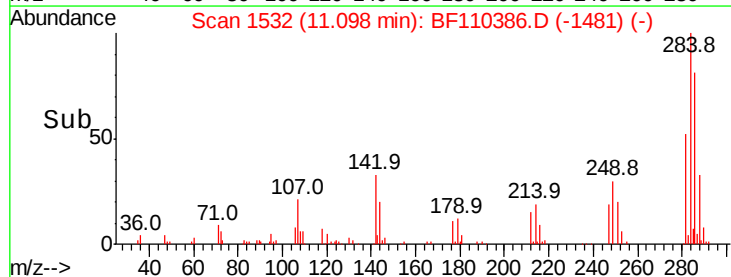
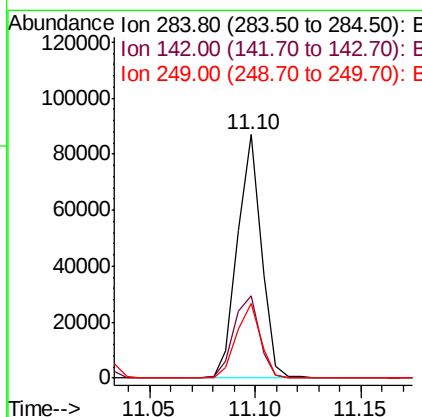
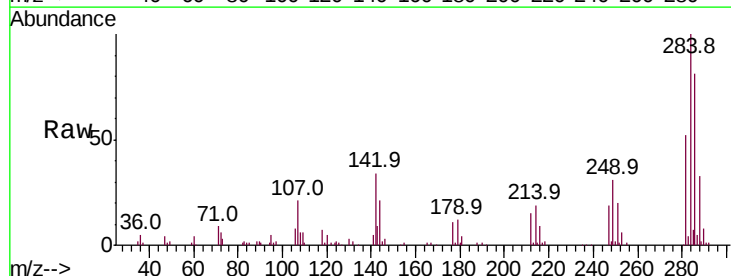
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

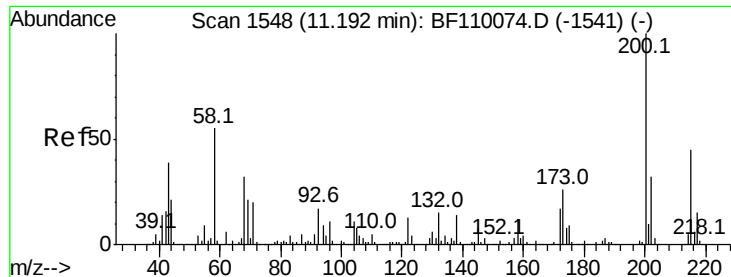
Tot Ion:248 Resp: 65577
Ion Ratio Lower Upper
248 100
250 99.2 79.4 119.2
141 76.5 55.9 83.9



#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

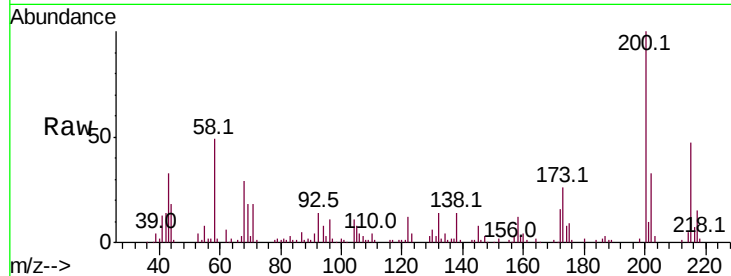




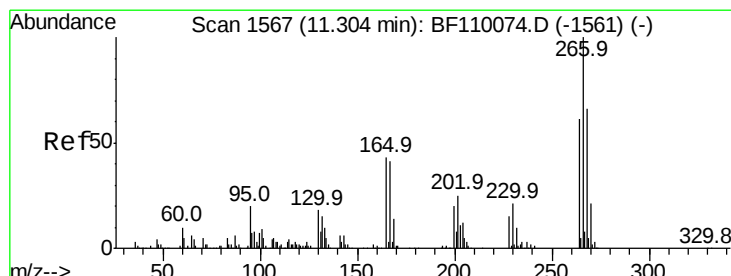
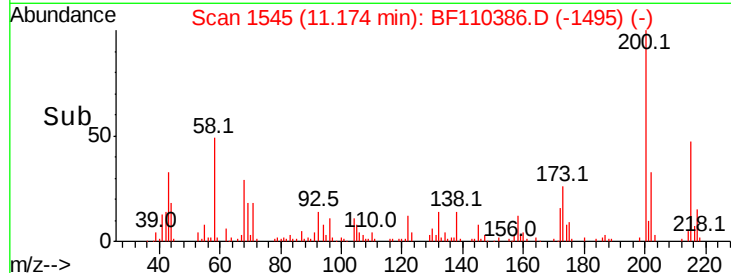
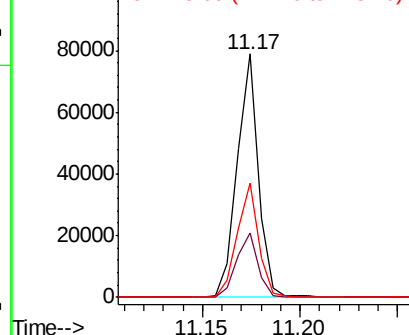
#69
Atrazine
Concen: 40.530 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 59825
Ion Ratio Lower Upper
200 100
173 26.5 6.6 46.6
215 47.2 26.3 66.3

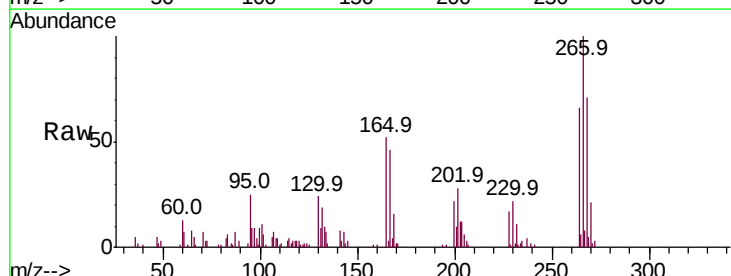


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

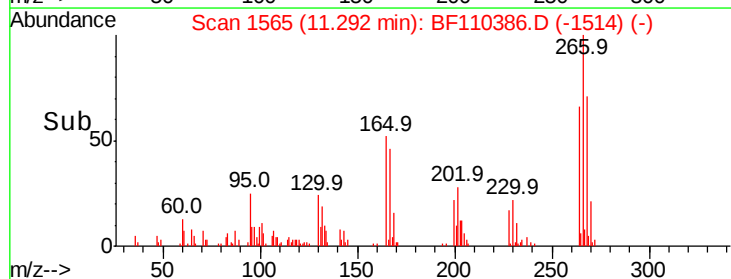
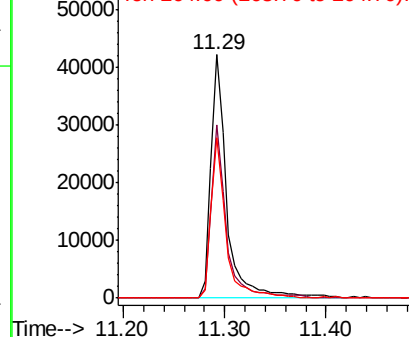


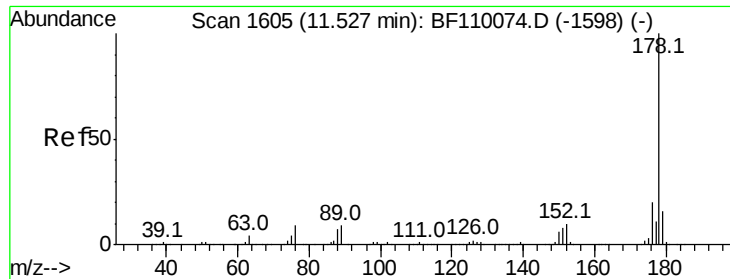
#70
Pentachlorophenol
Concen: 48.210 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

Tgt Ion:266 Resp: 46072
Ion Ratio Lower Upper
266 100
268 71.0 50.6 75.8
264 65.7 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

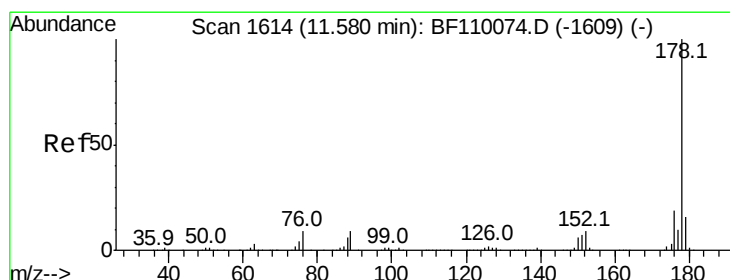
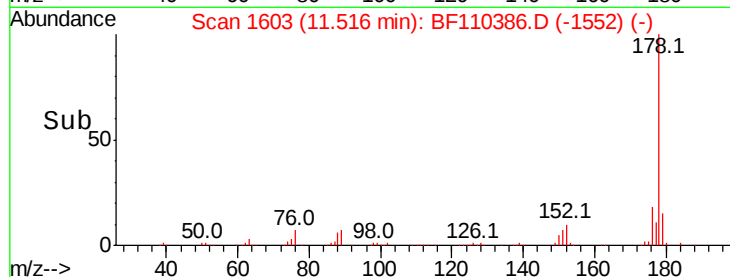
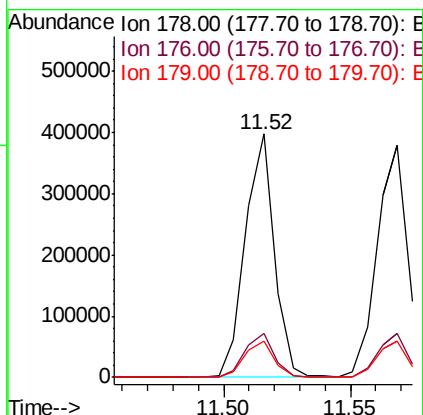
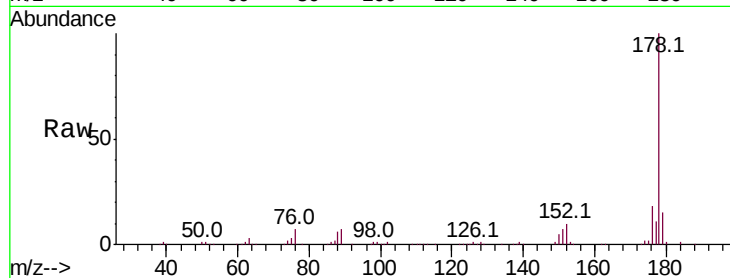




#71
 Phenanthrene
 Concen: 42.618 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

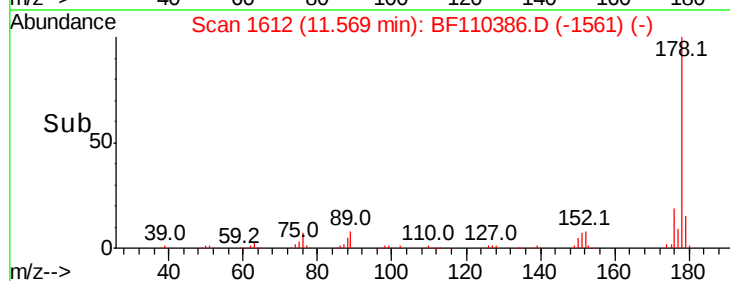
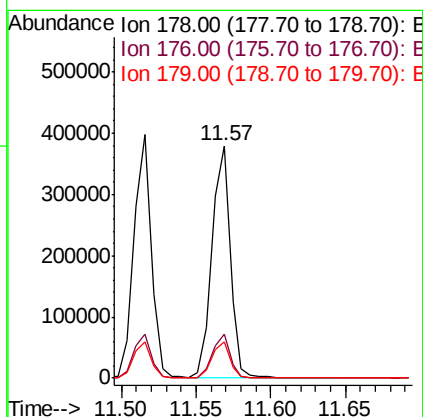
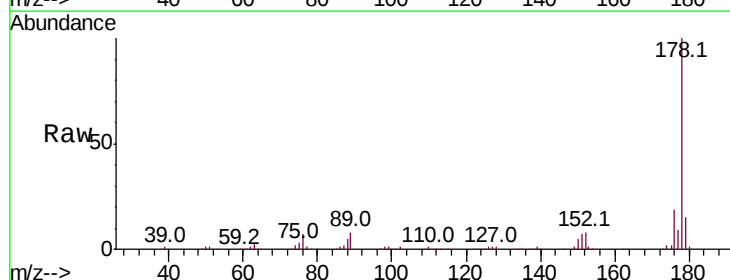
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

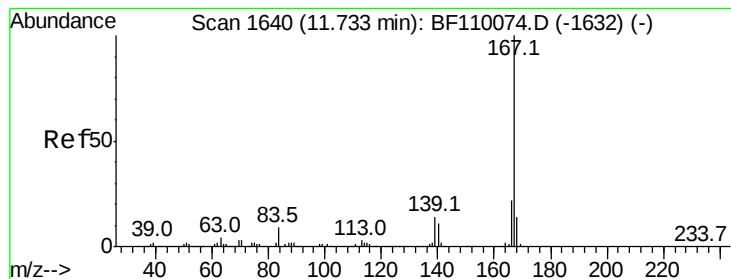
Tot Ion:178 Resp: 317548
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.5 23.3
 179 14.9 12.5 18.7



#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 :

SSTDCCC040

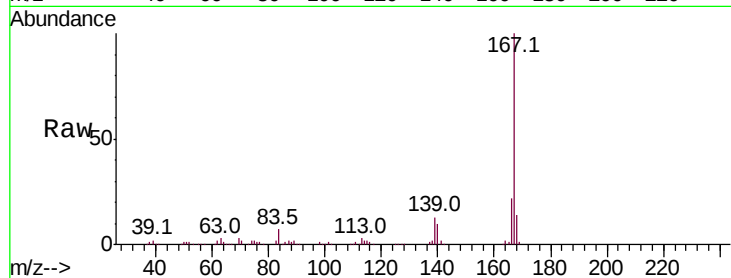
Tot Ion:167 Resp: 321826

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

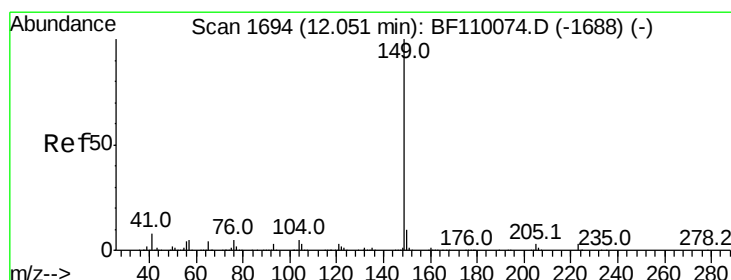
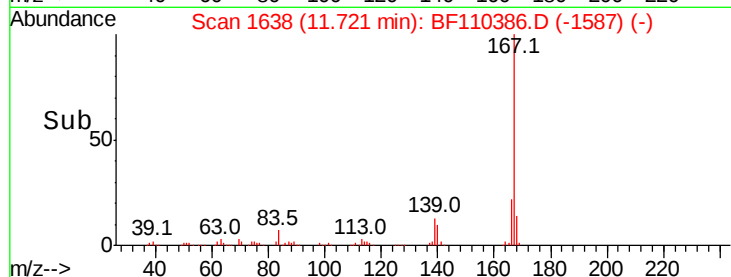
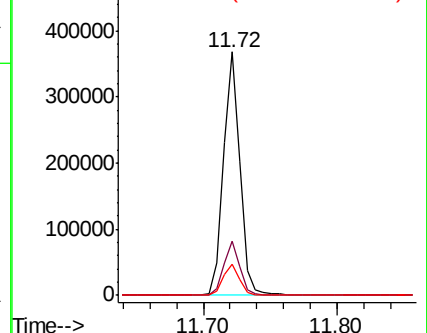
139 12.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 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

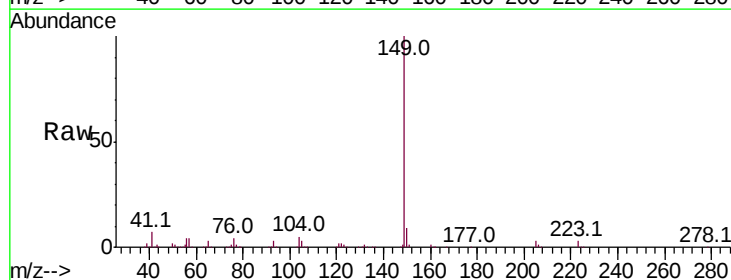
Tgt Ion:149 Resp: 372183

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

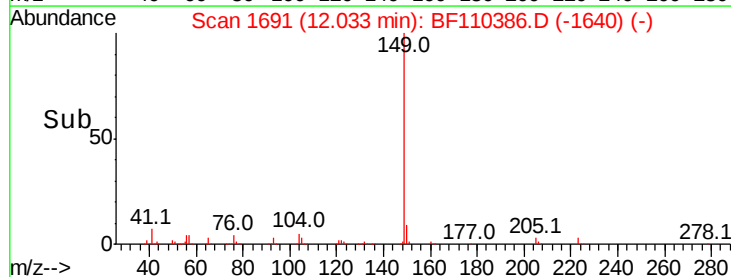
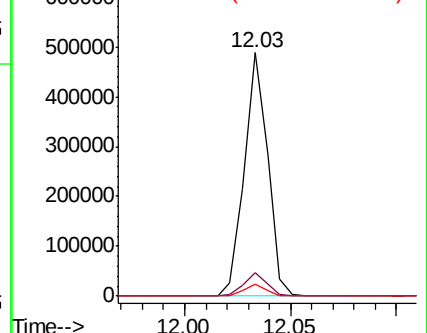
104 4.7 4.2 6.4

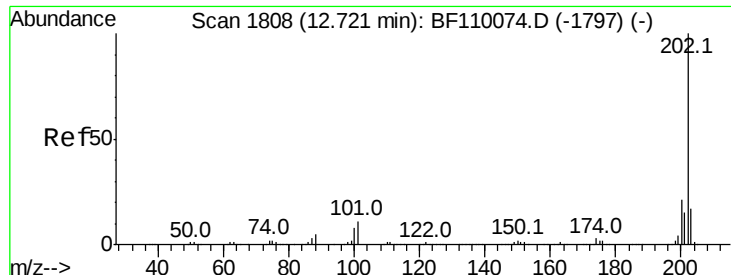


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

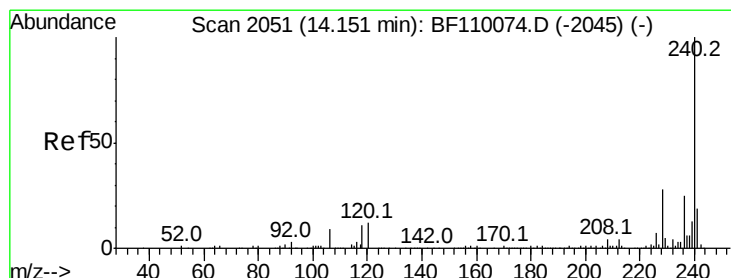
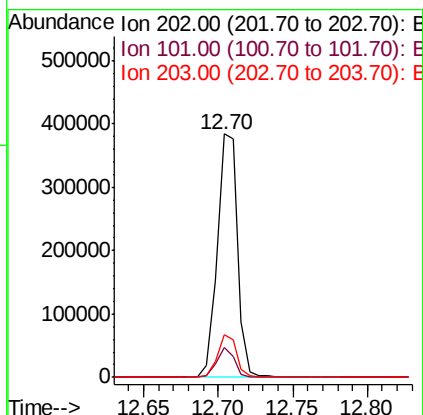
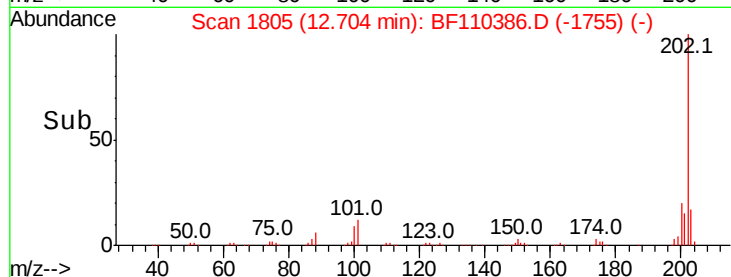
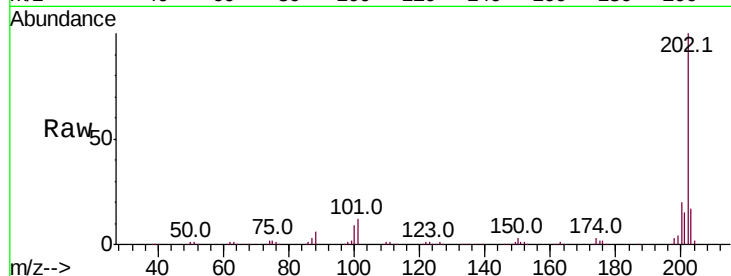




#75
 Fluoranthene
 Concen: 48.354 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF110386.D
 Acq: 2 Nov 2018 2:46

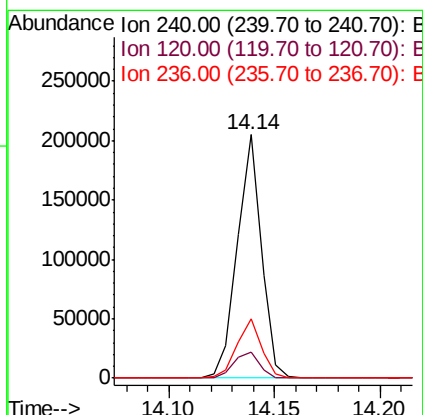
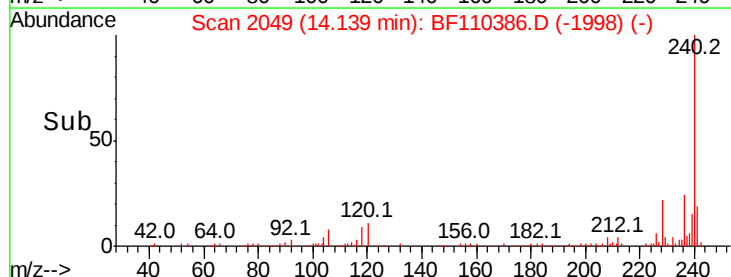
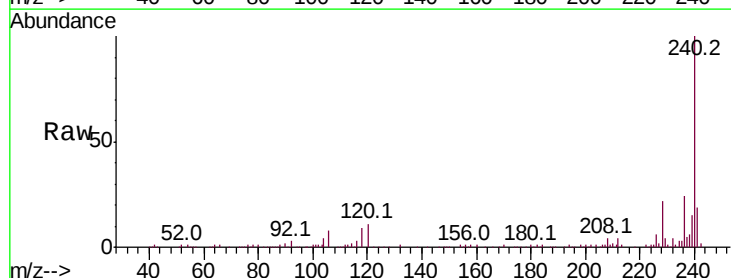
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

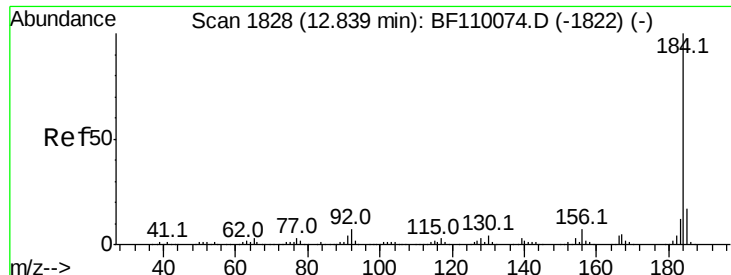
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.4
203	17.4	0.0	37.7



#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





#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 :

SSTDCCC040

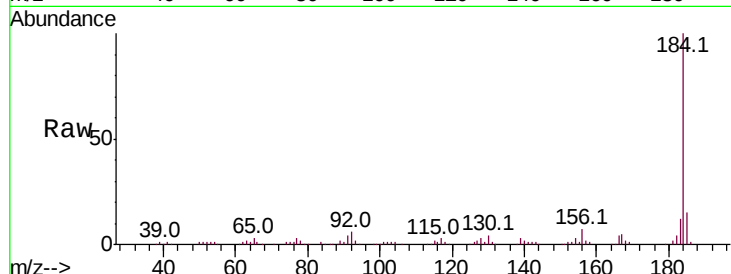
Tot Ion:184 Resp: 213038

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.2

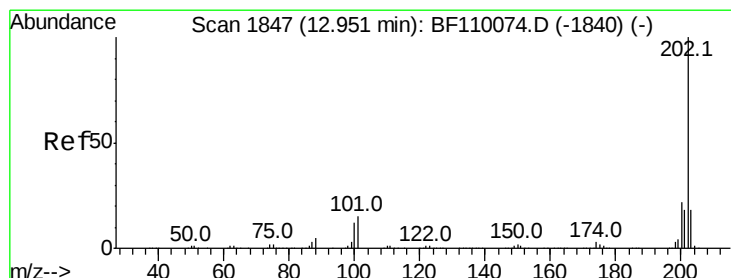
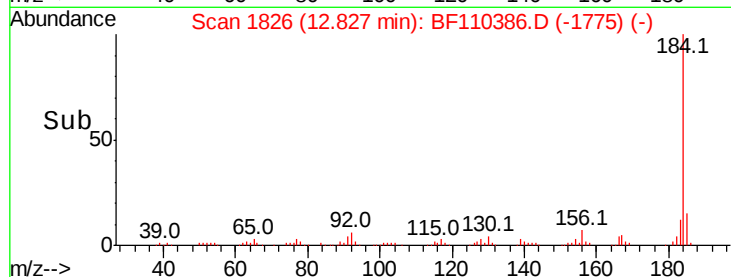
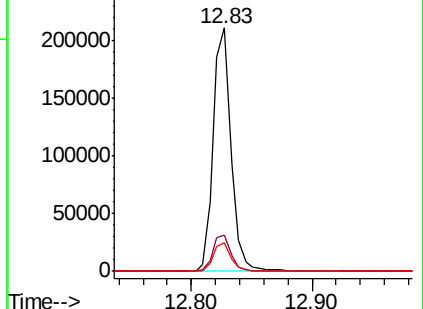
183 11.7 9.4 14.2



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

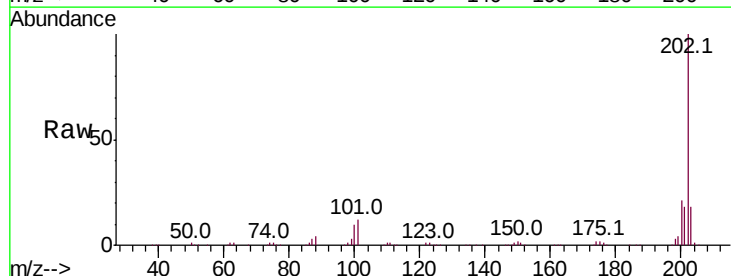
Tgt Ion:202 Resp: 384065

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

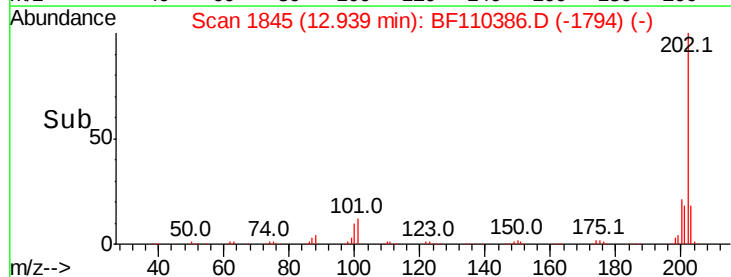
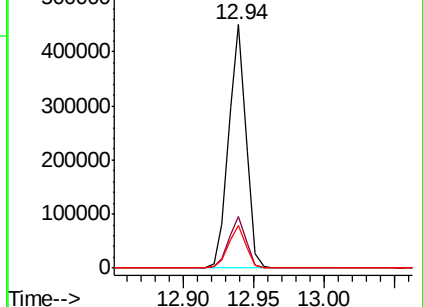
203 17.5 14.2 21.4

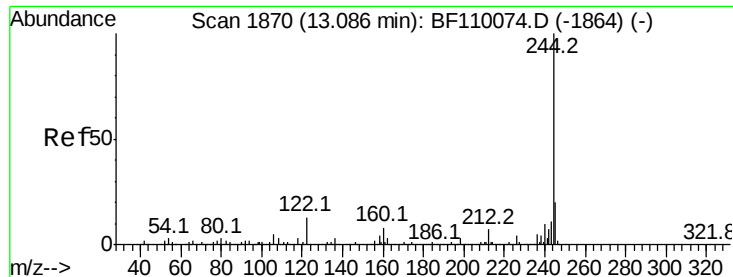


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

SSTDCCC040

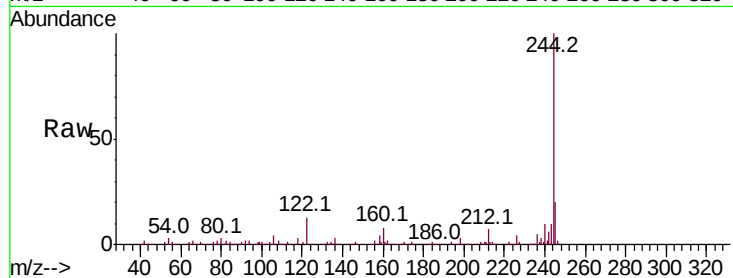
Tot Ion:244 Resp: 542906

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

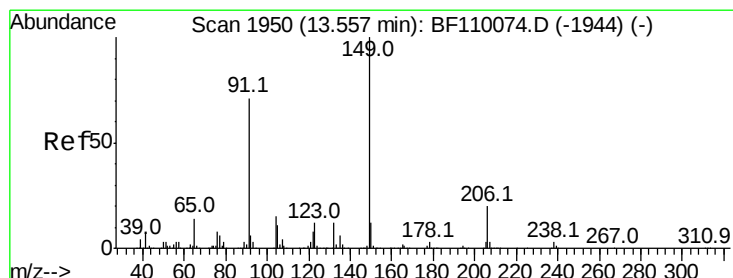
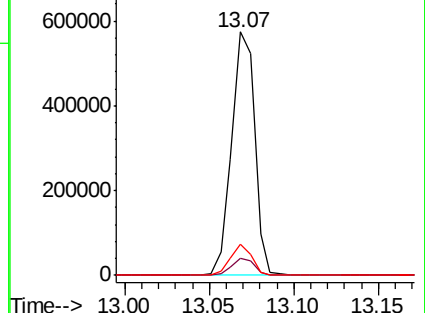
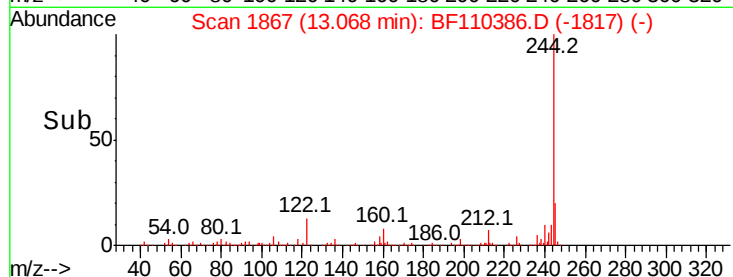
122 12.8 8.7 13.1



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

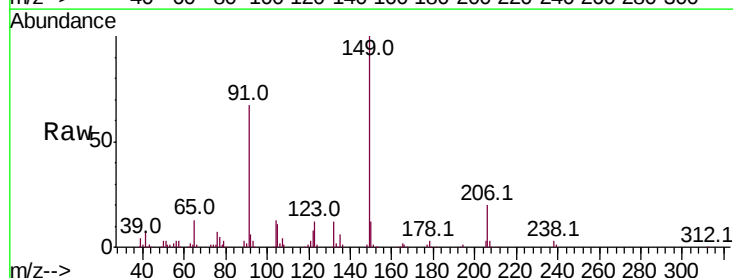
Tgt Ion:149 Resp: 181877

Ion Ratio Lower Upper

149 100

91 67.0 57.2 85.8

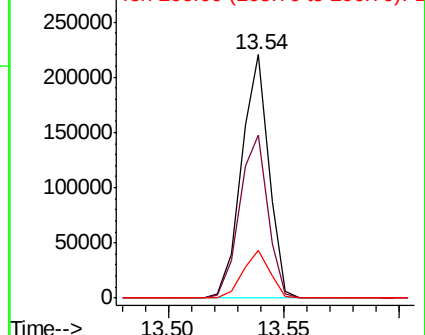
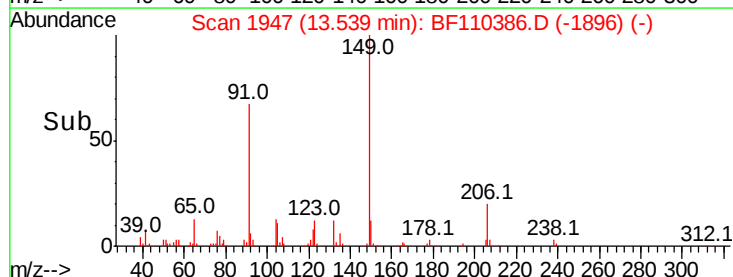
206 19.6 15.7 23.5

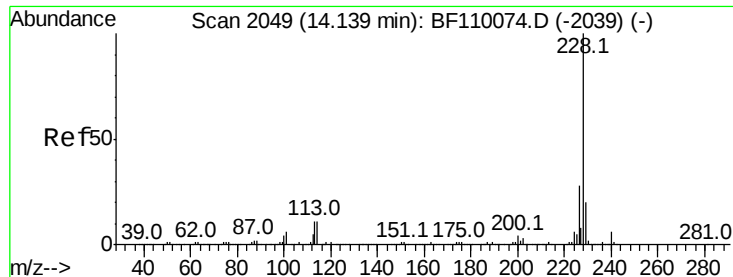


Abundance Ion 149.00 (148.70 to 149.70): E

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

ClientSampleId :

SSTDCCC040

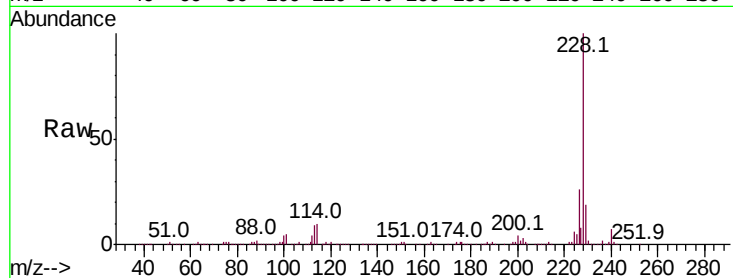
Tot Ion:228 Resp: 394205

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.1	33.1
229	19.0	15.6	23.4

228 100

226 26.5 22.1 33.1

229 19.0 15.6 23.4

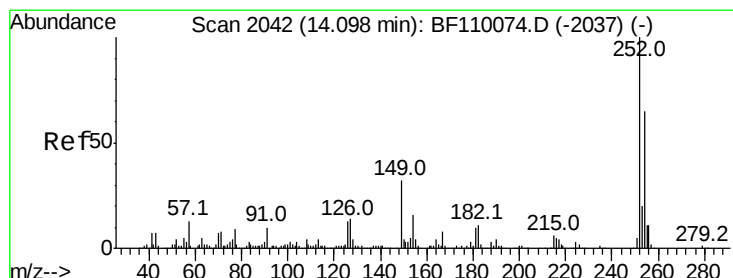
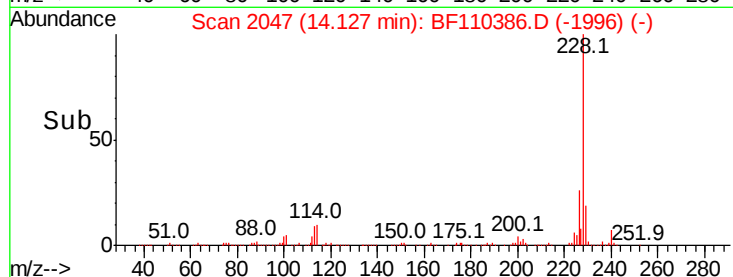
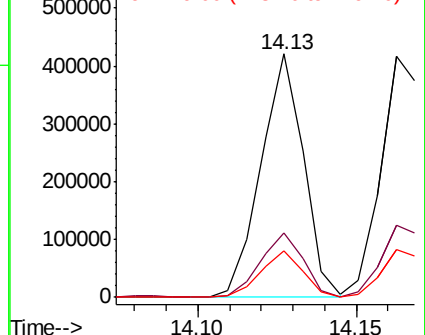


Abundance

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

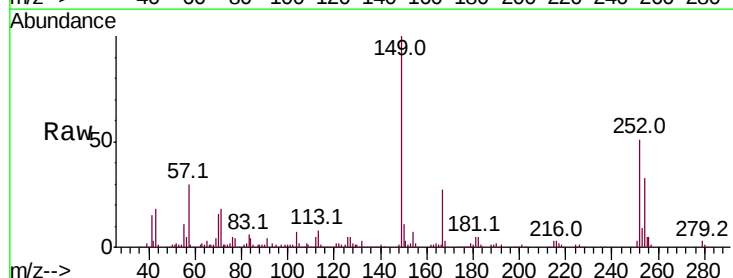
Tgt Ion:252 Resp: 149437

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.3	76.9
126	10.7	9.4	14.2

252 100

254 64.9 51.3 76.9

126 10.7 9.4 14.2

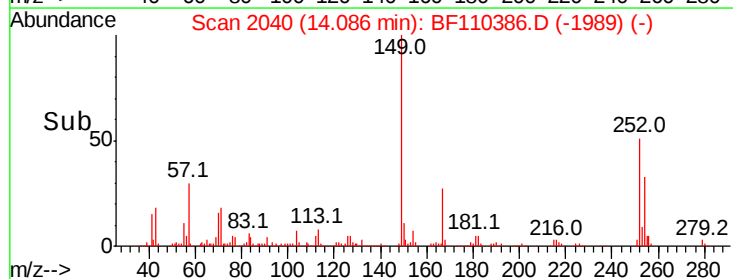
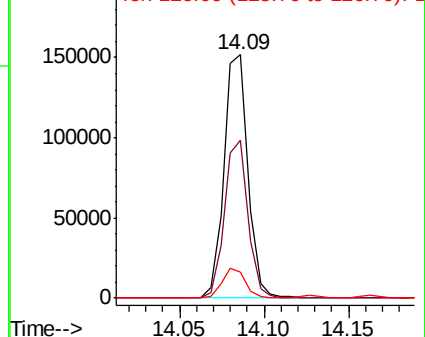


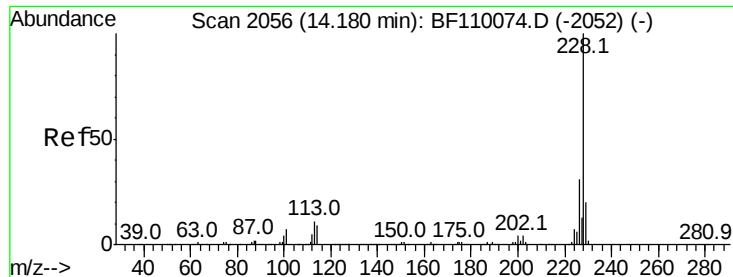
Abundance

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 :

SSTDCCC040

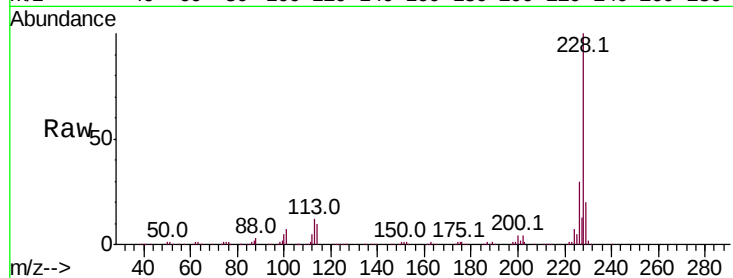
Tot Ion:228 Resp: 379461

Ion Ratio Lower Upper

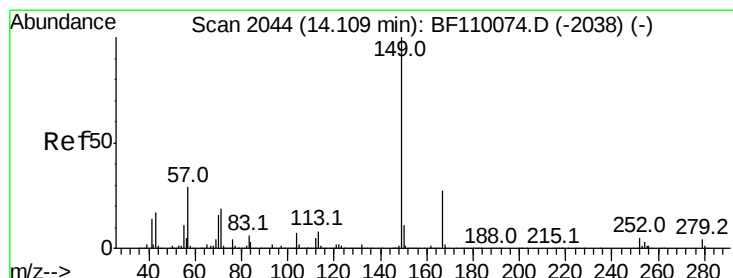
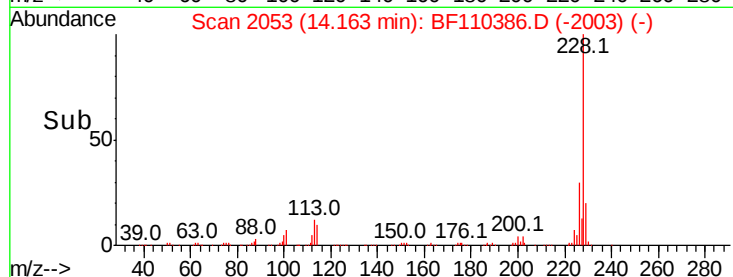
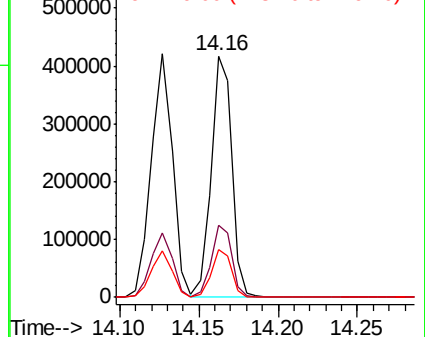
228 100

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

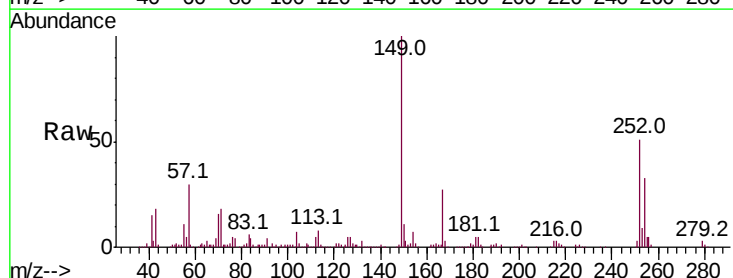
Tgt Ion:149 Resp: 259386

Ion Ratio Lower Upper

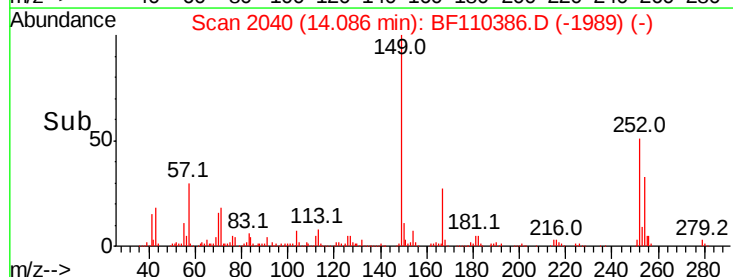
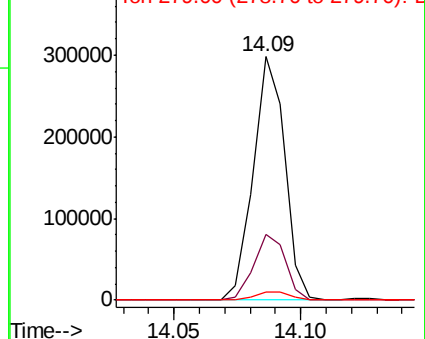
149 100

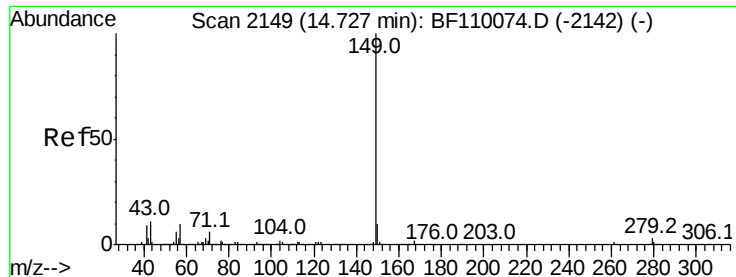
167 27.2 19.8 29.8

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

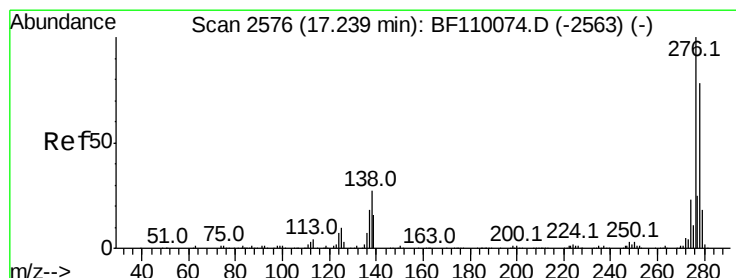
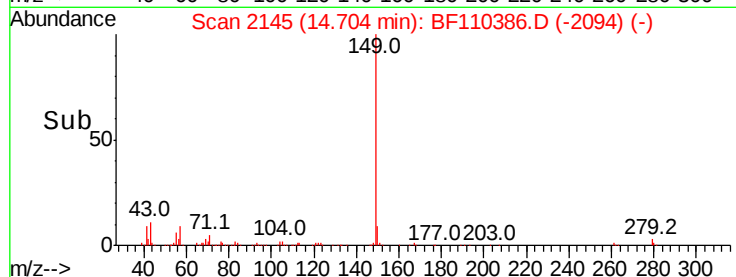
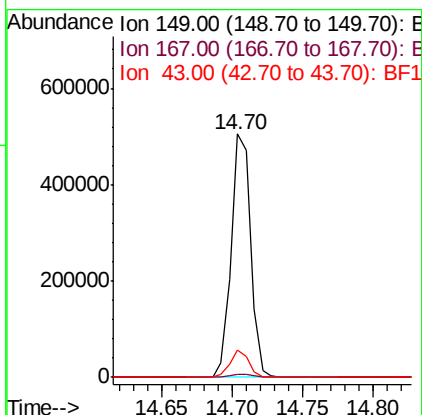
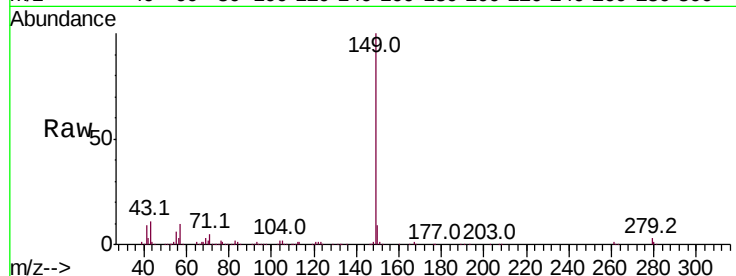




#85
Di-n-octyl phthalate
Concen: 45.943 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110386.D
Acq: 2 Nov 2018 2:46

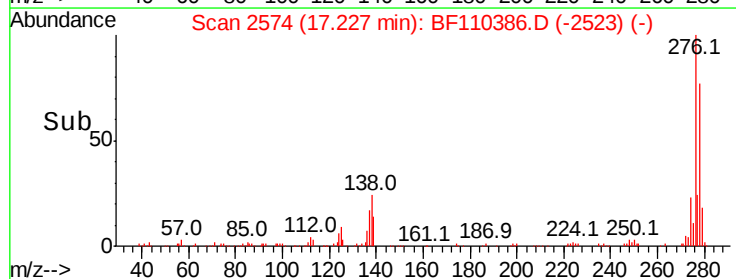
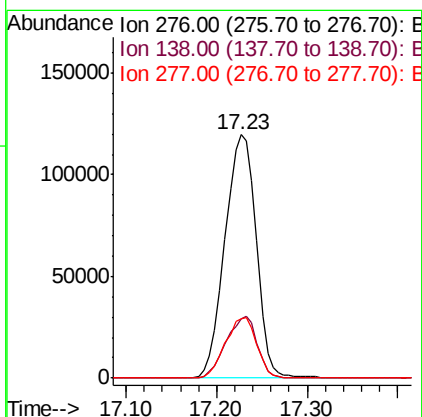
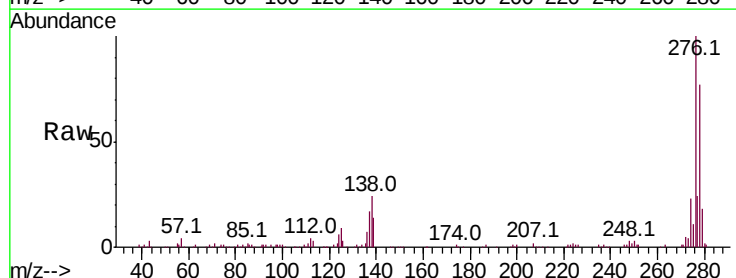
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

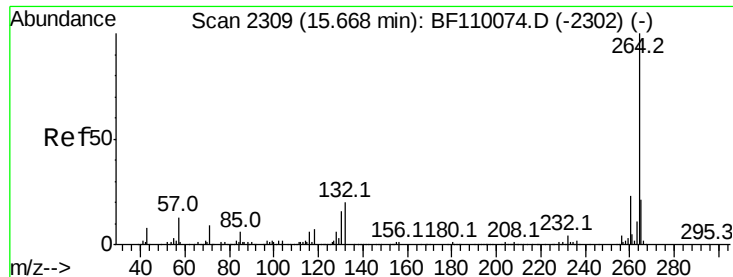
Tot Ion:149 Resp: 485259
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 10.4 7.8 11.8



#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:276 Resp: 287705
Ion Ratio Lower Upper
276 100
138 25.2 18.5 27.7
277 25.0 20.0 30.0





#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

ClientSampleId :

SSTDCCC040

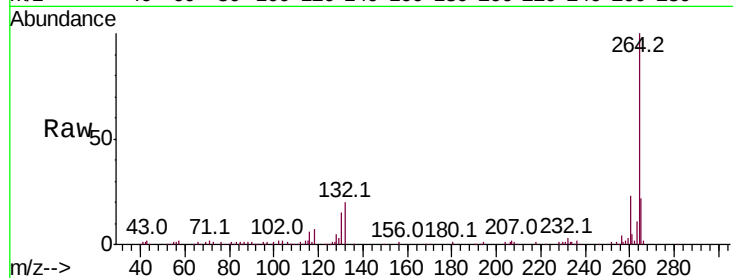
Tot Ion:264 Resp: 151461

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

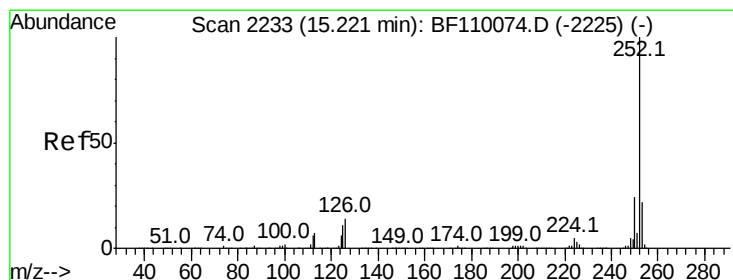
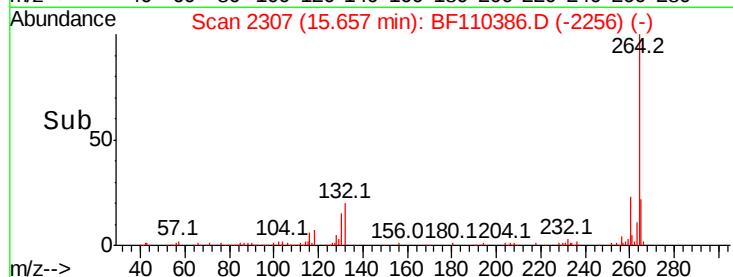
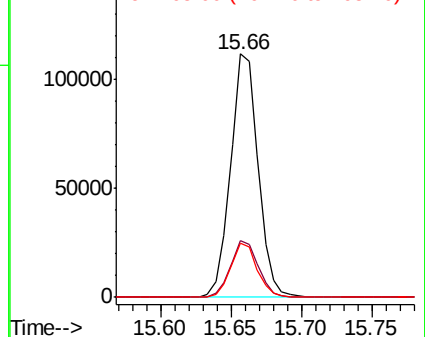
265 22.2 16.7 25.1



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

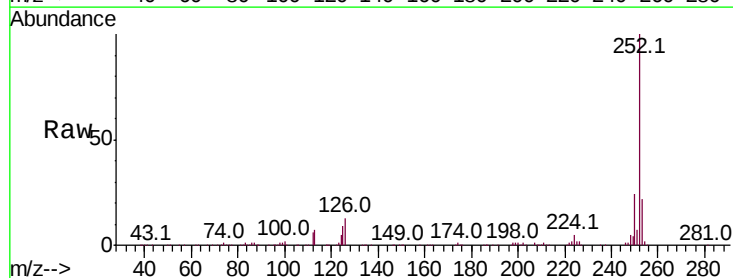
Tgt Ion:252 Resp: 365193

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

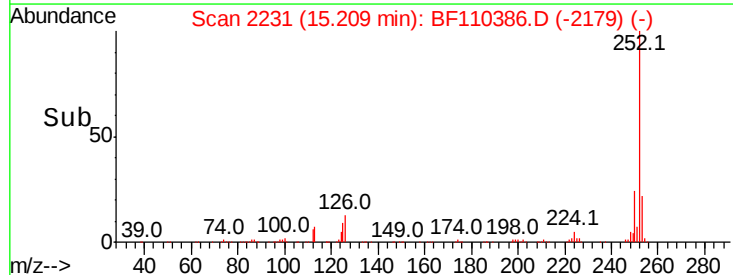
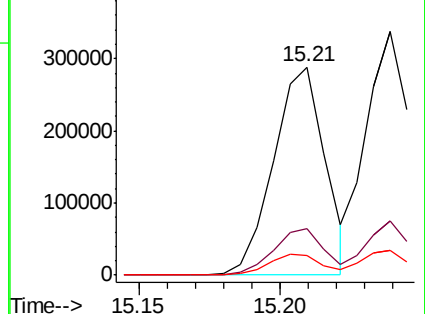
125 9.4 8.2 12.4

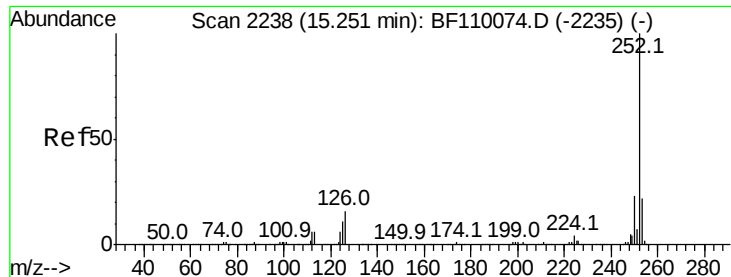


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

SSTDCCC040

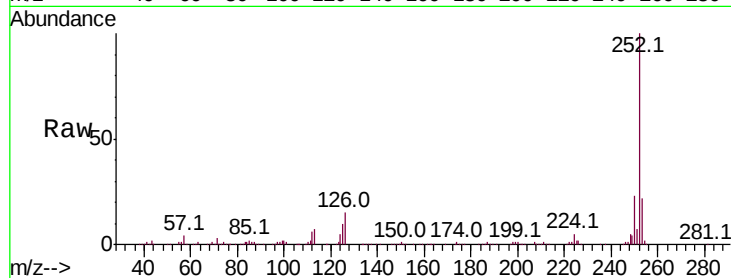
Tot Ion:252 Resp: 363581

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

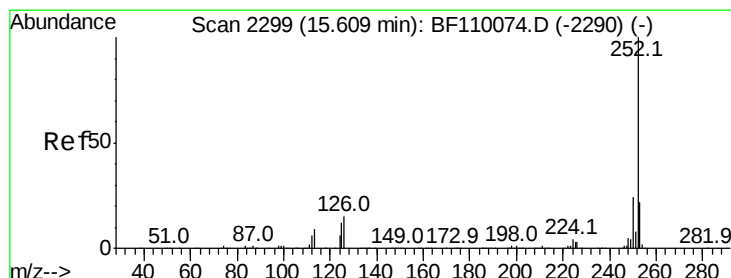
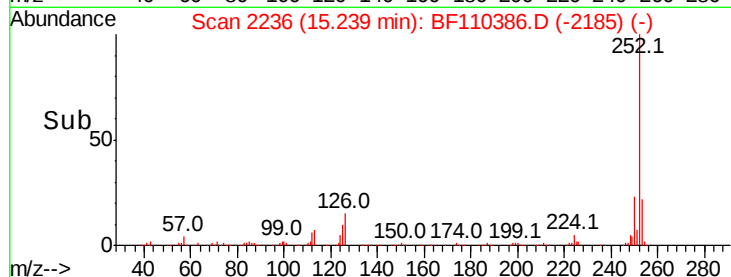
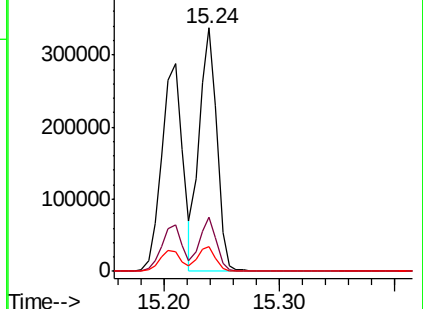
125 10.0 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 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

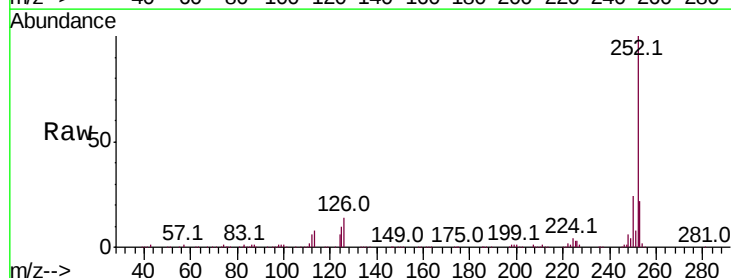
Tgt Ion:252 Resp: 329773

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

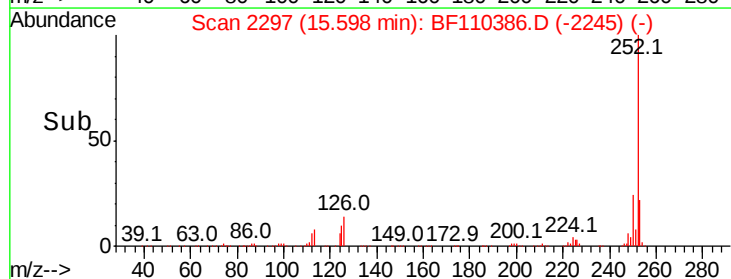
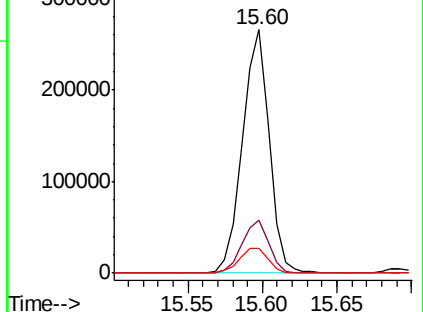
125 10.4 9.0 13.6

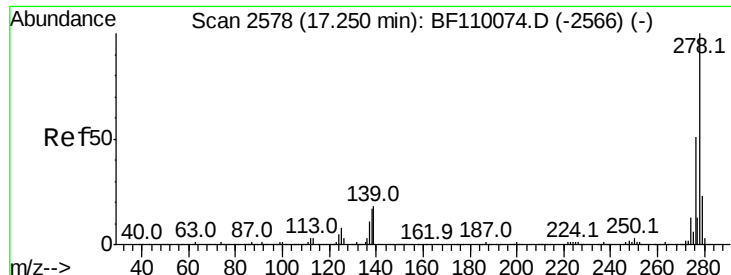


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 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 :

SSTDCCC040

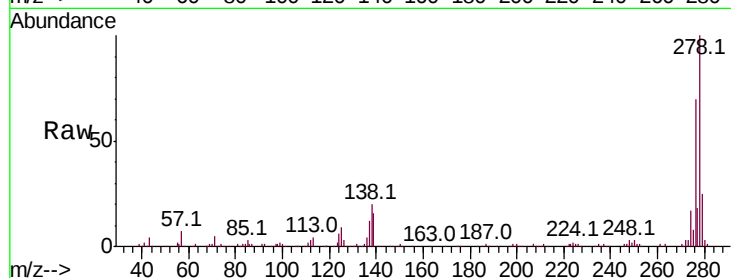
Tot Ion:278 Resp: 243554

Ion Ratio Lower Upper

278 100

139 16.3 12.7 19.1

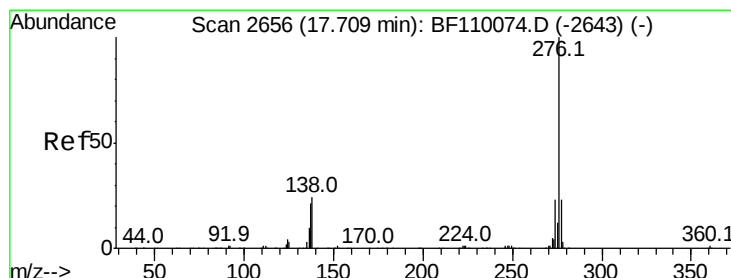
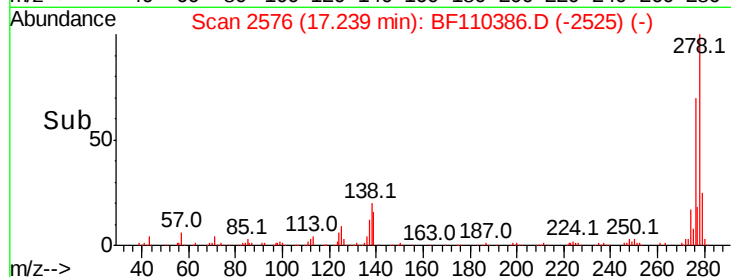
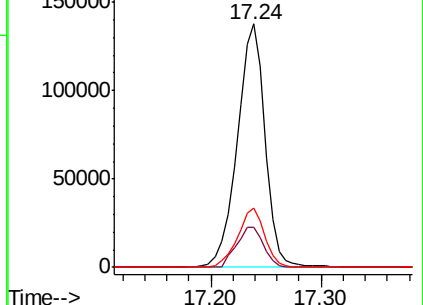
279 24.6 19.0 28.4



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

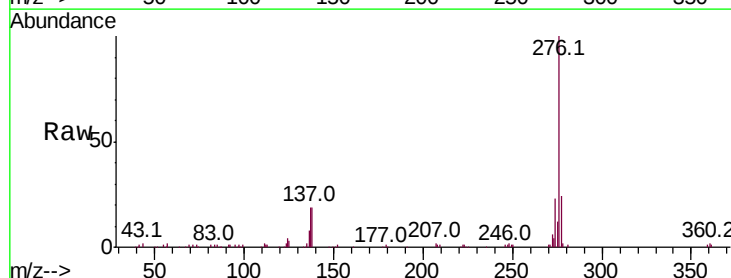
Tgt Ion:276 Resp: 219065

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

