

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106387.D
 Acq On : 13 Jun 2018 13:22
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 14 02:18:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	143631	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	592860	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	292491	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	587278	20.00	ng	0.00
75) Chrysene-d12	14.15	240	504520	20.00	ng	0.00
86) Perylene-d12	15.68	264	398060	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	728731	85.87	ng	-0.02
7) Phenol-d6	6.61	99	867573	80.92	ng	-0.01
23) Nitrobenzene-d5	7.53	82	849909	84.34	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	273994	97.36	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1400282	85.03	ng	0.00
78) Terphenyl-d14	13.08	244	1594638	78.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	179299	40.824	ng	95
3) Pyridine	3.60	79	495497	40.484	ng	99
4) n-Nitrosodimethylamine	3.57	42	219750	39.193	ng	94
6) Aniline	6.63	93	575334	36.748	ng	# 74
8) 2-Chlorophenol	6.77	128	383266	41.997	ng	99
9) Benzaldehyde	6.52	77	307181	37.772	ng	96
10) Phenol	6.62	94	502923	42.968	ng	# 60
11) bis(2-Chloroethyl)ether	6.70	93	413315	41.249	ng	97
12) 1,3-Dichlorobenzene	6.91	146	441775	41.130	ng	99
13) 1,4-Dichlorobenzene	6.98	146	452019	41.471	ng	99
14) 1,2-Dichlorobenzene	7.14	146	413899	40.338	ng	99
15) Benzyl Alcohol	7.11	79	367658	40.041	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	529680	36.877	ng	# 1
17) 2-Methylphenol	7.24	107	345801	42.470	ng	# 90
18) Hexachloroethane	7.48	117	157472	40.546	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	299821	37.274	ng	96
20) 3+4-Methylphenols	7.38	107	421543	40.484	ng	95
22) Acetophenone	7.37	105	570247	38.168	ng	98
24) Nitrobenzene	7.55	77	446574	40.770	ng	94
25) Isophorone	7.79	82	753611	38.285	ng	99
26) 2-Nitrophenol	7.87	139	206430	48.553	ng	98
27) 2,4-Dimethylphenol	7.91	122	323279	38.794	ng	100
28) bis(2-Chloroethoxy)methane	7.99	93	512651	40.165	ng	99
29) 2,4-Dichlorophenol	8.12	162	345540	42.981	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	361154	40.065	ng	95
31) Naphthalene	8.27	128	1088753	40.624	ng	98
32) Benzoic acid	8.03	122	225480	38.404	ng	91
33) 4-Chloroaniline	8.32	127	486535	40.965	ng	97
34) Hexachlorobutadiene	8.38	225	237243	40.967	ng	98
35) Caprolactam	8.70	113	118990	43.758	ng	99
36) 4-Chloro-3-methylphenol	8.81	107	360332	40.519	ng	99
37) 2-Methylnaphthalene	8.97	142	733057	40.159	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	386174	40.671	ng	96
40) Hexachlorocyclopentadiene	9.11	237	217918	41.597	ng	99

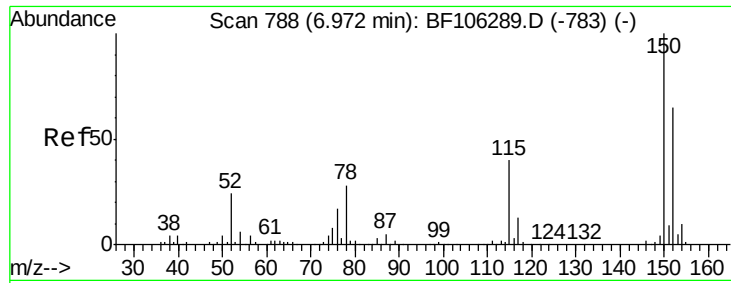
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106387.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	261875	43.278	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	277321	42.513	nq	96
45) 1,1'-Biphenyl	9.43	154	907626	40.063	nq	99
46) 2-Chloronaphthalene	9.45	162	721783	39.812	nq	99
47) 2-Nitroaniline	9.55	65	261418	45.836	nq	93
48) Acenaphthylene	9.87	152	1140215	41.089	nq	97
49) Dimethylphthalate	9.72	163	865047	41.396	nq	99
50) 2,6-Dinitrotoluene	9.79	165	187458	43.916	nq	94
51) Acenaphthene	10.04	154	726994	40.566	nq	99
52) 3-Nitroaniline	9.97	138	226403	44.688	nq	99
53) 2,4-Dinitrophenol	10.07	184	86769	48.121	nq #	19
54) Dibenzofuran	10.21	168	991050	41.067	nq	95
55) 4-Nitrophenol	10.15	139	169977	43.772	nq	92
56) 2,4-Dinitrotoluene	10.20	165	253329	47.261	nq #	93
57) Fluorene	10.56	166	774701	40.518	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	230118	44.509	nq #	83
59) Diethylphthalate	10.42	149	842688	40.629	nq #	94
60) 4-Chlorophenyl-phenylether	10.55	204	408168	40.588	nq	91
61) 4-Nitroaniline	10.58	138	226366	45.924	nq	97
62) Azobenzene	10.71	77	838220	38.757	nq	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	149236	47.224	nq #	71
65) n-Nitrosodiphenylamine	10.67	169	776590	39.346	nq	97
66) 4-Bromophenyl-phenylether	11.04	248	274330	41.070	nq #	80
67) Hexachlorobenzene	11.11	284	287864	41.802	nq #	85
68) Atrazine	11.20	200	251508	41.349	nq	94
69) Pentachlorophenol	11.31	266	161274	38.039	nq	99
70) Phenanthrene	11.52	178	1140370	39.650	nq	97
71) Anthracene	11.58	178	1148909	39.874	nq	96
72) Carbazole	11.73	167	1067854	40.143	nq	98
73) Di-n-butylphthalate	12.05	149	1223413	41.323	nq	98
74) Fluoranthene	12.72	202	1241399	40.473	nq	96
76) Benzidine	12.84	184	640689	38.156	nq	99
77) Pyrene	12.95	202	1284658	40.672	nq	96
79) Butylbenzylphthalate	13.55	149	534896	45.240	nq #	98
80) Benzo(a)anthracene	14.14	228	1210382	40.314	nq	97
81) 3,3'-Dichlorobenzidine	14.10	252	437419	43.181	nq #	96
82) Chrysene	14.18	228	1101876	40.197	nq	96
83) Bis(2-ethylhexyl)phthalate	14.11	149	705225	41.600	nq #	98
84) Di-n-octyl phthalate	14.74	149	1132365	46.333	nq	99
85) Indeno(1,2,3-cd)pyrene	17.25	276	766996	35.060	nq #	93
87) Benzo(b)fluoranthene	15.23	252	1024525	42.578	nq	96
88) Benzo(k)fluoranthene	15.26	252	1017876	42.713	nq #	96
89) Benzo(a)pyrene	15.62	252	911316	42.107	nq	97
90) Dibenzo(a,h)anthracene	17.27	278	662118	36.695	nq #	95
91) Benzo(g,h,i)perylene	17.72	276	617567	35.218	nq #	93

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

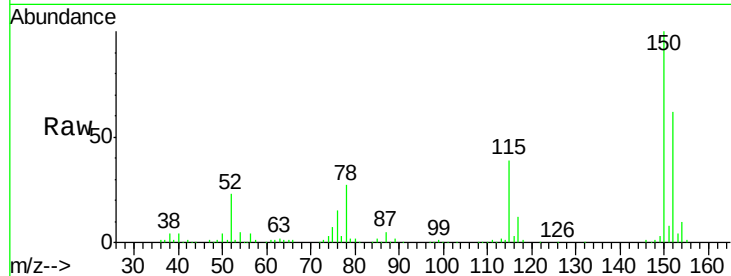


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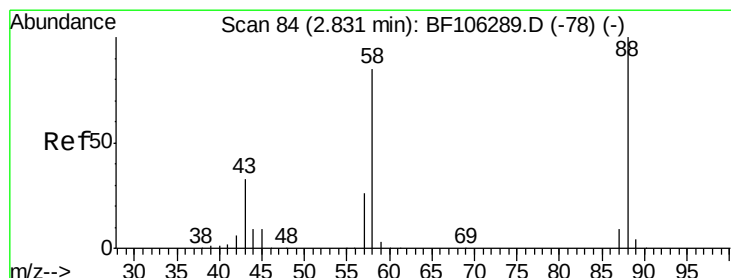
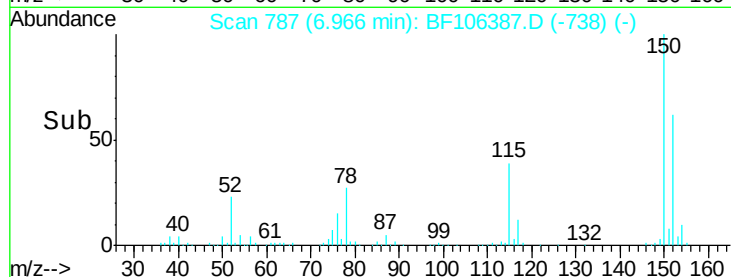
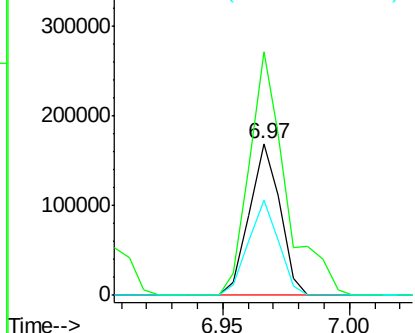
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 143631
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 62.7 50.1 75.1



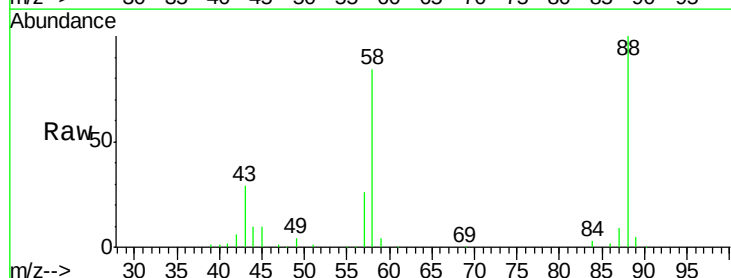
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



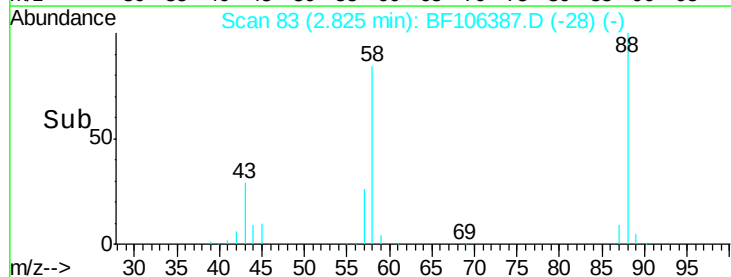
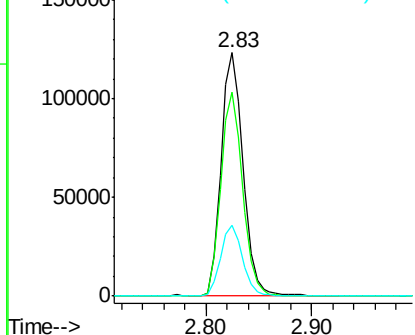
#2

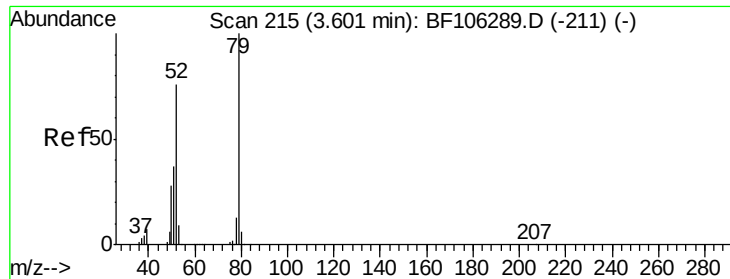
1,4-Dioxane
Concen: 40.824 ng
RT: 2.83 min Scan# 83
Delta R.T. 0.02 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion: 88 Resp: 179299
Ion Ratio Lower Upper
88 100
58 82.6 62.6 93.8
43 29.0 24.6 37.0



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: 40.484 ng

RT: 3.60 min Scan# 214

Delta R.T. 0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

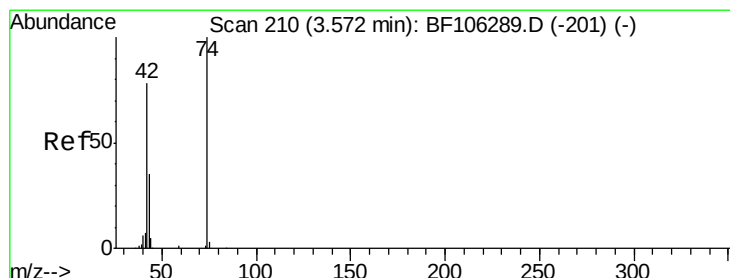
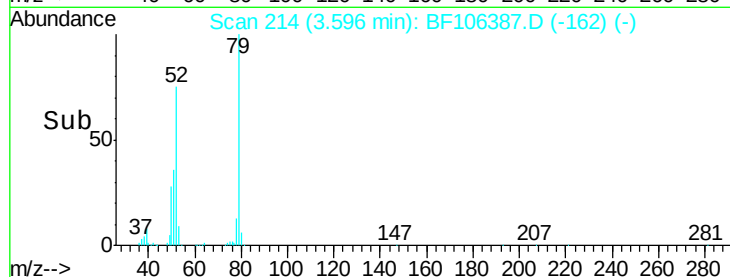
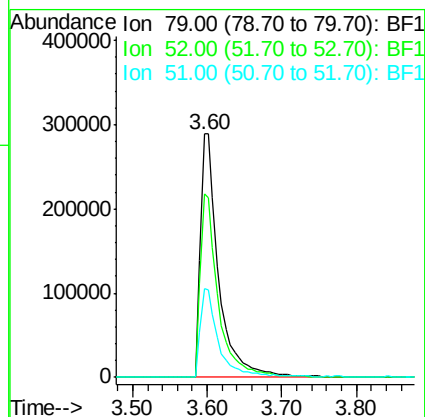
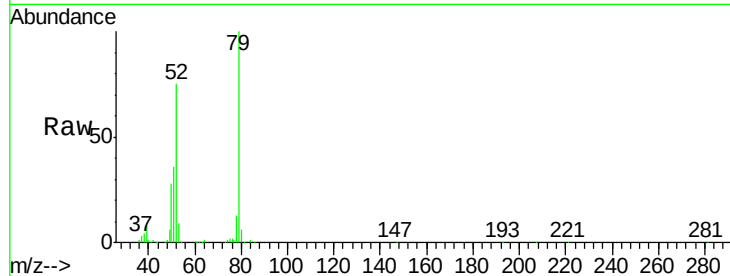
Tot Ion: 79 Resp: 495497

Ion Ratio Lower Upper

79 100

52 75.4 59.8 89.6

51 36.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.193 ng

RT: 3.57 min Scan# 209

Delta R.T. 0.02 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

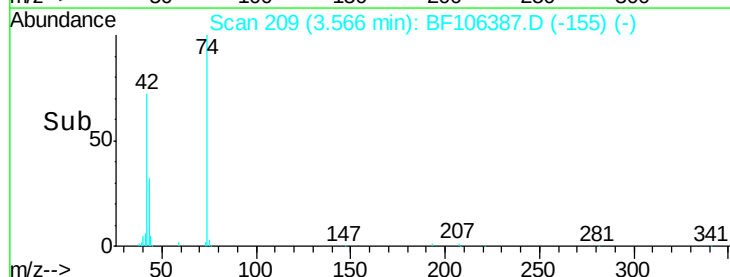
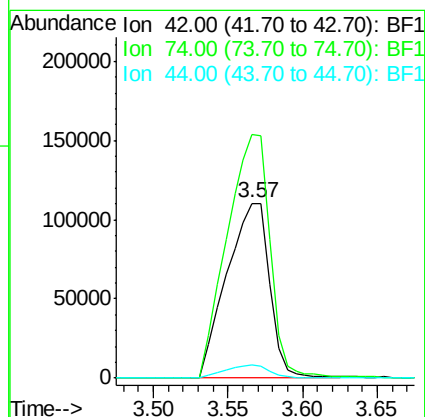
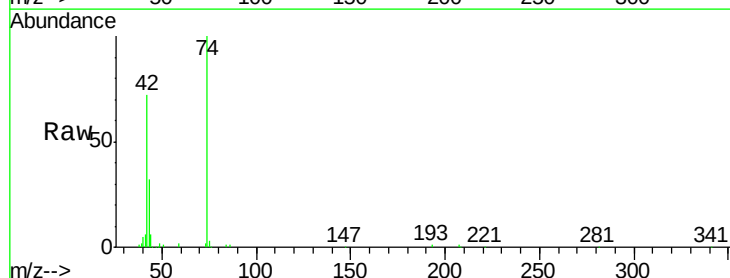
Tgt Ion: 42 Resp: 219750

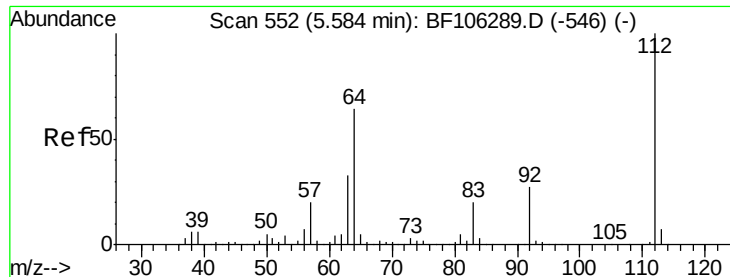
Ion Ratio Lower Upper

42 100

74 139.0 104.9 157.3

44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 85.871 ng

RT: 5.61 min Scan# 556

Delta R.T. -0.02 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

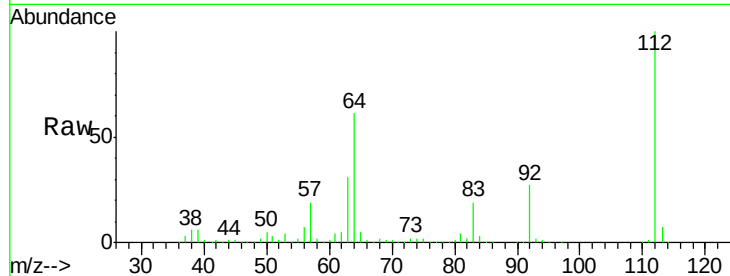
Tot Ion: 112 Resp: 728731

Ion Ratio Lower Upper

112 100

64 61.0 47.9 71.9

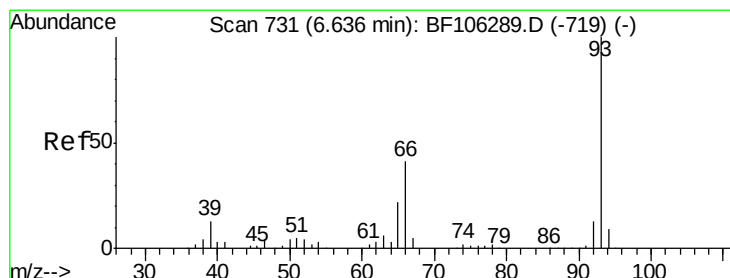
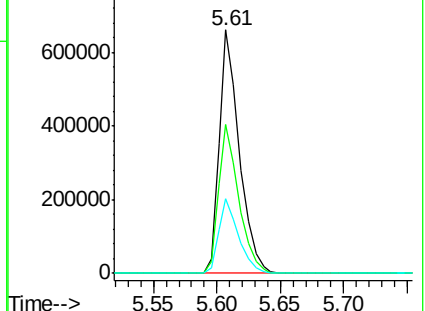
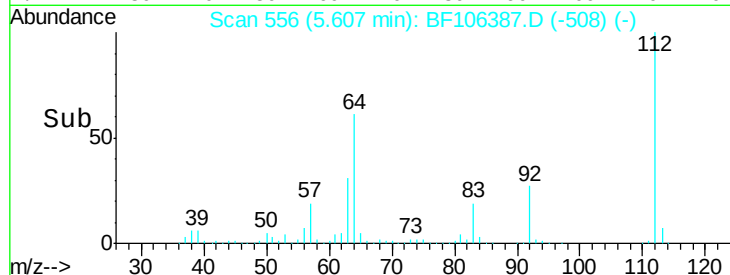
63 30.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.748 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

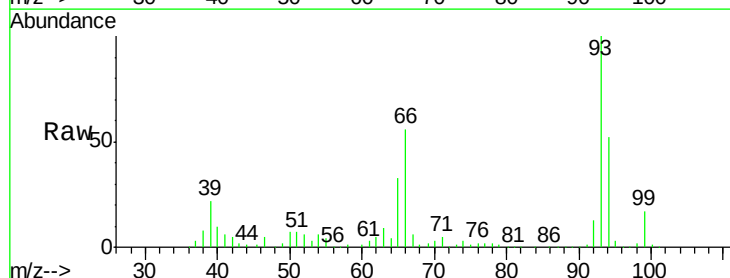
Tgt Ion: 93 Resp: 575334

Ion Ratio Lower Upper

93 100

66 56.1 32.2 48.2#

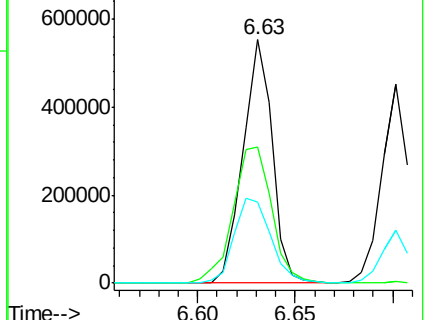
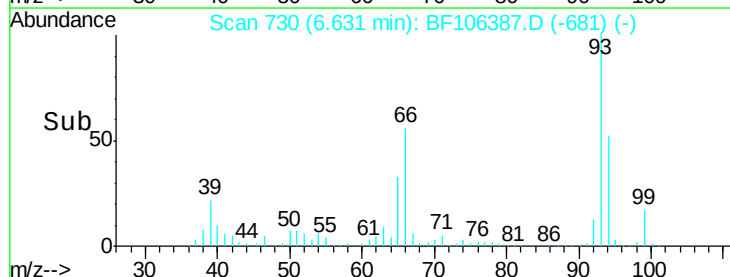
65 33.1 16.4 24.6#

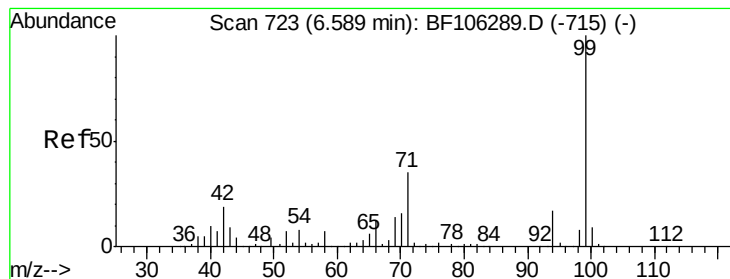


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.918 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

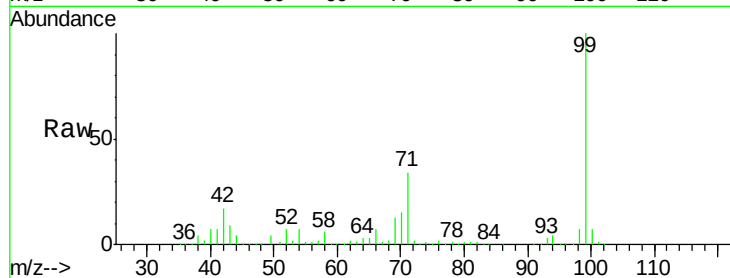
Tot Ion: 99 Resp: 867573

Ion Ratio Lower Upper

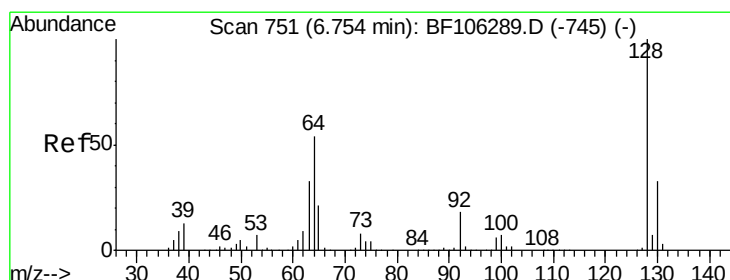
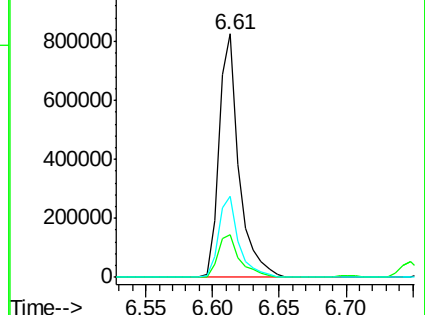
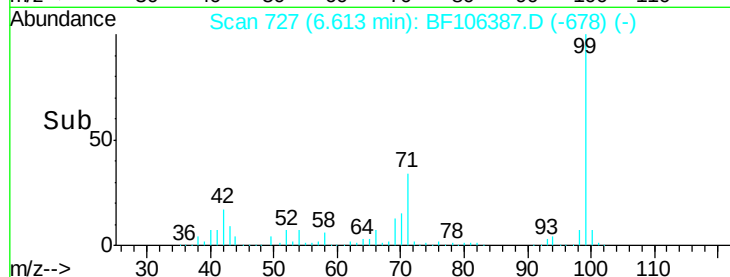
99 100

42 17.3 14.5 21.7

71 33.5 25.4 38.0



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: 41.997 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

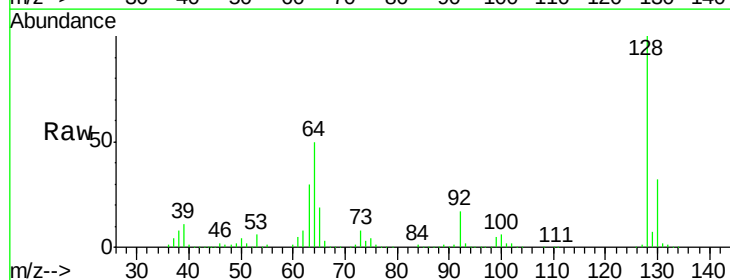
Tgt Ion: 128 Resp: 383266

Ion Ratio Lower Upper

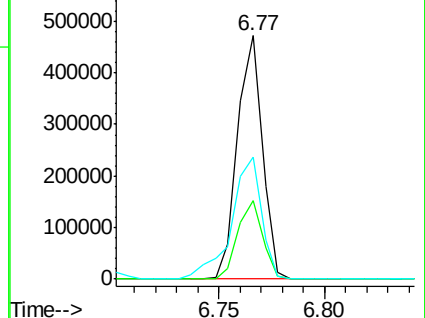
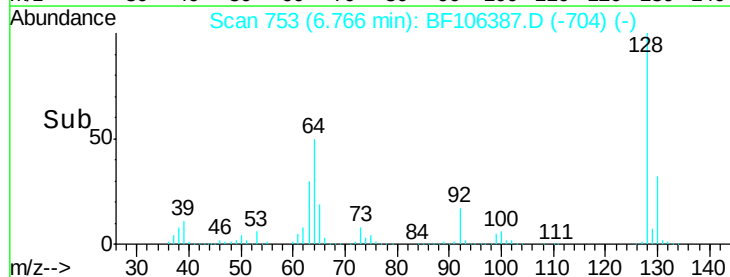
128 100

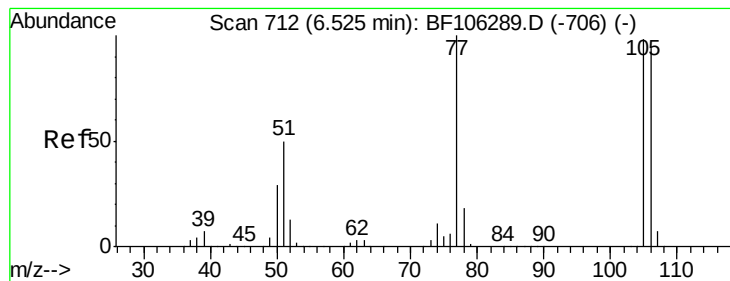
130 32.1 13.0 53.0

64 50.0 29.4 69.4



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: 37.772 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

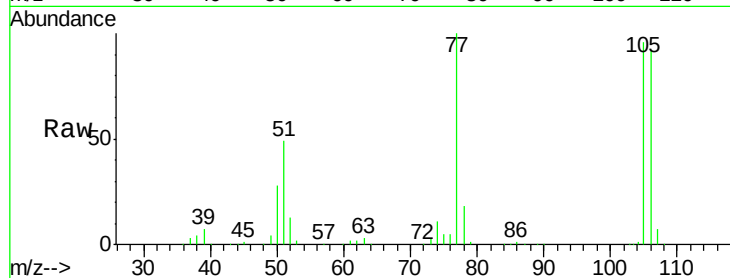
Tot Ion: 77 Resp: 307181

Ion Ratio Lower Upper

77 100

105 96.0 81.1 121.1

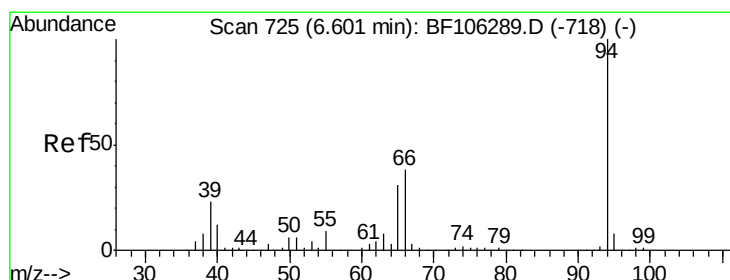
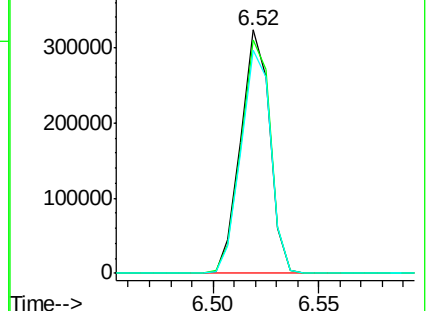
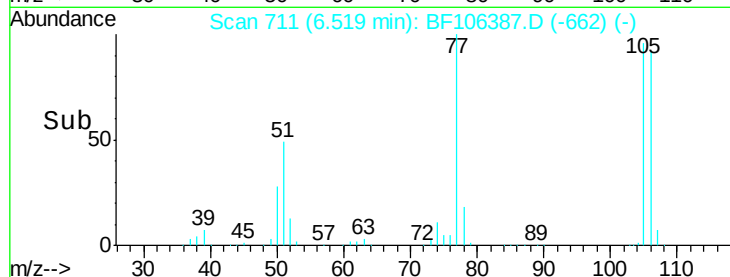
106 91.9 74.5 114.5



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: 42.968 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

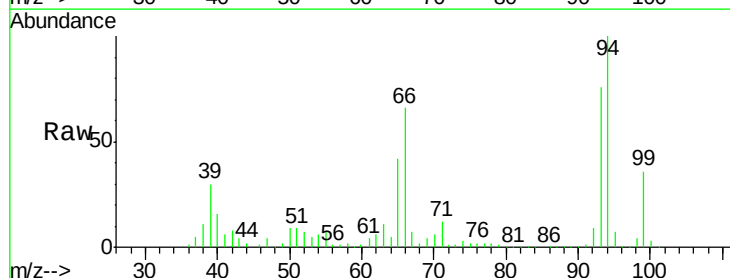
Tgt Ion: 94 Resp: 502923

Ion Ratio Lower Upper

94 100

65 42.0 7.9 47.9

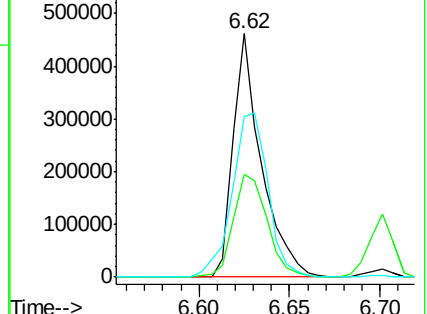
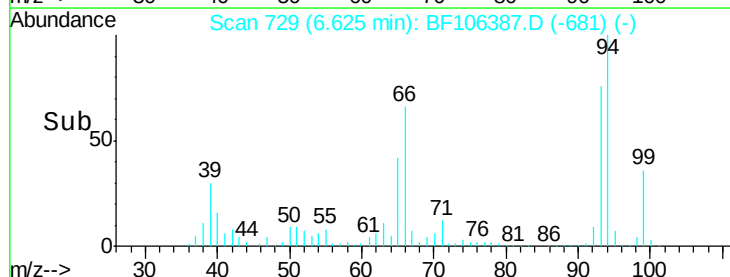
66 65.9 16.2 56.2#

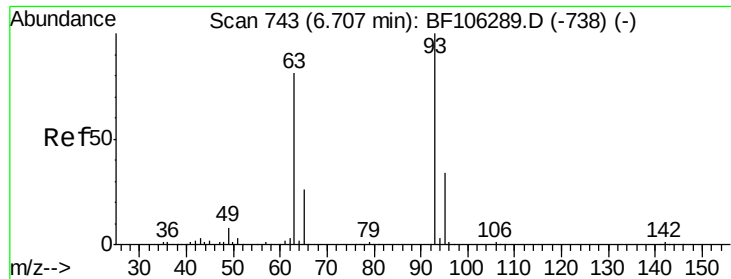


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

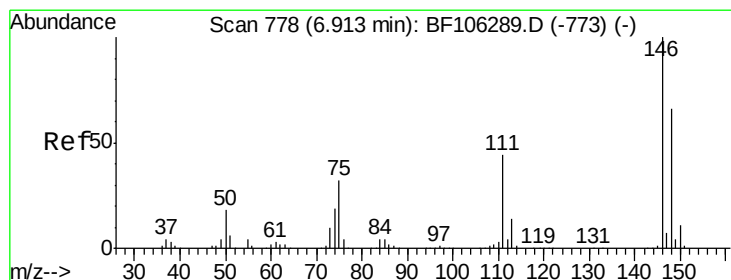
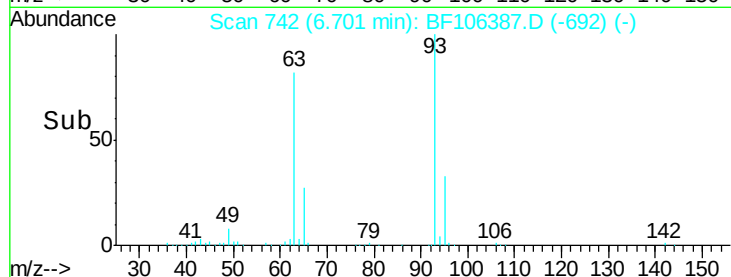
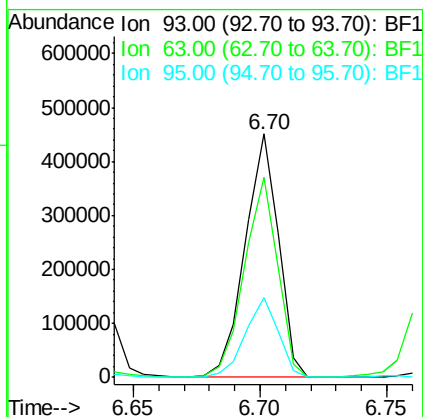
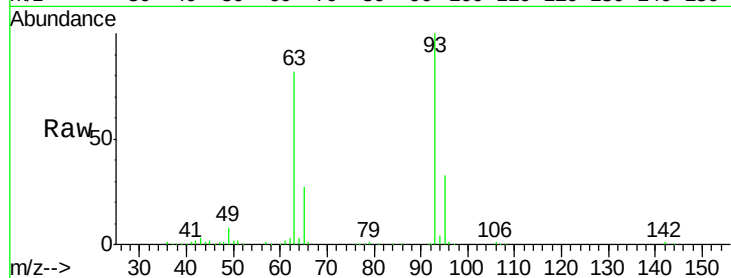




#11
bis(2-Chloroethyl)ether
Concen: 41.249 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

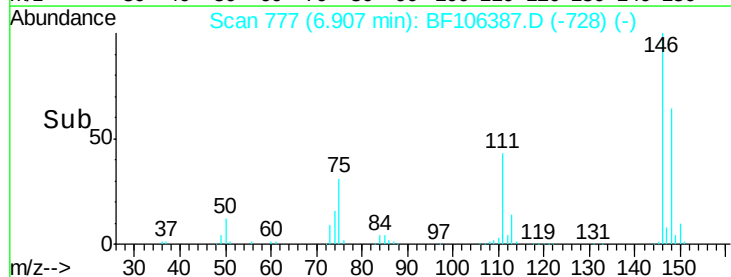
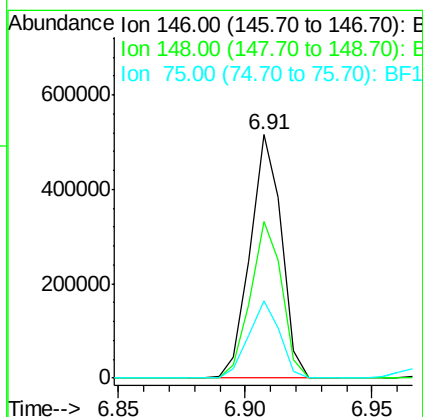
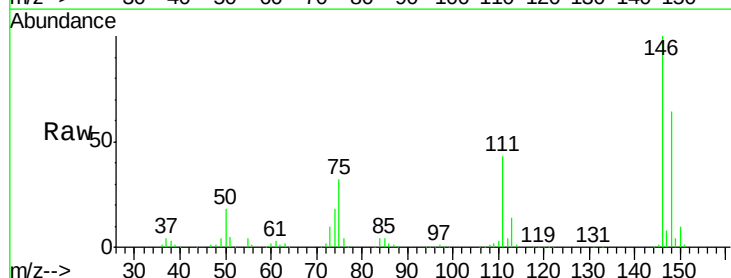
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

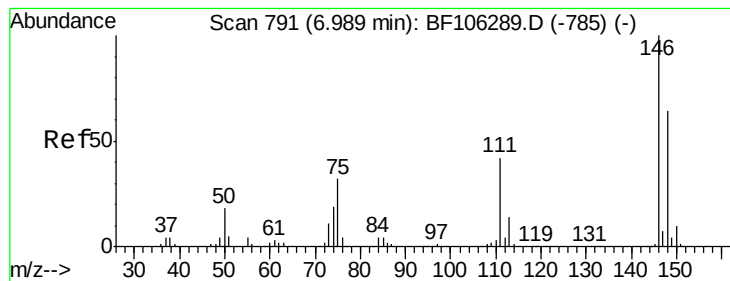
Tot Ion: 93 Resp: 413315
Ion Ratio Lower Upper
93 100
63 82.2 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.130 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion: 146 Resp: 441775
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 31.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.471 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

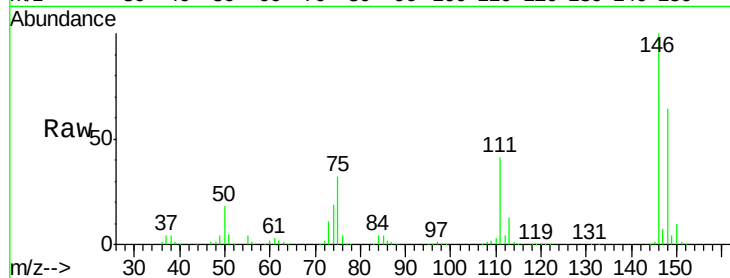
Tot Ion:146 Resp: 452019

Ion Ratio Lower Upper

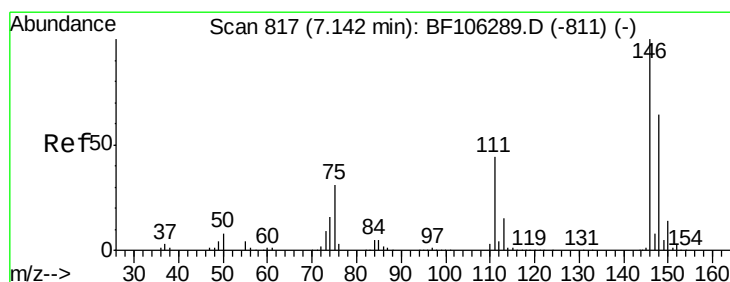
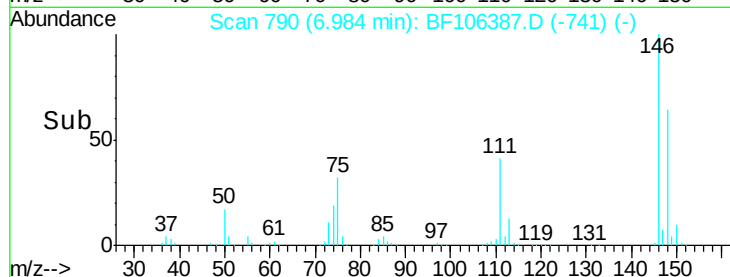
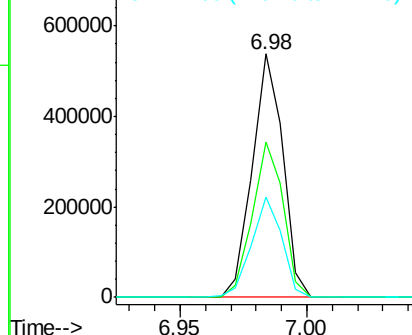
146 100

148 63.6 50.8 76.2

111 41.4 34.2 51.2



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: 40.338 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

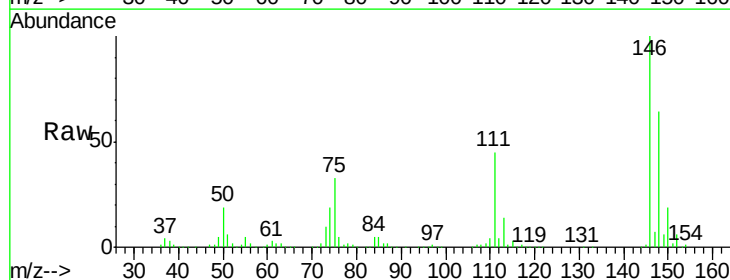
Tgt Ion:146 Resp: 413899

Ion Ratio Lower Upper

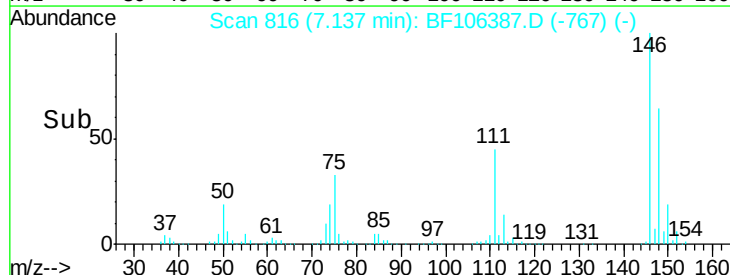
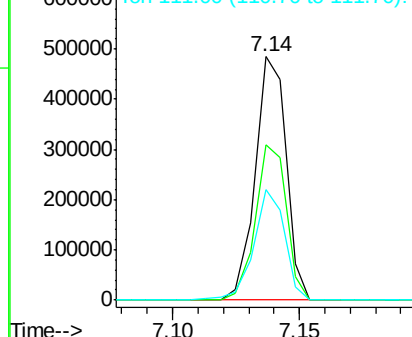
146 100

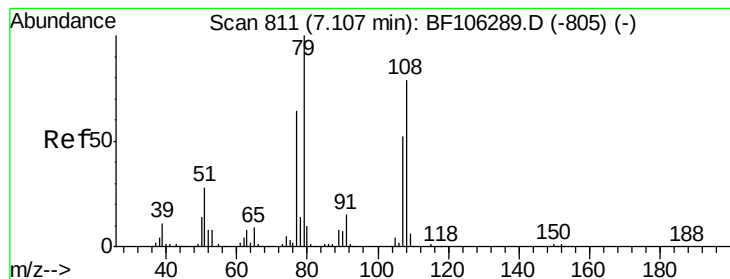
148 63.9 50.6 75.8

111 45.2 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 40.041 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

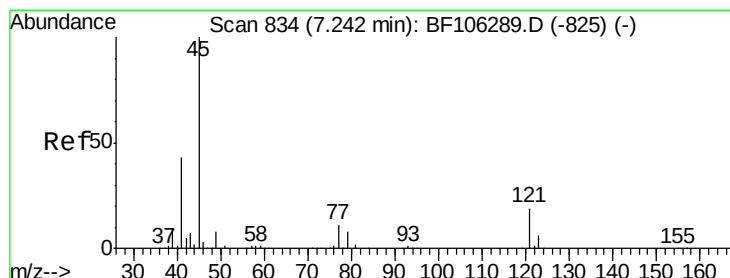
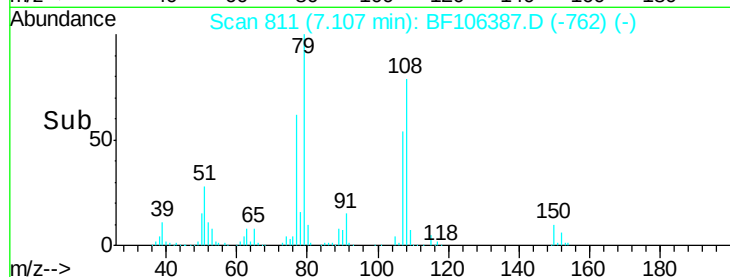
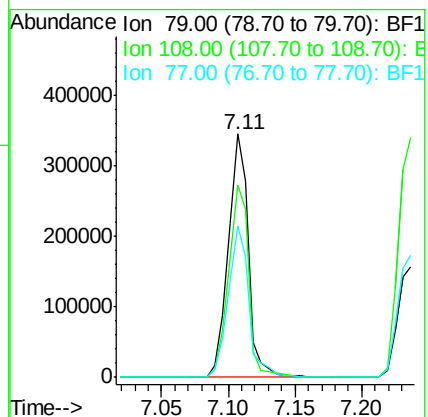
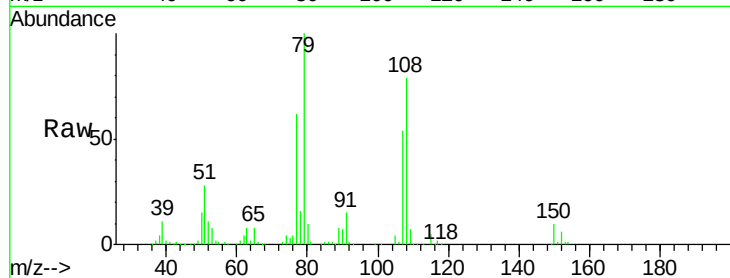
Tot Ion: 79 Resp: 367658

Ion Ratio Lower Upper

79 100

108 79.3 65.1 97.7

77 62.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.877 ng

RT: 7.24 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

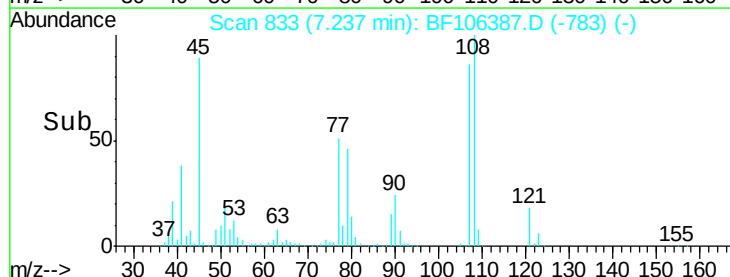
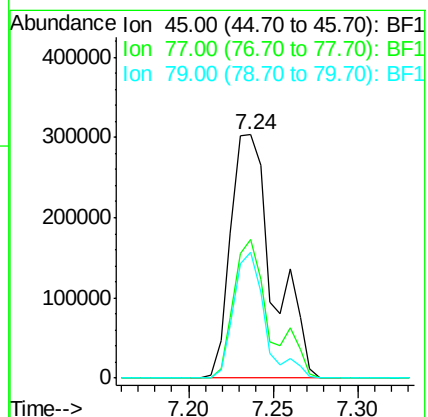
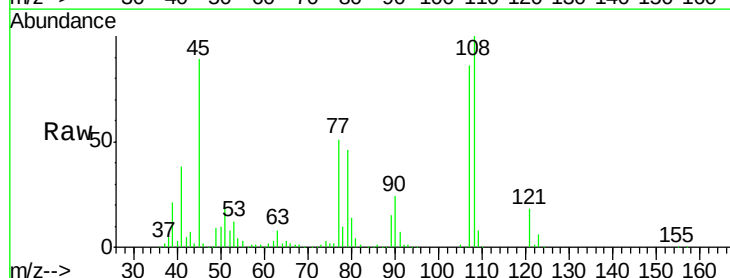
Tgt Ion: 45 Resp: 529680

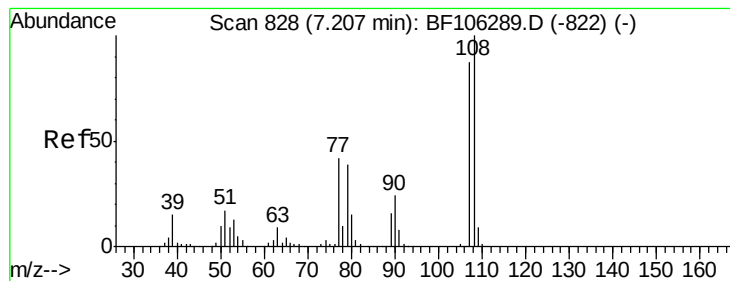
Ion Ratio Lower Upper

45 100

77 57.0 0.0 32.9#

79 51.5 0.0 29.6#

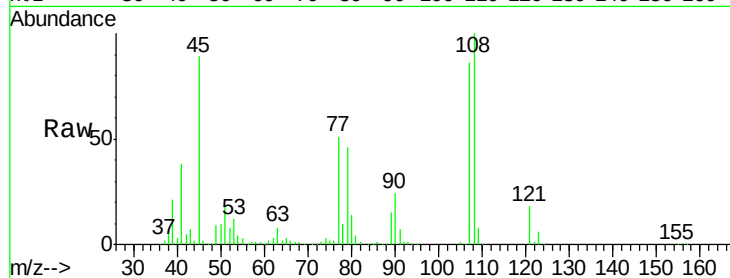




#17
2-Methylphenol
Concen: 42.470 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.5	91.7	137.5
77	59.2	33.8	50.8#
79	53.5	33.8	50.8#



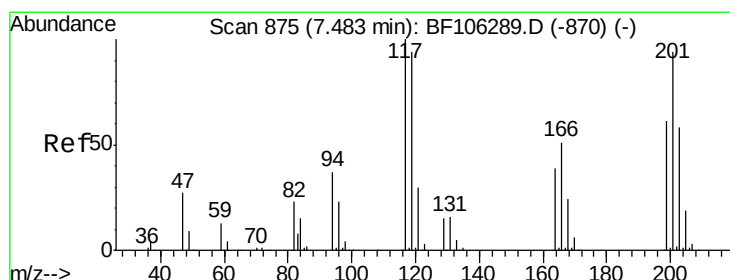
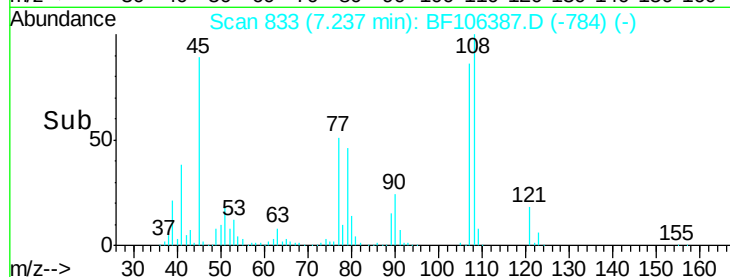
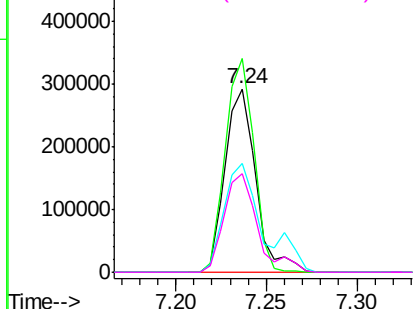
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

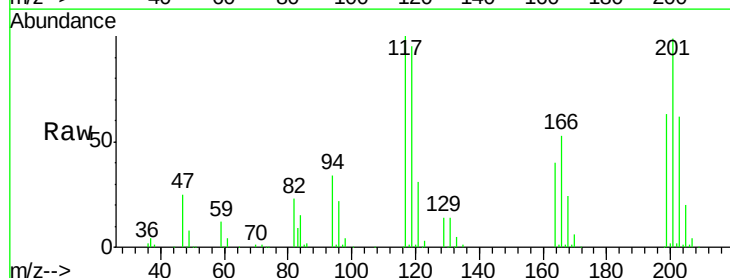
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.546 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.8	113.8
201	98.5	75.7	113.5

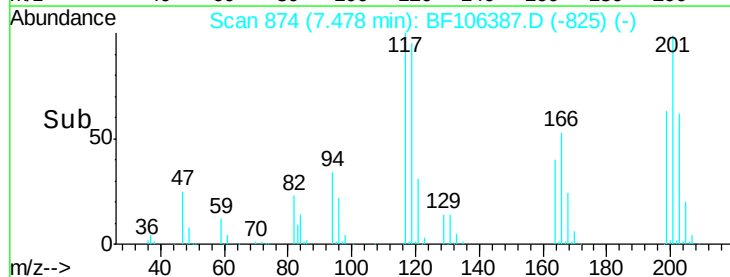
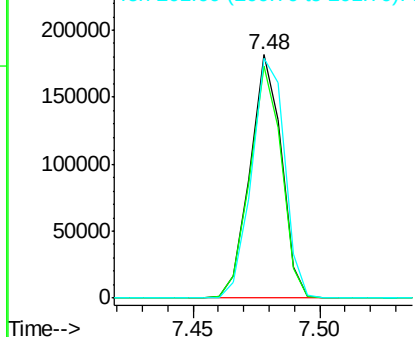


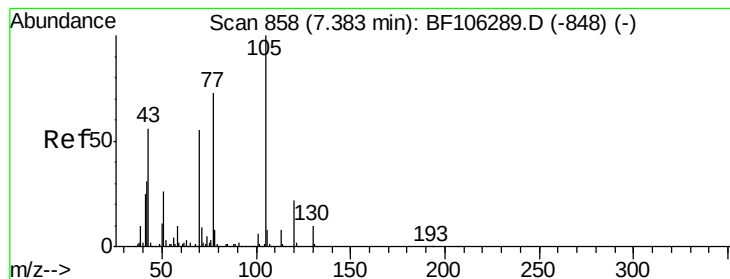
Abundance

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: 37.274 ng

RT: 7.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 299821

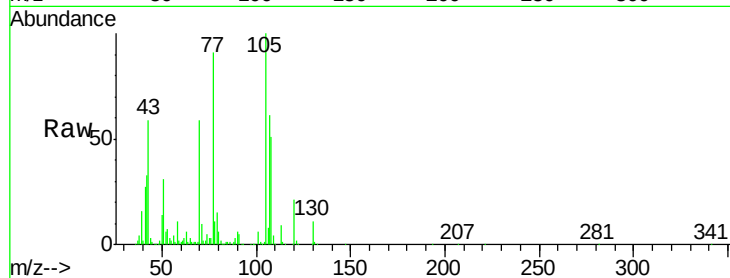
Ion Ratio Lower Upper

70 100

42 56.4 47.5 71.3

101 9.8 7.4 11.2

130 18.8 16.6 25.0

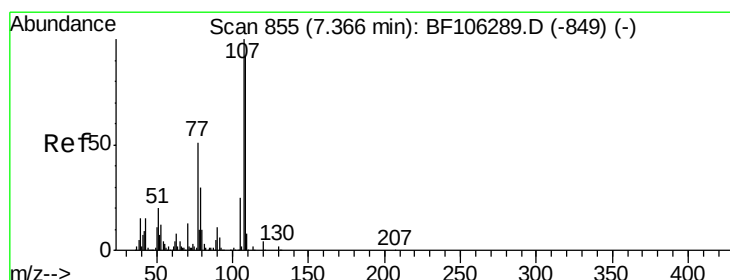
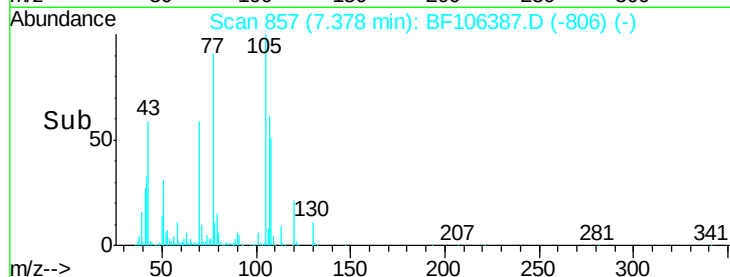
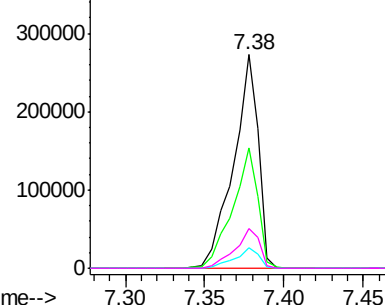


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 40.484 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Tgt Ion: 107 Resp: 421543

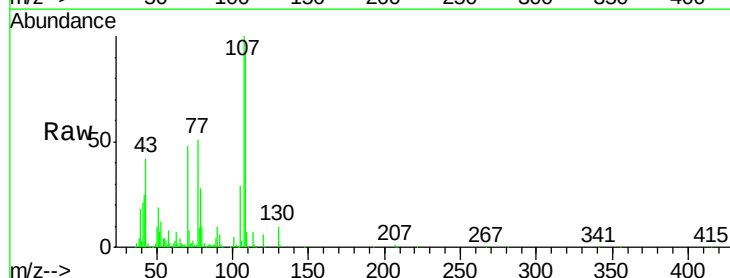
Ion Ratio Lower Upper

107 100

108 92.8 68.2 108.2

77 50.6 26.7 66.7

79 28.5 6.3 46.3

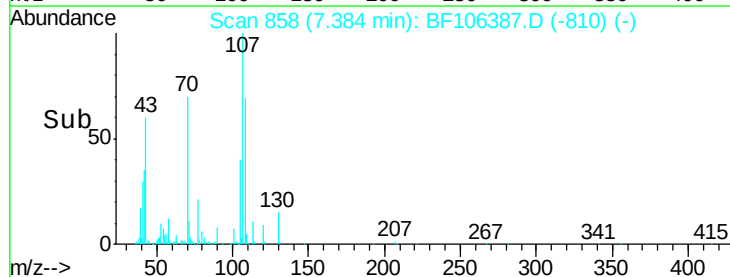
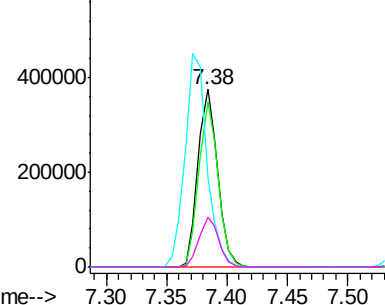


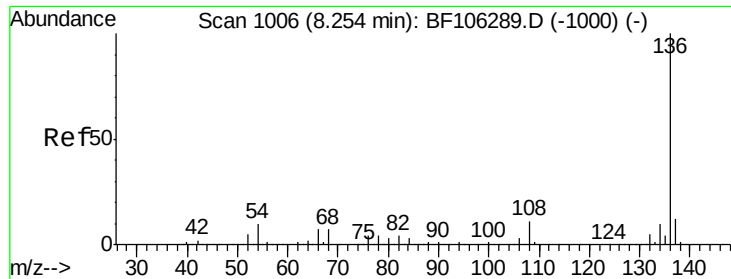
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 592860

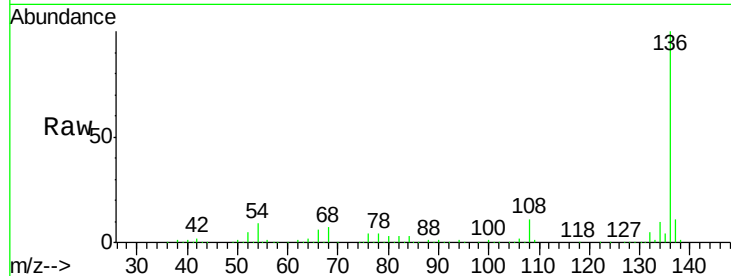
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.2 6.6 9.8

68 7.1 5.0 7.4

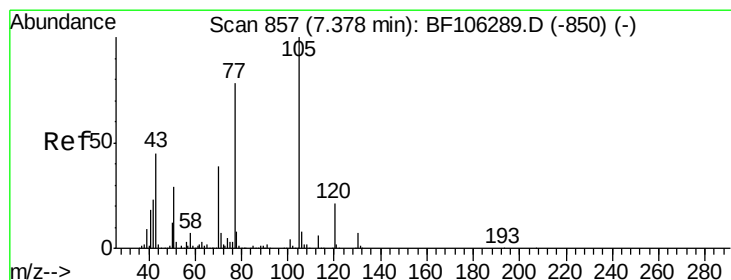
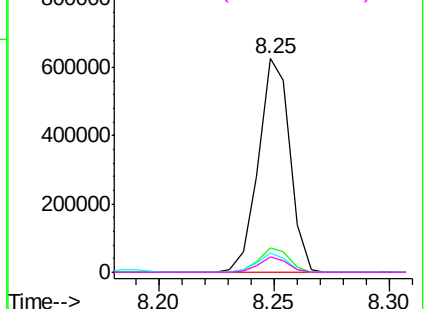
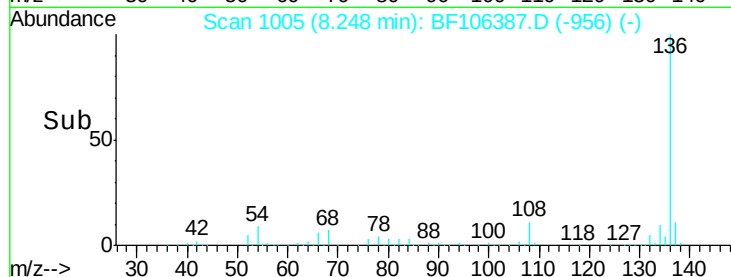


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.168 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Tgt Ion:105 Resp: 570247

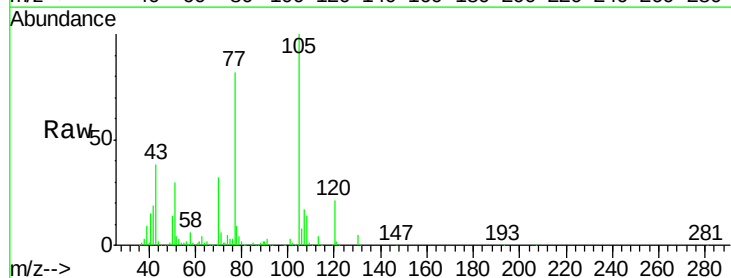
Ion Ratio Lower Upper

105 100

71 5.6 4.4 6.6

51 29.6 22.3 33.5

120 21.0 16.9 25.3

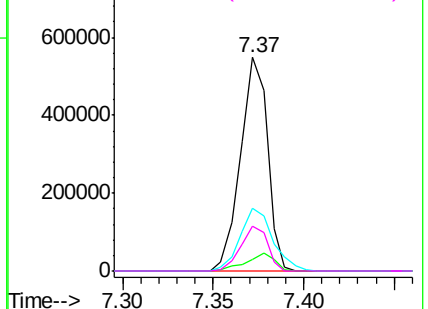
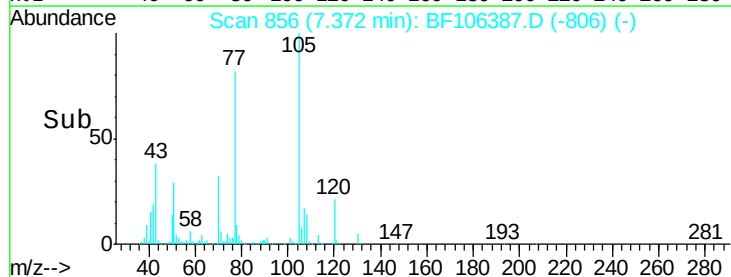


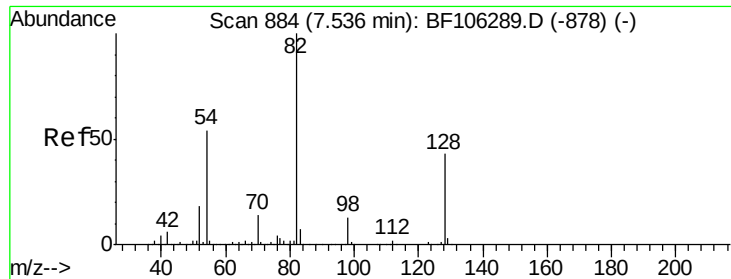
Abundance Ion 105.00 (104.70 to 105.70): E

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

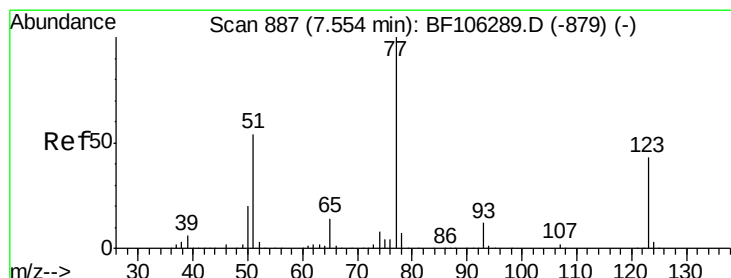
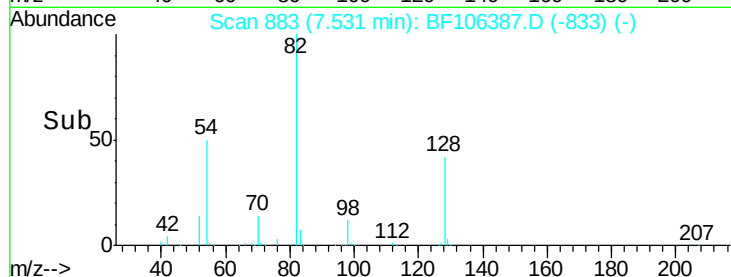
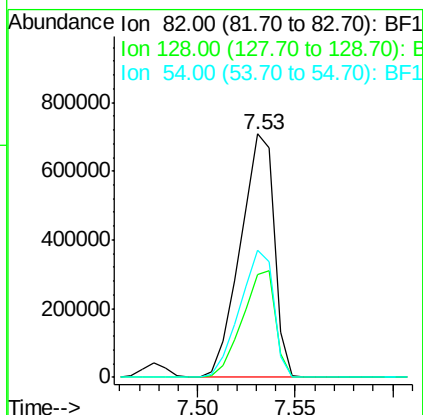
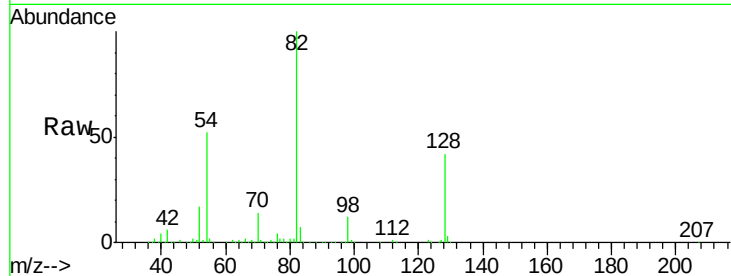




#23
Nitrobenzene-d5
Concen: 84.335 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

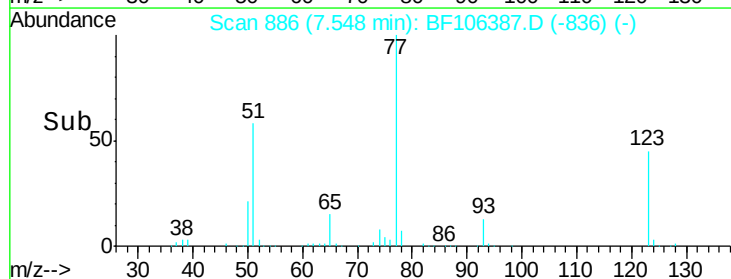
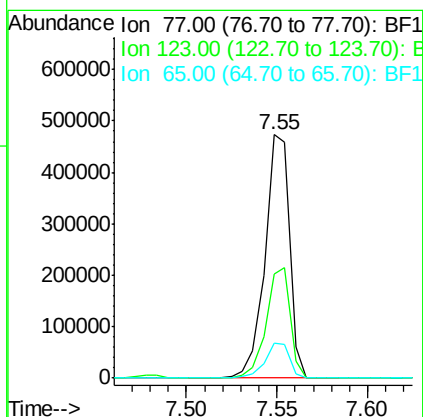
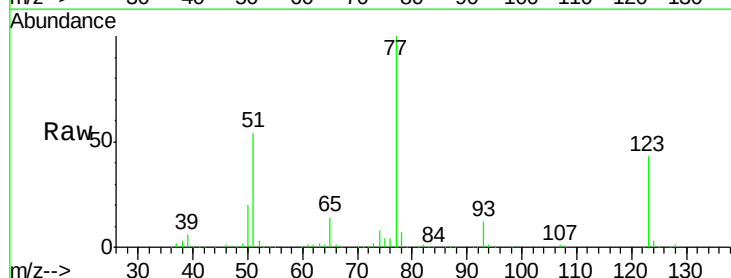
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

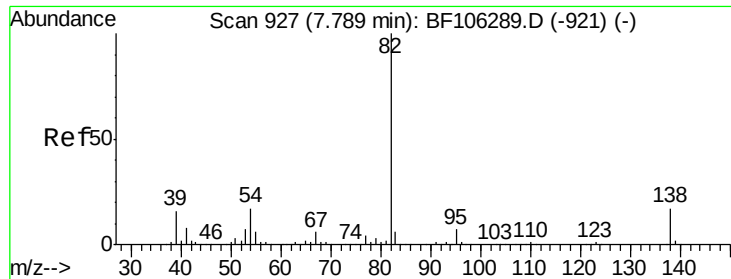
Tot Ion: 82 Resp: 849909
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 52.3 41.4 62.2



#24
Nitrobenzene
Concen: 40.770 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion: 77 Resp: 446574
Ion Ratio Lower Upper
77 100
123 42.5 37.9 56.9
65 14.3 11.0 16.4

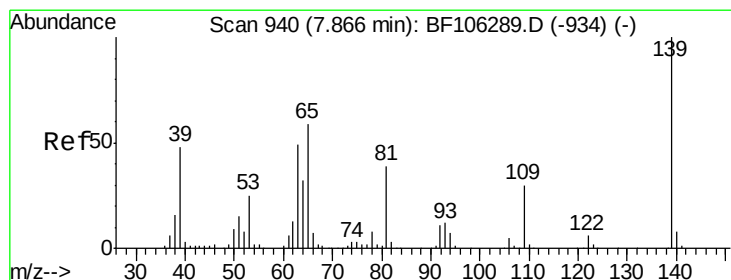
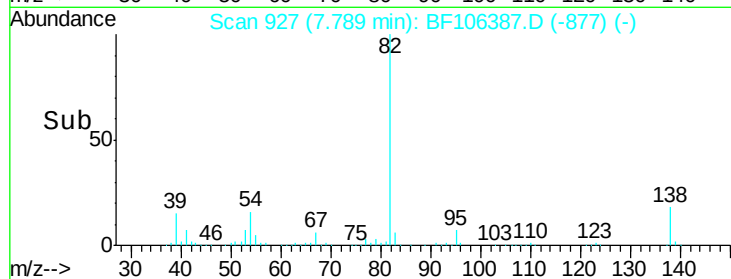
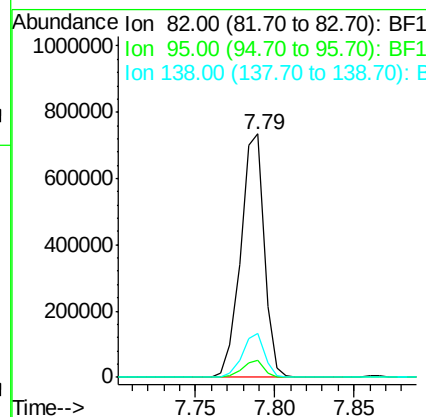
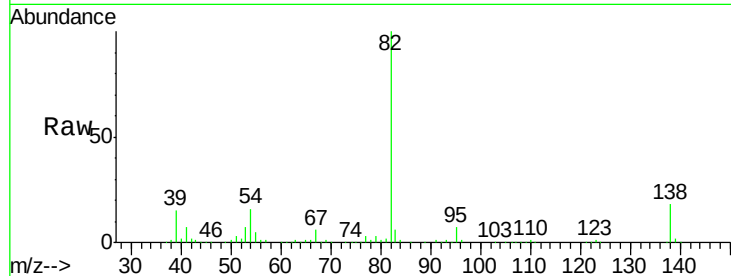




#25
Isophorone
Concen: 38.285 ng
RT: 7.79 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

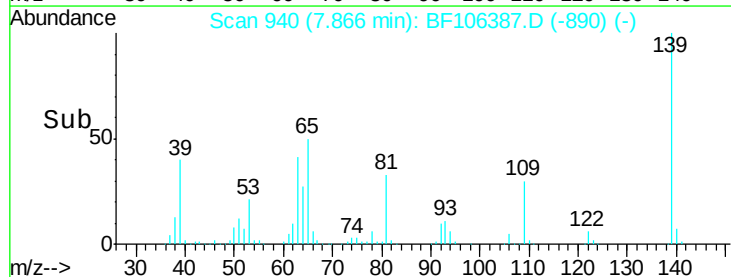
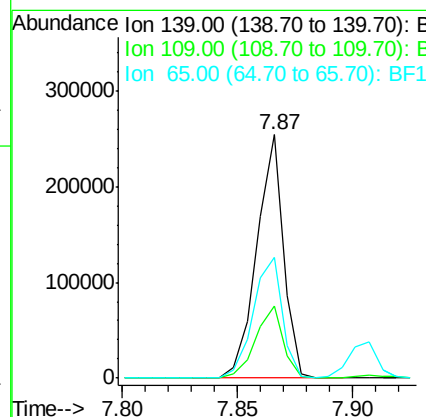
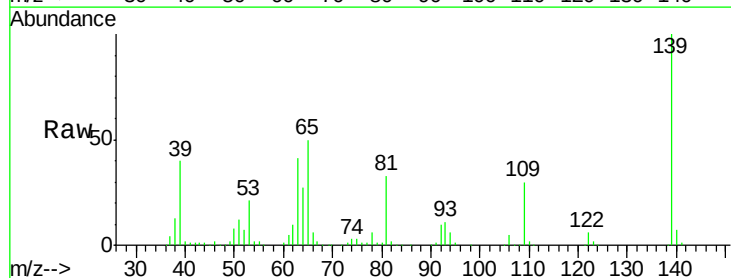
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

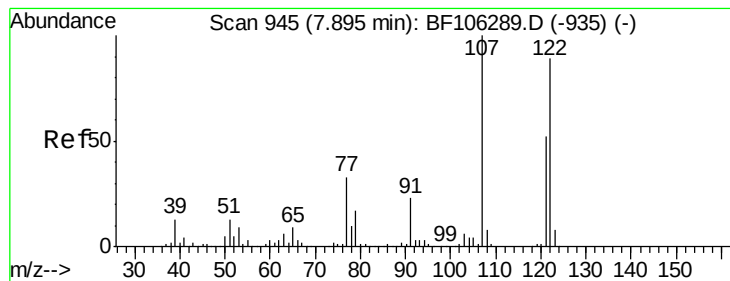
Tot Ion: 82 Resp: 753611
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 18.2 14.9 22.3



#26
2-Nitrophenol
Concen: 48.553 ng
RT: 7.87 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion: 139 Resp: 206430
Ion Ratio Lower Upper
139 100
109 29.7 22.7 34.1
65 49.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.794 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

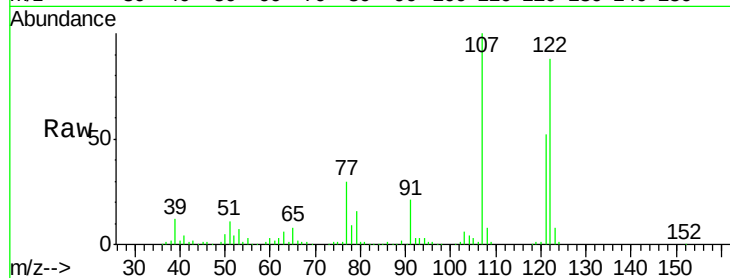
Tot Ion:122 Resp: 323279

Ion Ratio Lower Upper

122 100

107 114.1 91.2 136.8

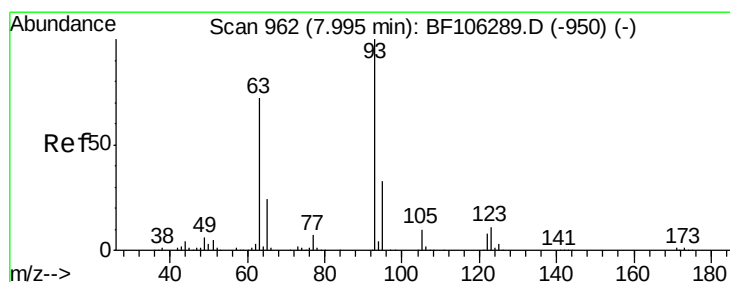
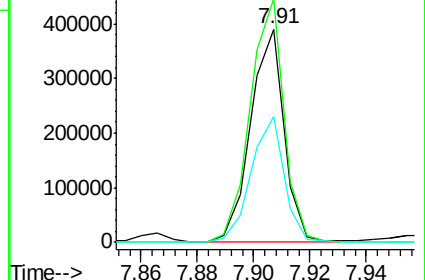
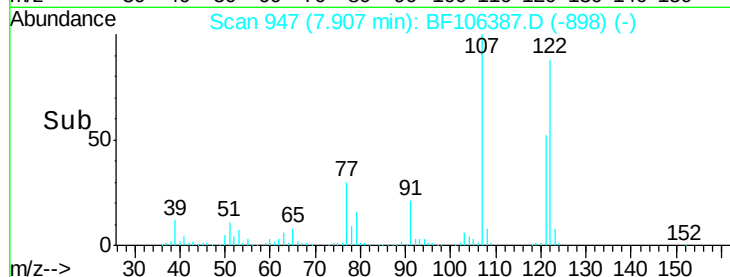
121 59.2 47.2 70.8



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: 40.165 ng

RT: 7.99 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

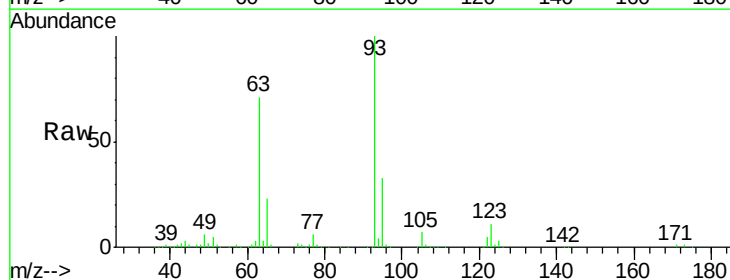
Tgt Ion: 93 Resp: 512651

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

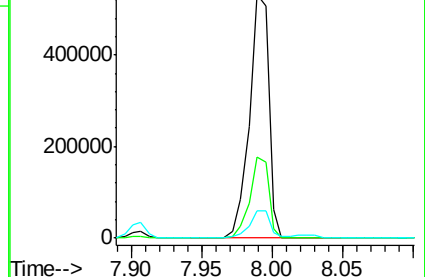
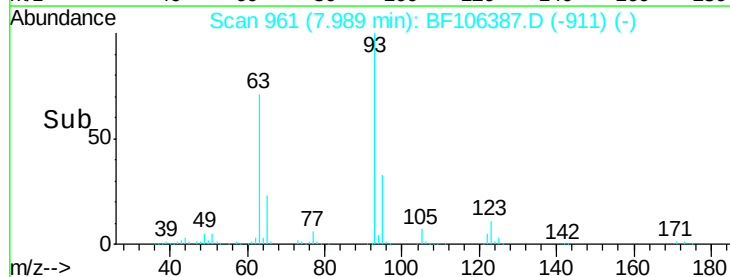
123 11.0 9.8 14.6

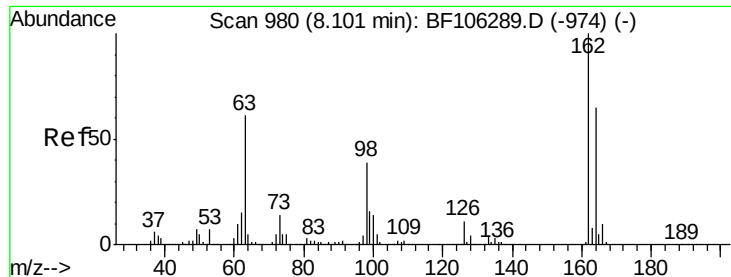


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

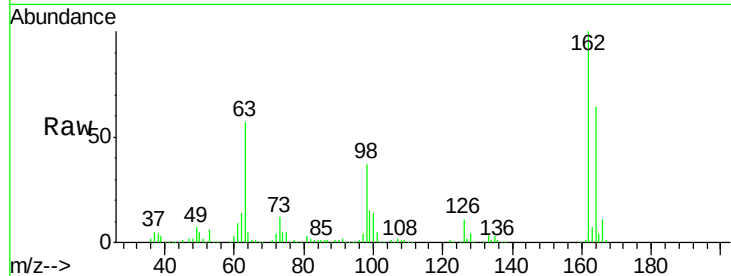




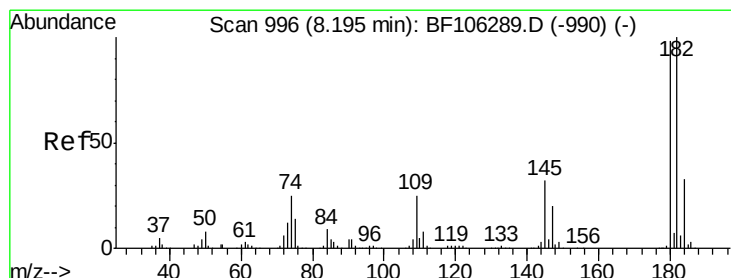
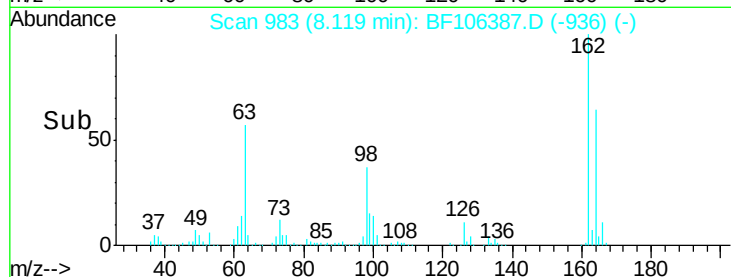
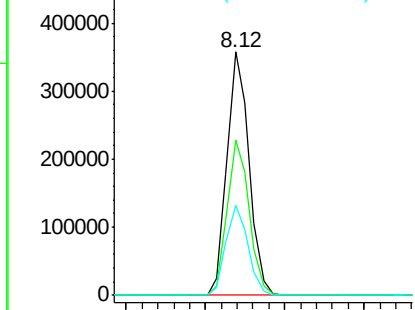
#29
 2,4-Dichlorophenol
 Concen: 42.981 ng
 RT: 8.12 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BF106387.D
 Acq: 13 Jun 2018 13:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	37.2	18.1	58.1

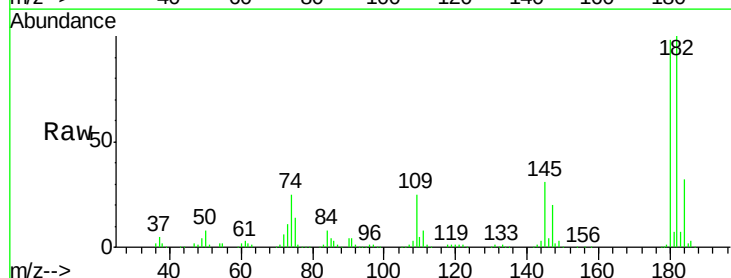


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

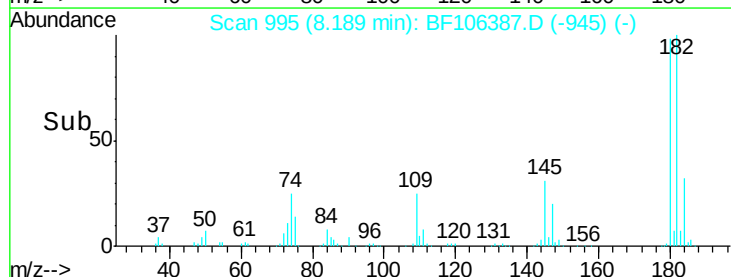
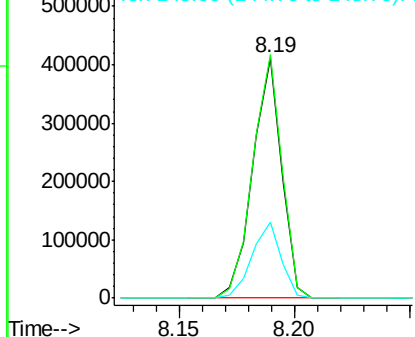


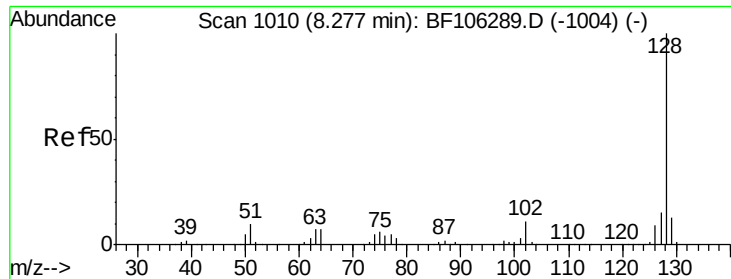
#30
 1,2,4-Trichlorobenzene
 Concen: 40.065 ng
 RT: 8.19 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF106387.D
 Acq: 13 Jun 2018 13:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.5	76.8	115.2
145	31.9	26.5	39.7



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: 40.624 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

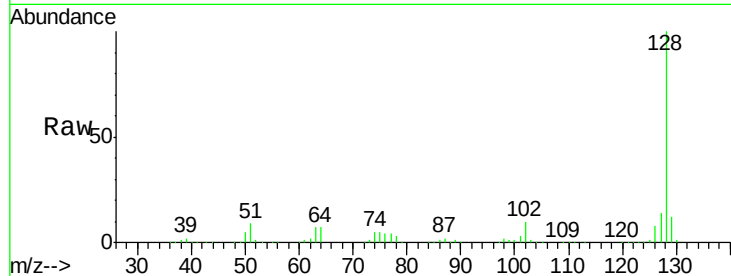
Tot Ion:128 Resp: 1088753

Ion Ratio Lower Upper

128 100

129 12.3 8.8 13.2

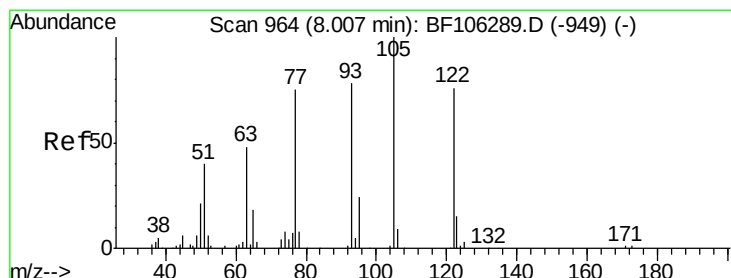
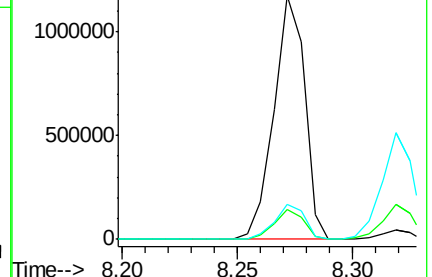
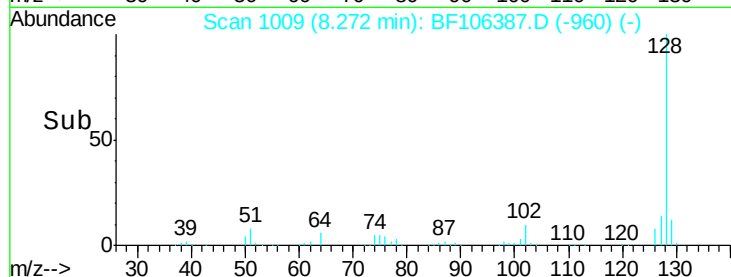
127 14.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.404 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.02 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

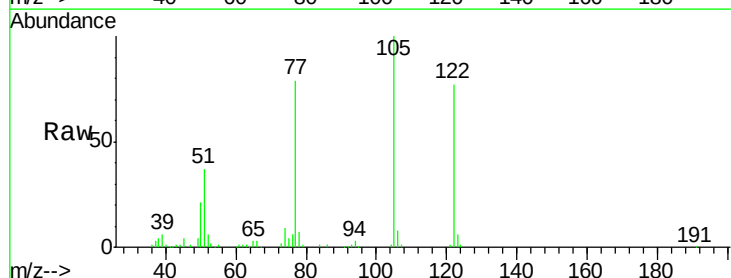
Tgt Ion:122 Resp: 225480

Ion Ratio Lower Upper

122 100

105 129.1 101.1 141.1

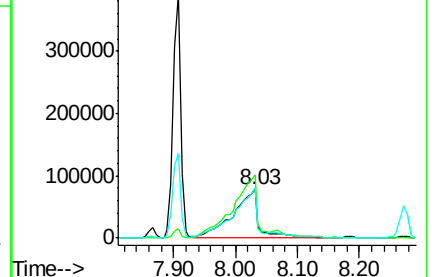
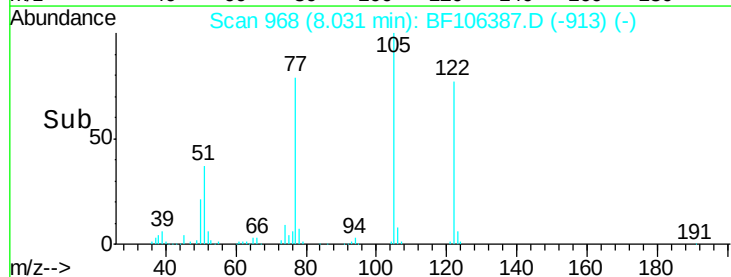
77 101.9 70.7 110.7

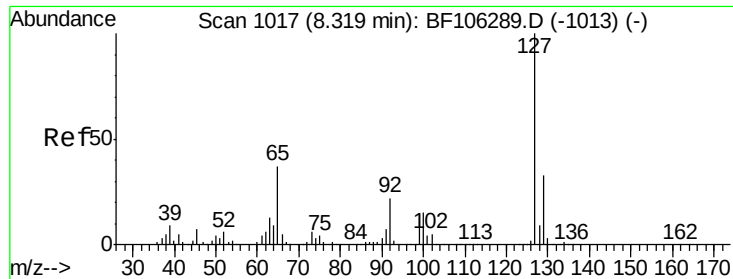


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

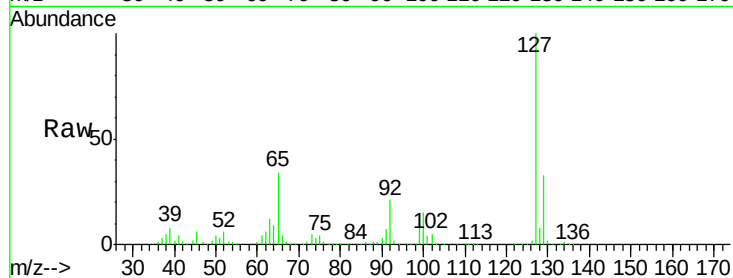




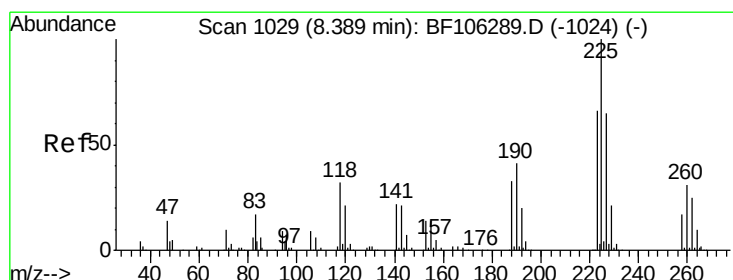
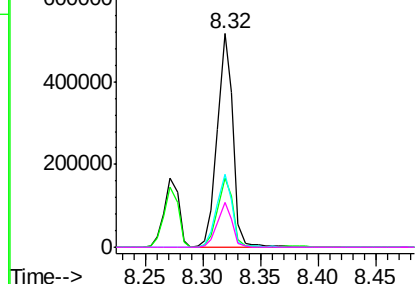
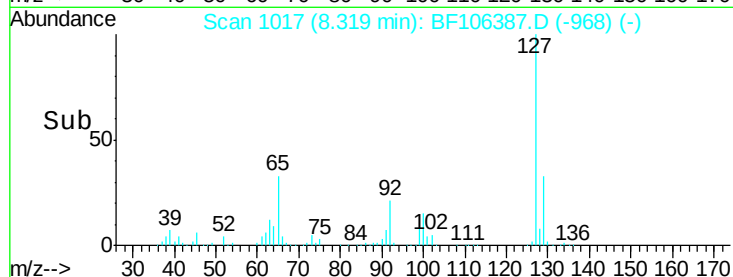
#33
4-Chloroaniline
Concen: 40.965 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	486535
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	34.1	25.0	37.4
92	20.8	15.2	22.8

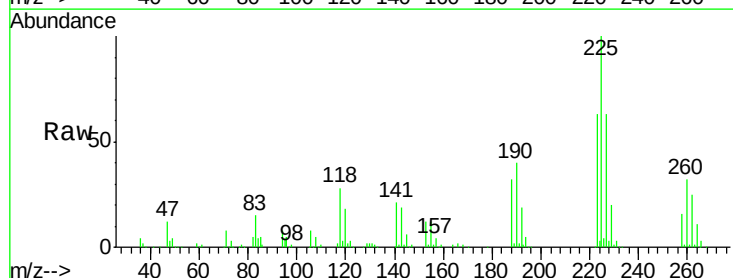


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

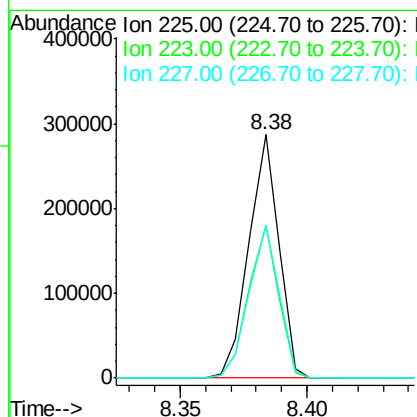
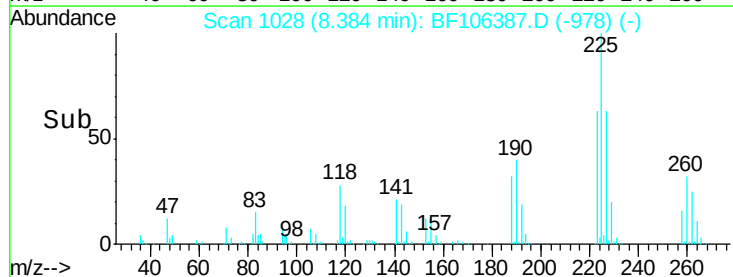


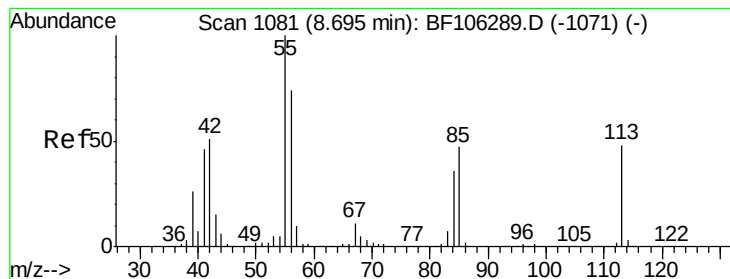
#34
Hexachlorobutadiene
Concen: 40.967 ng
RT: 8.38 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion:	225	Resp:	237243
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	62.6	51.9	77.9



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: 43.758 ng

RT: 8.70 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

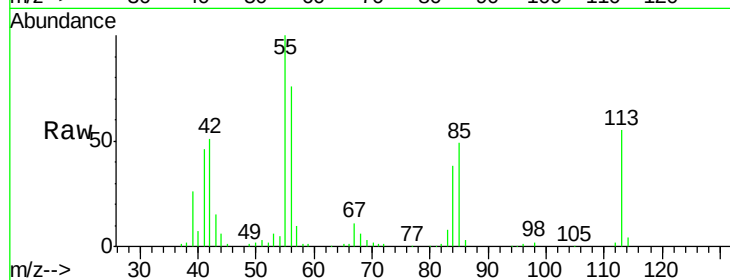
Tot Ion:113 Resp: 118990

Ion Ratio Lower Upper

113 100

55 180.7 163.3 203.3

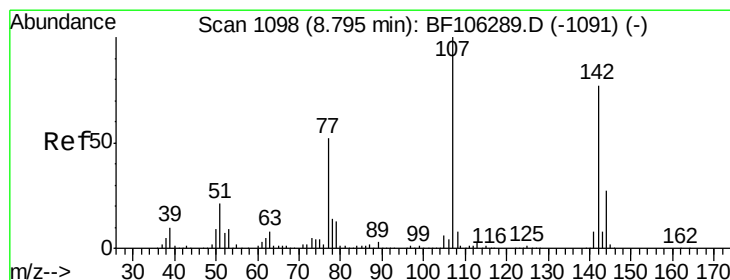
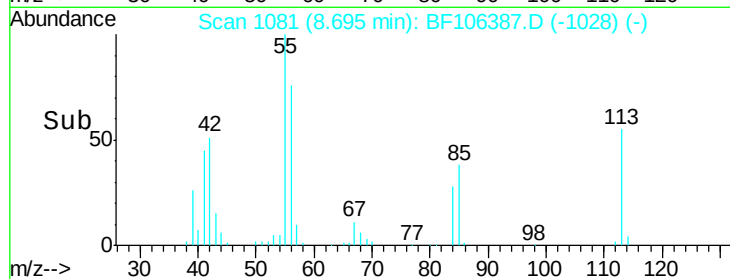
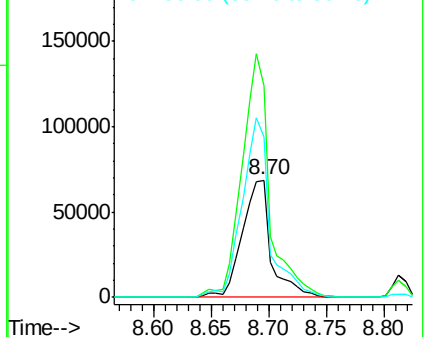
56 136.5 115.7 155.7



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: 40.519 ng

RT: 8.81 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

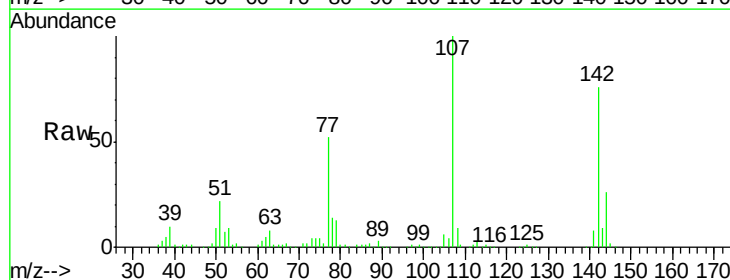
Tgt Ion:107 Resp: 360332

Ion Ratio Lower Upper

107 100

144 26.1 20.5 30.7

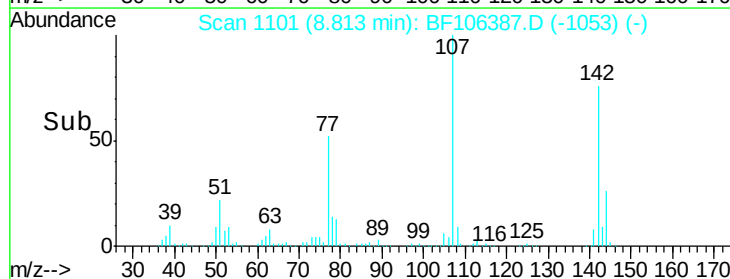
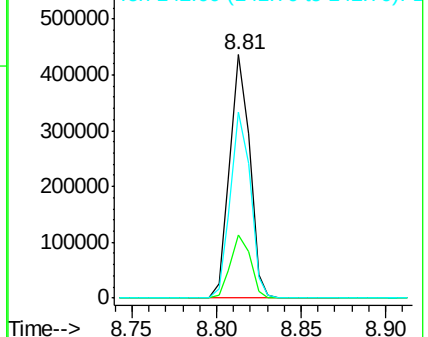
142 76.4 62.0 93.0

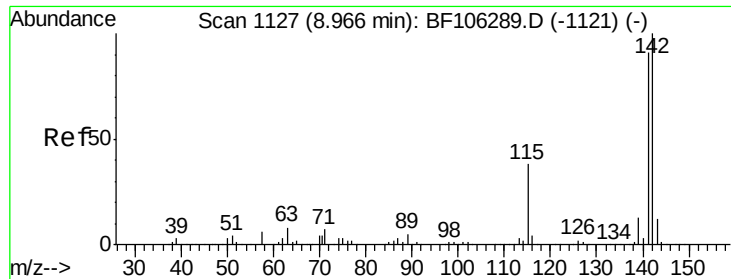


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

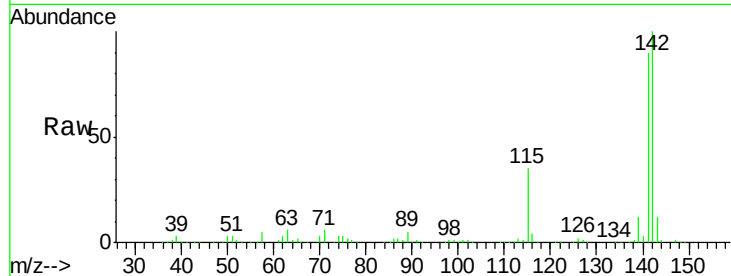




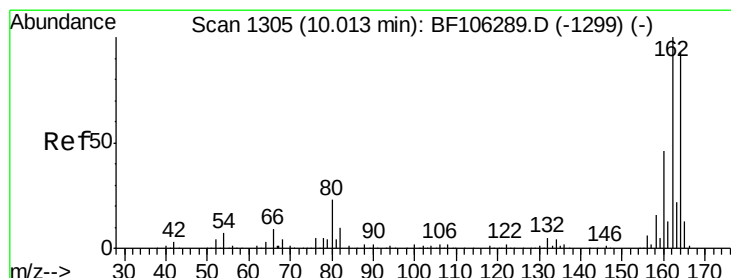
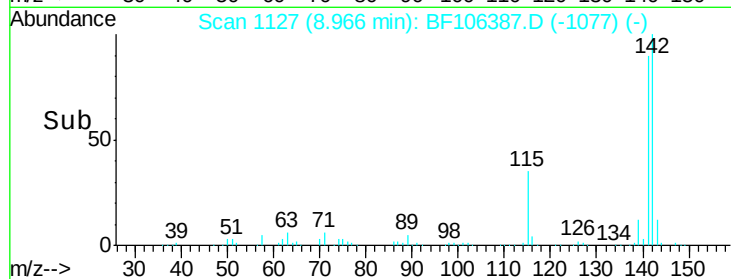
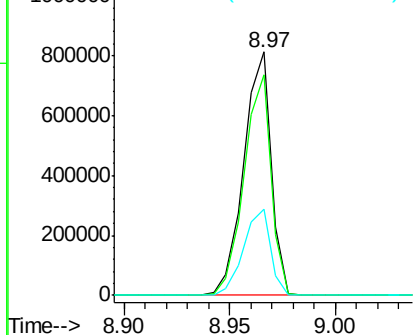
#37
2-Methylnaphthalene
Concen: 40.159 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
115	35.4	26.1	39.1

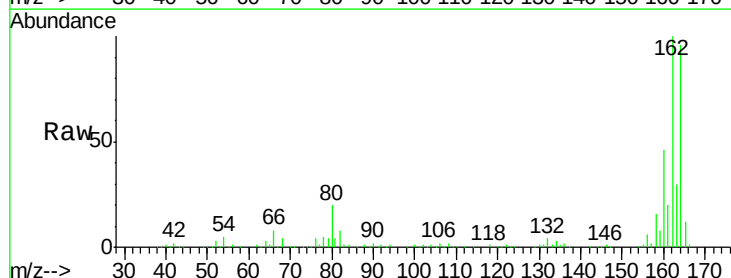


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

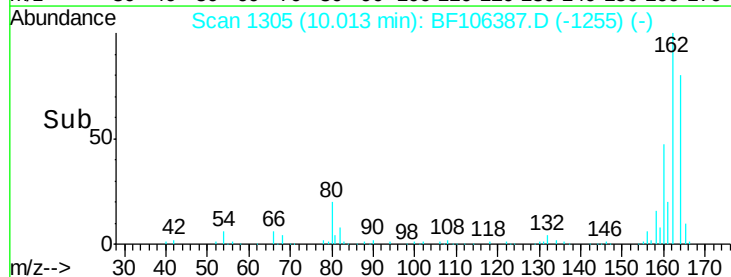
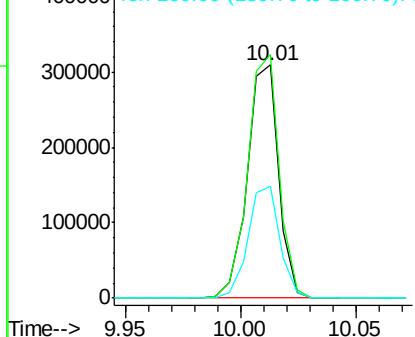


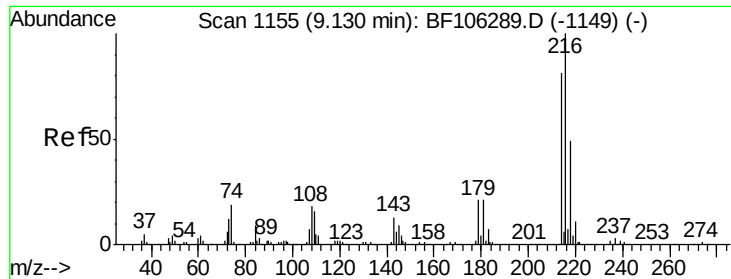
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	48.2	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.671 ng

RT: 9.13 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 386174

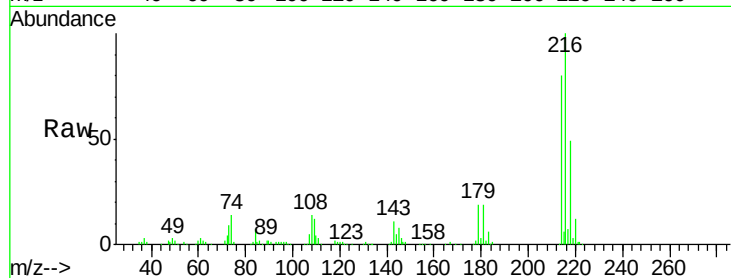
Ion Ratio Lower Upper

216 100

214 80.7 63.0 94.4

179 20.3 18.1 27.1

108 18.0 17.2 25.8

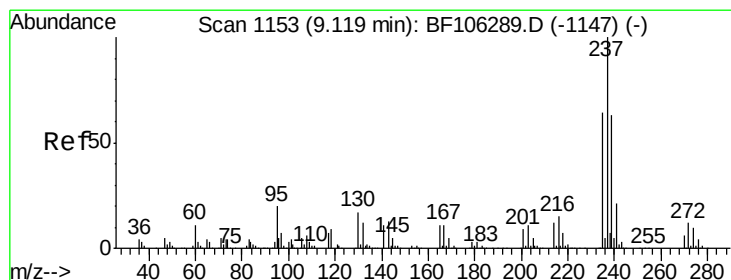
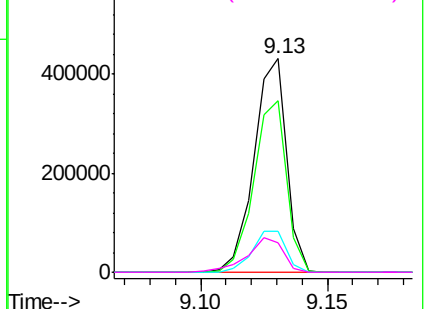
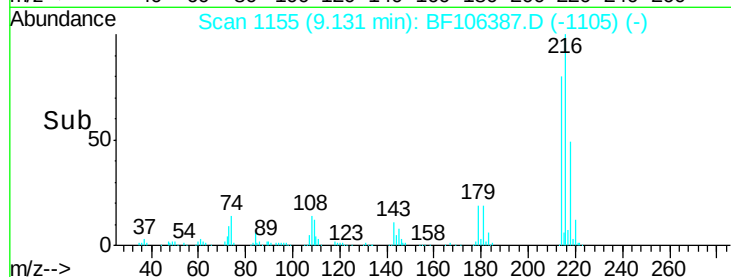


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.597 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

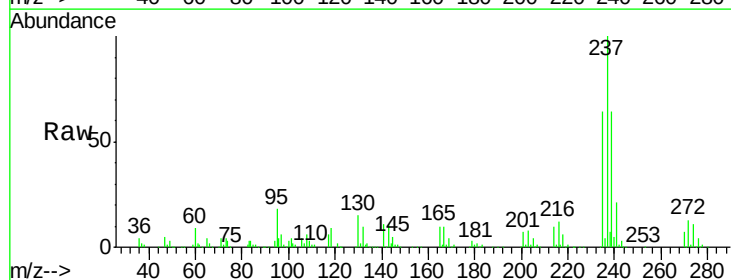
Tgt Ion:237 Resp: 217918

Ion Ratio Lower Upper

237 100

235 63.8 44.8 84.8

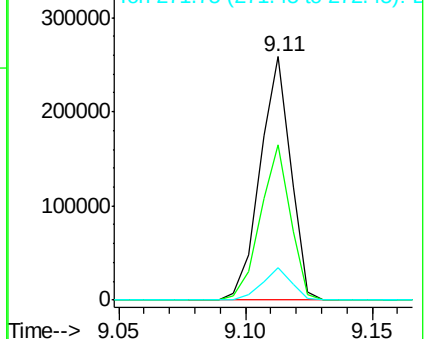
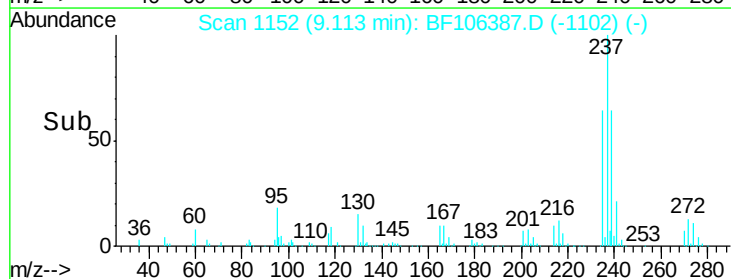
272 13.1 0.0 33.3

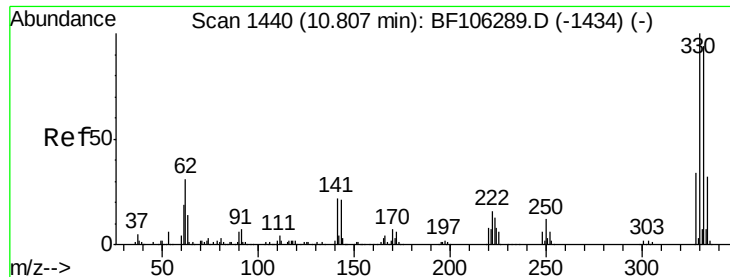


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 97.359 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

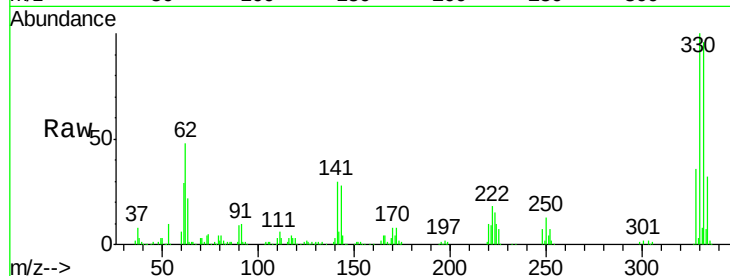
Tot Ion:330 Resp: 273994

Ion Ratio Lower Upper

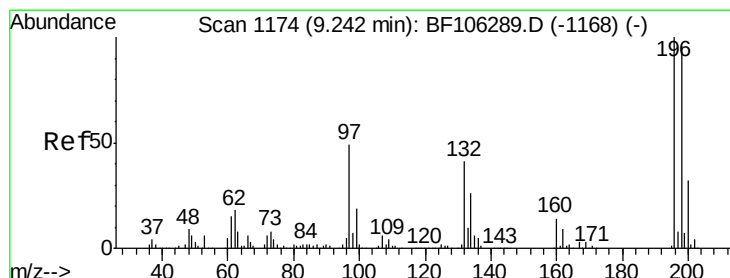
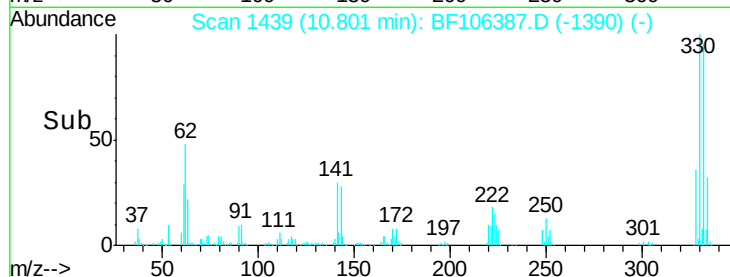
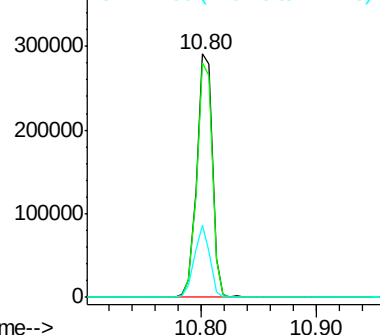
330 100

332 95.7 77.0 115.6

141 28.8 29.9 44.9#



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



#42

2,4,6-Trichlorophenol

Concen: 43.278 ng

RT: 9.25 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

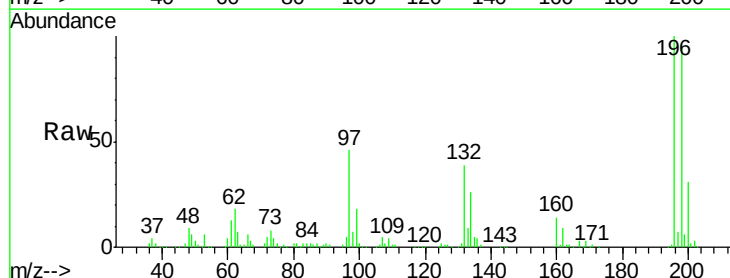
Tgt Ion:196 Resp: 261875

Ion Ratio Lower Upper

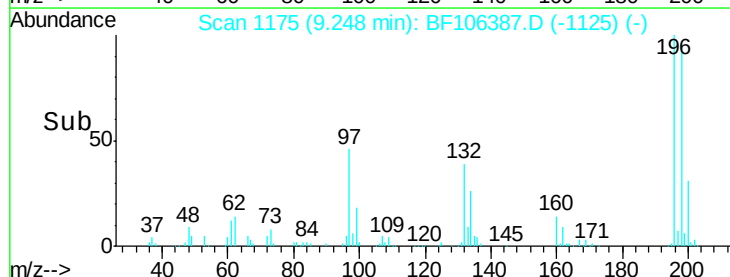
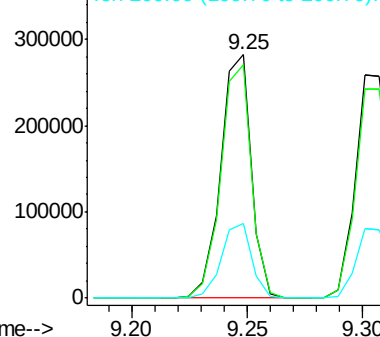
196 100

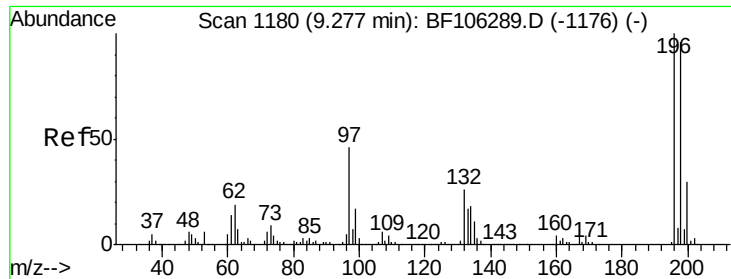
198 95.8 75.7 113.5

200 30.9 24.5 36.7



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

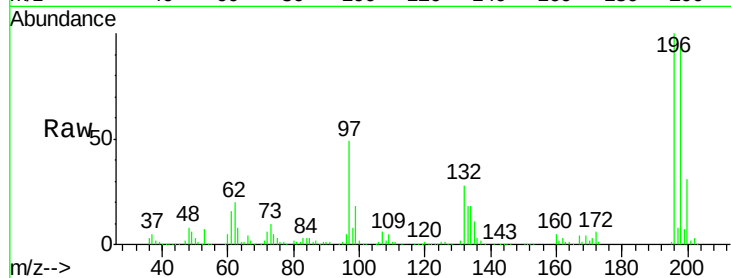




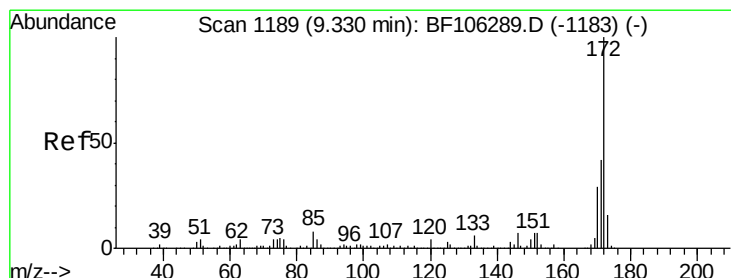
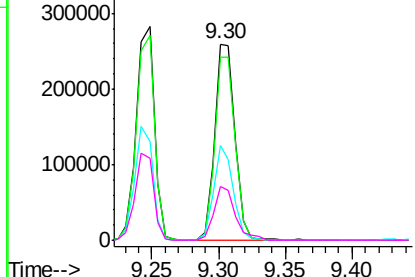
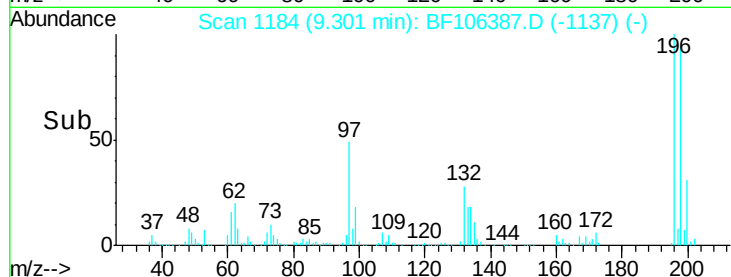
#43
 2,4,5-Trichlorophenol
 Concen: 42.513 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF106387.D
 Acq: 13 Jun 2018 13:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 277321
 Ion Ratio Lower Upper
 196 100
 198 93.6 74.6 112.0
 97 48.6 42.9 64.3
 132 27.7 26.3 39.5

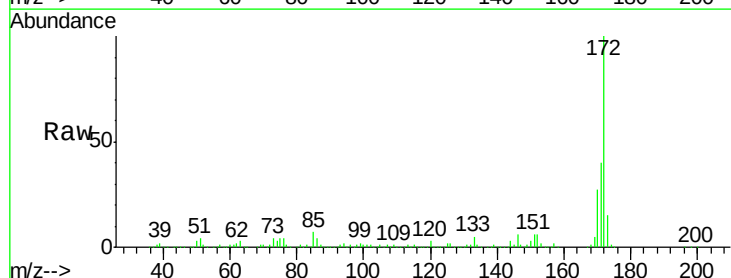


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

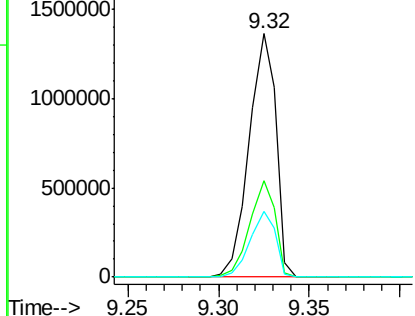
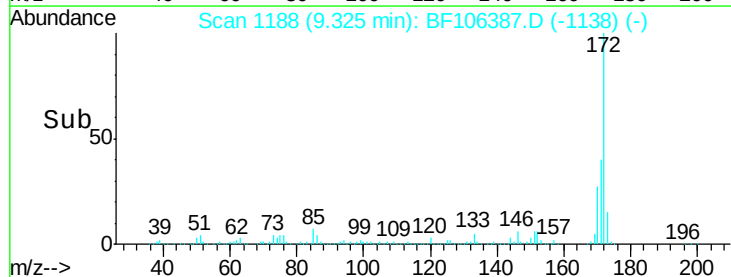


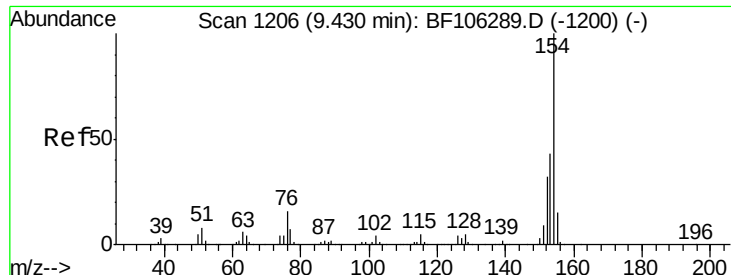
#44
 2-Fluorobiphenyl
 Concen: 85.028 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106387.D
 Acq: 13 Jun 2018 13:22

Tgt Ion:172 Resp: 1400282
 Ion Ratio Lower Upper
 172 100
 171 39.7 29.7 44.5
 170 27.1 19.6 29.4



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

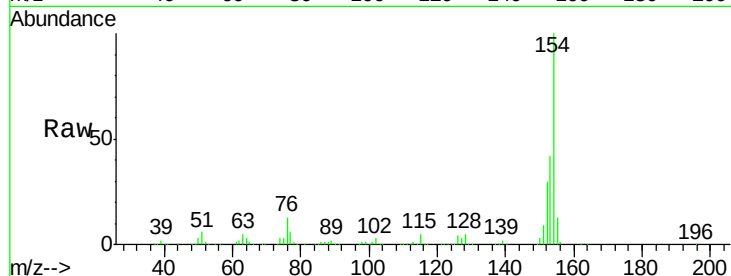




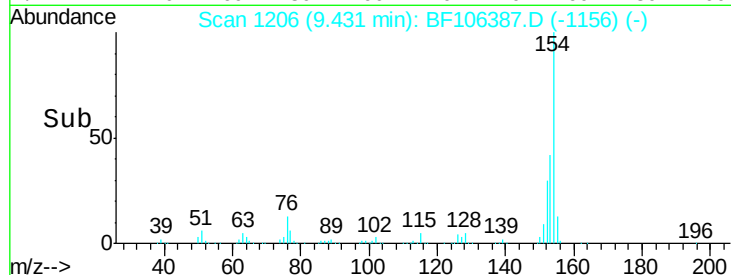
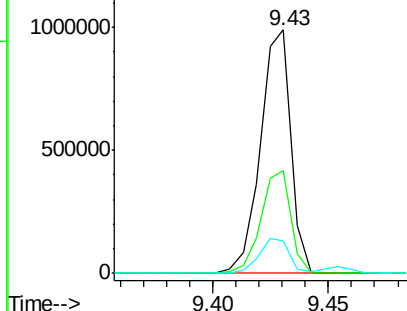
#45
 1,1'-Biphenyl
 Concen: 40.063 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF106387.D
 Acq: 13 Jun 2018 13:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	154	Resp:	907626
Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.3	61.3
76	13.2	0.0	34.0

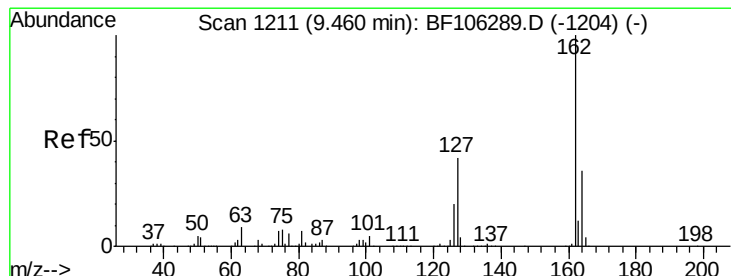


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

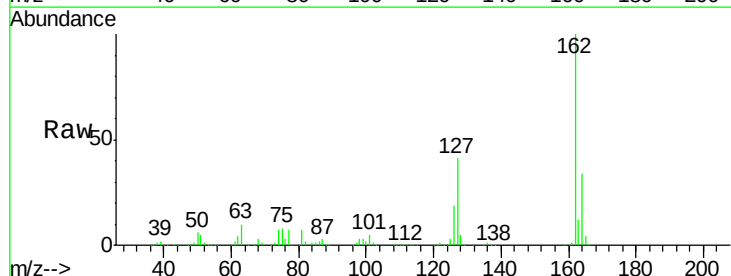
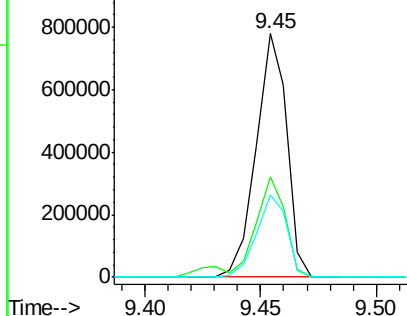


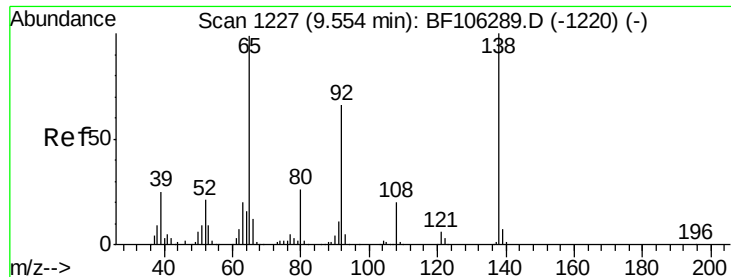
#46
 2-Chloronaphthalene
 Concen: 39.812 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF106387.D
 Acq: 13 Jun 2018 13:22

Tgt Ion:	162	Resp:	721783
Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.9	50.9
164	33.6	26.5	39.7



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

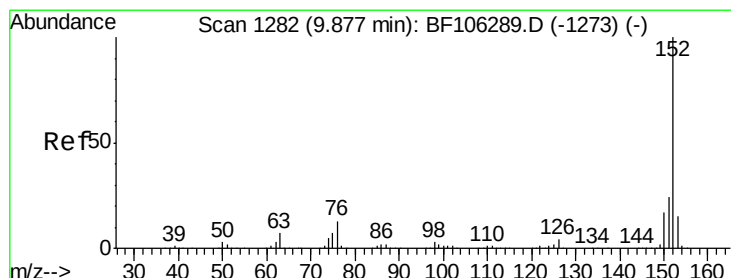
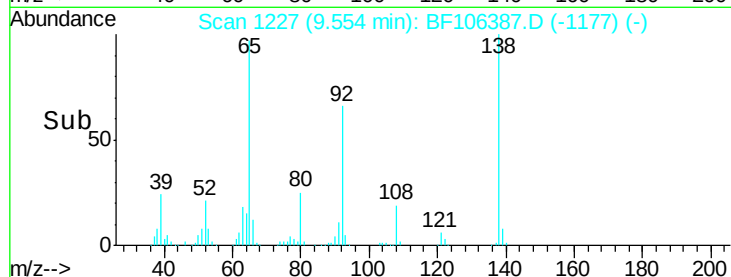
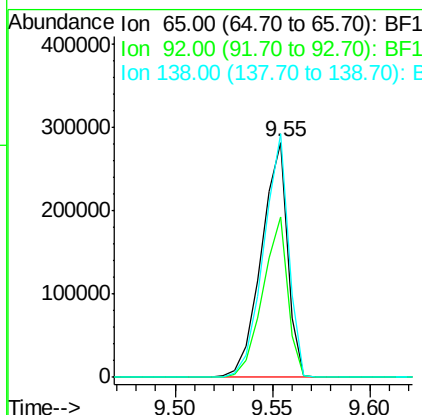
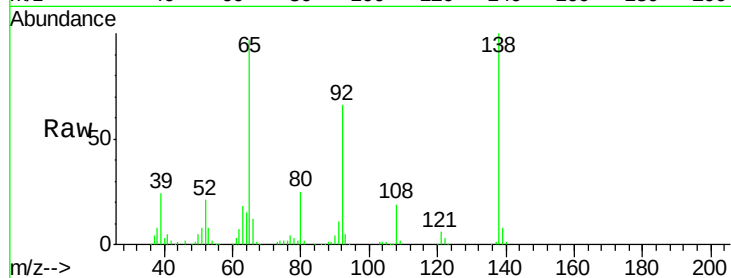




#47
2-Nitroaniline
Concen: 45.836 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

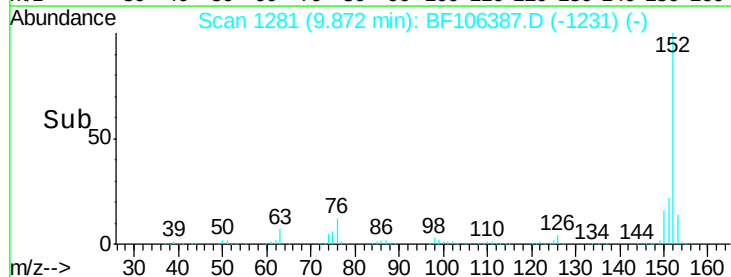
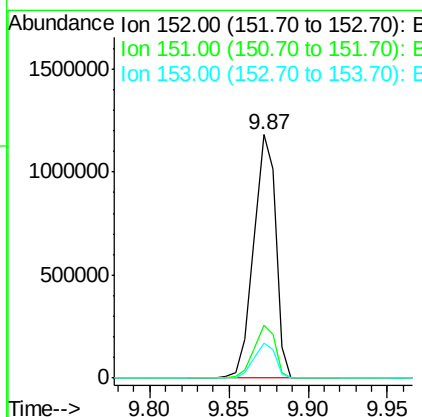
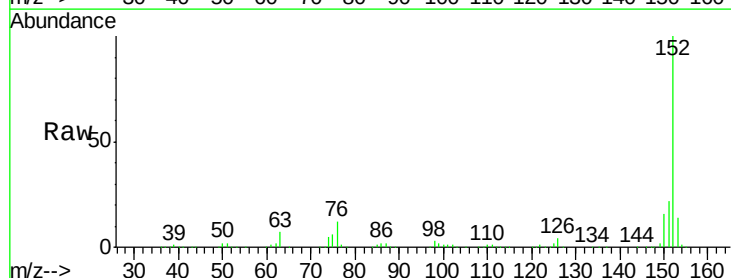
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

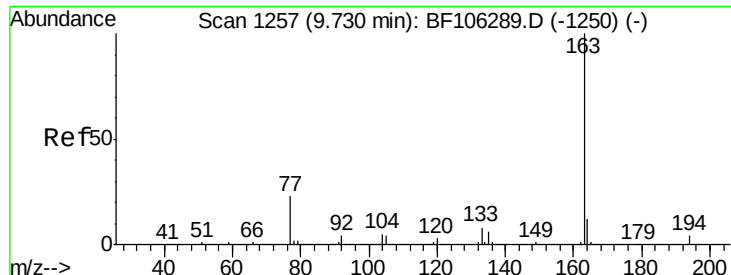
Tot Ion: 65 Resp: 261418
Ion Ratio Lower Upper
65 100
92 68.3 55.8 83.6
138 103.6 91.2 136.8



#48
Acenaphthylene
Concen: 41.089 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion: 152 Resp: 1140215
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 14.3 10.7 16.1

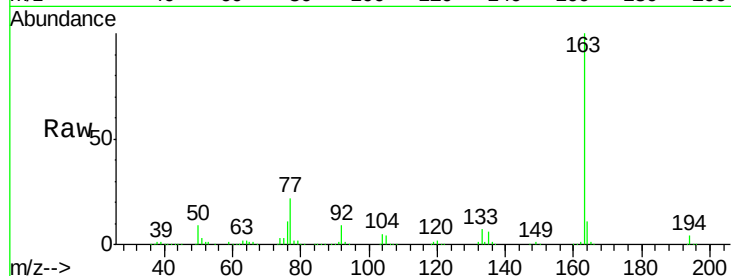




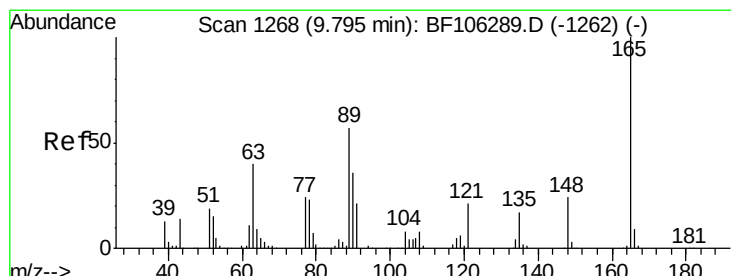
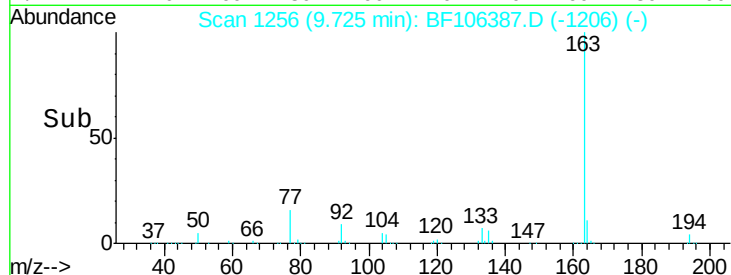
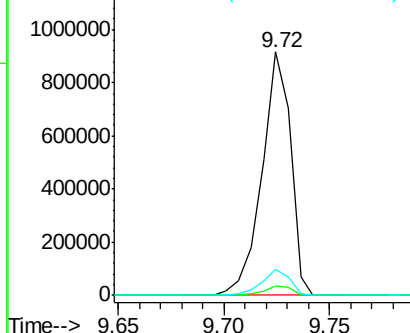
#49
Dimethylphthalate
Concen: 41.396 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 865047
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.7 8.2 12.2

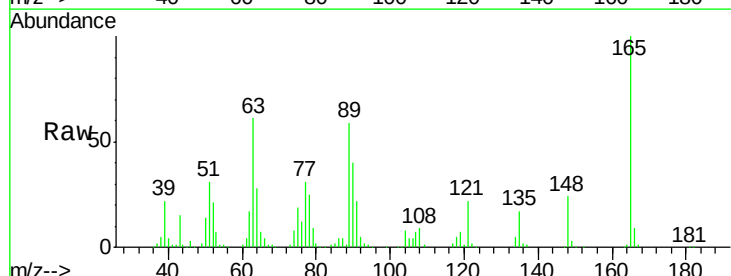


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

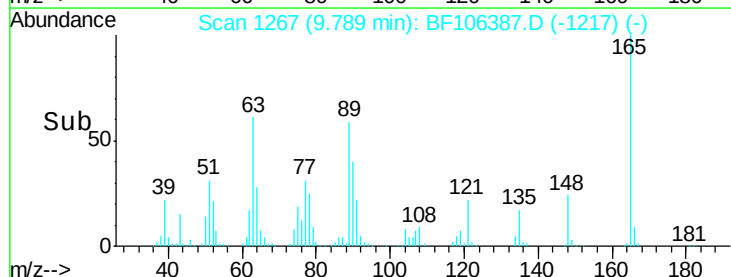
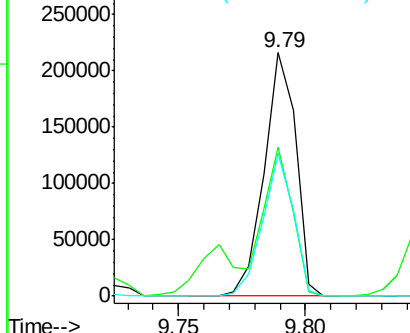


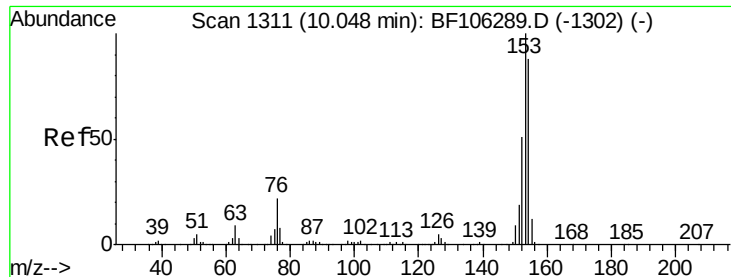
#50
2,6-Dinitrotoluene
Concen: 43.916 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion:165 Resp: 187458
Ion Ratio Lower Upper
165 100
63 61.1 44.7 67.1
89 58.7 44.0 66.0



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





#51

Acenaphthene

Concen: 40.566 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

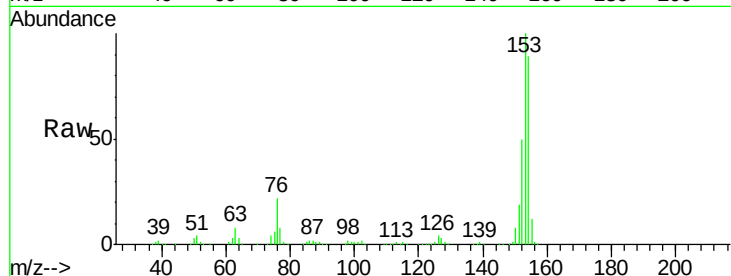
Tot Ion:154 Resp: 726994

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

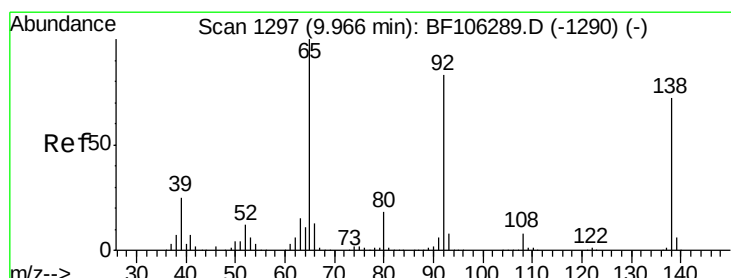
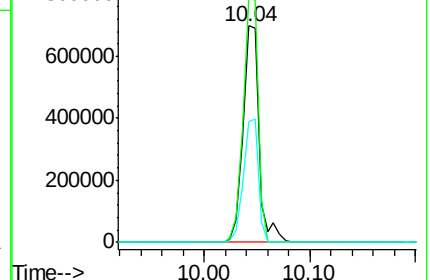
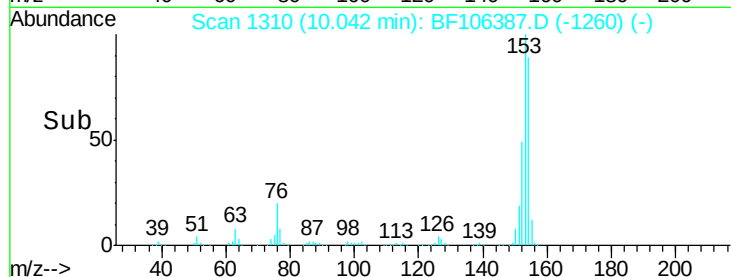
152 55.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.688 ng

RT: 9.97 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

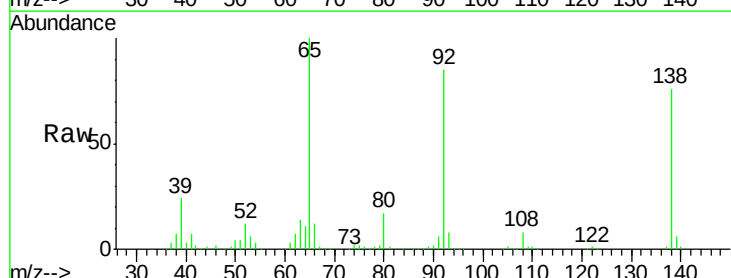
Tgt Ion:138 Resp: 226403

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

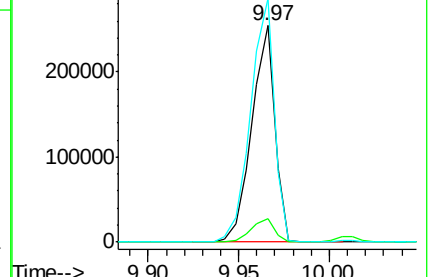
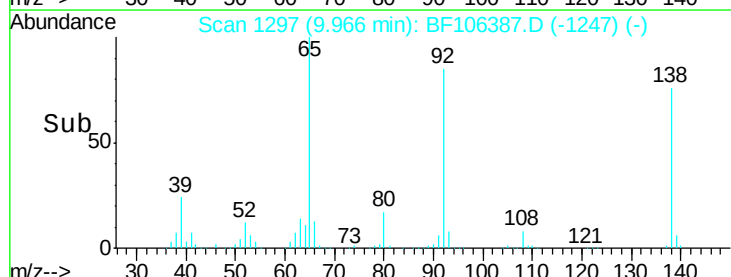
92 112.6 89.4 134.2

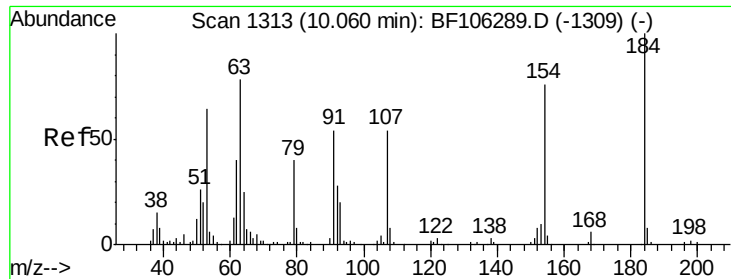


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

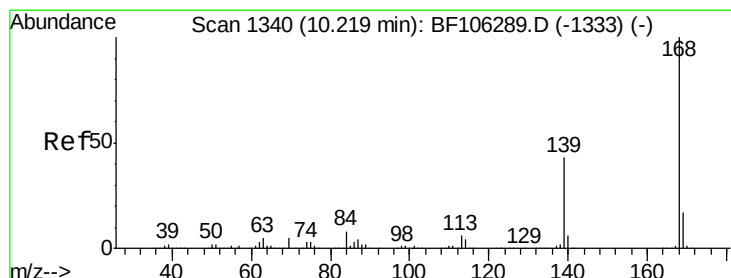
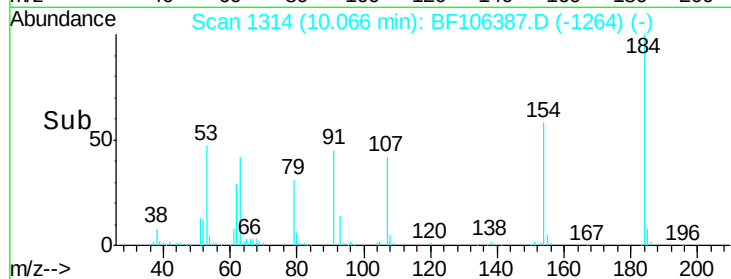
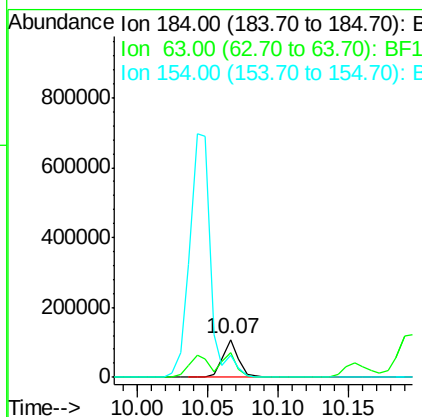
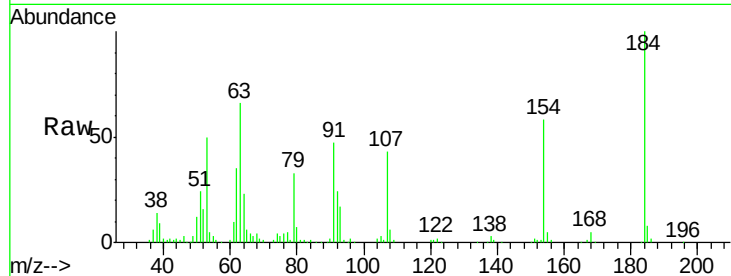




#53
 2,4-Dinitrophenol
 Concen: 48.121 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF106387.D
 Acq: 13 Jun 2018 13:22

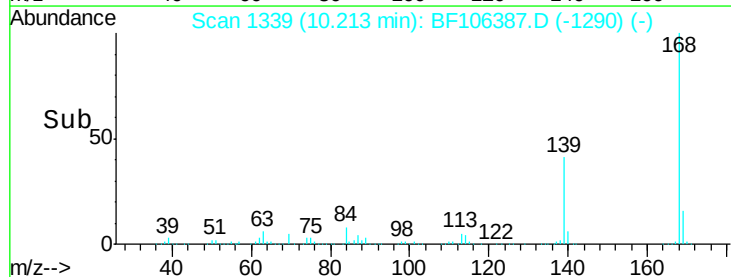
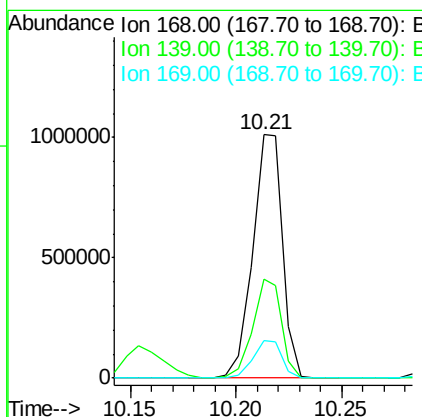
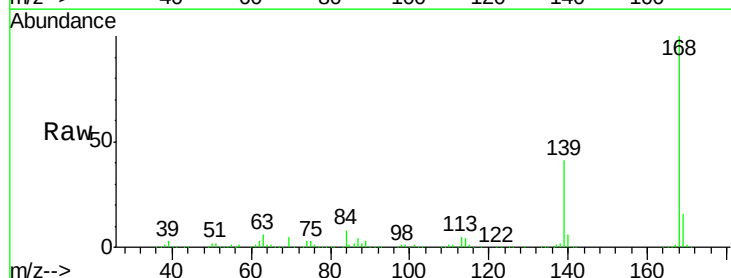
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

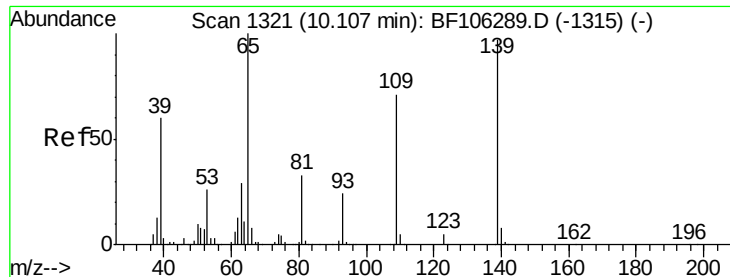
Tot Ion:184 Resp: 86769
 Ion Ratio Lower Upper
 184 100
 63 66.0 54.2 81.2
 154 58.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.067 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF106387.D
 Acq: 13 Jun 2018 13:22

Tgt Ion:168 Resp: 991050
 Ion Ratio Lower Upper
 168 100
 139 40.6 30.1 45.1
 169 15.7 10.9 16.3

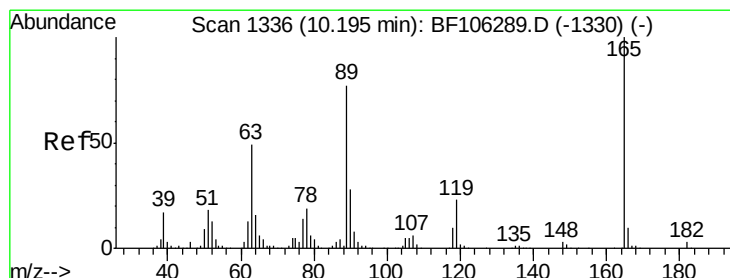
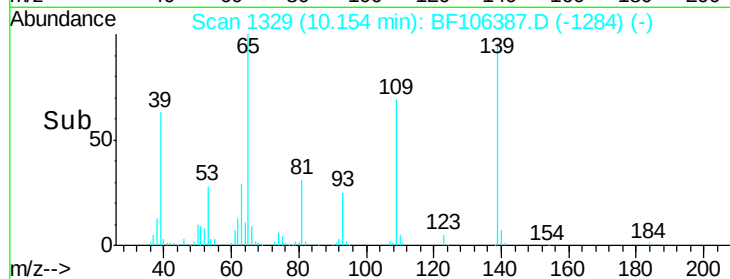
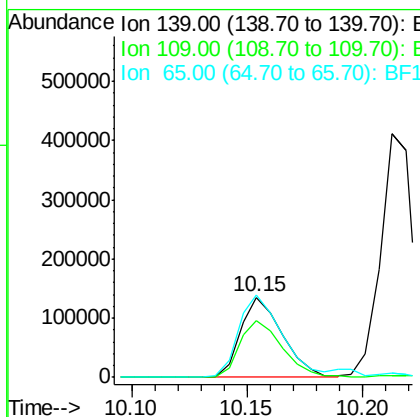
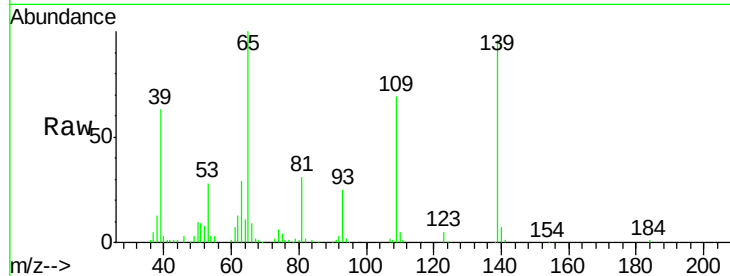




#55
4-Nitrophenol
Concen: 43.772 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

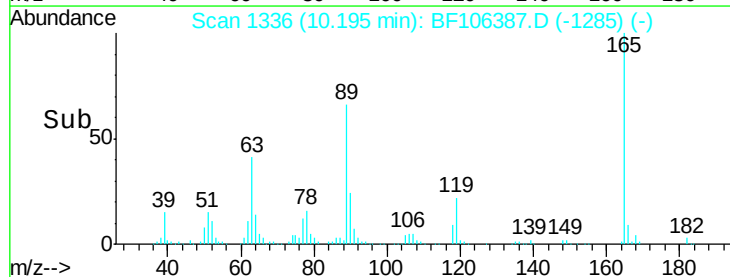
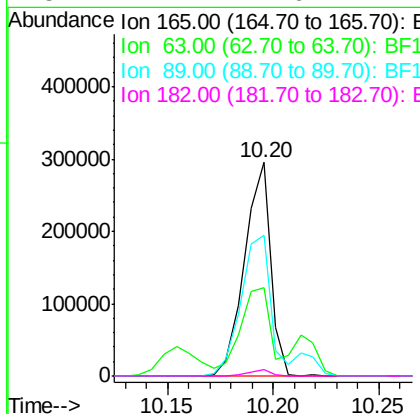
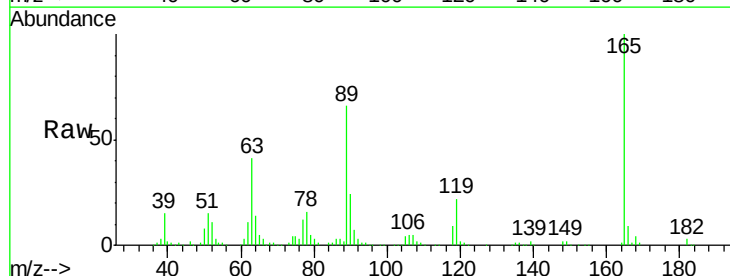
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

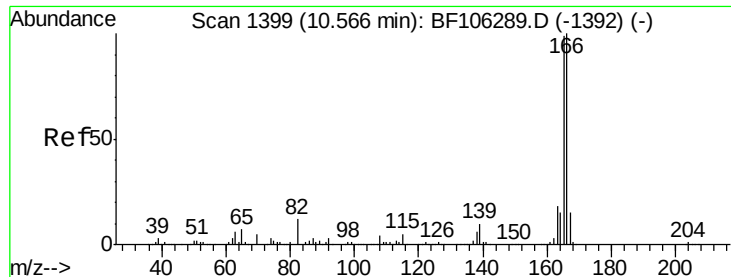
Tot Ion:139 Resp: 169977
Ion Ratio Lower Upper
139 100
109 71.4 48.4 88.4
65 103.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 47.261 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion:165 Resp: 253329
Ion Ratio Lower Upper
165 100
63 41.3 36.4 54.6
89 66.1 57.8 86.6
182 2.7 1.6 2.4#

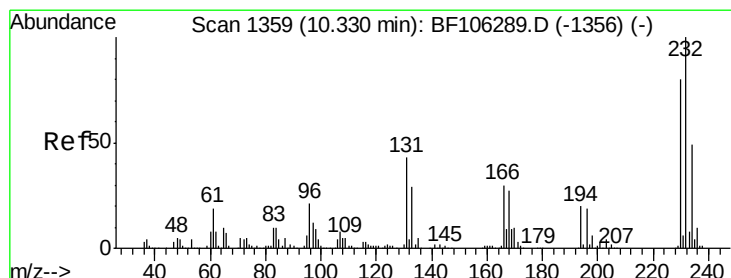
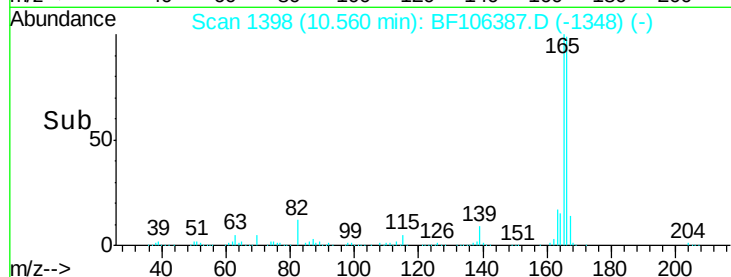
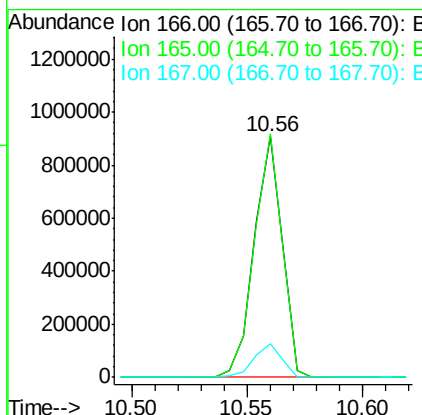
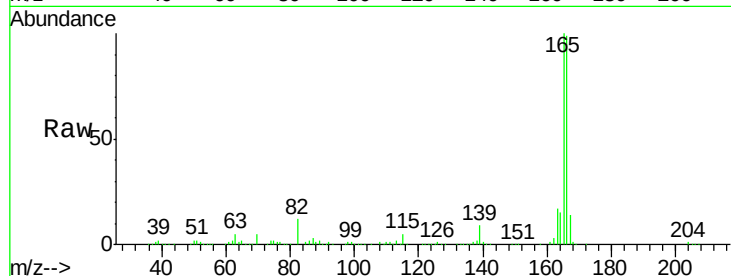




#57
Fluorene
Concen: 40.518 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

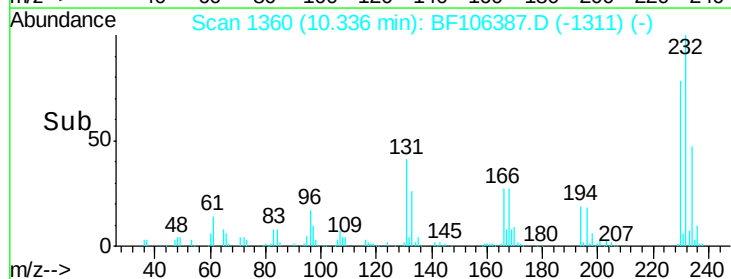
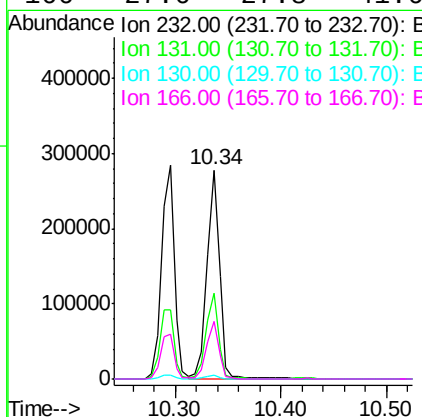
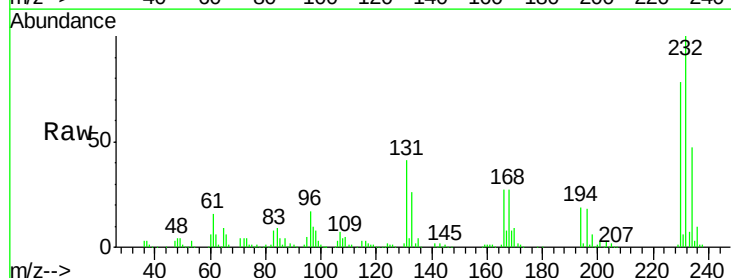
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

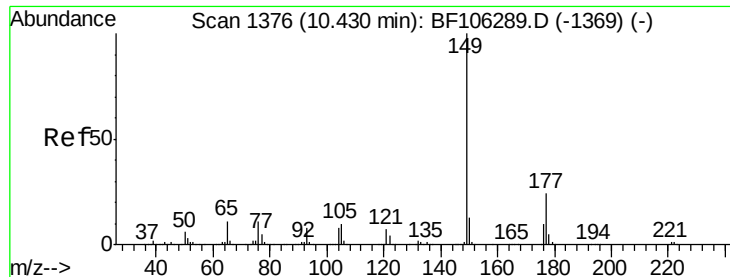
Tot Ion:166 Resp: 774701
Ion Ratio Lower Upper
166 100
165 101.1 79.8 119.8
167 14.2 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 44.509 ng
RT: 10.34 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion:232 Resp: 230118
Ion Ratio Lower Upper
232 100
131 40.3 43.8 65.8#
130 2.0 2.1 3.1#
166 27.6 27.8 41.6#

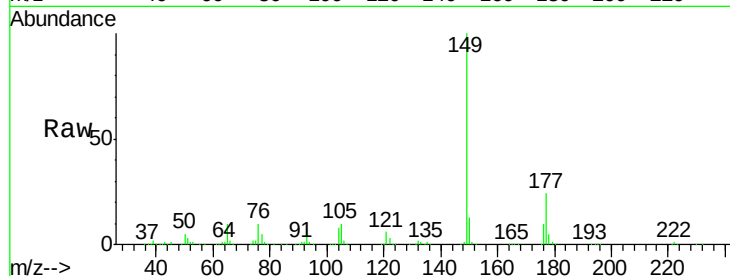




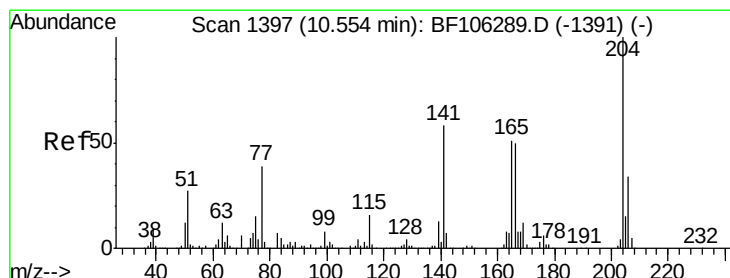
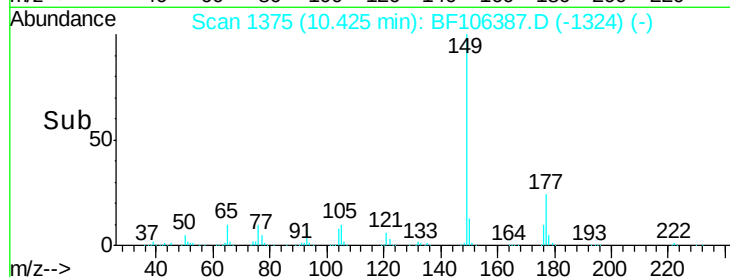
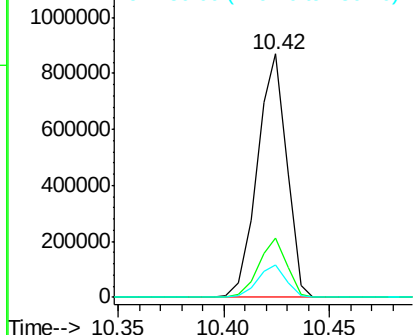
#59
Diethylphthalate
Concen: 40.629 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 842688
Ion Ratio Lower Upper
149 100
177 24.2 16.1 24.1#
150 13.1 10.1 15.1

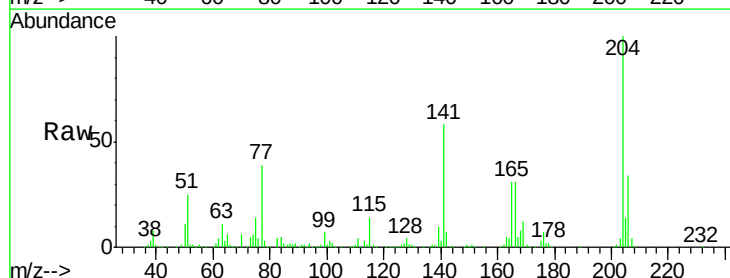


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

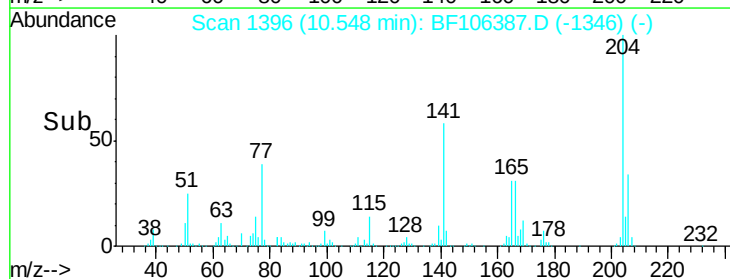
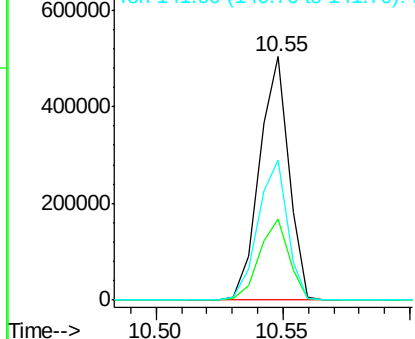


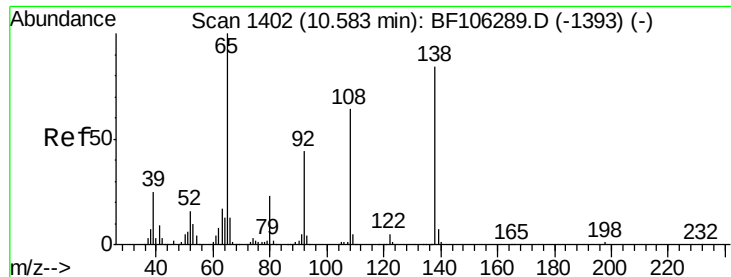
#60
4-Chlorophenyl-phenylether
Concen: 40.588 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion:204 Resp: 408168
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 57.5 54.6 81.8



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





#61

4-Nitroaniline

Concen: 45.924 ng

RT: 10.58 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

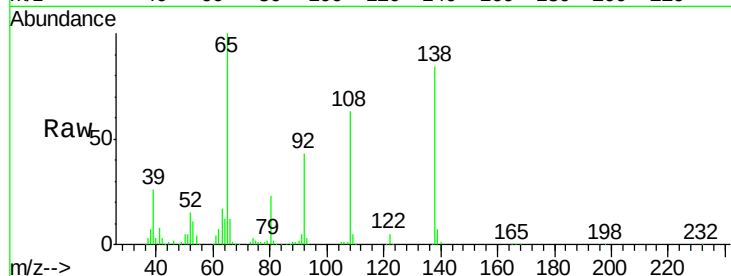
Tot Ion:138 Resp: 226366

Ion Ratio Lower Upper

138 100

92 51.9 30.2 70.2

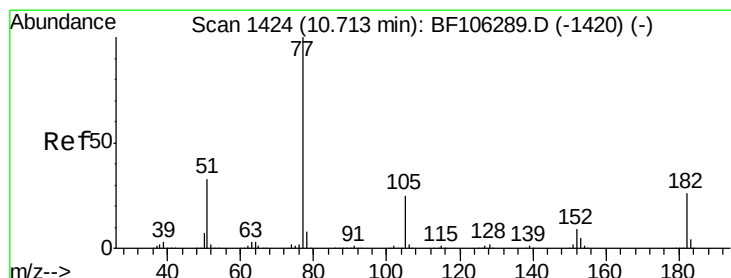
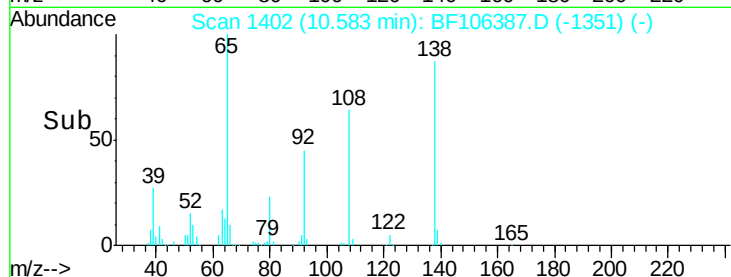
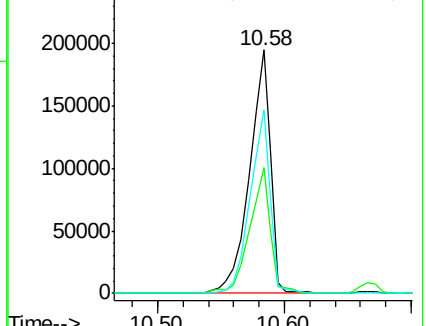
108 75.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.757 ng

RT: 10.71 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Tgt Ion: 77 Resp: 838220

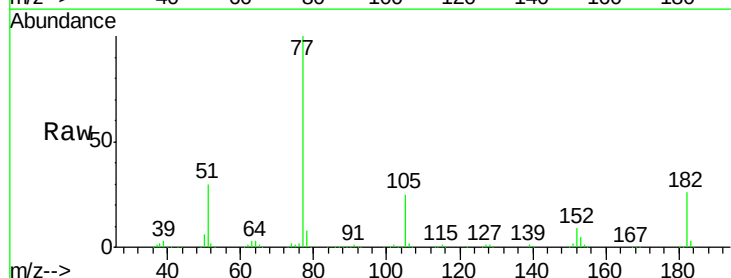
Ion Ratio Lower Upper

77 100

182 25.8 1.7 41.7

105 24.7 3.0 43.0

51 30.5 9.9 49.9

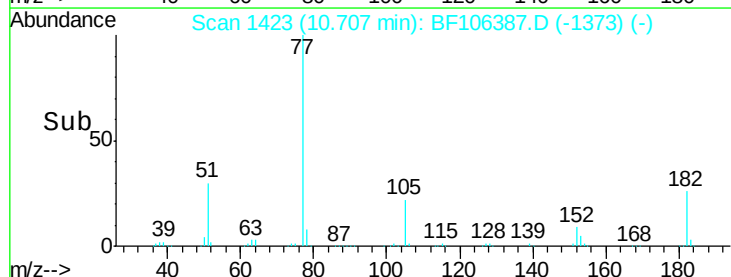
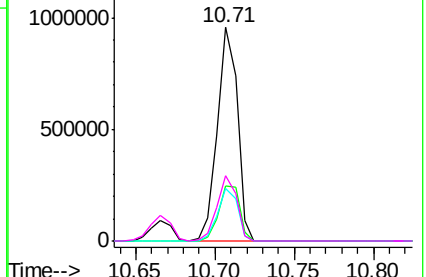


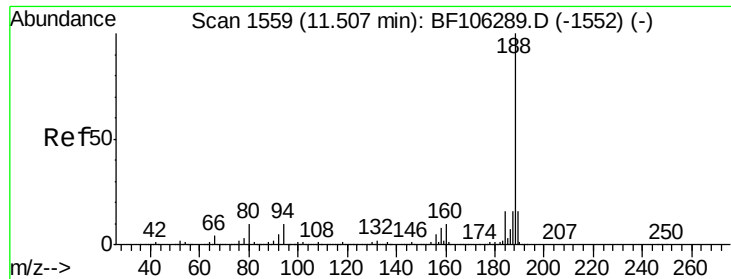
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

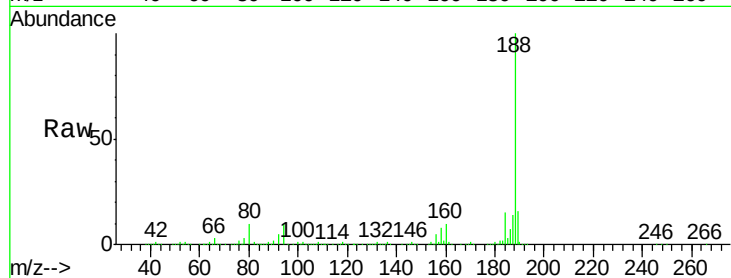
Tot Ion:188 Resp: 587278

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

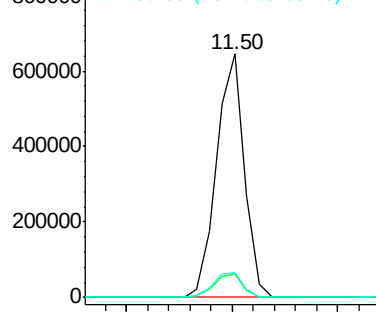
80 10.2 9.2 13.8



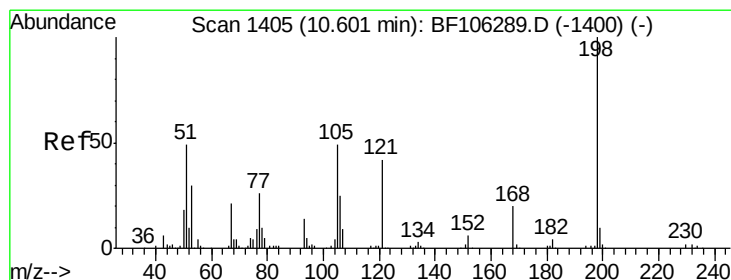
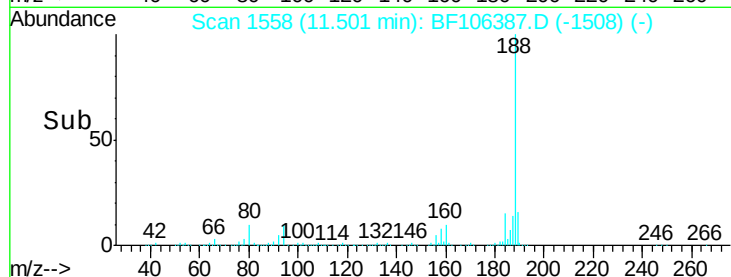
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 47.224 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

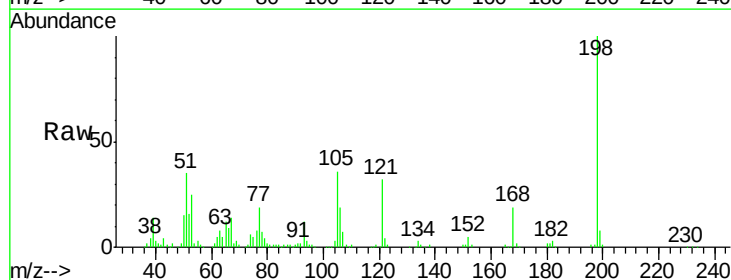
Tgt Ion:198 Resp: 149236

Ion Ratio Lower Upper

198 100

51 35.2 37.7 77.7#

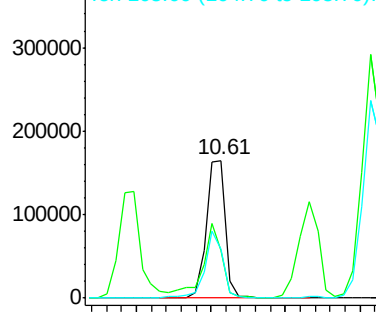
105 35.9 36.3 76.3#



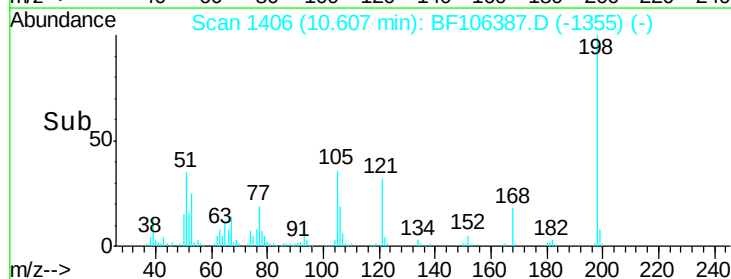
Abundance Ion 198.00 (197.70 to 198.70): E

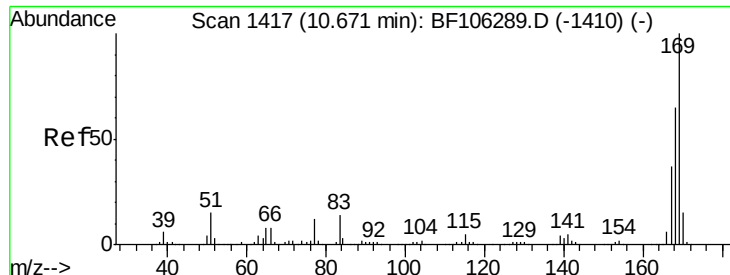
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->

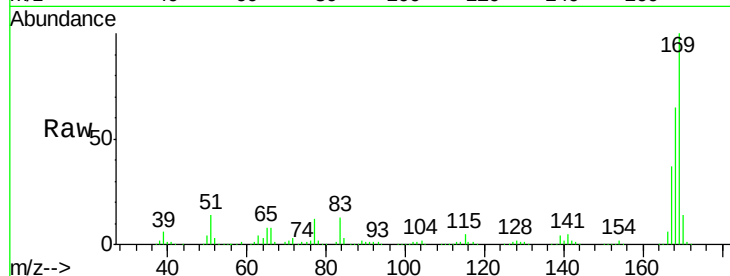




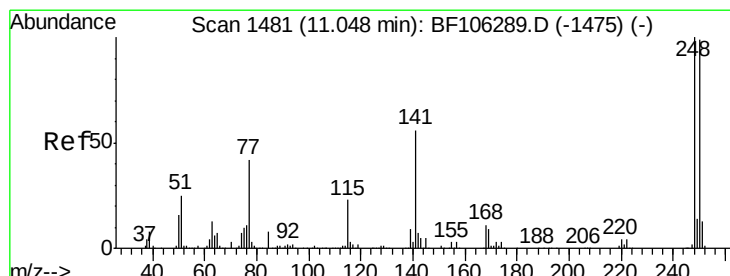
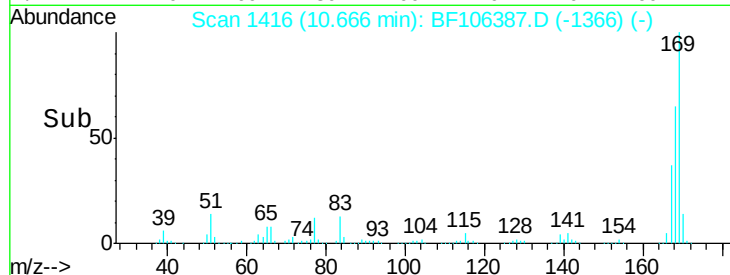
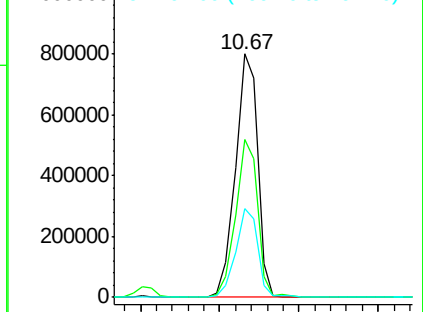
#65
 n-Nitrosodiphenylamine
 Concen: 39.346 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF106387.D
 Acq: 13 Jun 2018 13:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 776590
 Ion Ratio Lower Upper
 169 100
 168 64.7 54.4 81.6
 167 36.5 29.8 44.6

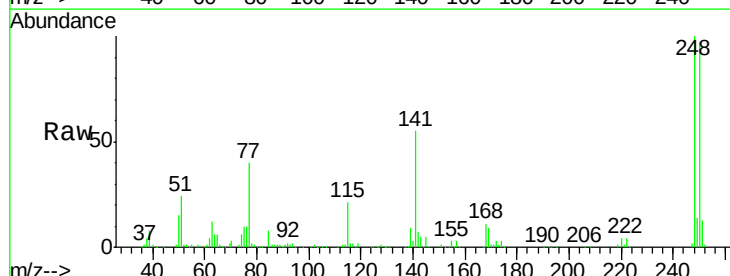


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

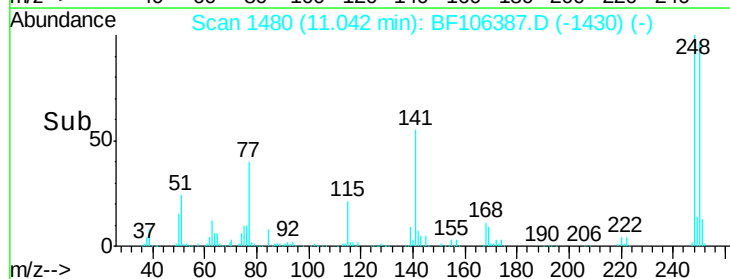
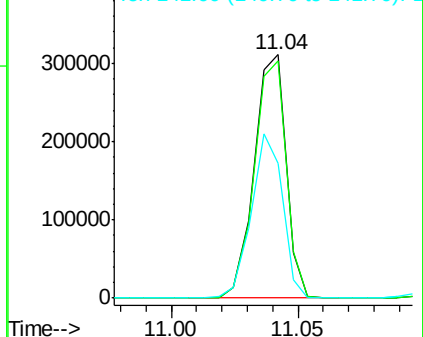


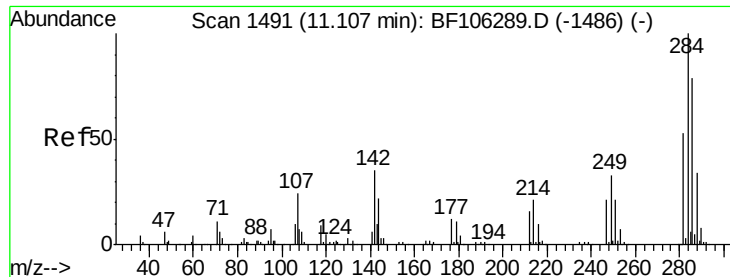
#66
 4-Bromophenyl-phenylether
 Concen: 41.070 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF106387.D
 Acq: 13 Jun 2018 13:22

Tgt Ion:248 Resp: 274330
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 55.3 74.4 111.6#



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





#67

Hexachlorobenzene

Concen: 41.802 ng

RT: 11.11 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

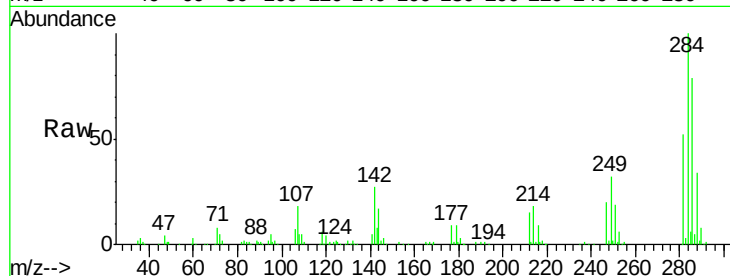
Tot Ion:284 Resp: 287864

Ion Ratio Lower Upper

284 100

142 27.4 34.6 52.0#

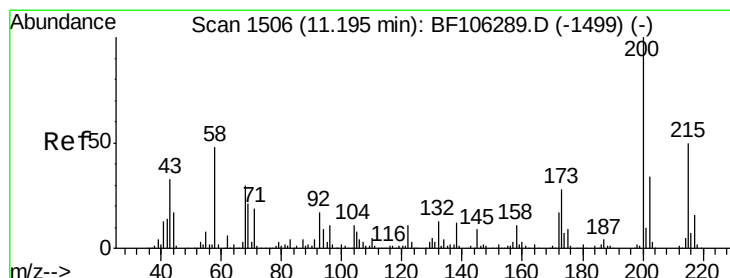
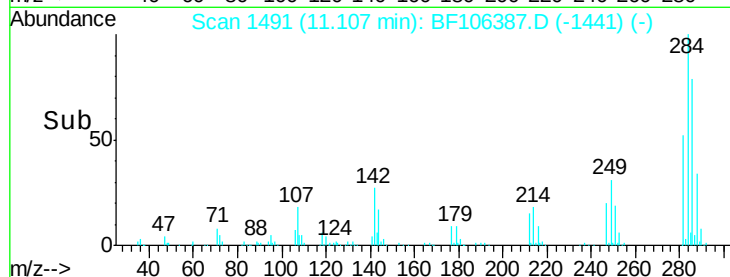
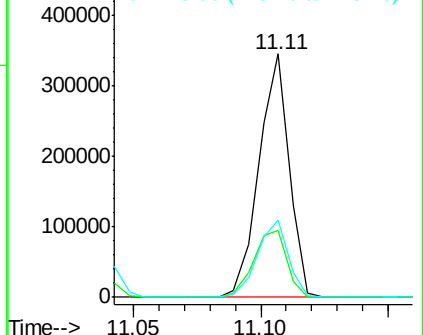
249 31.6 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.349 ng

RT: 11.20 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

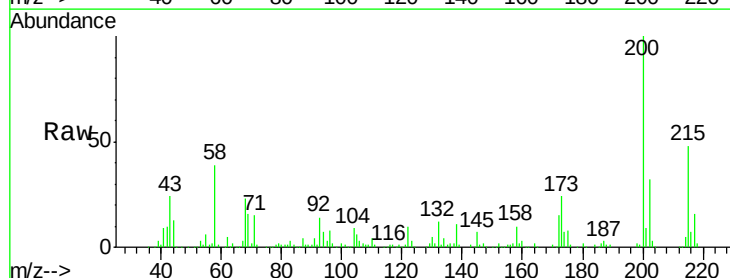
Tgt Ion:200 Resp: 251508

Ion Ratio Lower Upper

200 100

173 24.2 8.6 48.6

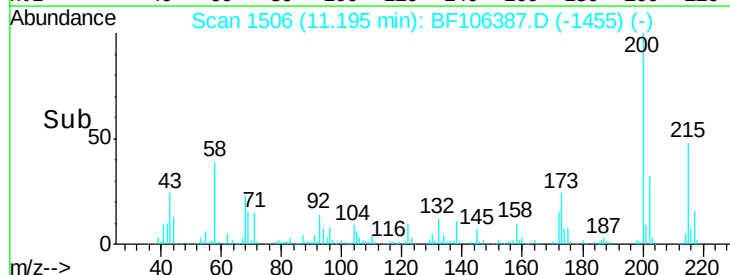
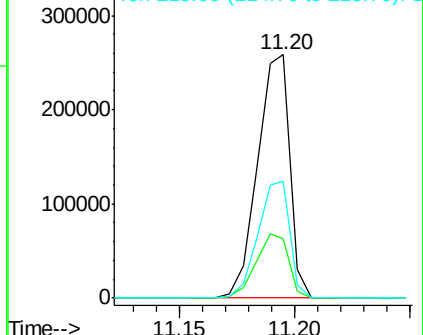
215 47.9 25.1 65.1

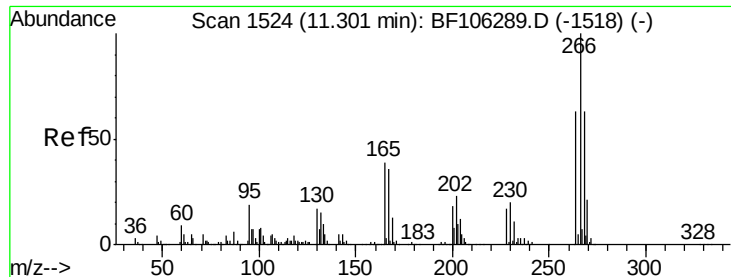


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

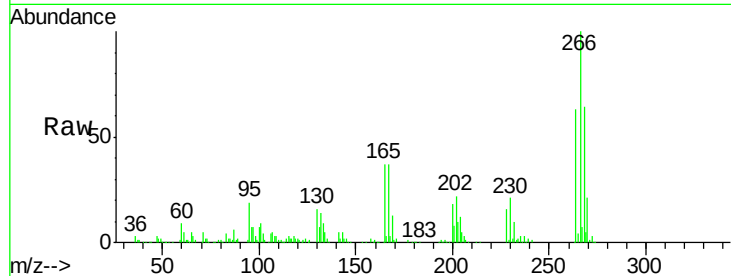




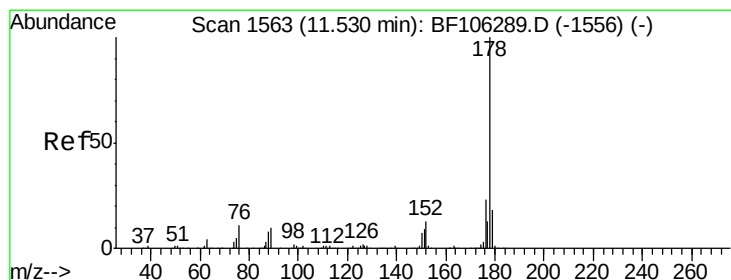
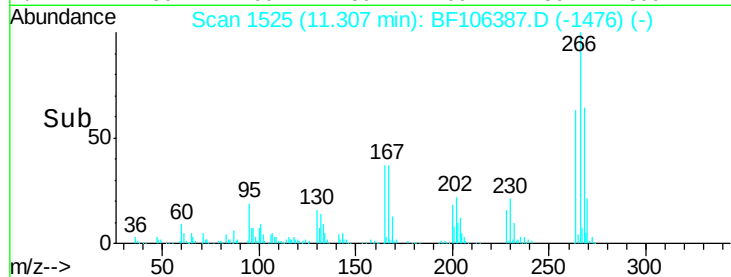
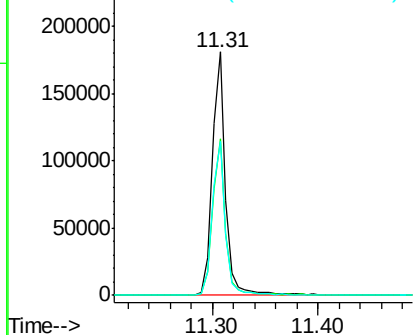
#69
 Pentachlorophenol
 Concen: 38.039 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF106387.D
 Acq: 13 Jun 2018 13:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 161274
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.1 76.7
 264 63.2 49.5 74.3

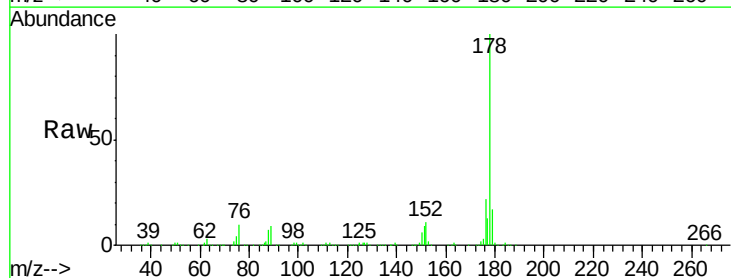


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

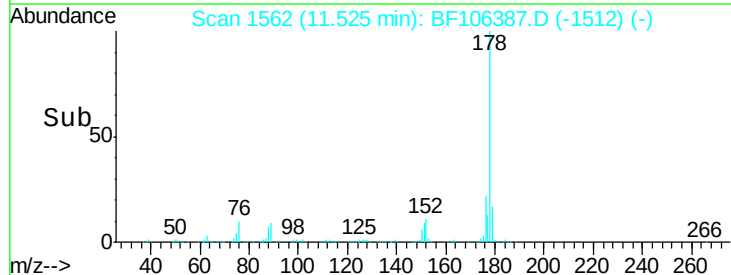
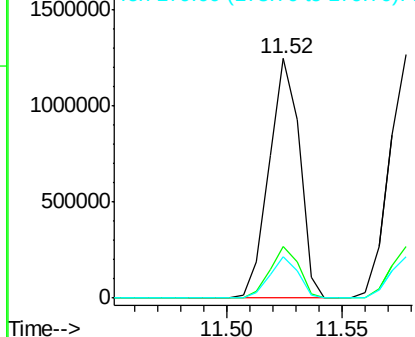


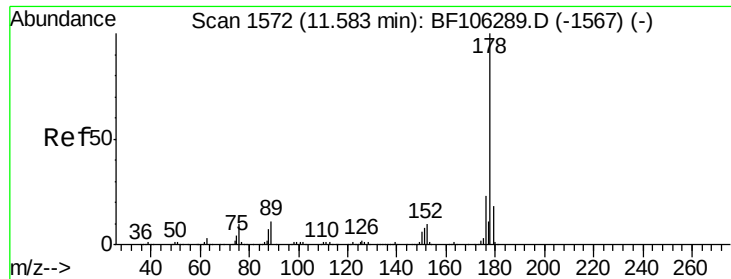
#70
 Phenanthrene
 Concen: 39.650 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF106387.D
 Acq: 13 Jun 2018 13:22

Tgt Ion:178 Resp: 1140370
 Ion Ratio Lower Upper
 178 100
 176 21.7 15.8 23.8
 179 17.1 13.0 19.6



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

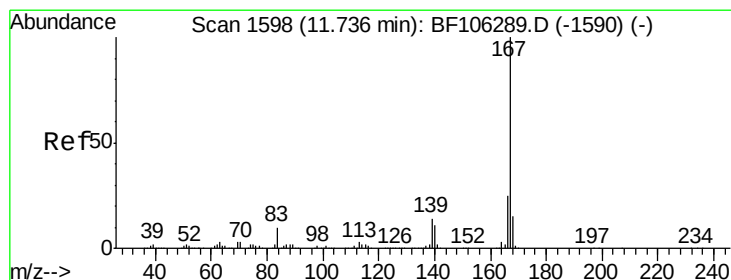
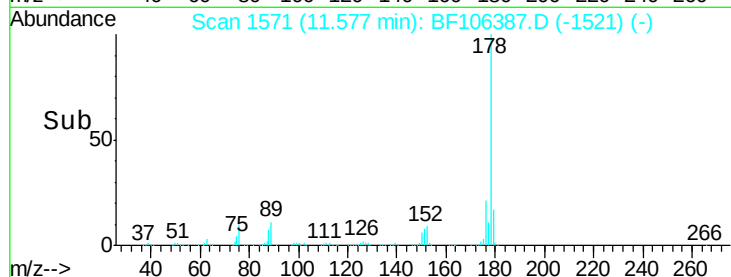
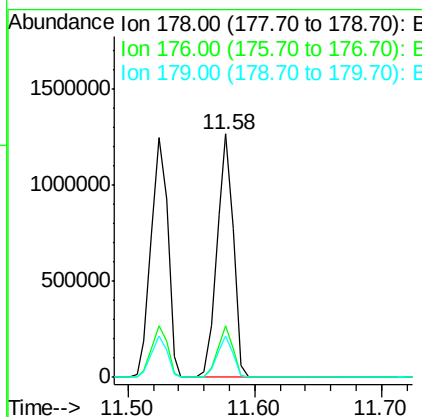
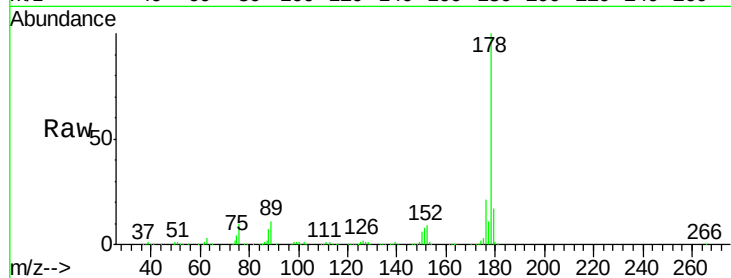




#71
 Anthracene
 Concen: 39.874 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF106387.D
 Acq: 13 Jun 2018 13:22

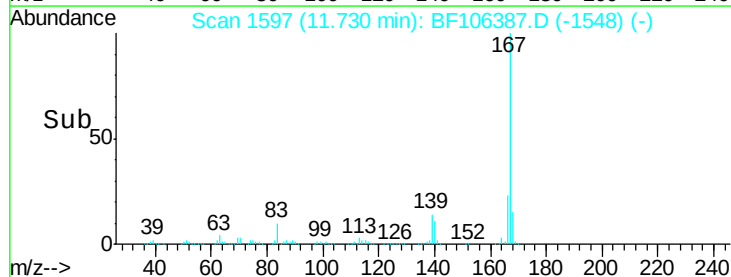
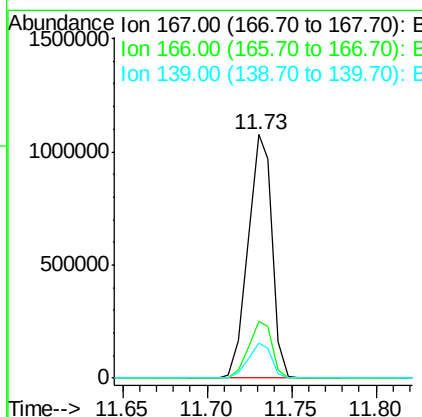
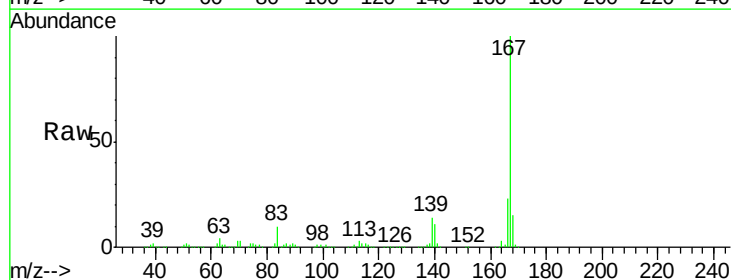
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

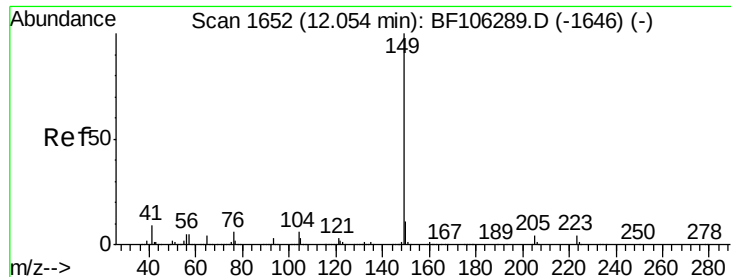
Tot Ion:178 Resp: 1148909
 Ion Ratio Lower Upper
 178 100
 176 21.3 15.4 23.2
 179 17.0 12.6 19.0



#72
 Carbazole
 Concen: 40.143 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106387.D
 Acq: 13 Jun 2018 13:22

Tgt Ion:167 Resp: 1067854
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.6 26.4
 139 14.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.323 ng

RT: 12.05 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

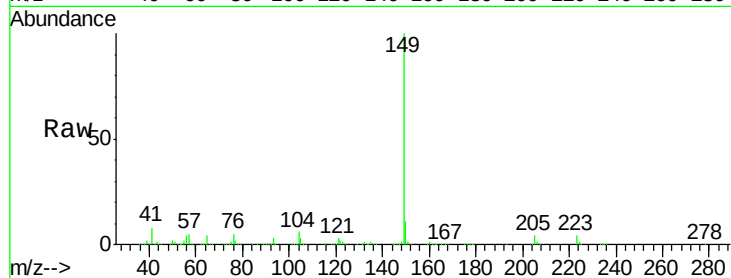
Tot Ion:149 Resp: 1223413

Ion Ratio Lower Upper

149 100

150 10.6 7.8 11.6

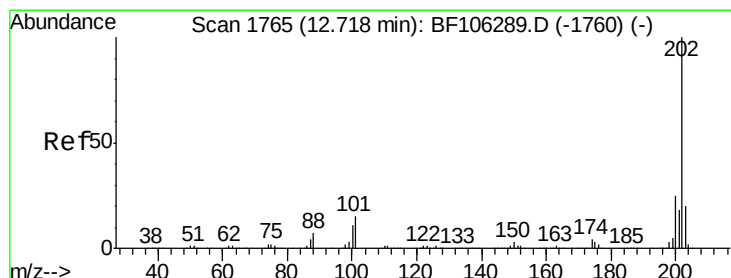
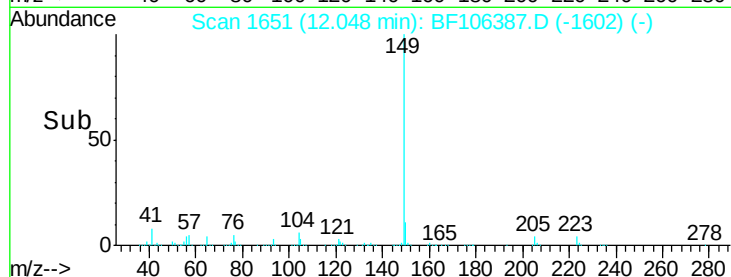
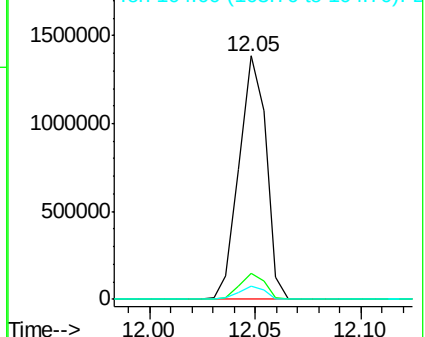
104 5.5 3.8 5.8



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



#74

Fluoranthene

Concen: 40.473 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

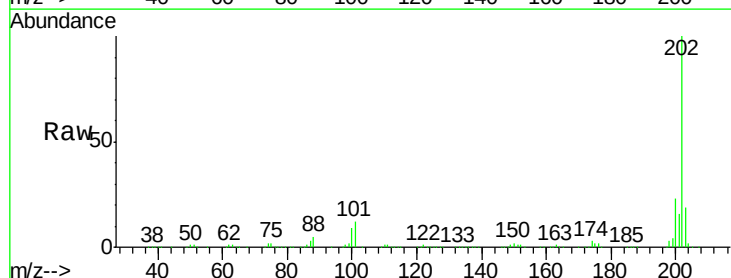
Tgt Ion:202 Resp: 1241399

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

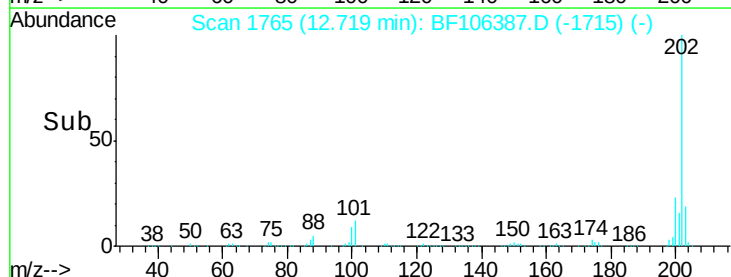
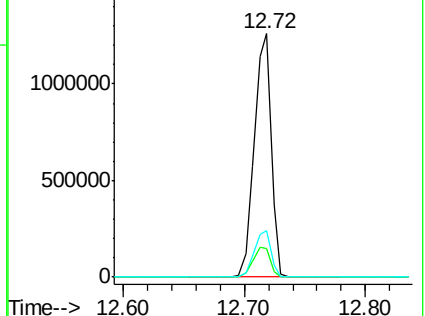
203 18.9 0.0 38.1

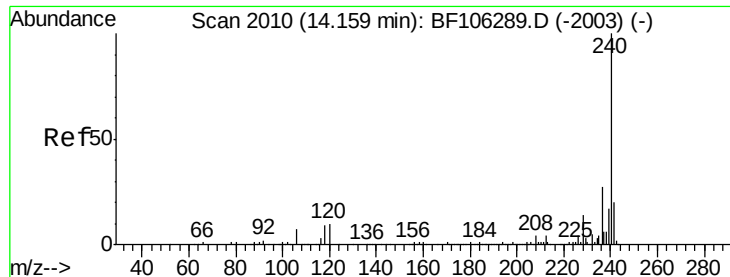


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

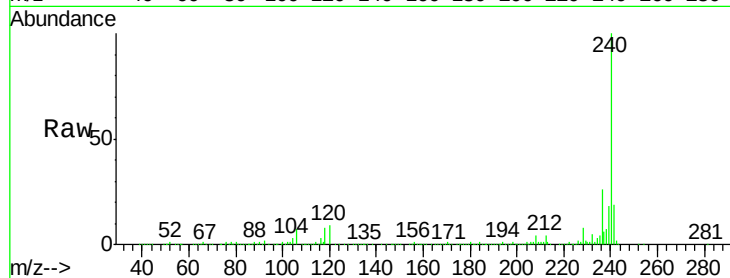
Tot Ion:240 Resp: 504520

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

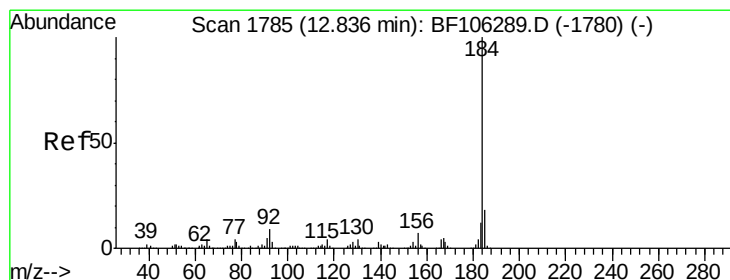
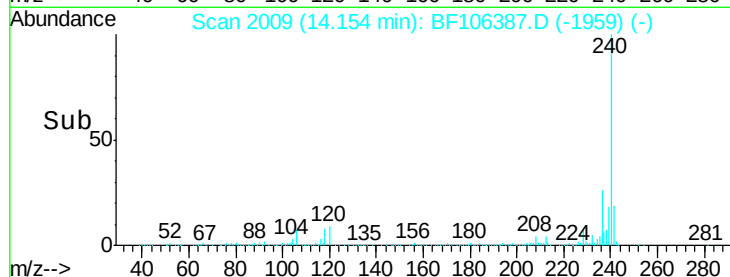
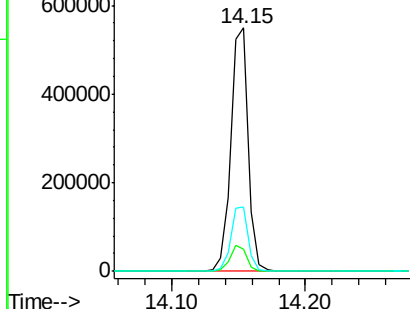
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.156 ng

RT: 12.84 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

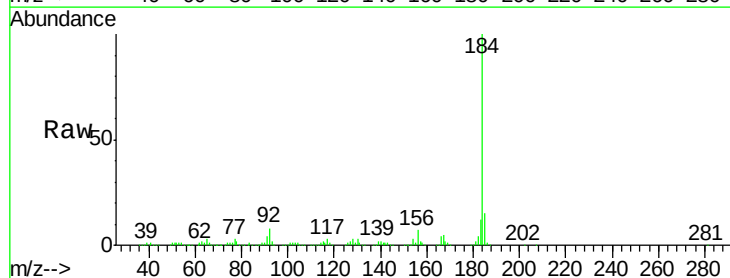
Tgt Ion:184 Resp: 640689

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

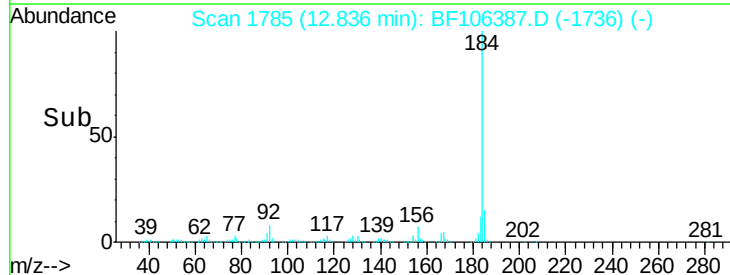
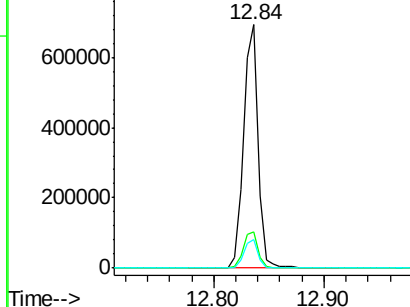
183 11.9 9.3 13.9

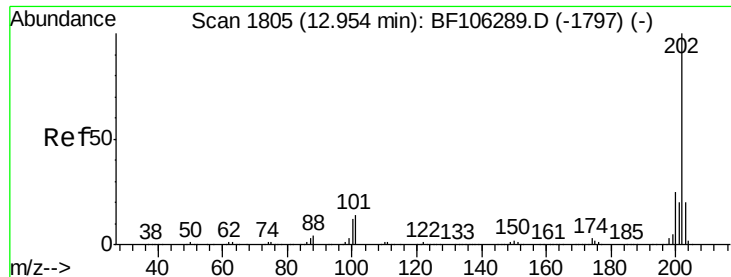


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.672 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

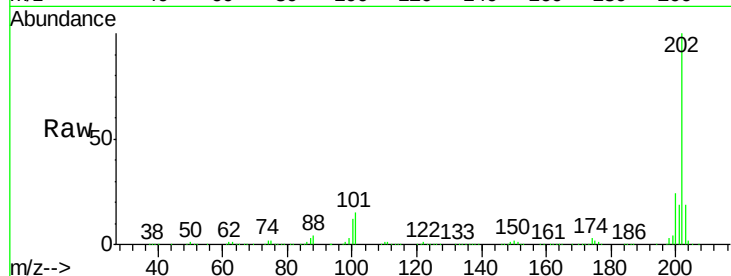
Tot Ion:202 Resp: 1284658

Ion Ratio Lower Upper

202 100

200 24.0 17.4 26.2

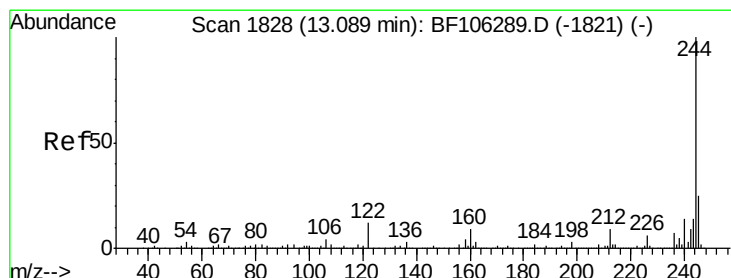
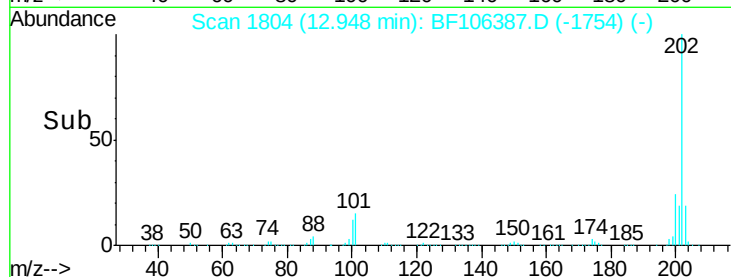
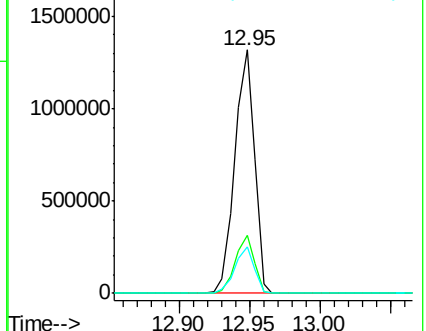
203 19.4 14.3 21.5



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



#78

Terphenyl-d14

Concen: 78.505 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

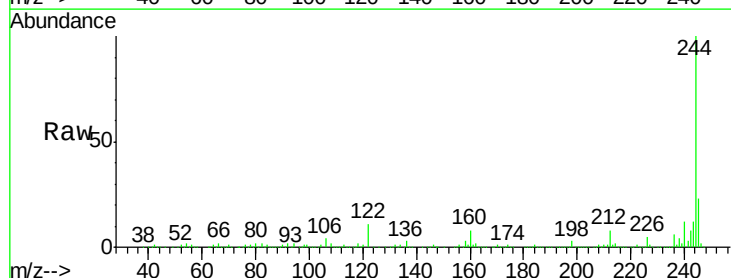
Tgt Ion:244 Resp: 1594638

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

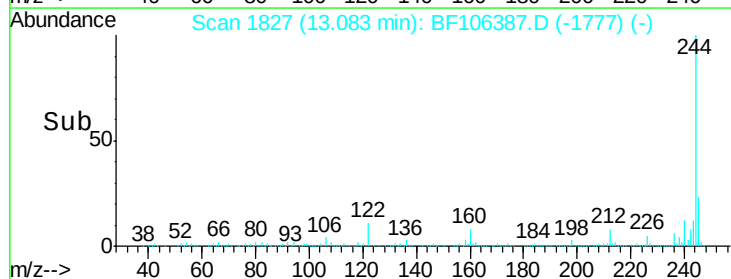
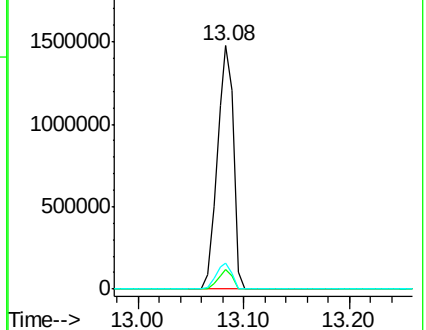
122 10.7 11.0 16.4#

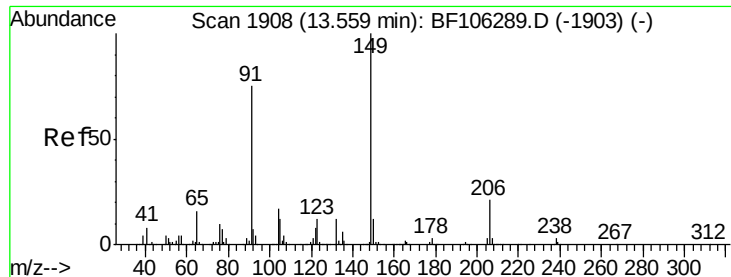


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.240 ng

RT: 13.55 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

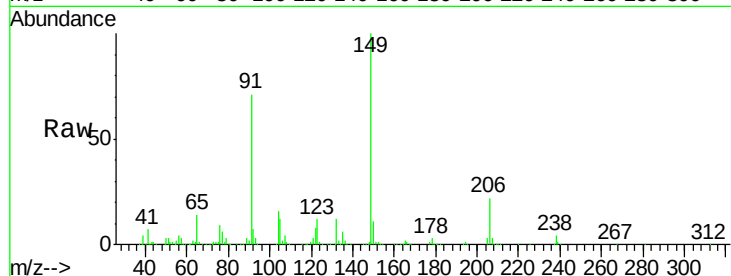
Tot Ion:149 Resp: 534896

Ion Ratio Lower Upper

149 100

91 71.1 56.8 85.2

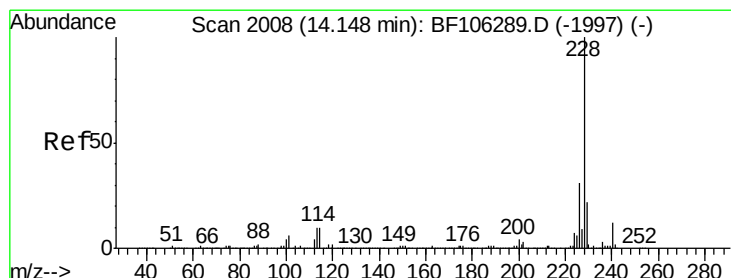
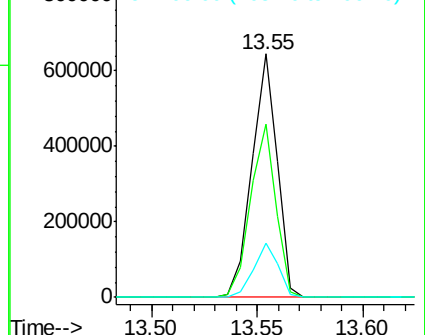
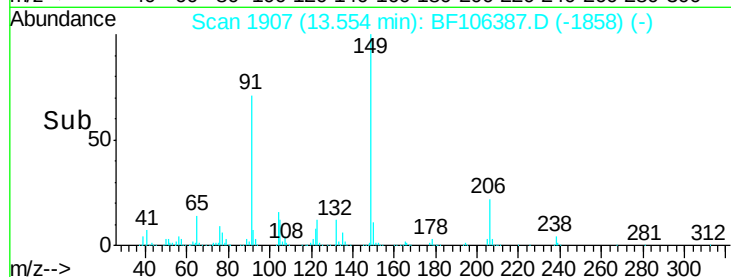
206 22.2 14.1 21.1#



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



#80

Benzo(a)anthracene

Concen: 40.314 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

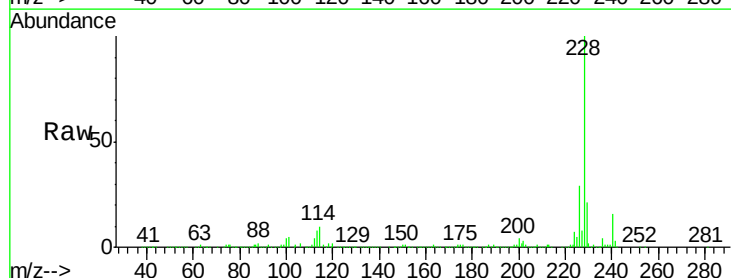
Tgt Ion:228 Resp: 1210382

Ion Ratio Lower Upper

228 100

226 29.4 22.6 33.8

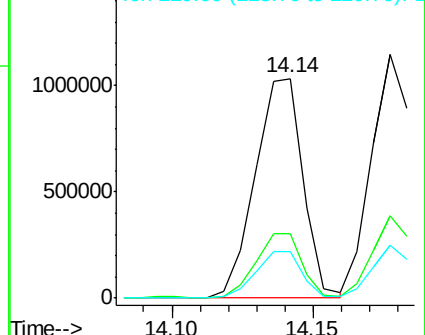
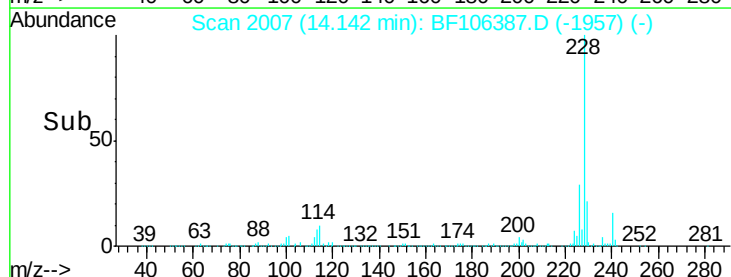
229 21.1 15.8 23.6

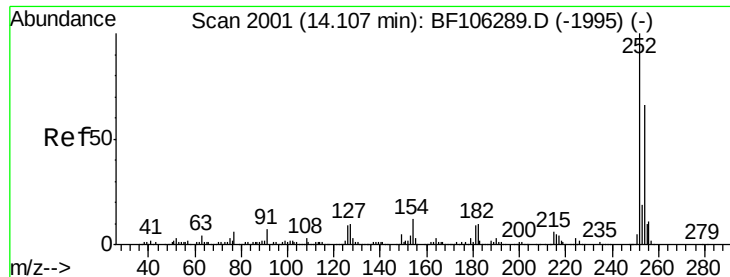


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 43.181 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

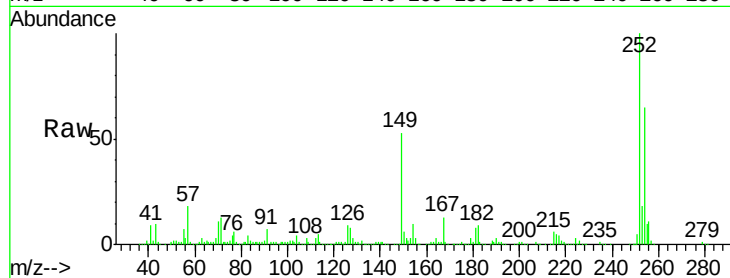
Tot Ion:252 Resp: 437419

Ion Ratio Lower Upper

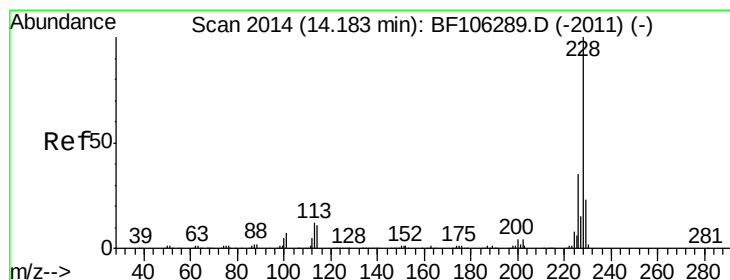
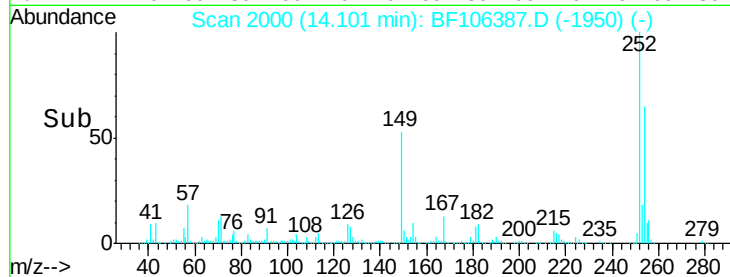
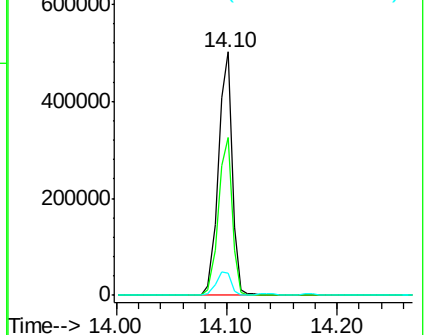
252 100

254 64.6 50.4 75.6

126 9.1 11.3 16.9#



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



#82

Chrysene

Concen: 40.197 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

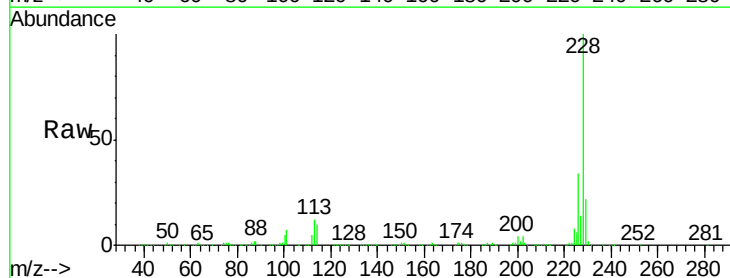
Tgt Ion:228 Resp: 1101876

Ion Ratio Lower Upper

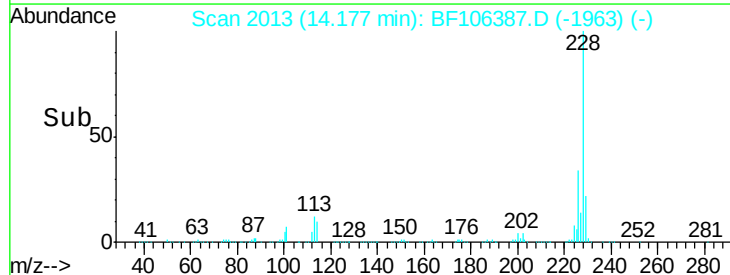
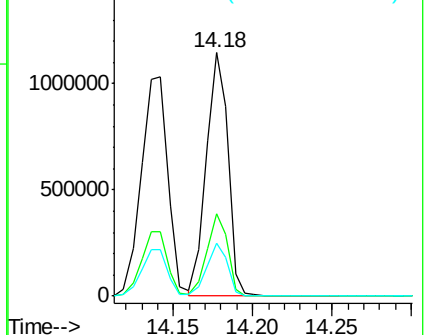
228 100

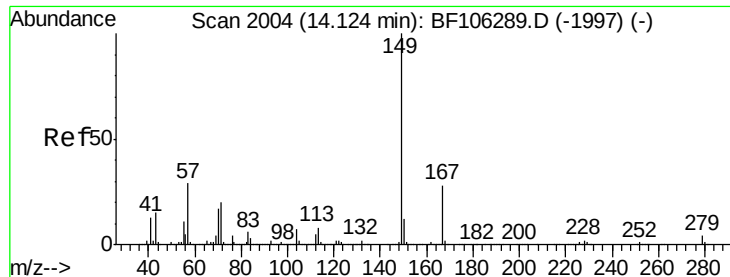
226 33.8 25.0 37.6

229 21.8 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.600 ng

RT: 14.11 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

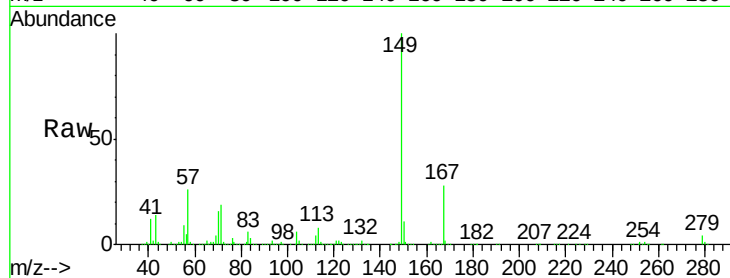
Tot Ion:149 Resp: 705225

Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

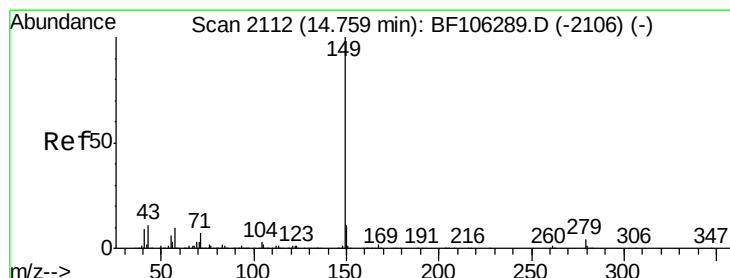
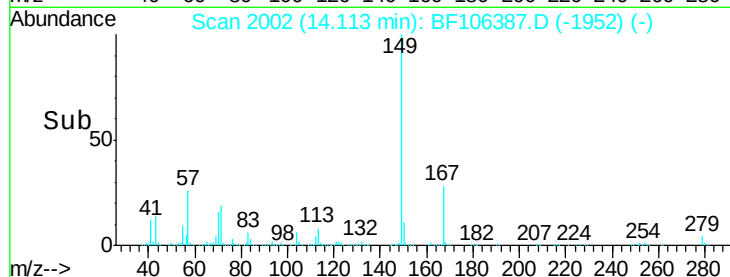
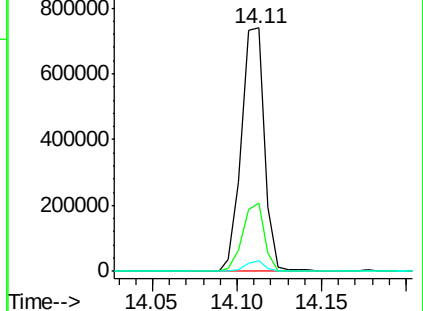
279 4.4 3.0 4.4#



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



#84

Di-n-octyl phthalate

Concen: 46.333 ng

RT: 14.74 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

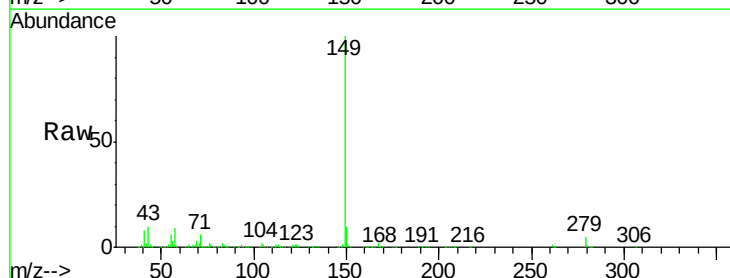
Tgt Ion:149 Resp: 1132365

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

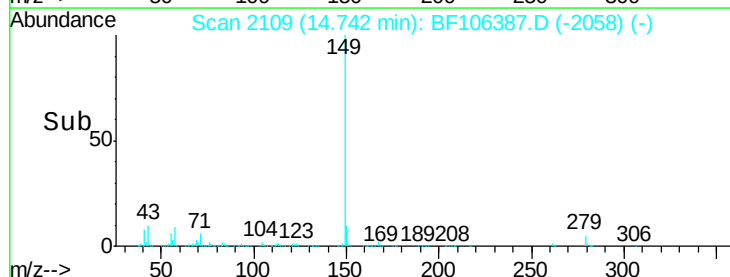
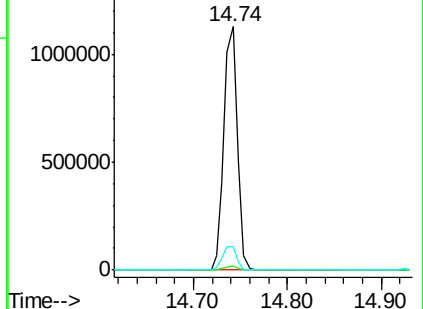
43 10.3 8.4 12.6

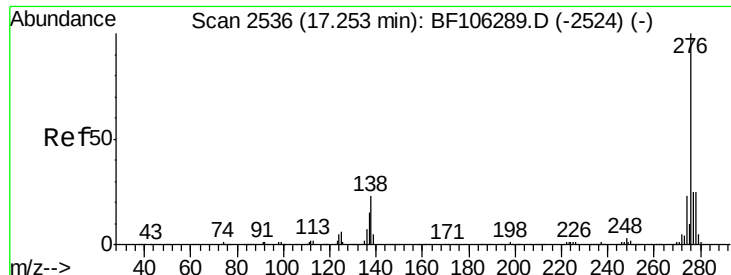


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

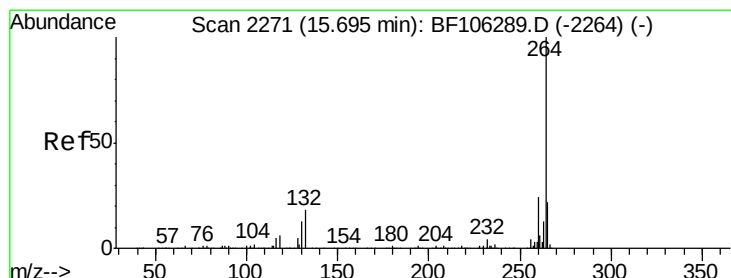
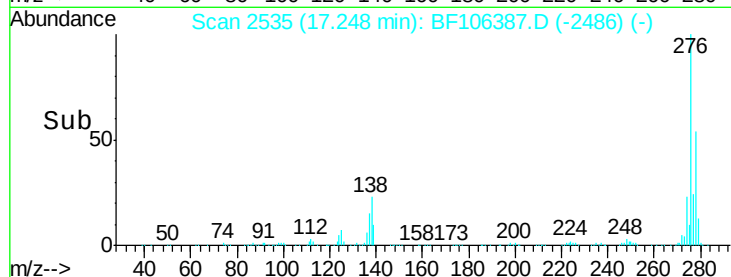
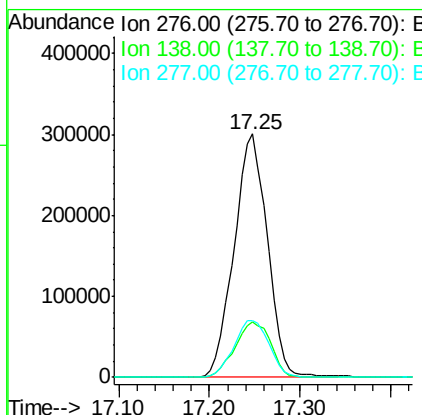
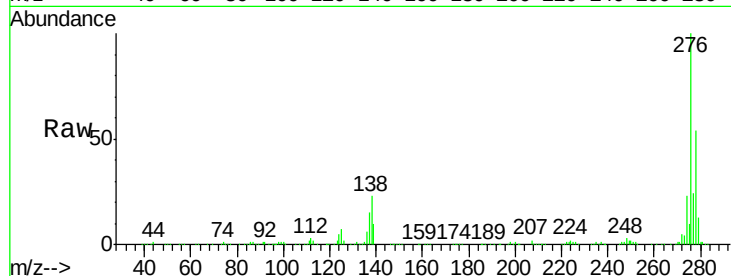




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.060 ng
RT: 17.25 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

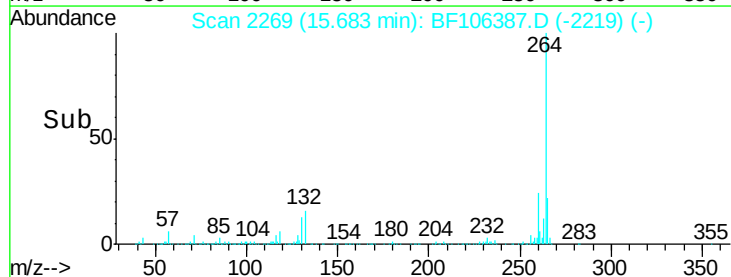
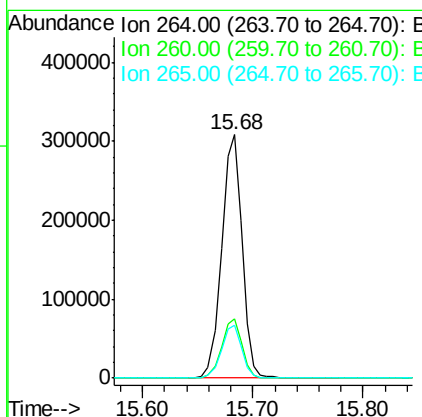
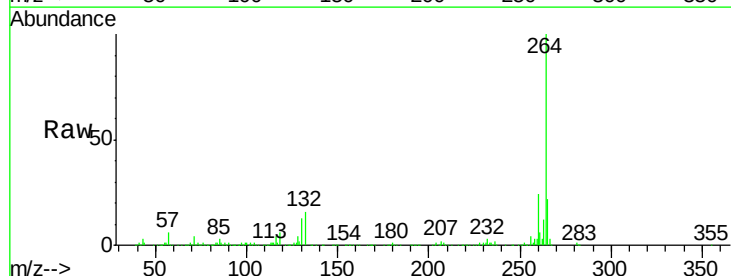
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

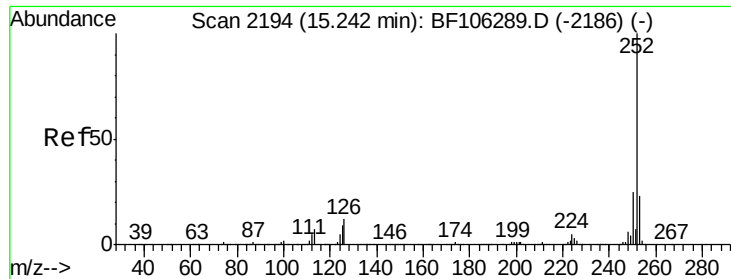
Tot Ion:276 Resp: 766996
Ion Ratio Lower Upper
276 100
138 24.7 25.0 37.6#
277 25.1 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion:264 Resp: 398060
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.8 17.5 26.3

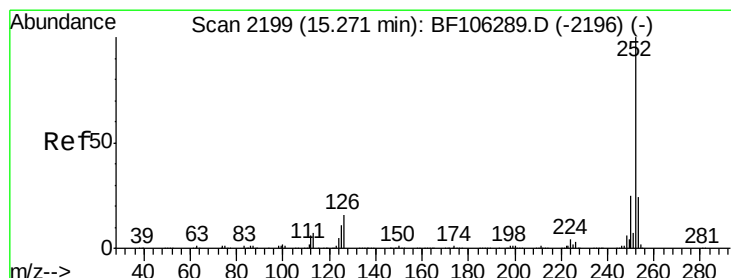
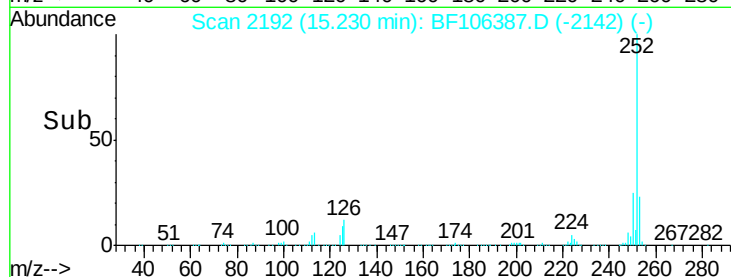
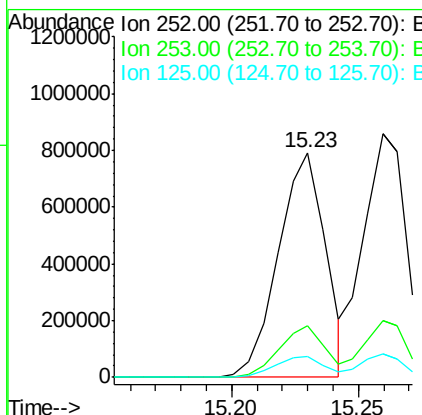
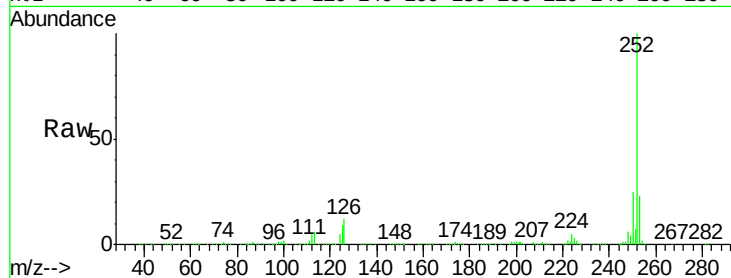




#87
Benzo(b)fluoranthene
Concen: 42.578 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

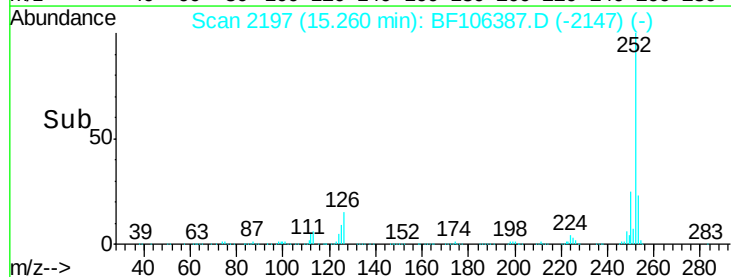
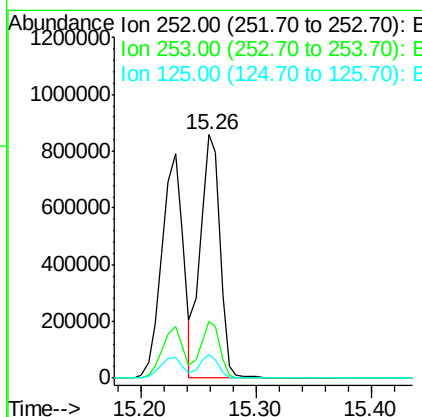
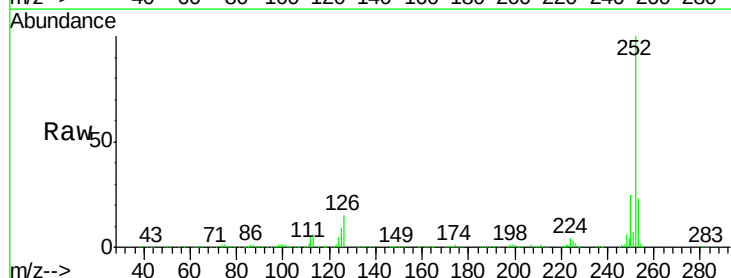
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

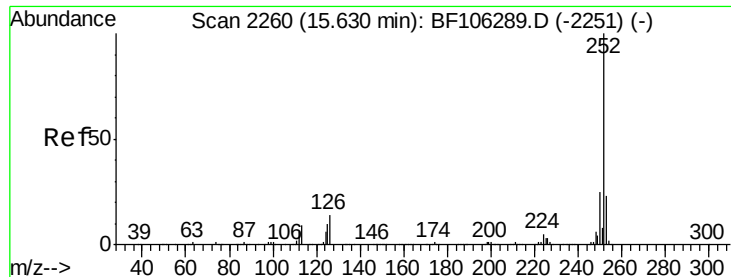
Tot Ion:252 Resp: 1024525
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 9.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.713 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion:252 Resp: 1017876
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 9.5 10.2 15.2#

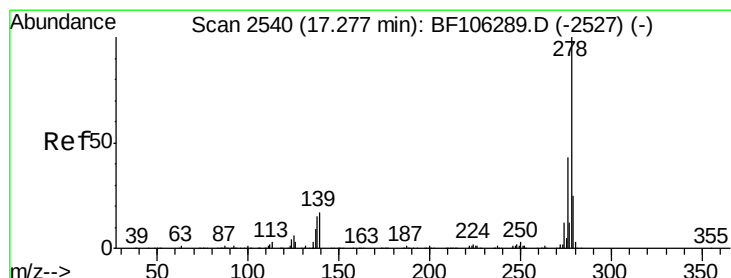
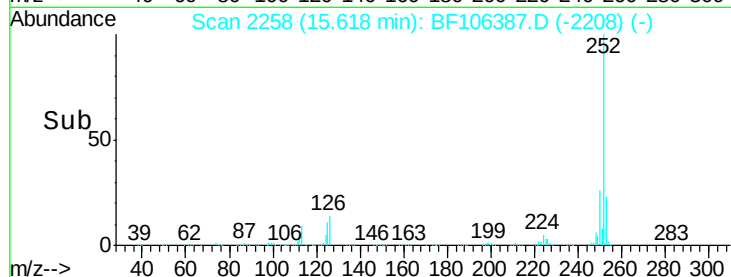
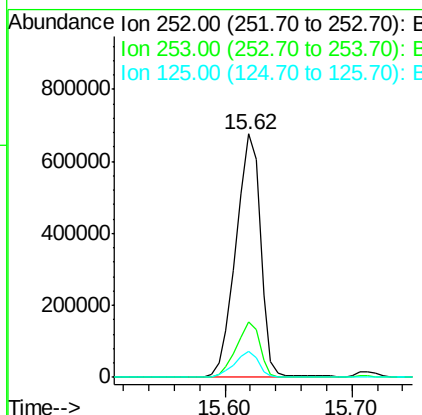
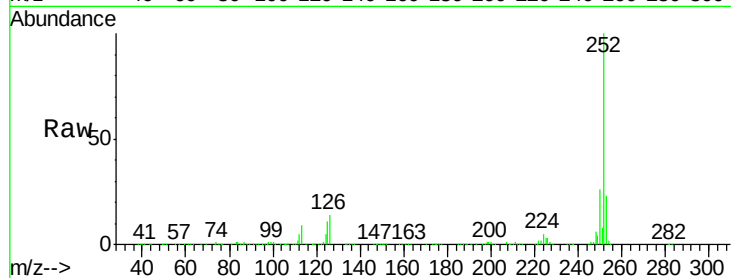




#89
Benzo(a)pyrene
Concen: 42.107 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

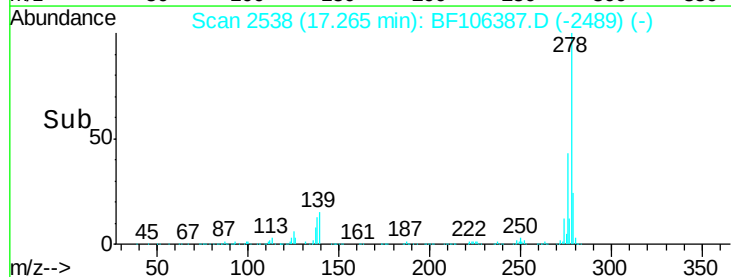
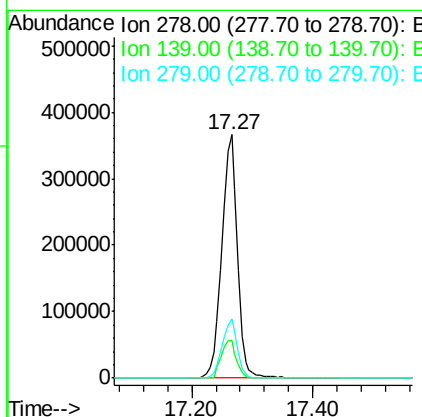
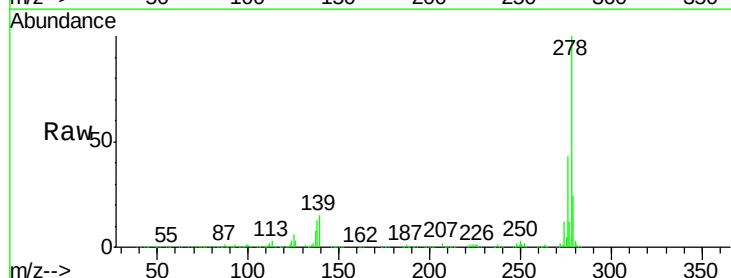
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

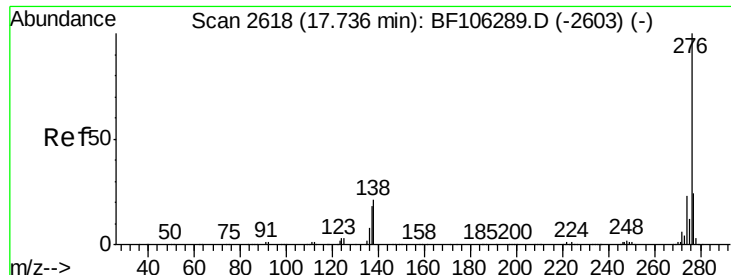
Tot Ion:252 Resp: 911316
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 10.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 36.695 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF106387.D
Acq: 13 Jun 2018 13:22

Tgt Ion:278 Resp: 662118
Ion Ratio Lower Upper
278 100
139 15.2 15.9 23.9#
279 24.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 35.218 ng

RT: 17.72 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BF106387.D

Acq: 13 Jun 2018 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

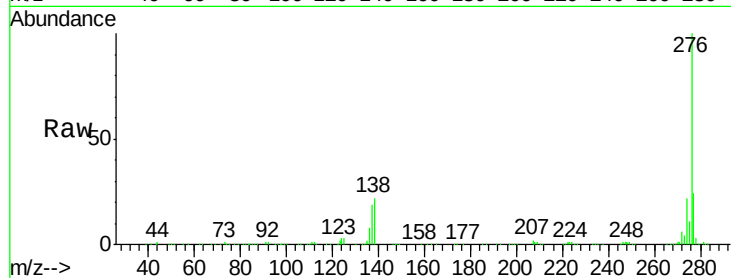
Tot Ion:276 Resp: 617567

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 21.7 21.8 32.8



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

