

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106323.D
 Acq On : 12 Jun 2018 5:01
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 12 07:24:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	210071	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	827389	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	376308	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	611784	20.00	ng	0.00
75) Chrysene-d12	14.15	240	537633	20.00	ng	0.00
86) Perylene-d12	15.68	264	503640	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	969252	78.09	ng	0.00
7) Phenol-d6	6.60	99	1253489	79.94	ng	0.00
23) Nitrobenzene-d5	7.54	82	1182472	84.08	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	307801	85.01	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1804001	85.20	ng	0.00
78) Terphenyl-d14	13.09	244	1583143	73.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	244347	38.039	ng	97
3) Pyridine	3.58	79	674105	37.658	ng	99
4) n-Nitrosodimethylamine	3.55	42	318883	38.886	ng	# 95
6) Aniline	6.64	93	911577	39.810	ng	99
8) 2-Chlorophenol	6.76	128	547022	40.983	ng	99
9) Benzaldehyde	6.52	77	473982	39.849	ng	98
10) Phenol	6.61	94	668035	39.023	ng	99
11) bis(2-Chloroethyl)ether	6.71	93	594450	40.563	ng	98
12) 1,3-Dichlorobenzene	6.91	146	635035	40.424	ng	98
13) 1,4-Dichlorobenzene	6.99	146	643374	40.358	ng	99
14) 1,2-Dichlorobenzene	7.15	146	596695	39.761	ng	97
15) Benzyl Alcohol	7.11	79	543105	40.442	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	719879	34.268	ng	97
17) 2-Methylphenol	7.21	107	487110	40.904	ng	98
18) Hexachloroethane	7.49	117	206501	36.354	ng	# 89
19) n-Nitroso-di-n-propylamine	7.38	70	442426	37.606	ng	95
20) 3+4-Methylphenols	7.37	107	604585	39.699	ng	89
22) Acetophenone	7.38	105	800141	38.374	ng	# 98
24) Nitrobenzene	7.56	77	625461	40.916	ng	99
25) Isophorone	7.80	82	1081968	39.386	ng	100
26) 2-Nitrophenol	7.87	139	281216	47.395	ng	99
27) 2,4-Dimethylphenol	7.90	122	486795	41.858	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	718550	40.339	ng	98
29) 2,4-Dichlorophenol	8.11	162	474239	42.269	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	507419	40.335	ng	96
31) Naphthalene	8.28	128	1444899	38.631	ng	96
32) Benzoic acid	8.01	122	305283	37.475	ng	93
33) 4-Chloroaniline	8.32	127	664161	40.069	ng	97
34) Hexachlorobutadiene	8.39	225	336949	41.691	ng	99
35) Caprolactam	8.71	113	159454	42.017	ng	97
36) 4-Chloro-3-methylphenol	8.80	107	495293	39.908	ng	98
37) 2-Methylnaphthalene	8.97	142	982287	38.559	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	524587	42.943	ng	97
40) Hexachlorocyclopentadiene	9.12	237	76044	11.283	ng	98

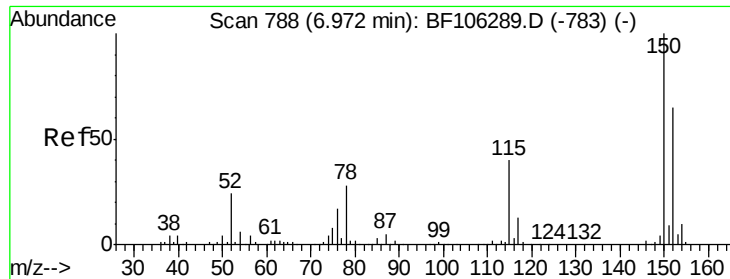
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	347977	44.699	nq	98
43) 2,4,5-Trichlorophenol	9.28	196	361690	43.097	nq	# 91
45) 1,1'-Biphenyl	9.44	154	1173292	40.254	nq	96
46) 2-Chloronaphthalene	9.46	162	932289	39.969	nq	99
47) 2-Nitroaniline	9.55	65	336329	45.836	nq	93
48) Acenaphthylene	9.88	152	1410786	39.515	nq	95
49) Dimethylphthalate	9.73	163	1148442	42.717	nq	# 97
50) 2,6-Dinitrotoluene	9.80	165	239750	43.657	nq	99
51) Acenaphthene	10.05	154	878539	38.103	nq	98
52) 3-Nitroaniline	9.97	138	286960	44.025	nq	99
53) 2,4-Dinitrophenol	10.07	184	36223	21.433	nq	# 21
54) Dibenzofuran	10.22	168	1211734	39.028	nq	# 92
55) 4-Nitrophenol	10.11	139	191615	38.353	nq	90
56) 2,4-Dinitrotoluene	10.20	165	297566	43.149	nq	96
57) Fluorene	10.57	166	916156	37.243	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	279833	42.069	nq	# 85
59) Diethylphthalate	10.43	149	1109694	41.585	nq	# 93
60) 4-Chlorophenyl-phenylether	10.55	204	524338	40.526	nq	89
61) 4-Nitroaniline	10.58	138	252467	39.811	nq	95
62) Azobenzene	10.71	77	1030882	37.049	nq	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	77905	26.805	nq	89
65) n-Nitrosodiphenylamine	10.67	169	933607	45.406	nq	98
66) 4-Bromophenyl-phenylether	11.04	248	332435	47.775	nq	# 88
67) Hexachlorobenzene	11.11	284	317009	44.190	nq	# 85
68) Atrazine	11.20	200	290131	45.788	nq	96
69) Pentachlorophenol	11.30	266	203525	46.082	nq	99
70) Phenanthrene	11.53	178	1195028	39.886	nq	96
71) Anthracene	11.58	178	1213543	40.430	nq	97
72) Carbazole	11.73	167	1091495	39.389	nq	97
73) Di-n-butylphthalate	12.05	149	1422431	46.121	nq	# 96
74) Fluoranthene	12.72	202	1215450	38.040	nq	97
76) Benzidine	12.84	184	688797	38.495	nq	99
77) Pyrene	12.95	202	1244762	36.981	nq	97
79) Butylbenzylphthalate	13.56	149	554506	44.010	nq	# 96
80) Benzo(a)anthracene	14.14	228	1286049	40.196	nq	96
81) 3,3'-Dichlorobenzidine	14.10	252	510606	47.301	nq	# 97
82) Chrysene	14.18	228	1187756	40.662	nq	96
83) Bis(2-ethylhexyl)phthalate	14.11	149	776592	42.988	nq	100
84) Di-n-octyl phthalate	14.74	149	1302181	49.999	nq	100
85) Indeno(1,2,3-cd)pyrene	17.24	276	1060744	45.501	nq	94
87) Benzo(b)fluoranthene	15.23	252	1235610	40.586	nq	95
88) Benzo(k)fluoranthene	15.26	252	1228179	40.734	nq	# 95
89) Benzo(a)pyrene	15.62	252	1126862	41.151	nq	97
90) Dibenzo(a,h)anthracene	17.26	278	919299	40.268	nq	95
91) Benzo(g,h,i)perylene	17.72	276	817864	36.863	nq	94

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

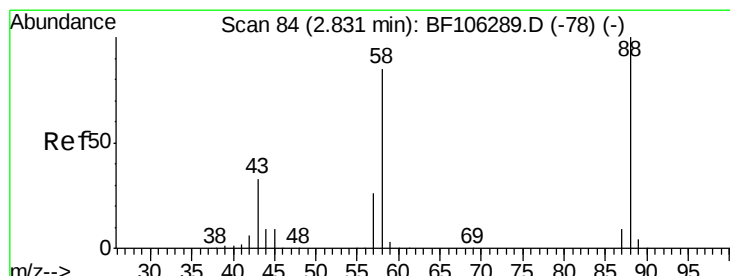
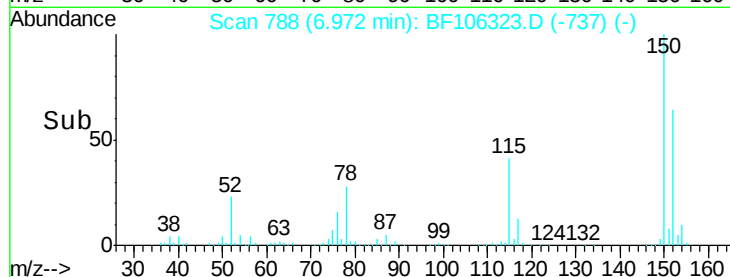
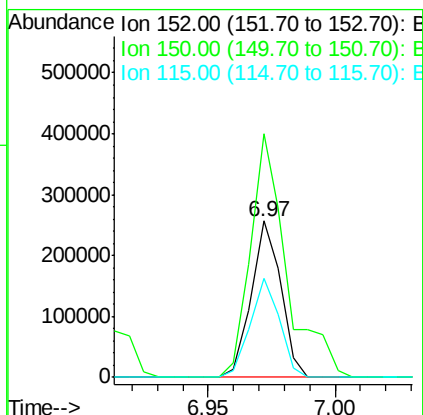
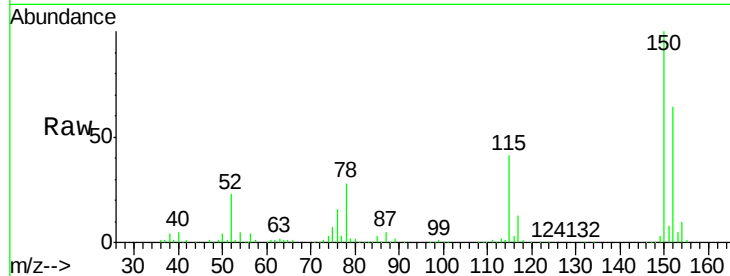


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

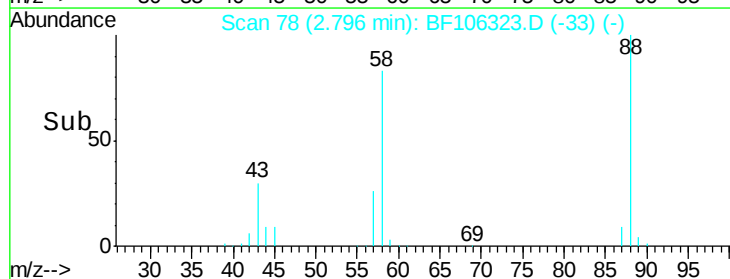
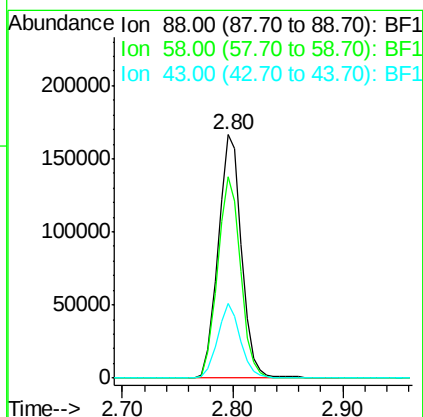
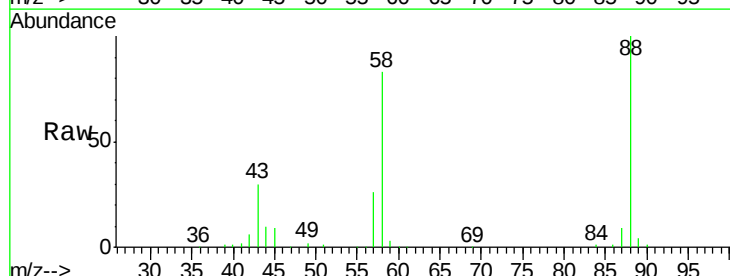
Tot Ion:152 Resp: 210071
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 63.6 50.1 75.1

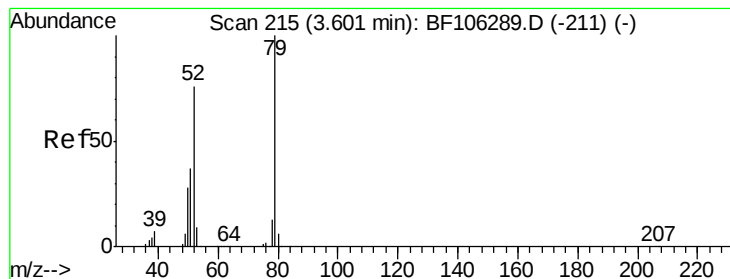


#2

1,4-Dioxane
Concen: 38.039 ng
RT: 2.80 min Scan# 78
Delta R.T. -0.04 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion: 88 Resp: 244347
Ion Ratio Lower Upper
88 100
58 81.1 62.6 93.8
43 29.6 24.6 37.0





#3

Pvridine

Concen: 37.658 ng

RT: 3.58 min Scan# 211

Delta R.T. -0.02 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

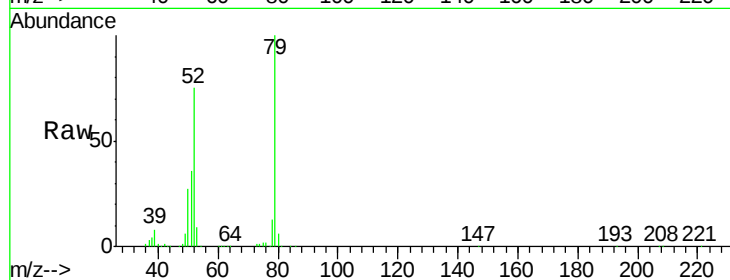
Tot Ion: 79 Resp: 674105

Ion Ratio Lower Upper

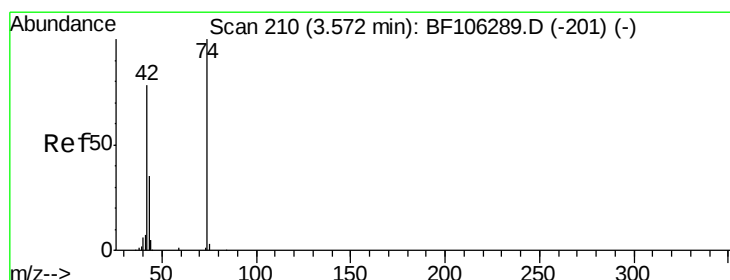
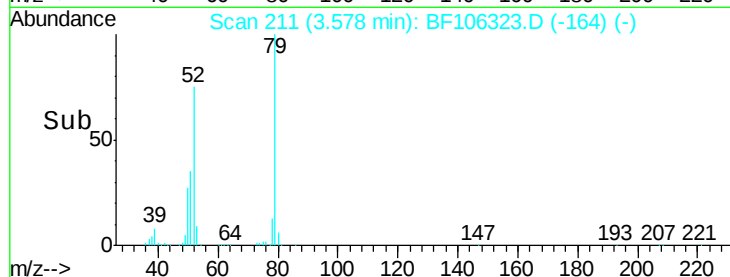
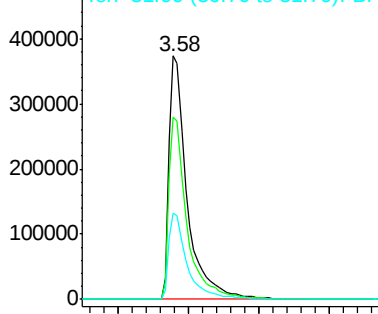
79 100

52 74.8 59.8 89.6

51 35.5 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 38.886 ng

RT: 3.55 min Scan# 206

Delta R.T. -0.02 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

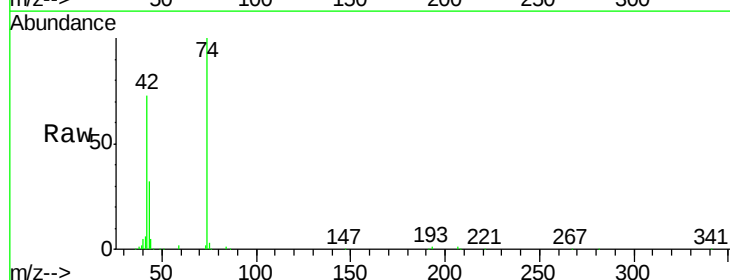
Tgt Ion: 42 Resp: 318883

Ion Ratio Lower Upper

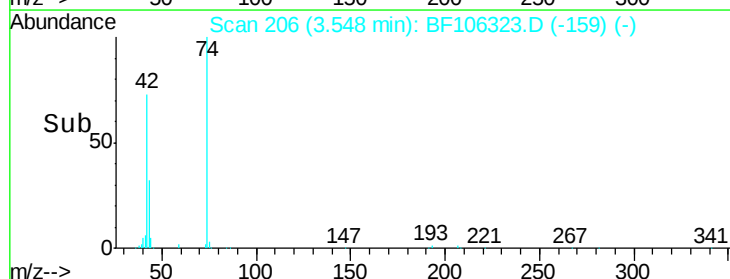
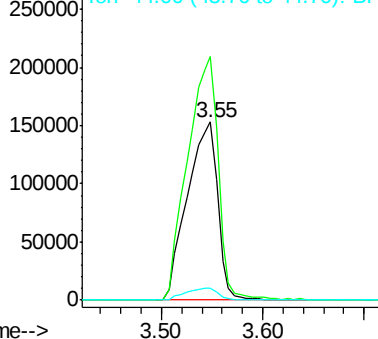
42 100

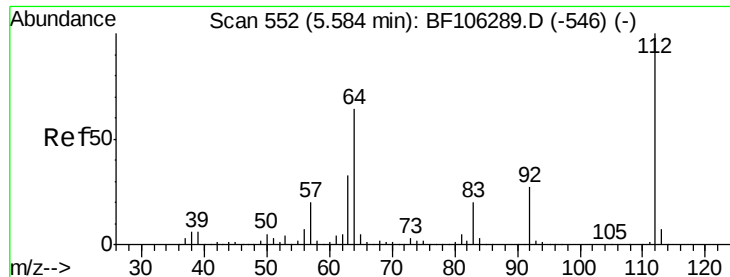
74 136.6 104.9 157.3

44 6.8 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 78.091 ng

RT: 5.58 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

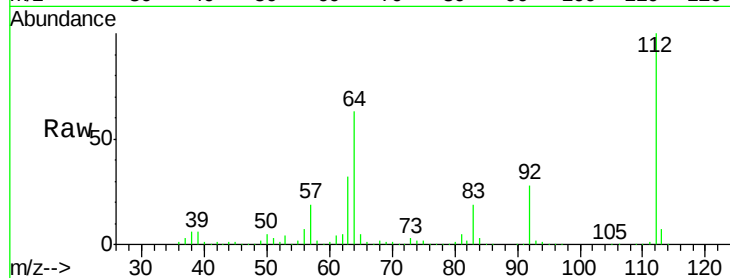
Tot Ion: 112 Resp: 969252

Ion Ratio Lower Upper

112 100

64 63.1 47.9 71.9

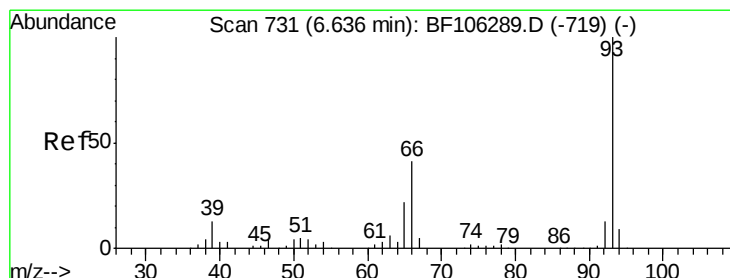
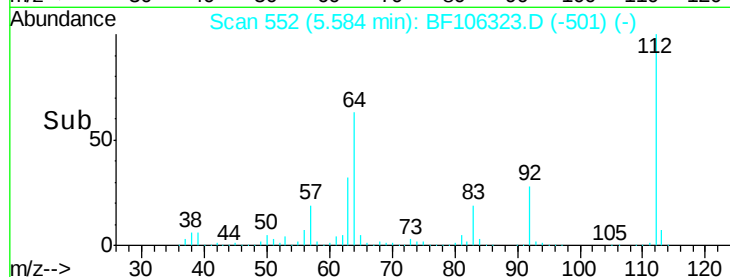
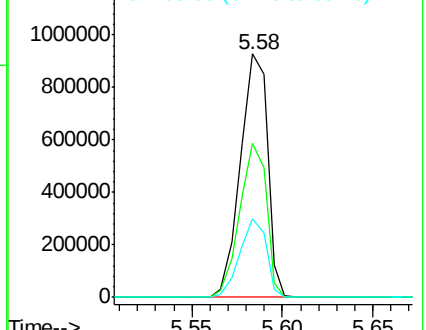
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.810 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

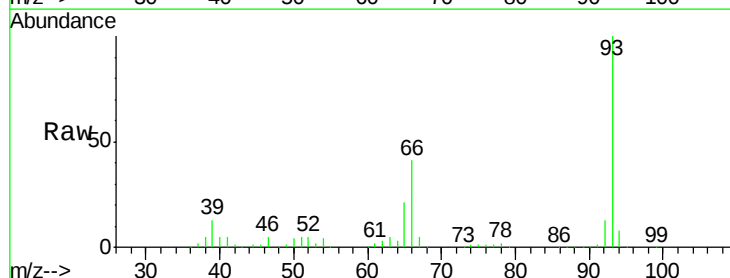
Tgt Ion: 93 Resp: 911577

Ion Ratio Lower Upper

93 100

66 40.9 32.2 48.2

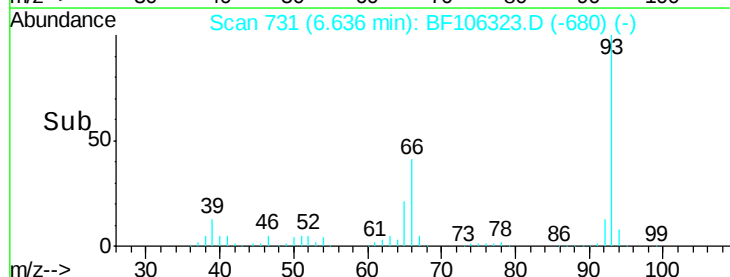
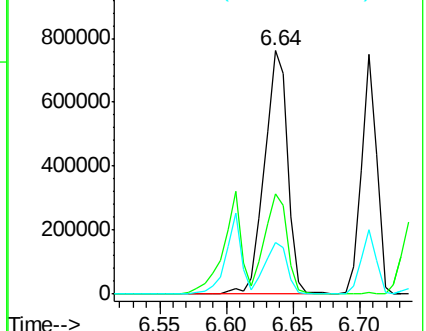
65 21.1 16.4 24.6

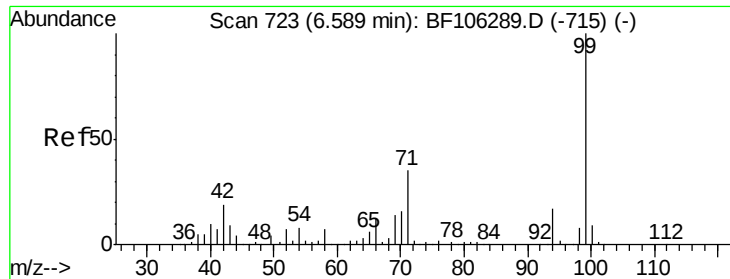


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.935 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

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ClientSampleId :

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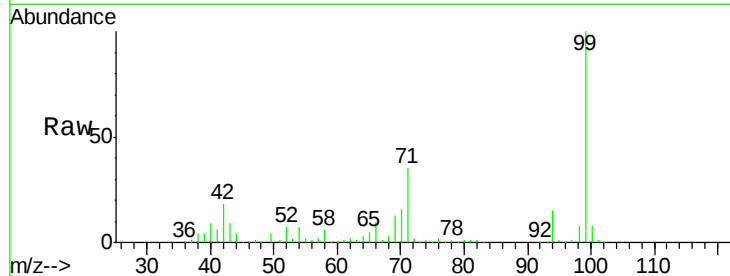
Tot Ion: 99 Resp: 1253489

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.5	21.7
71	34.6	25.4	38.0

99 100

42 17.7 14.5 21.7

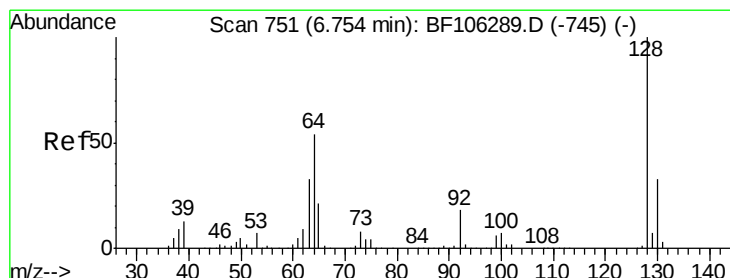
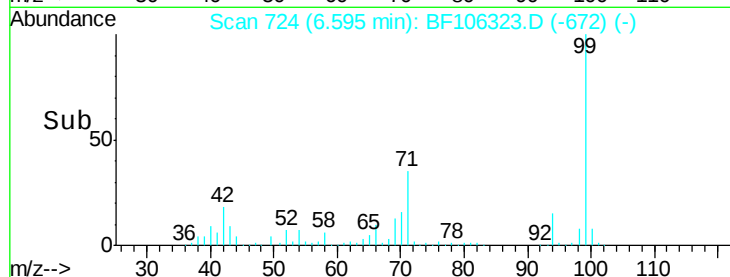
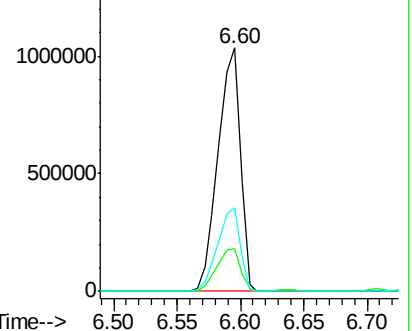
71 34.6 25.4 38.0



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: 40.983 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

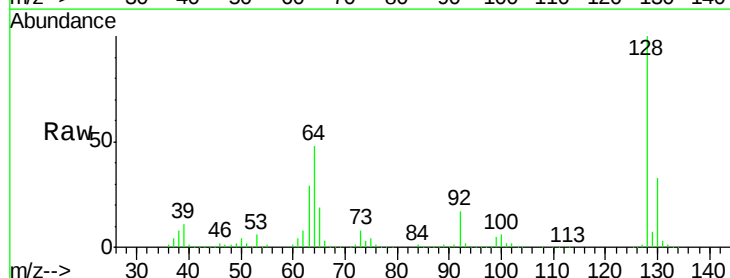
Tgt Ion: 128 Resp: 547022

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	48.4	29.4	69.4

128 100

130 33.1 13.0 53.0

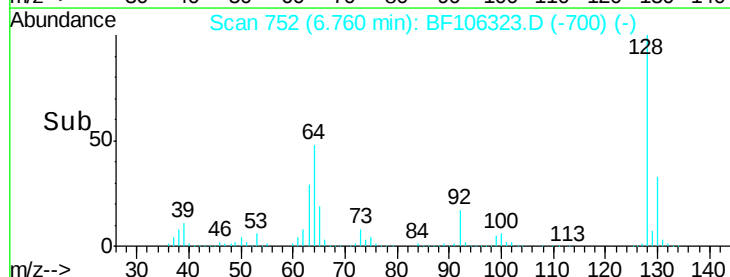
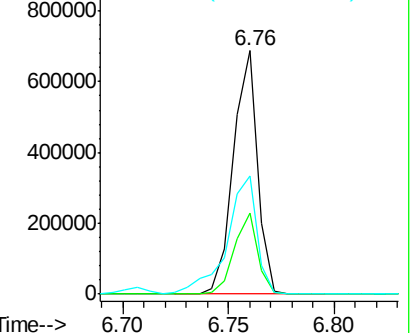
64 48.4 29.4 69.4

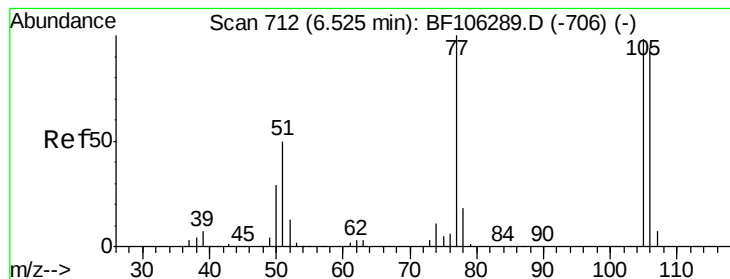


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.849 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

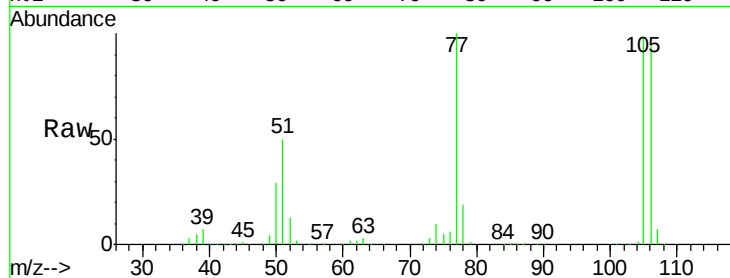
Tot Ion: 77 Resp: 473982

Ion Ratio Lower Upper

77 100

105 98.0 81.1 121.1

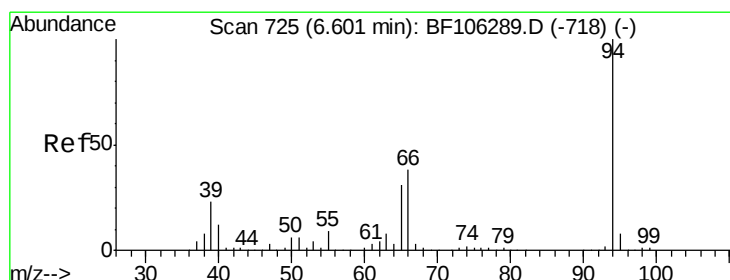
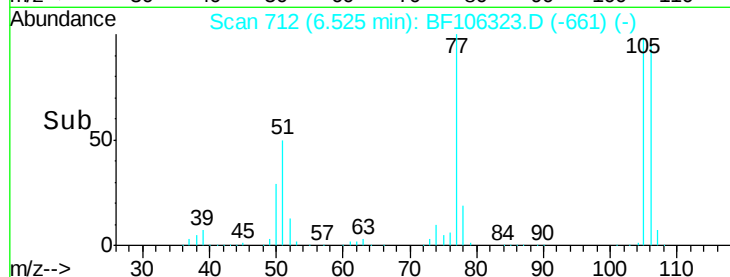
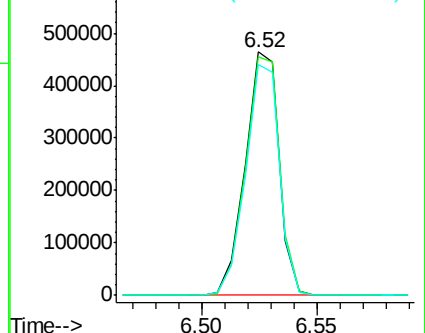
106 94.8 74.5 114.5



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: 39.023 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

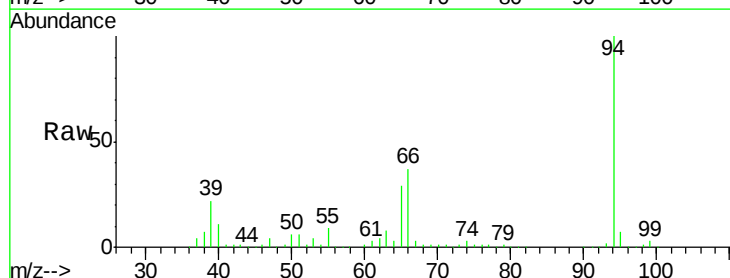
Tgt Ion: 94 Resp: 668035

Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

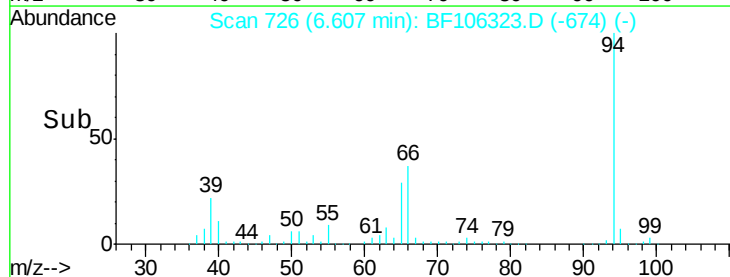
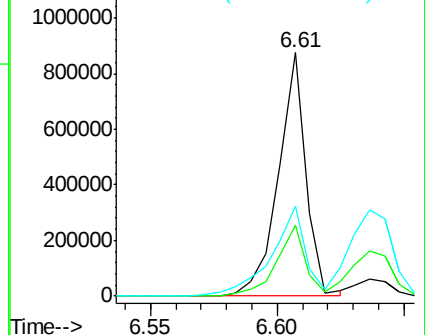
66 36.9 16.2 56.2

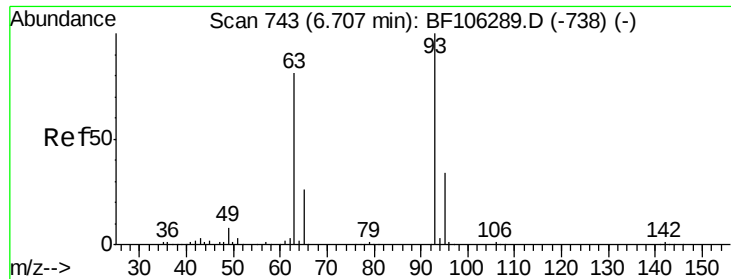


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

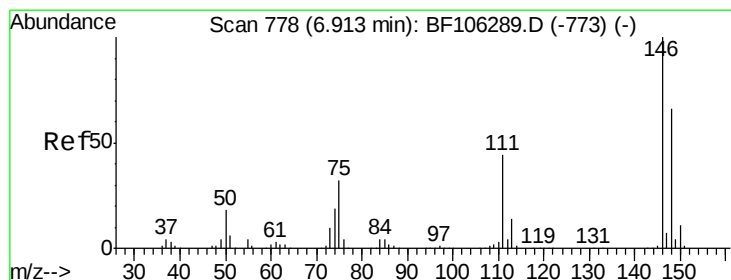
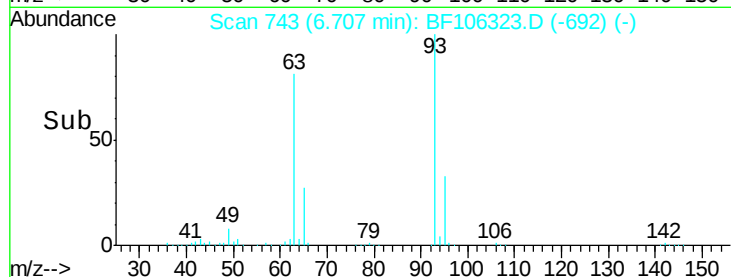
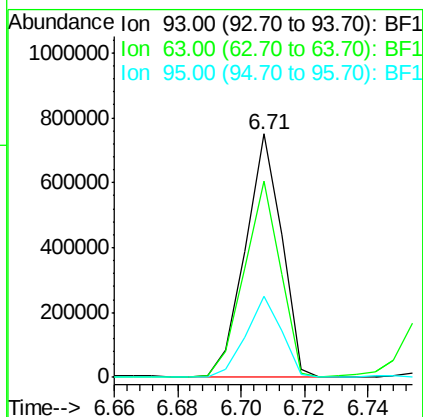
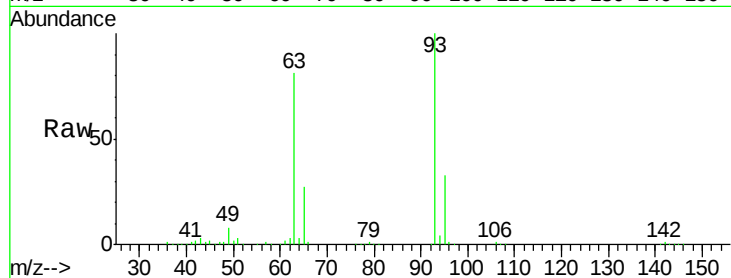




#11
bis(2-Chloroethyl)ether
Concen: 40.563 ng
RT: 6.71 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

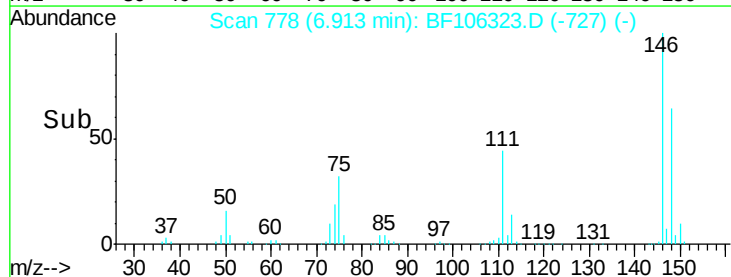
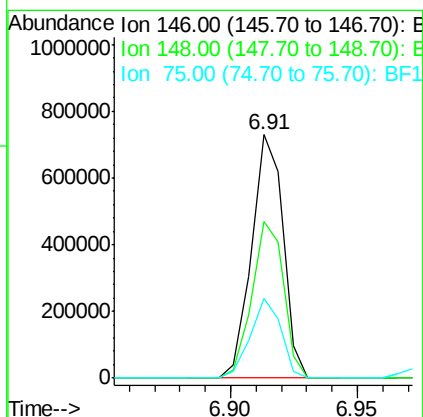
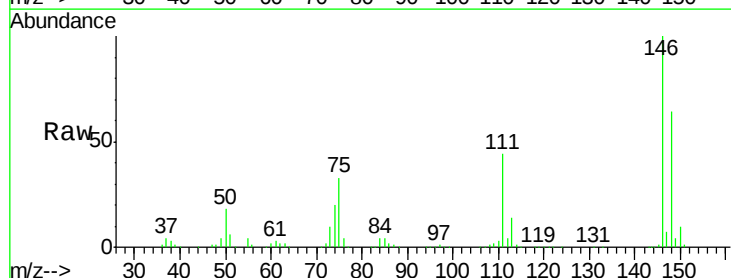
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

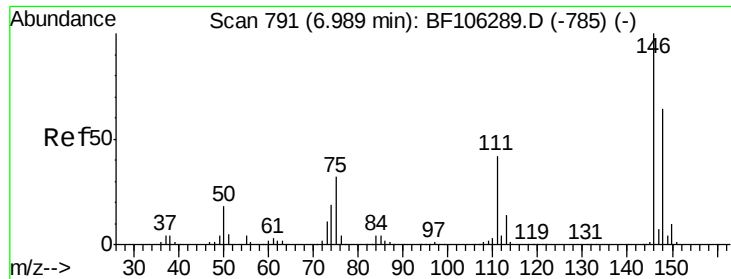
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.8	58.6	98.6
95	33.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 40.424 ng
RT: 6.91 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	32.6	24.2	36.4

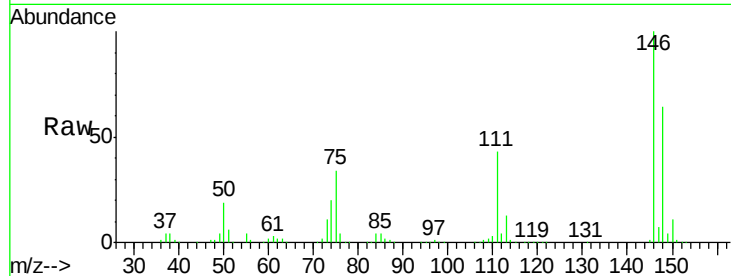




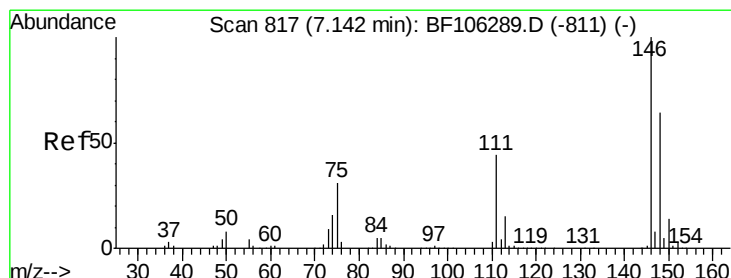
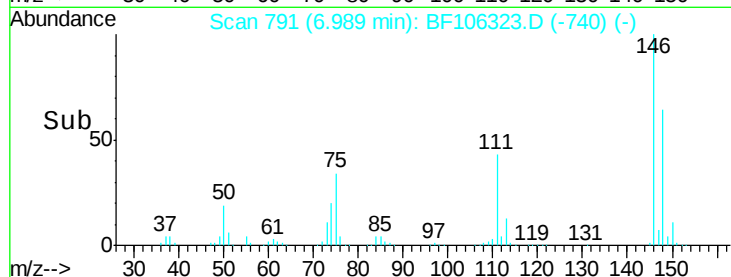
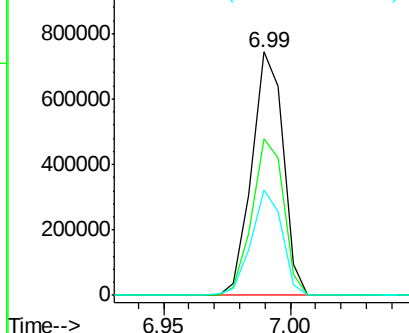
#13
 1,4-Dichlorobenzene
 Concen: 40.358 ng
 RT: 6.99 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 643374
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 43.1 34.2 51.2

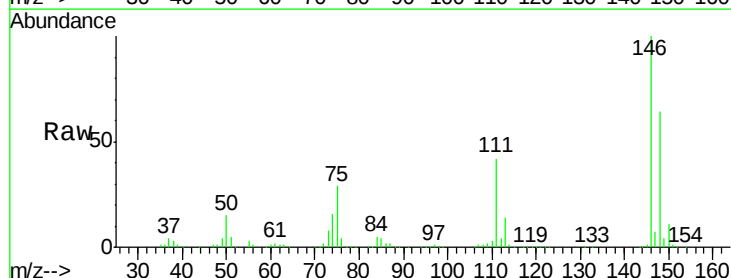


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

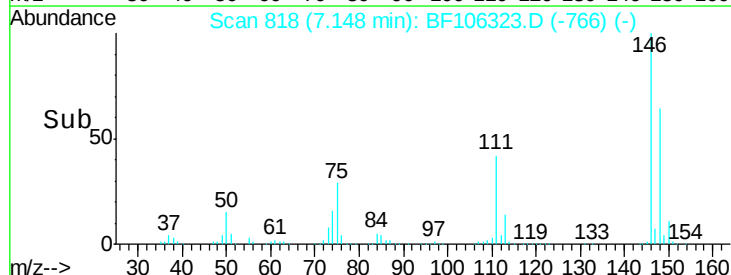
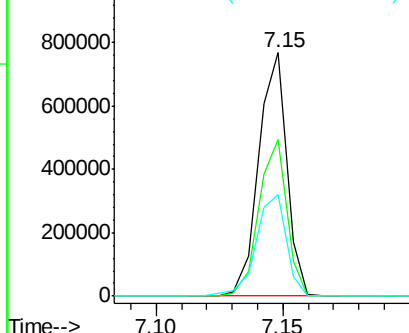


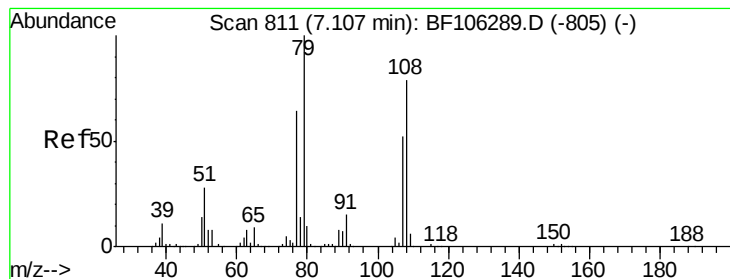
#14
 1,2-Dichlorobenzene
 Concen: 39.761 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

Tgt Ion:146 Resp: 596695
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 41.7 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: 40.442 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

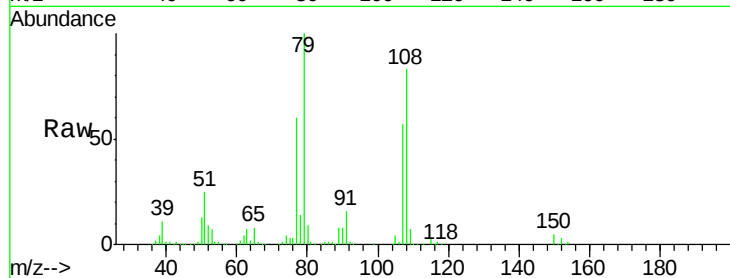
Tot Ion: 79 Resp: 543105

Ion Ratio Lower Upper

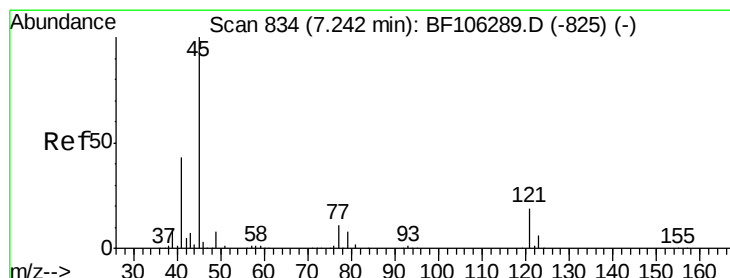
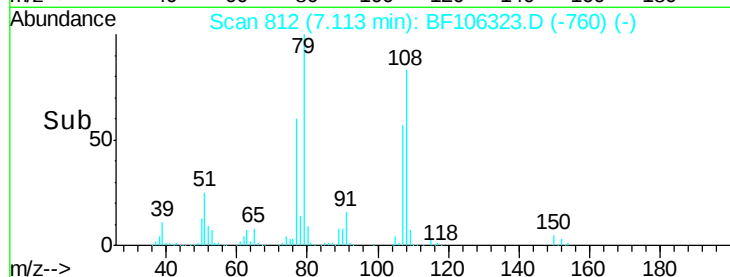
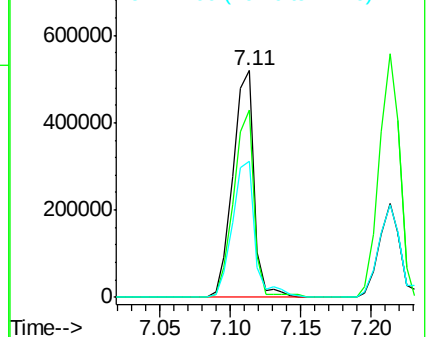
79 100

108 82.7 65.1 97.7

77 60.3 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.268 ng

RT: 7.24 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

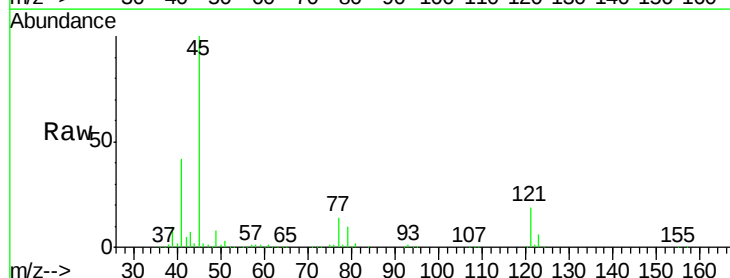
Tgt Ion: 45 Resp: 719879

Ion Ratio Lower Upper

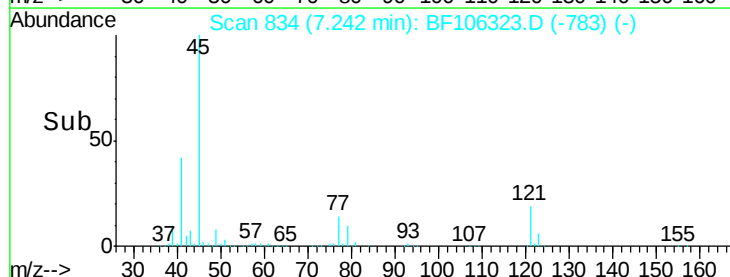
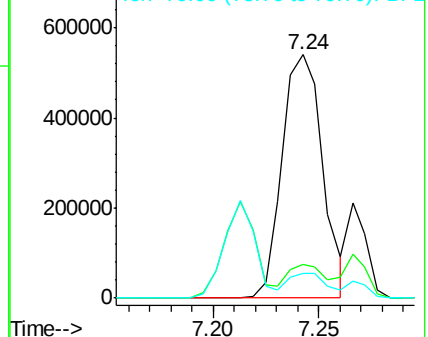
45 100

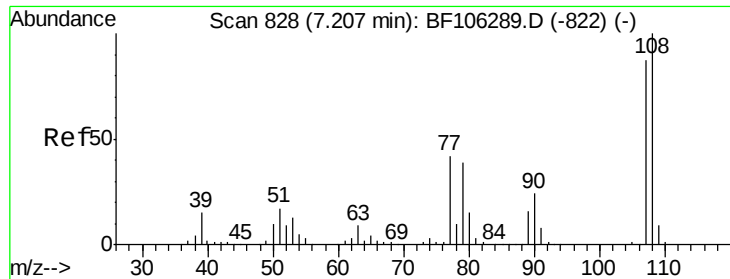
77 14.0 0.0 32.9

79 10.4 0.0 29.6



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





#17

2-Methylphenol

Concen: 40.904 ng

RT: 7.21 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 487110

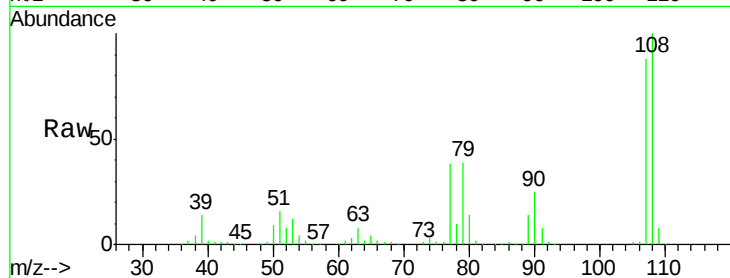
Ion Ratio Lower Upper

107 100

108 113.4 91.7 137.5

77 43.4 33.8 50.8

79 44.0 33.8 50.8

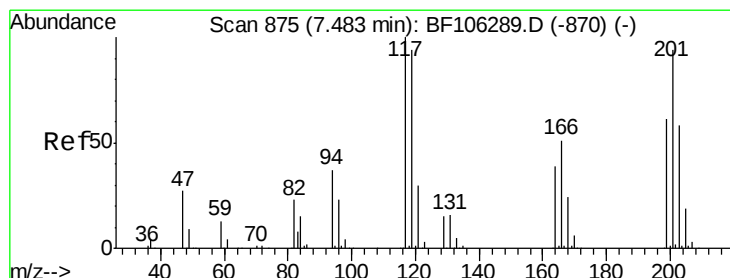
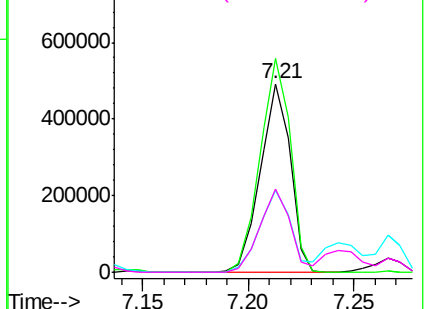
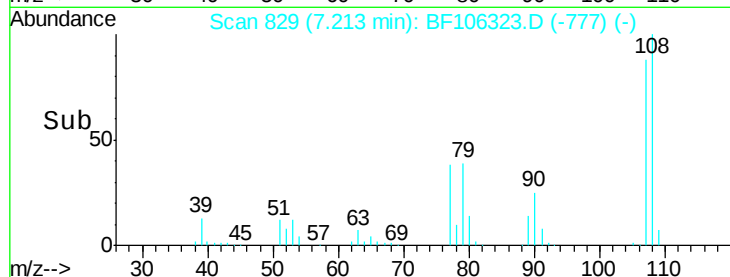


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.354 ng

RT: 7.49 min Scan# 876

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

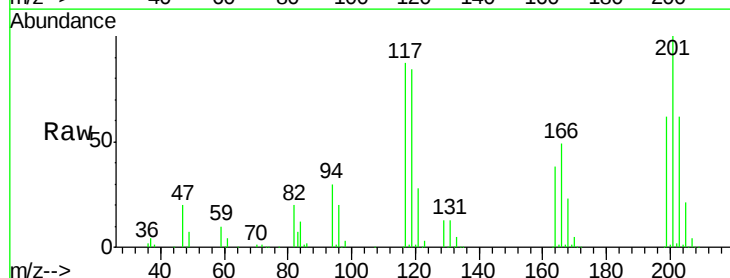
Tgt Ion:117 Resp: 206501

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

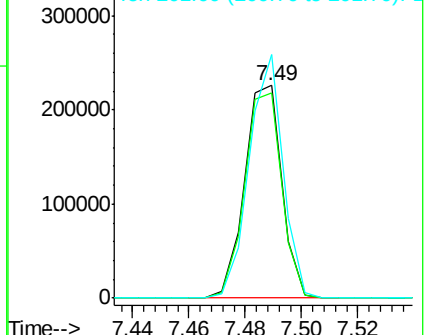
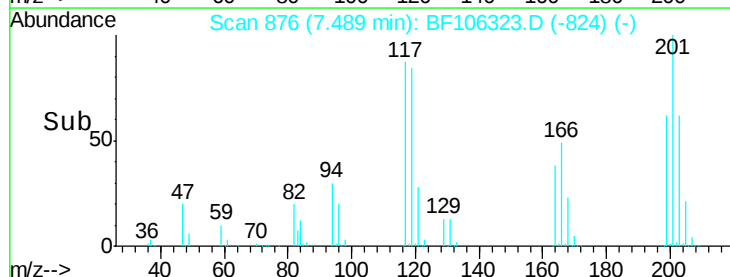
201 114.4 75.7 113.5#

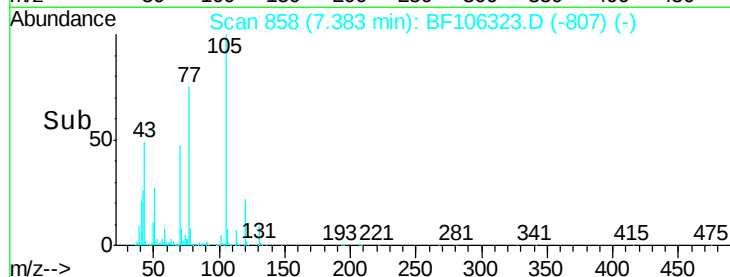
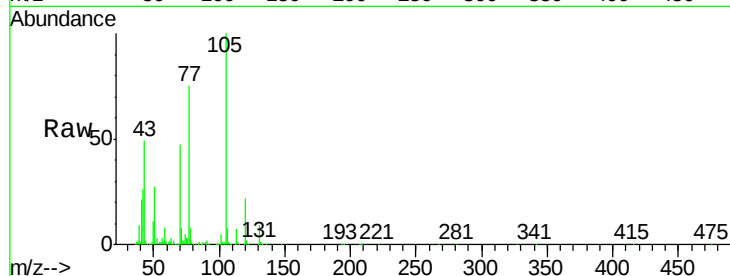
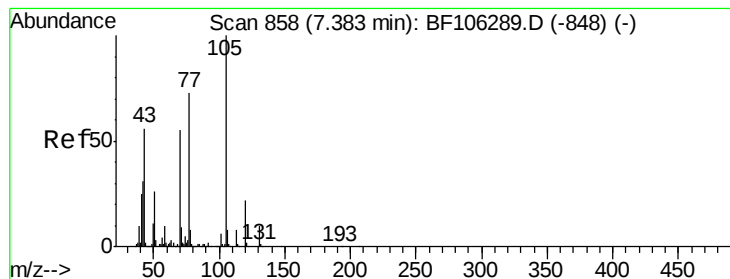


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.606 ng

RT: 7.38 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 442426

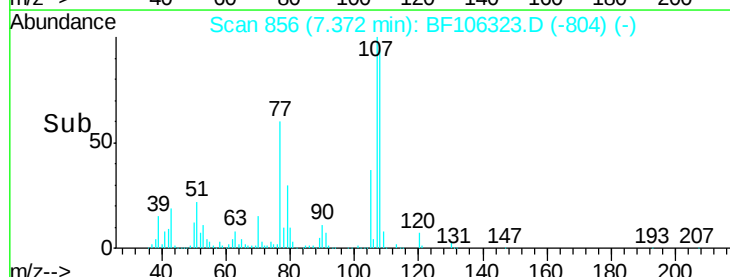
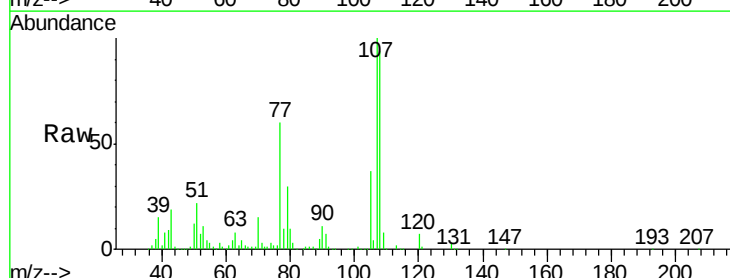
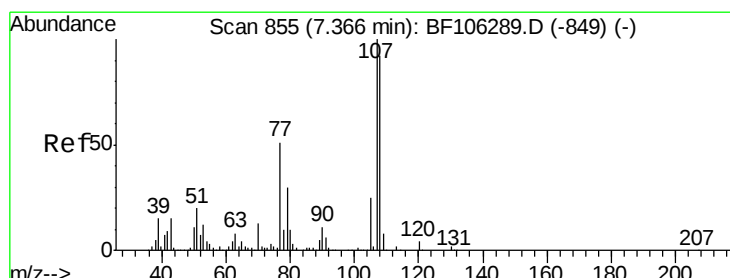
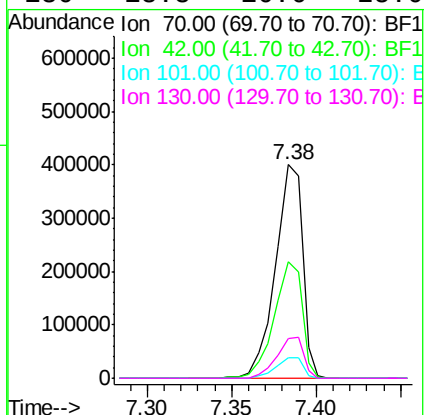
Ion Ratio Lower Upper

70 100

42 54.4 47.5 71.3

101 9.5 7.4 11.2

130 18.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 39.699 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Tgt Ion: 107 Resp: 604585

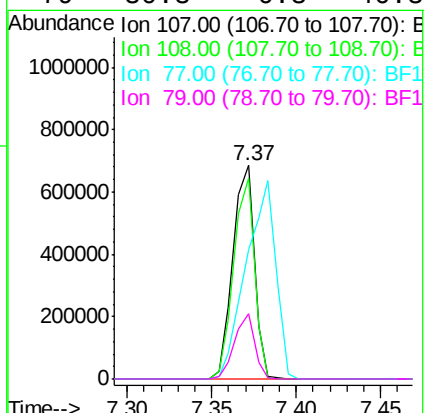
Ion Ratio Lower Upper

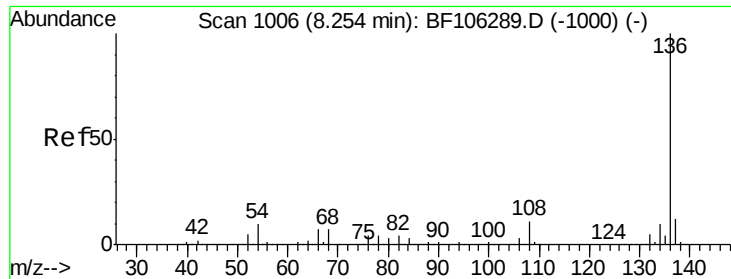
107 100

108 94.3 68.2 108.2

77 60.3 26.7 66.7

79 30.3 6.3 46.3

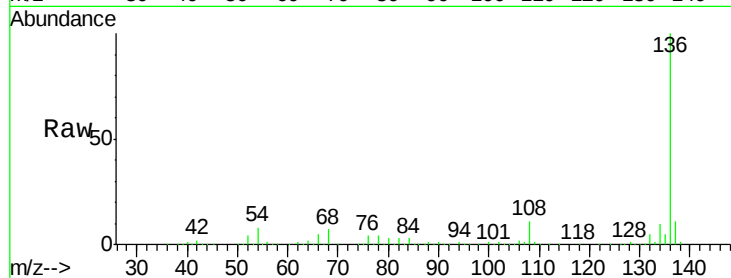




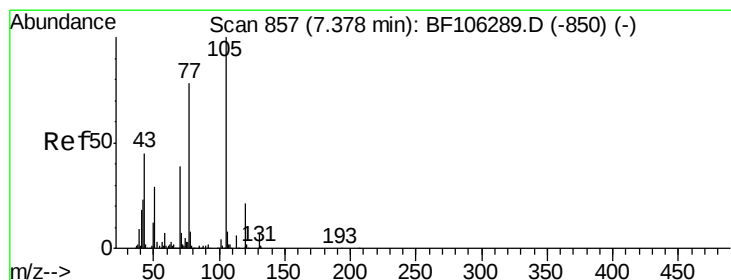
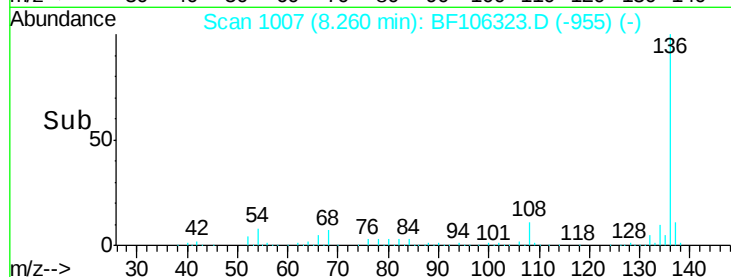
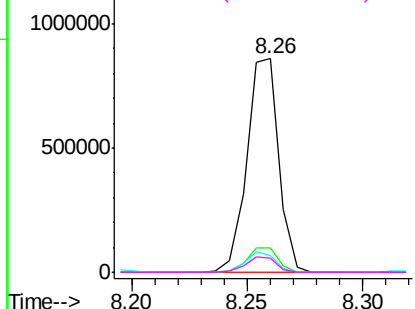
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	827389
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	8.1	6.6 9.8
68	6.9	5.0 7.4

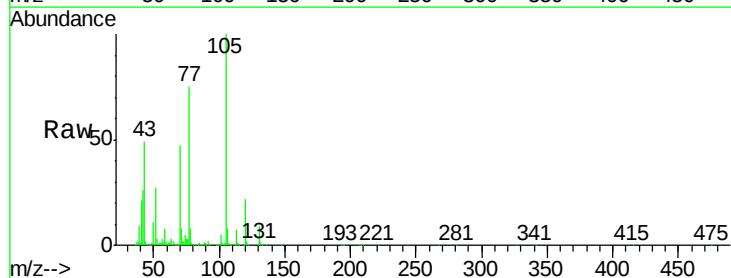


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

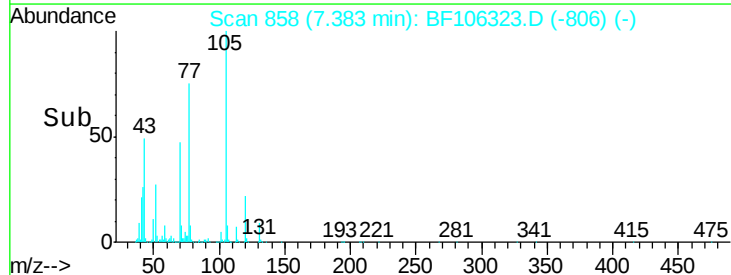
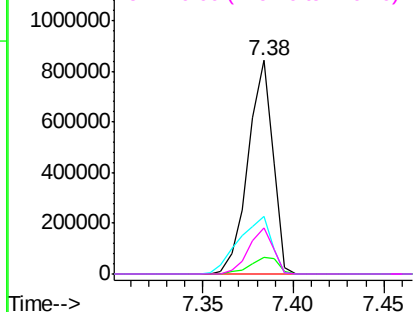


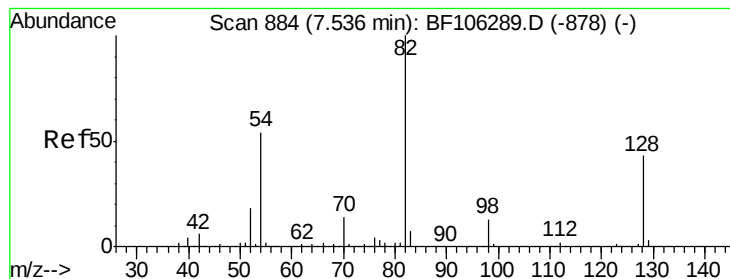
#22
Acetophenone
Concen: 38.374 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion:105	Resp:	800141
Ion Ratio	Lower	Upper
105	100	
71	8.0	4.4 6.6#
51	26.8	22.3 33.5
120	21.9	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: 84.075 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

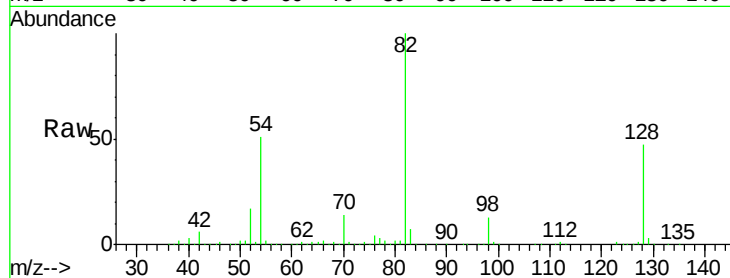
Tot Ion: 82 Resp: 1182472

Ion Ratio Lower Upper

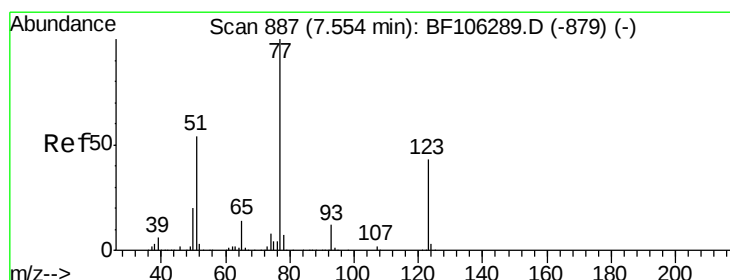
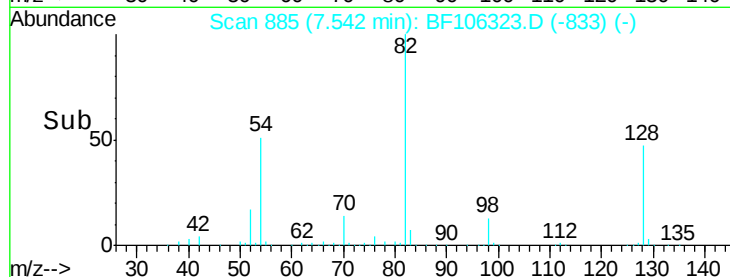
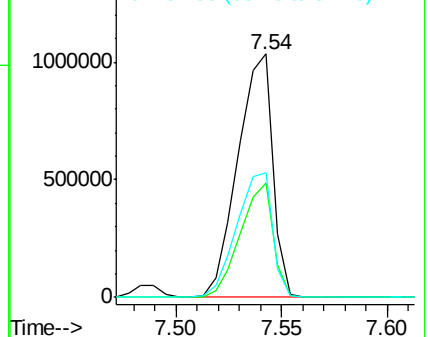
82 100

128 46.9 36.1 54.1

54 51.0 41.4 62.2



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



#24

Nitrobenzene

Concen: 40.916 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

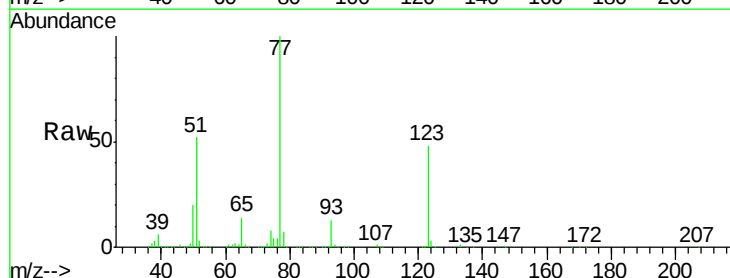
Tgt Ion: 77 Resp: 625461

Ion Ratio Lower Upper

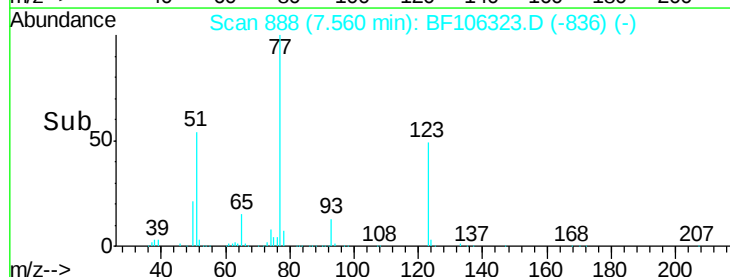
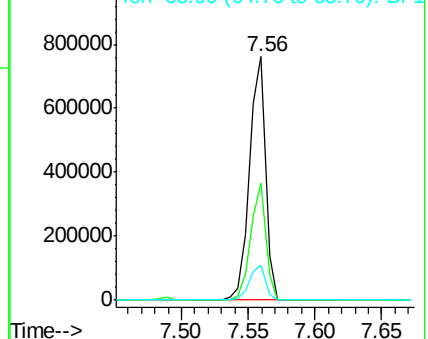
77 100

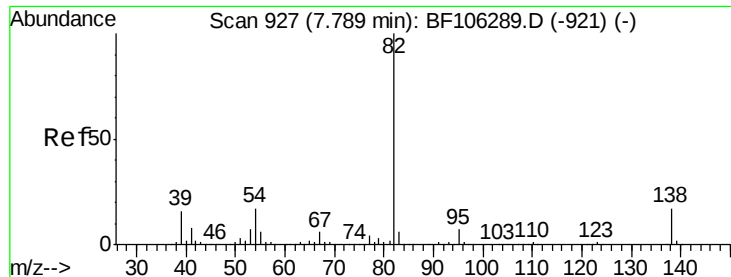
123 47.8 37.9 56.9

65 14.5 11.0 16.4



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





#25

Isophorone

Concen: 39.386 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

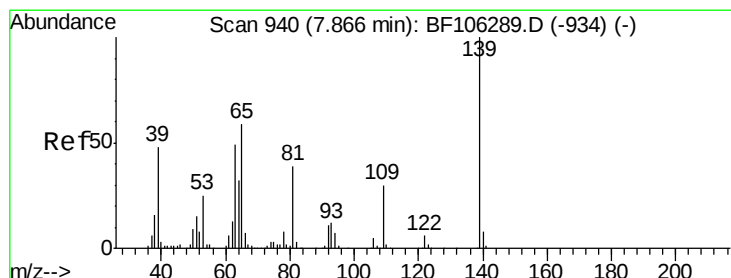
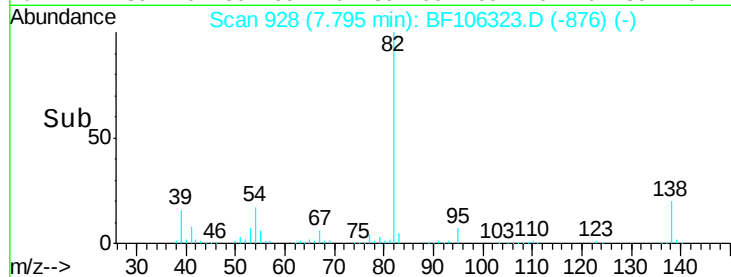
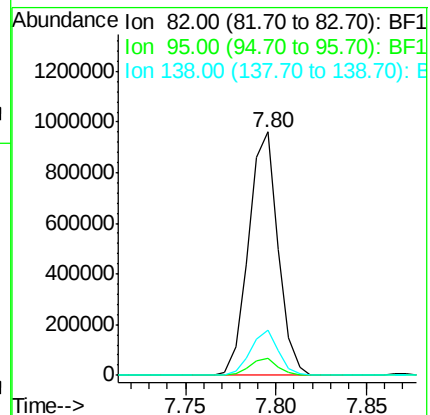
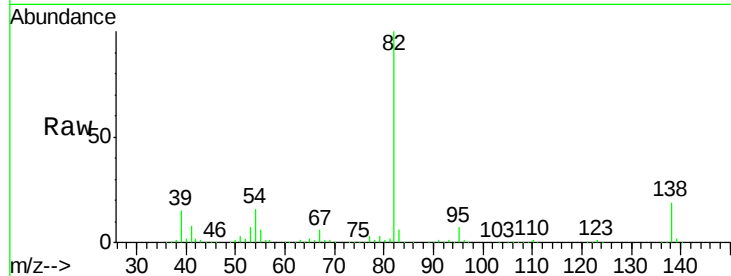
Tot Ion: 82 Resp: 1081968

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 47.395 ng

RT: 7.87 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

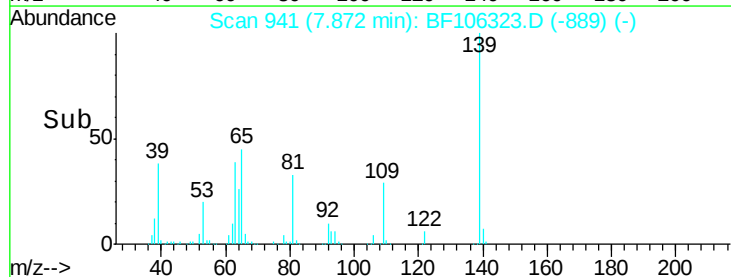
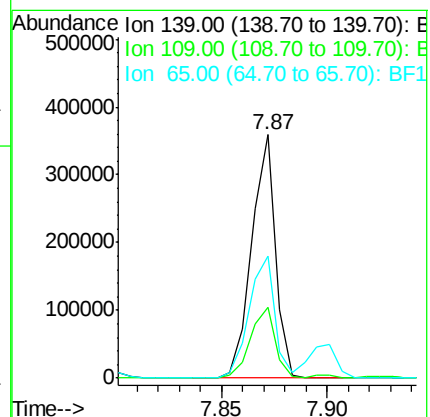
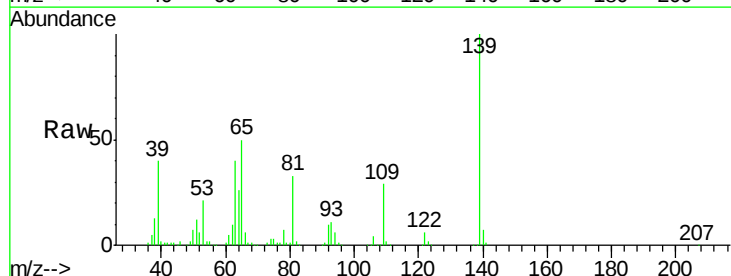
Tgt Ion: 139 Resp: 281216

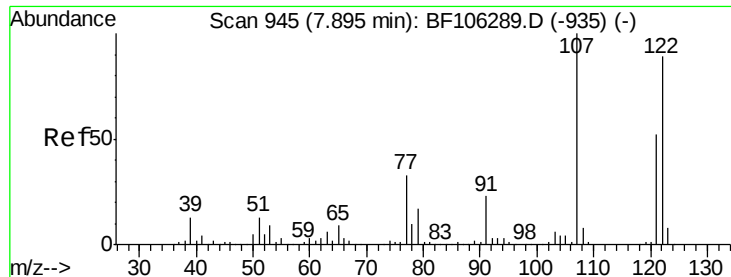
Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

65 49.9 40.5 60.7

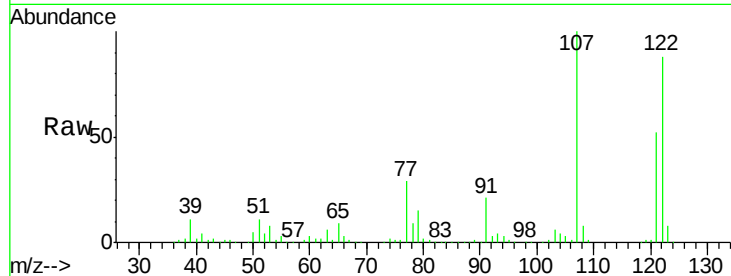




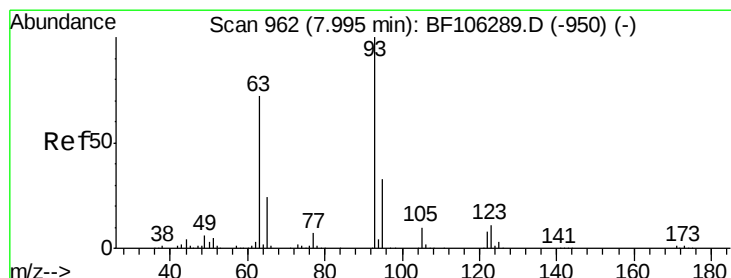
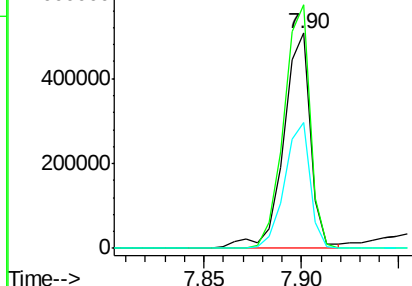
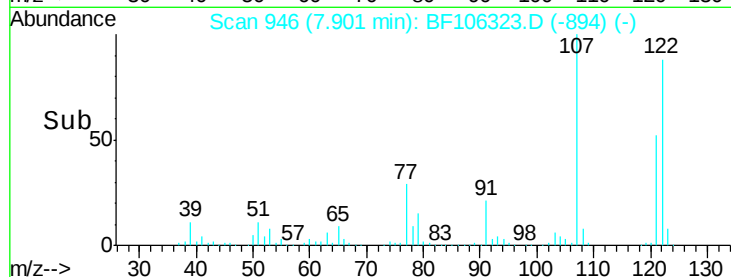
#27
 2,4-Dimethylphenol
 Concen: 41.858 ng
 RT: 7.90 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 486795
 Ion Ratio Lower Upper
 122 100
 107 113.1 91.2 136.8
 121 58.2 47.2 70.8

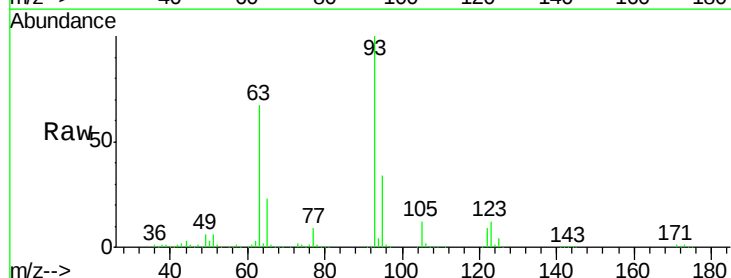


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

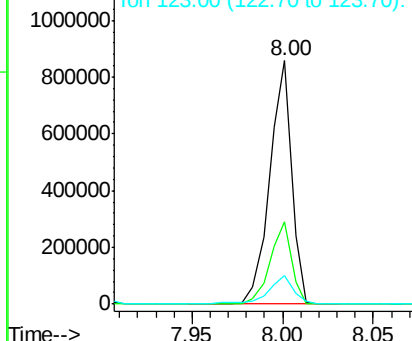
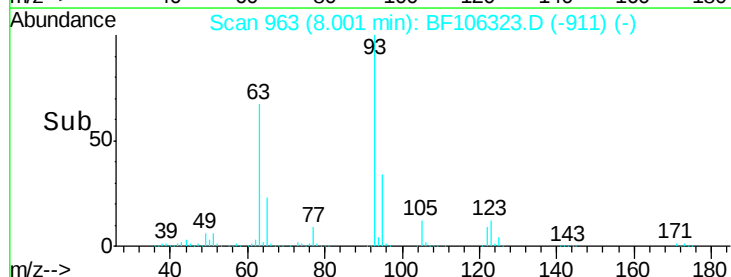


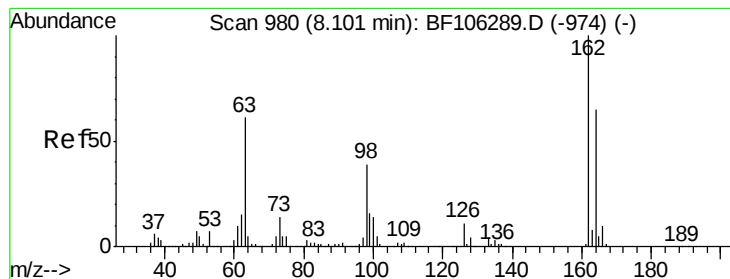
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.339 ng
 RT: 8.00 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

Tgt Ion: 93 Resp: 718550
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.3 39.5
 123 11.7 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: 42.269 ng

RT: 8.11 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

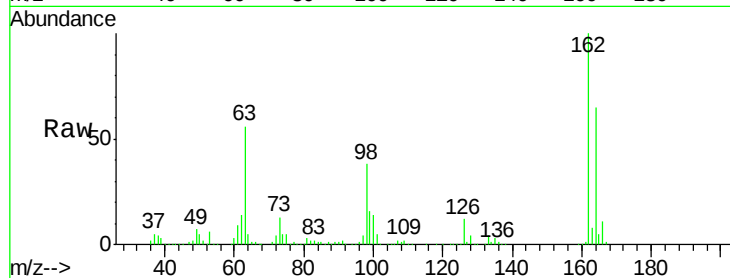
Tot Ion:162 Resp: 474239

Ion Ratio Lower Upper

162 100

164 64.8 42.7 82.7

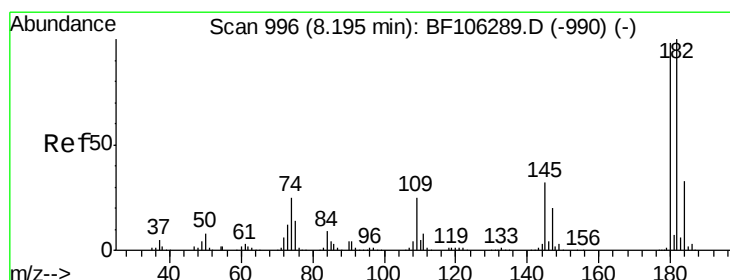
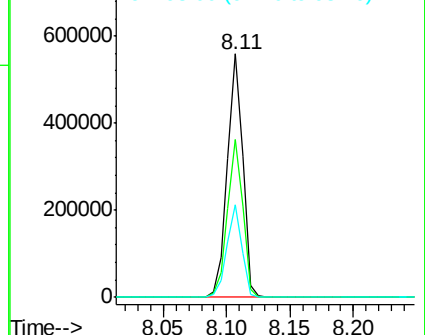
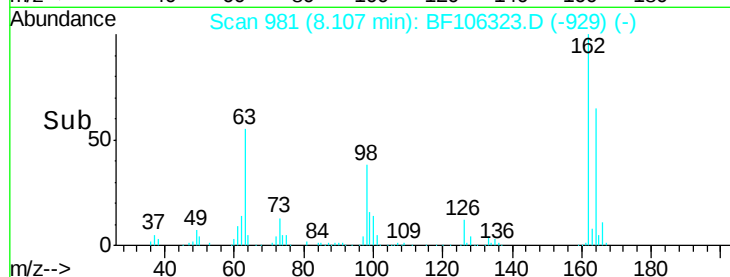
98 38.1 18.1 58.1



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: 40.335 ng

RT: 8.20 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

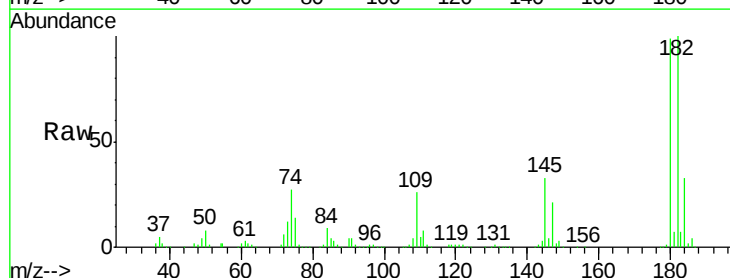
Tgt Ion:180 Resp: 507419

Ion Ratio Lower Upper

180 100

182 100.6 76.8 115.2

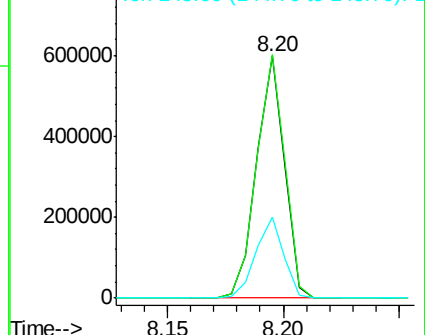
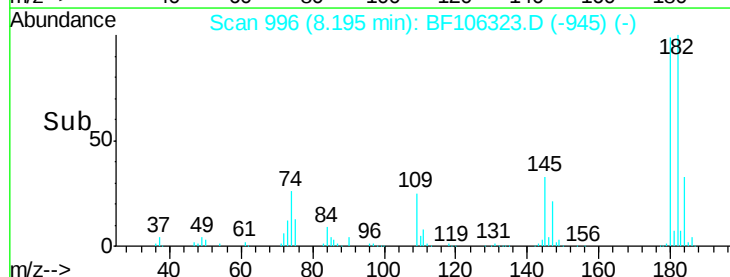
145 33.4 26.5 39.7

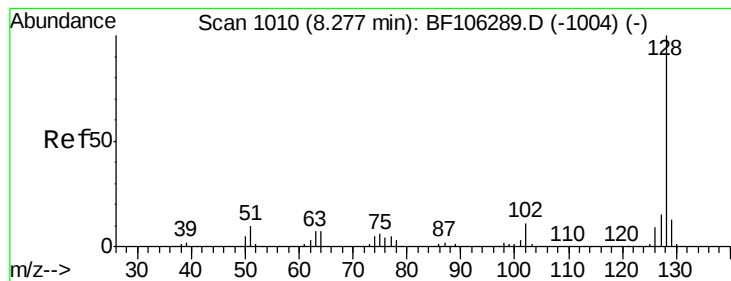


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.631 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

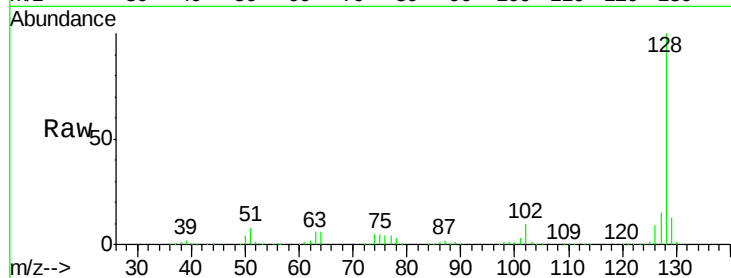
Tot Ion:128 Resp: 1444899

Ion Ratio Lower Upper

128 100

129 12.5 8.8 13.2

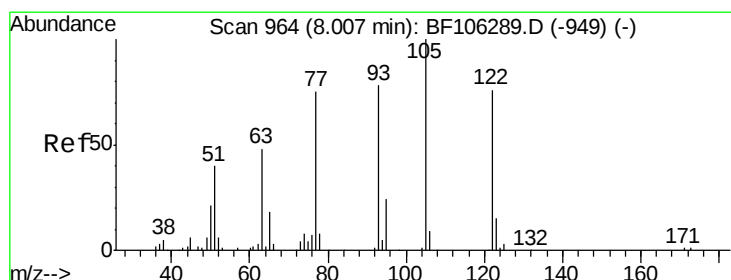
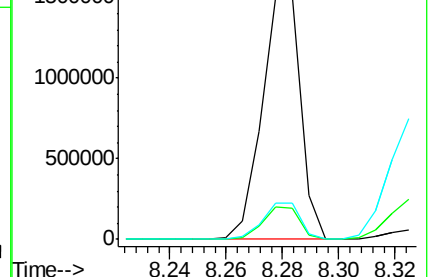
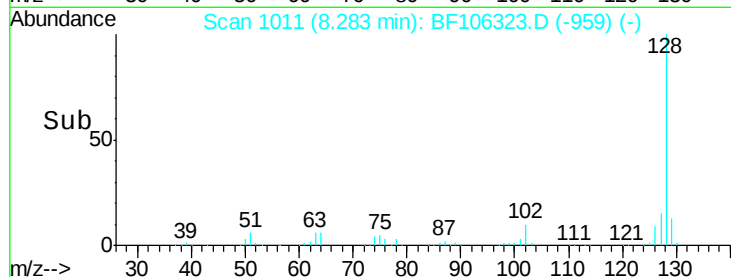
127 15.0 10.9 16.3



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: 37.475 ng

RT: 8.01 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

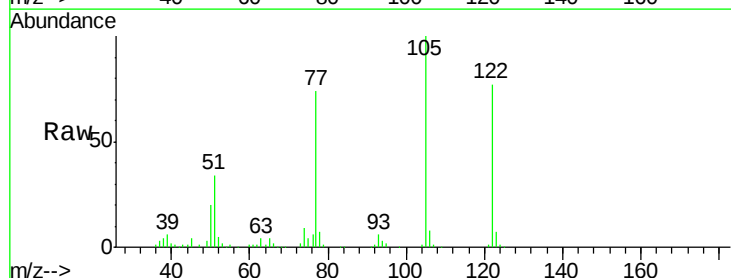
Tgt Ion:122 Resp: 305283

Ion Ratio Lower Upper

122 100

105 129.8 101.1 141.1

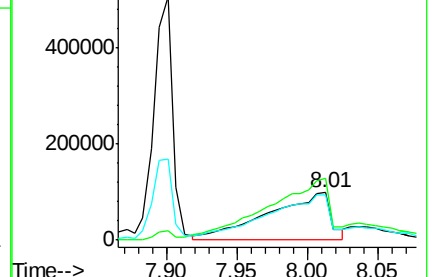
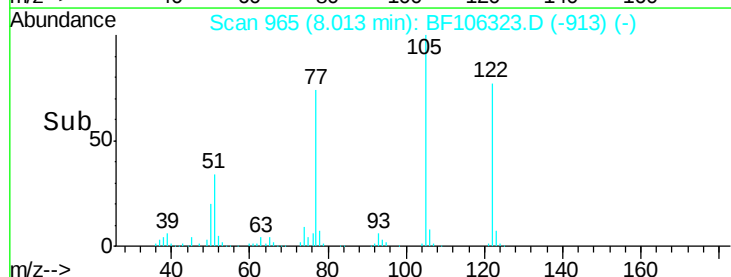
77 95.6 70.7 110.7

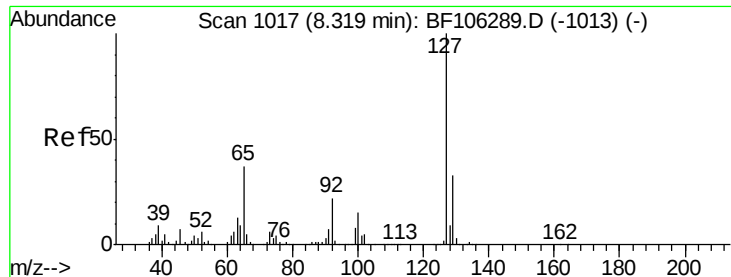


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

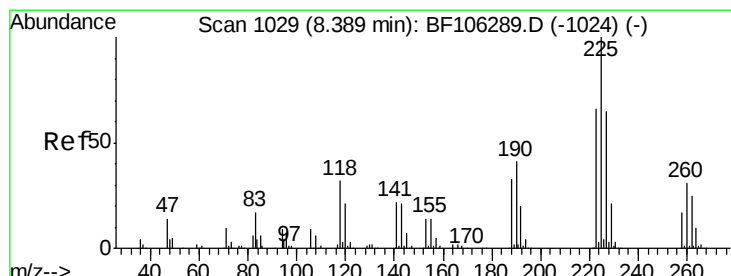
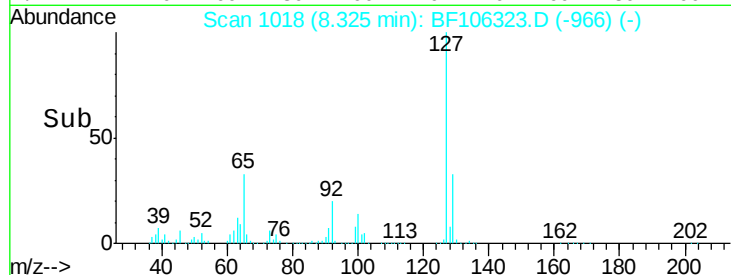
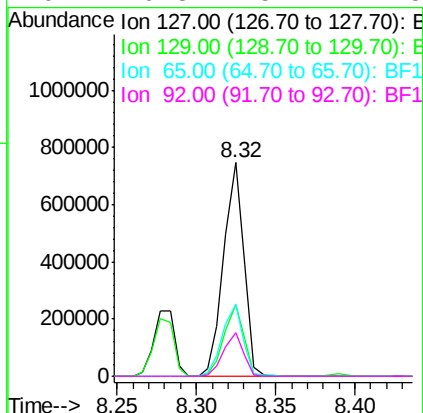
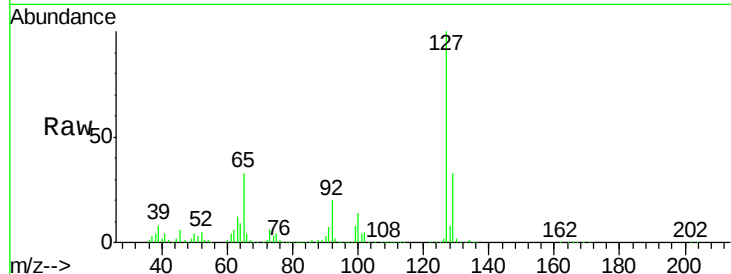




#33
4-Chloroaniline
Concen: 40.069 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

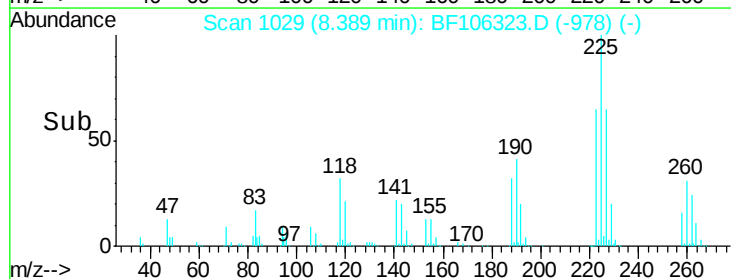
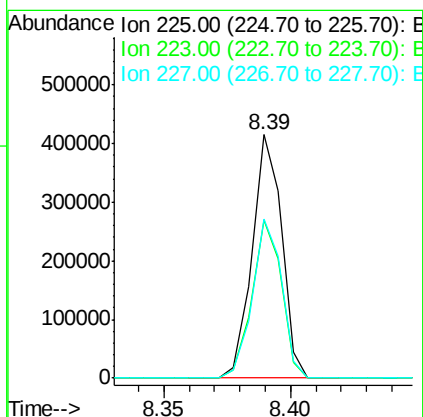
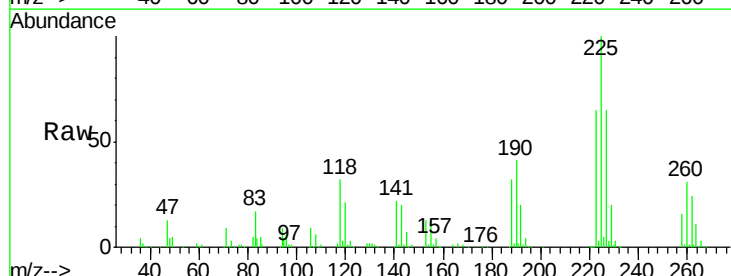
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

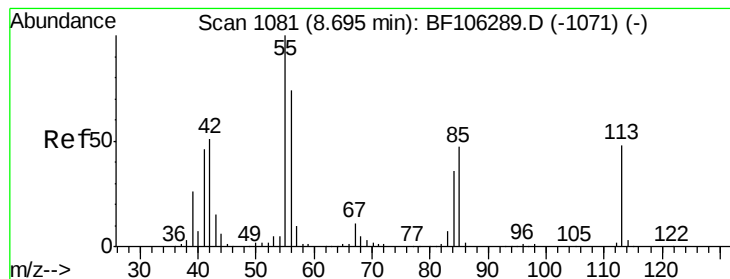
Tot Ion:	127	Resp:	664161
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	33.4	25.0	37.4
92	20.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.691 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion:	225	Resp:	336949
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.6	76.0
227	65.3	51.9	77.9





#35

Caprolactam

Concen: 42.017 ng

RT: 8.71 min Scan# 1083

Delta R.T. 0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

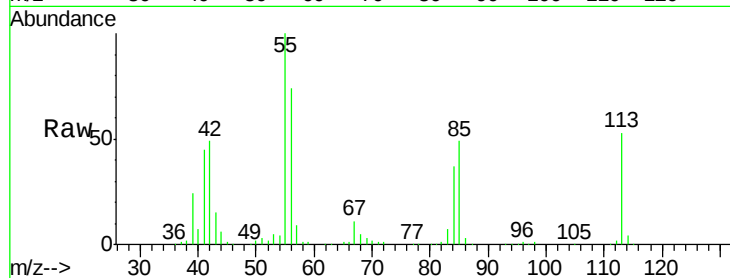
Tot Ion:113 Resp: 159454

Ion Ratio Lower Upper

113 100

55 187.8 163.3 203.3

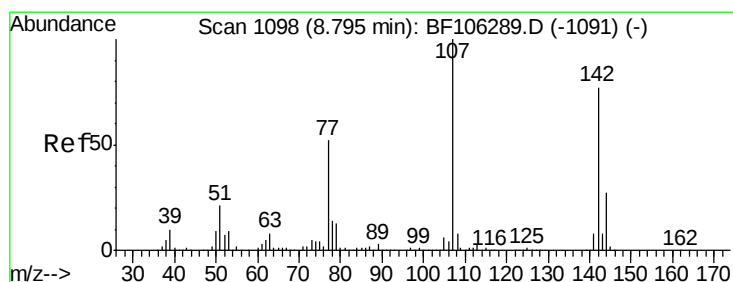
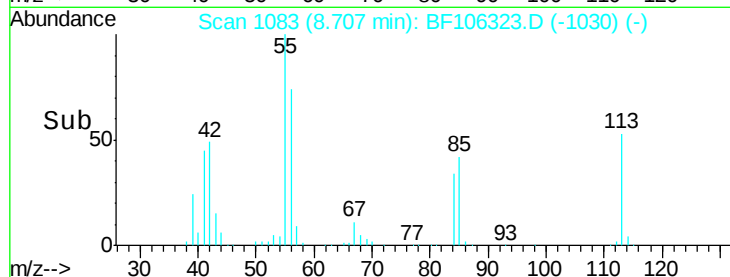
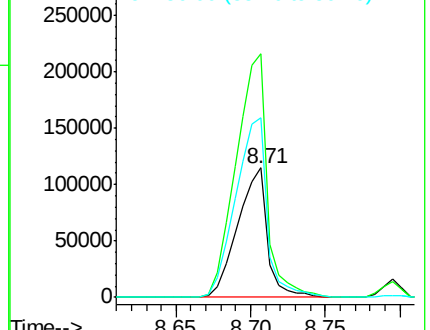
56 138.2 115.7 155.7



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: 39.908 ng

RT: 8.80 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

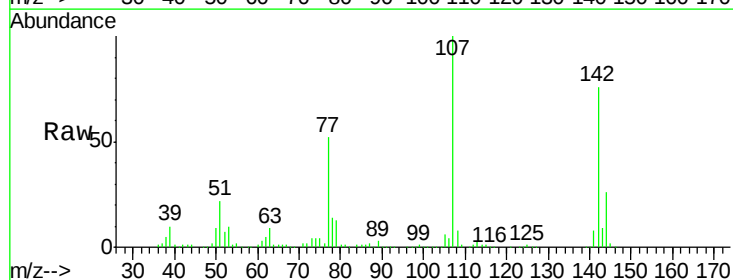
Tgt Ion:107 Resp: 495293

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

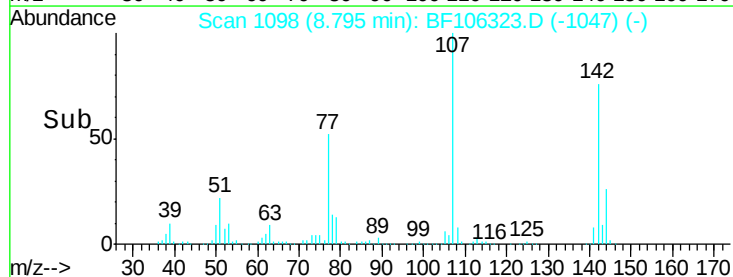
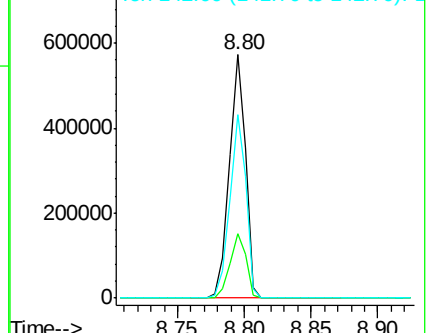
142 75.5 62.0 93.0

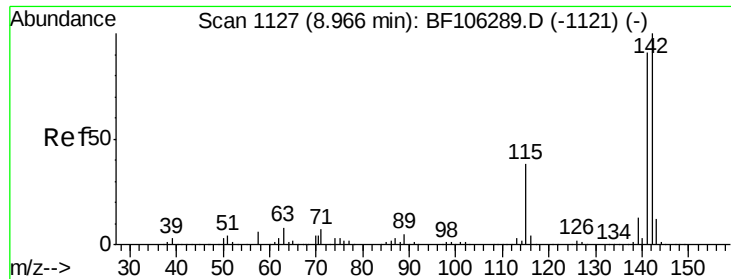


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

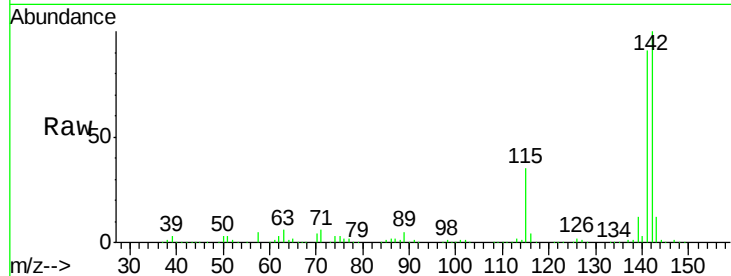




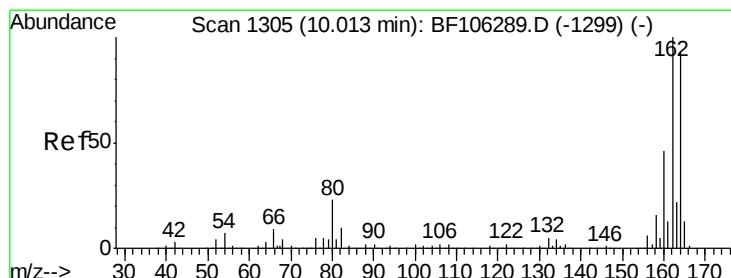
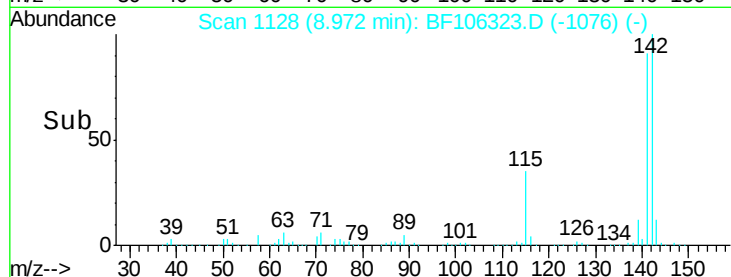
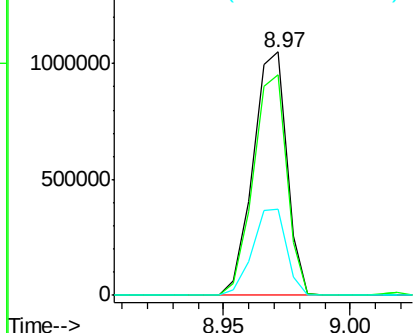
#37
2-Methylnaphthalene
Concen: 38.559 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	35.4	26.1	39.1

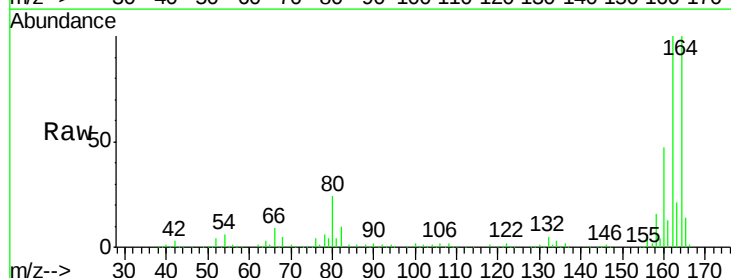


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

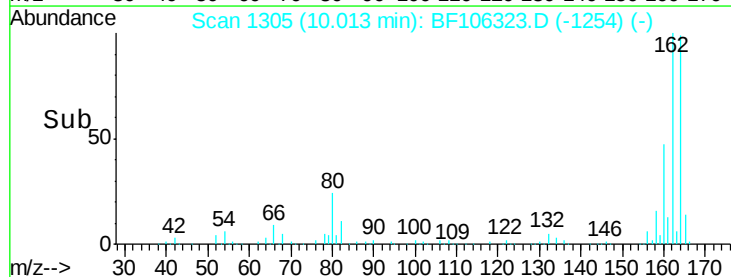
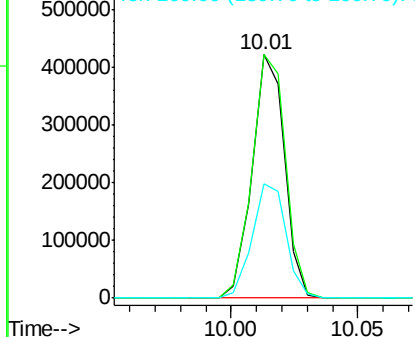


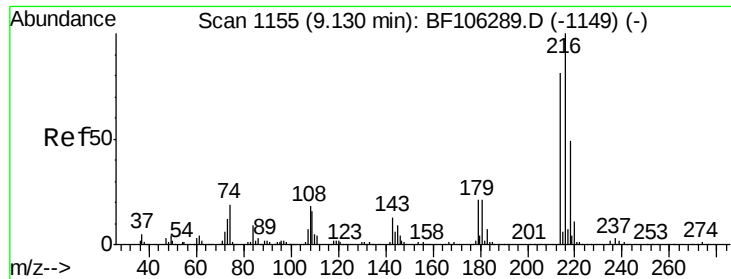
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	86.1	129.1
160	46.9	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: 42.943 ng

RT: 9.13 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 524587

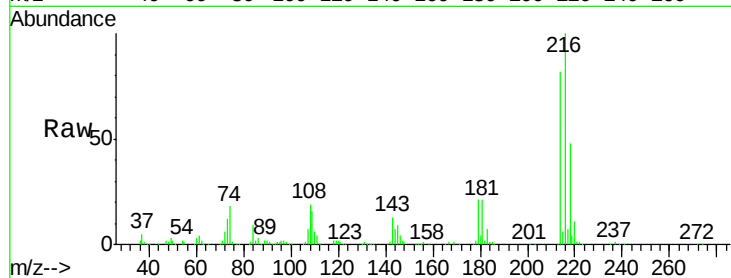
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 20.2 18.1 27.1

108 17.6 17.2 25.8

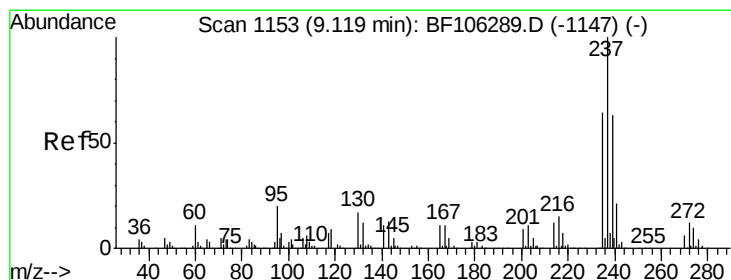
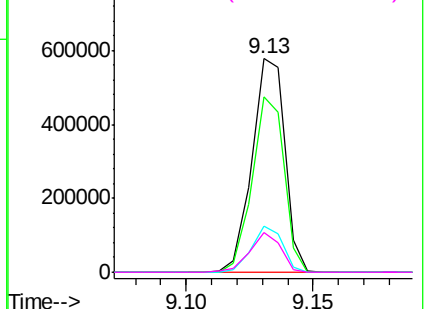
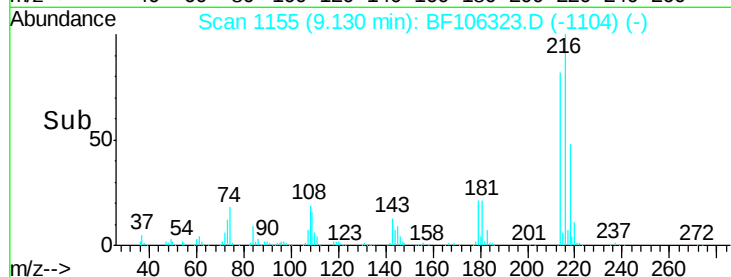


Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.283 ng

RT: 9.12 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

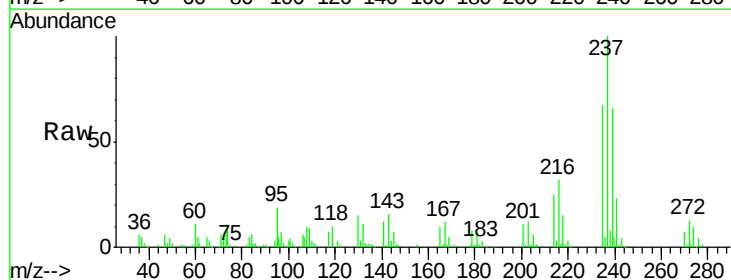
Tgt Ion:237 Resp: 76044

Ion Ratio Lower Upper

237 100

235 66.9 44.8 84.8

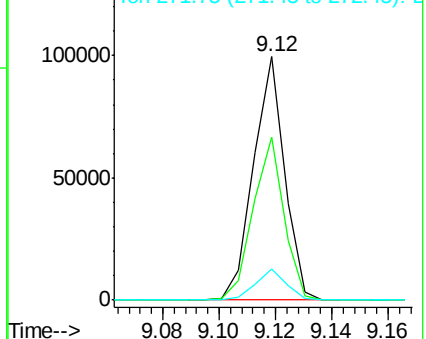
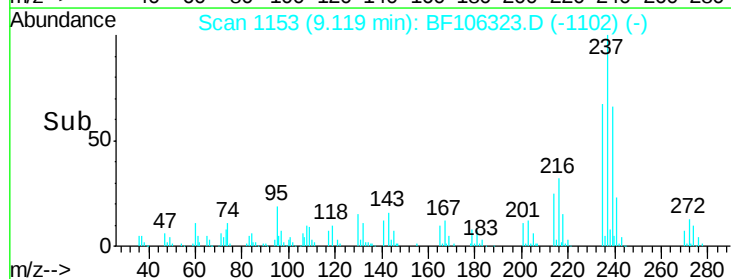
272 13.0 0.0 33.3

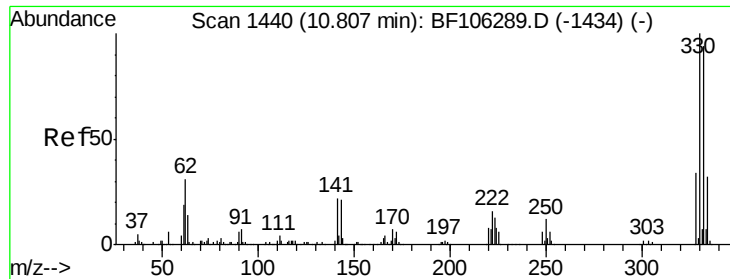


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 85.011 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

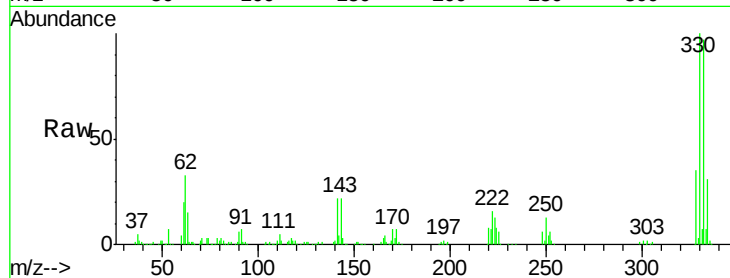
Tot Ion:330 Resp: 307801

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

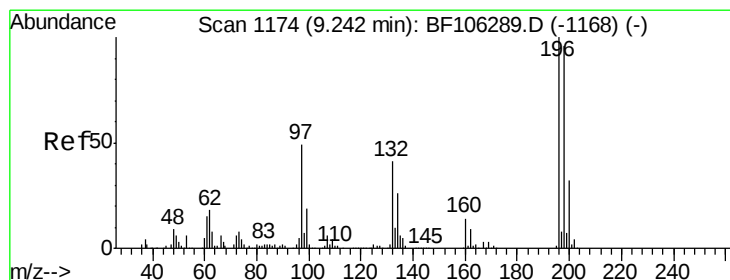
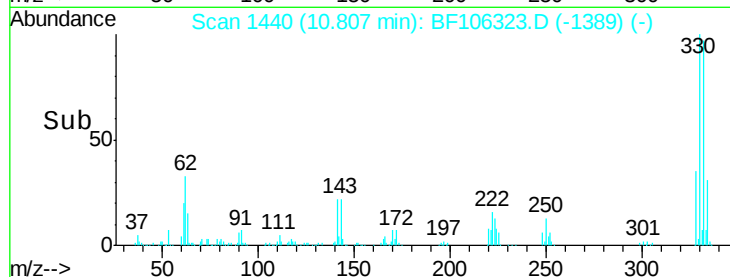
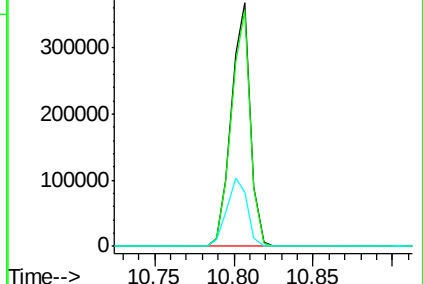
141 29.8 29.9 44.9#



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: 44.699 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

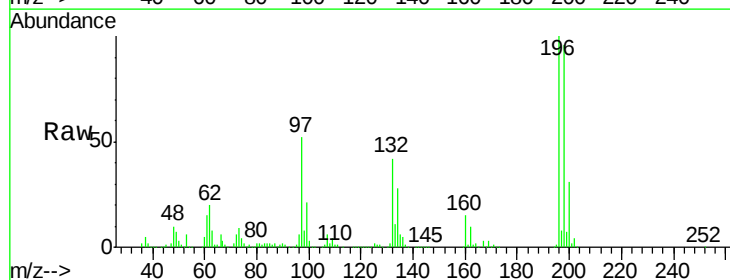
Tgt Ion:196 Resp: 347977

Ion Ratio Lower Upper

196 100

198 96.5 75.7 113.5

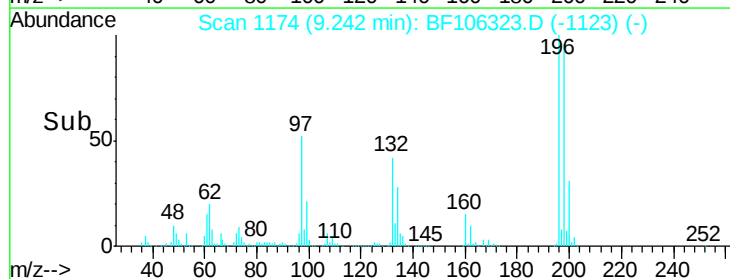
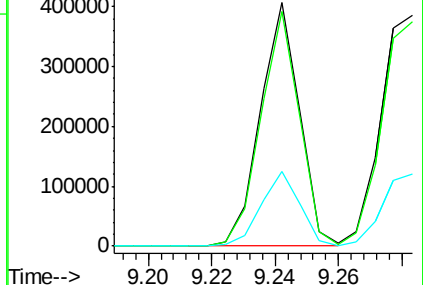
200 30.8 24.5 36.7

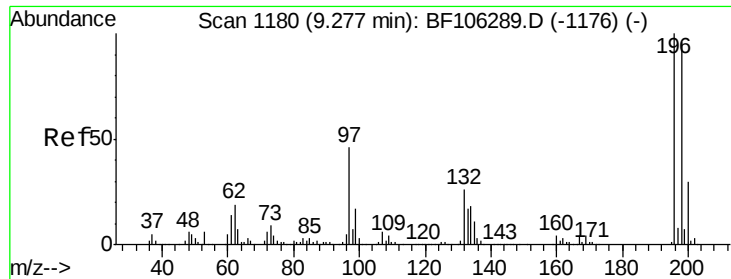


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

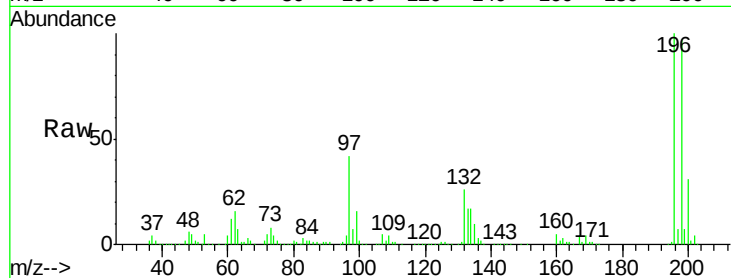




#43
 2,4,5-Trichlorophenol
 Concen: 43.097 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	74.6	112.0
97	42.1	42.9	64.3
132	26.2	26.3	39.5



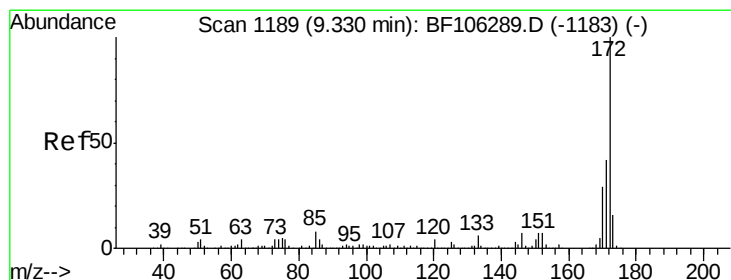
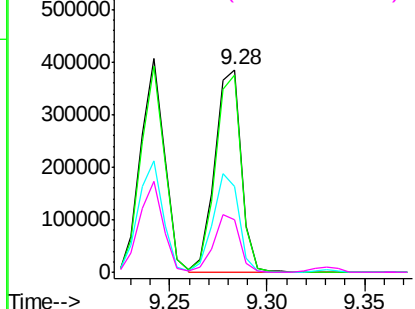
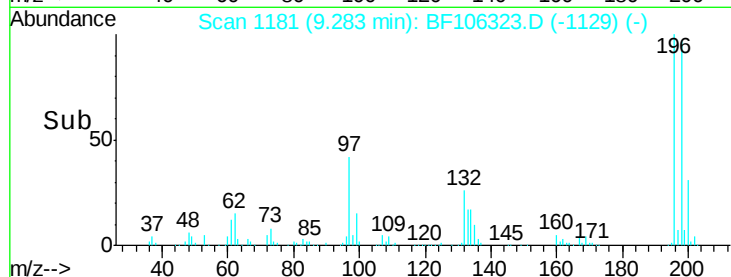
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

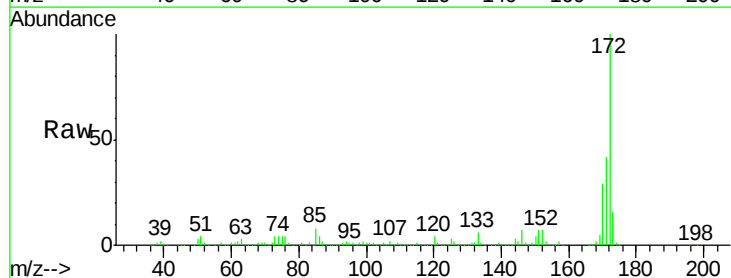
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.198 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.8	29.7	44.5
170	29.0	19.6	29.4

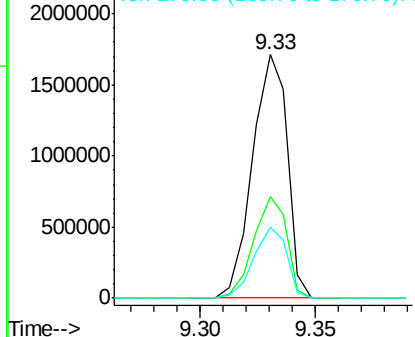
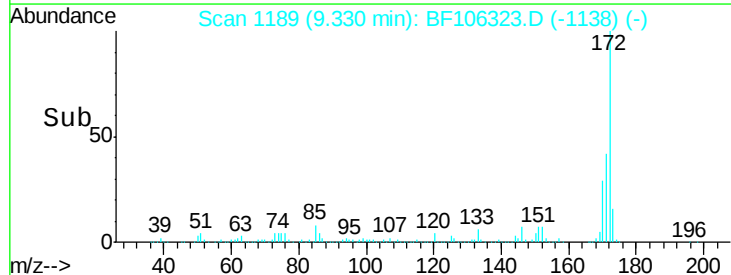


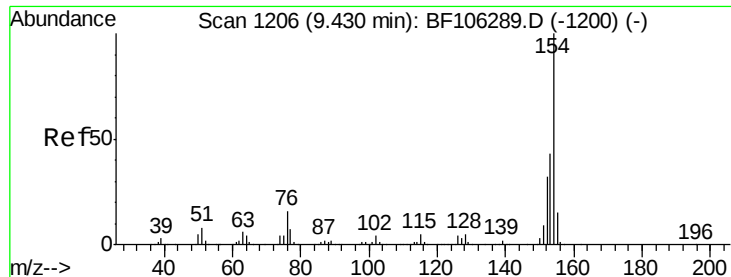
Abundance

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

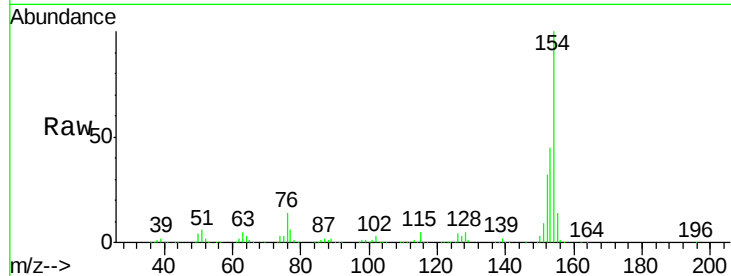




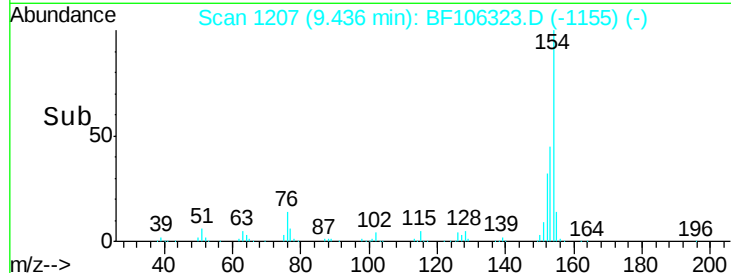
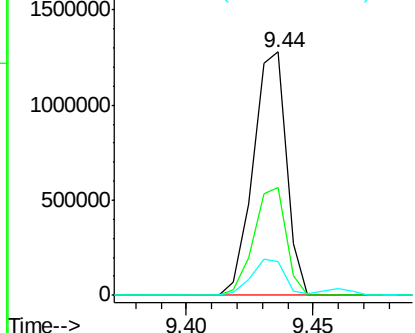
#45
 1,1'-Biphenyl
 Concen: 40.254 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1173292
 Ion Ratio Lower Upper
 154 100
 153 44.5 21.3 61.3
 76 13.9 0.0 34.0

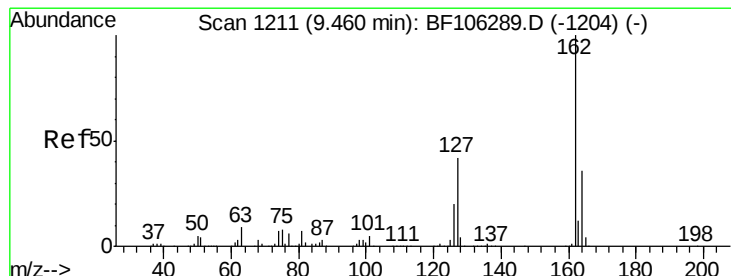


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

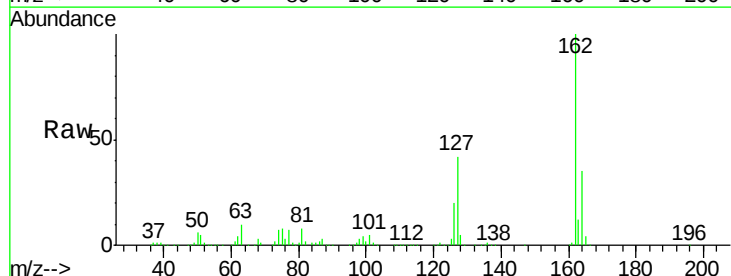
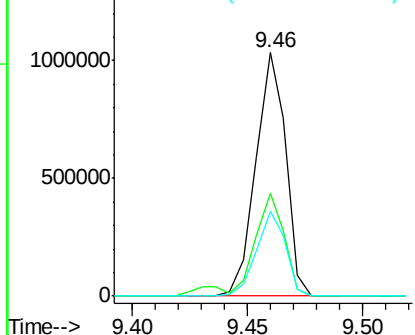


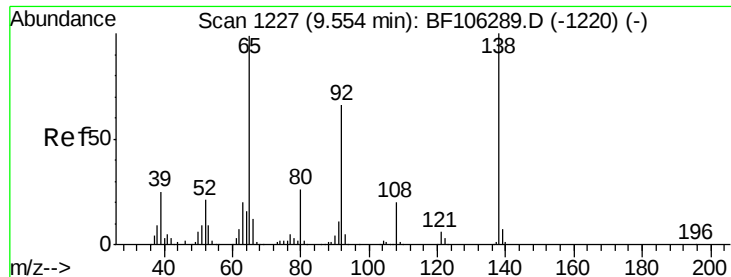
#46
 2-Chloronaphthalene
 Concen: 39.969 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

Tgt Ion:162 Resp: 932289
 Ion Ratio Lower Upper
 162 100
 127 42.5 33.9 50.9
 164 34.9 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

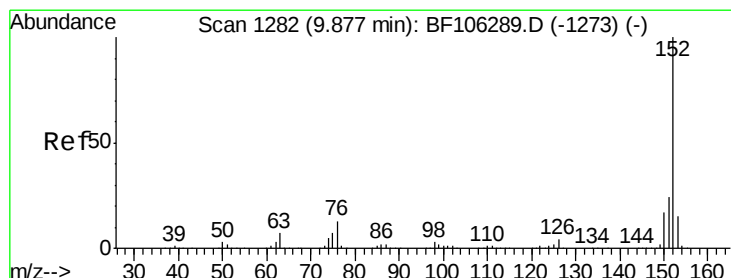
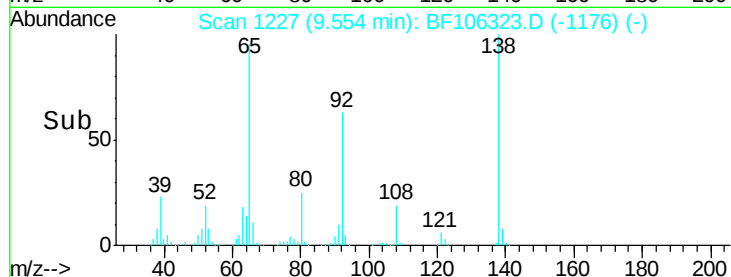
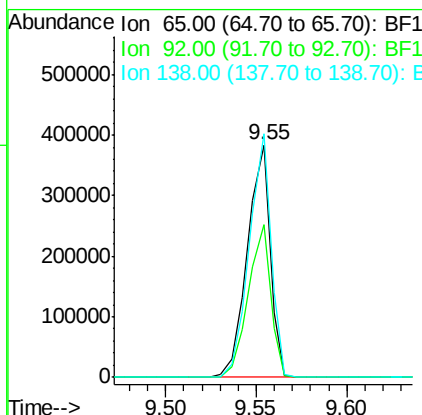
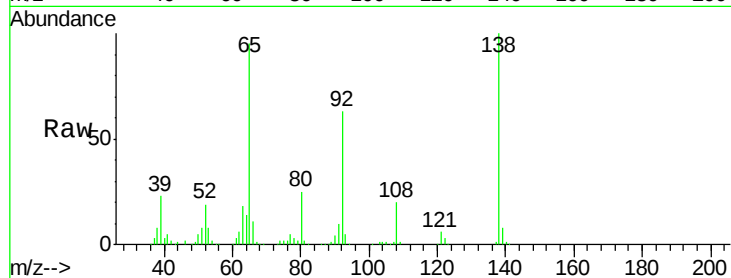




#47
2-Nitroaniline
Concen: 45.836 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

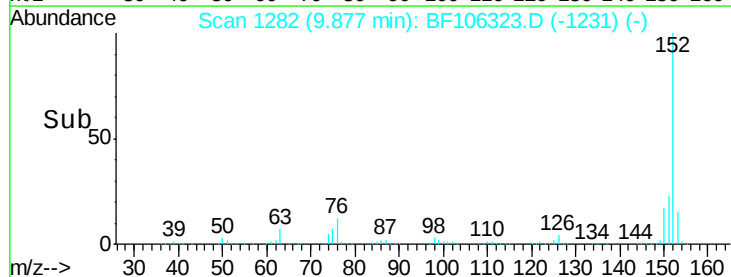
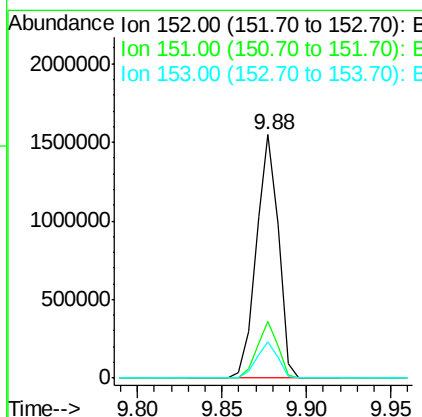
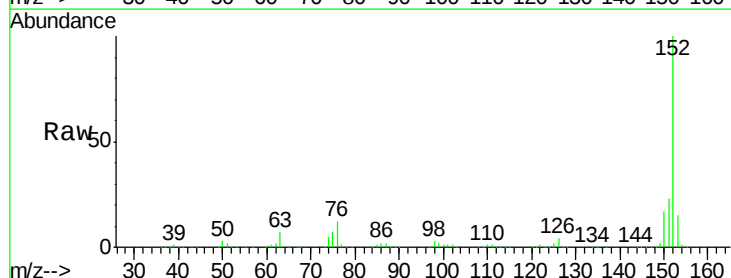
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

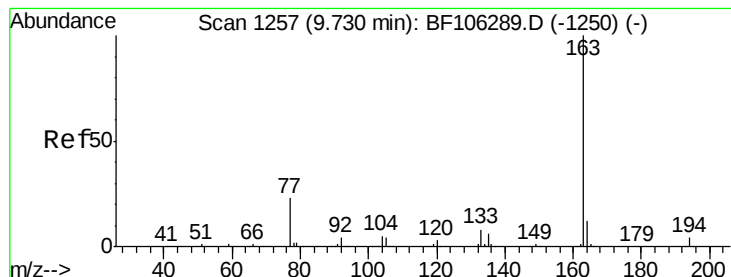
Tot Ion: 65 Resp: 336329
Ion Ratio Lower Upper
65 100
92 65.8 55.8 83.6
138 104.7 91.2 136.8



#48
Acenaphthylene
Concen: 39.515 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion: 152 Resp: 1410786
Ion Ratio Lower Upper
152 100
151 23.1 16.3 24.5
153 15.1 10.7 16.1





#49

Dimethylphthalate

Concen: 42.717 ng

RT: 9.73 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

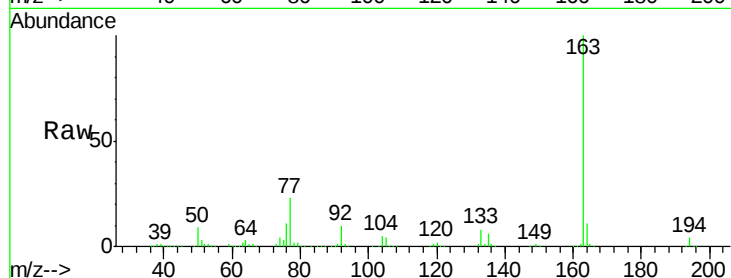
Tot Ion:163 Resp: 1148442

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

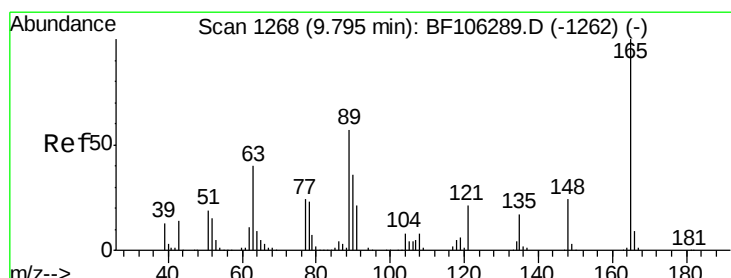
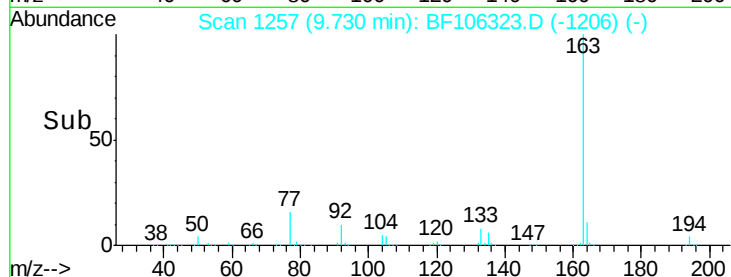
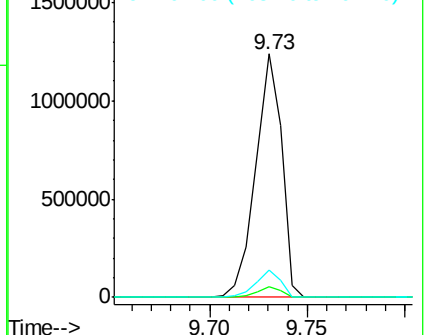
164 11.2 8.2 12.2



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: 43.657 ng

RT: 9.80 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

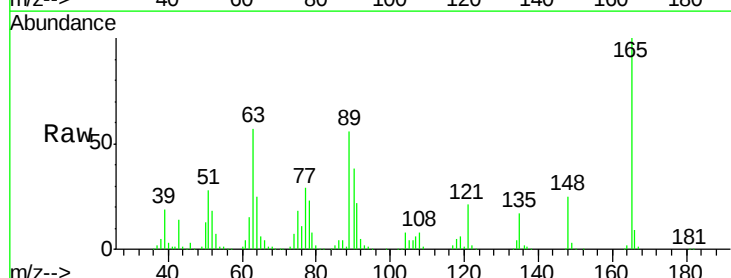
Tgt Ion:165 Resp: 239750

Ion Ratio Lower Upper

165 100

63 56.9 44.7 67.1

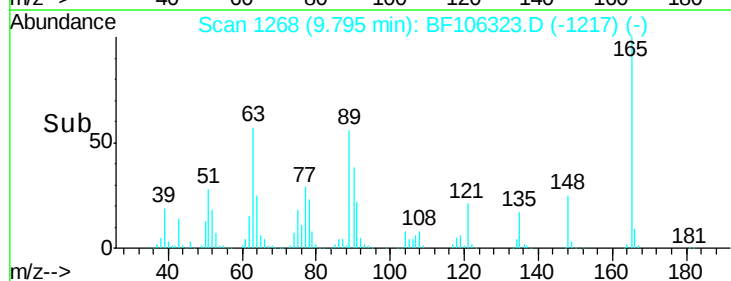
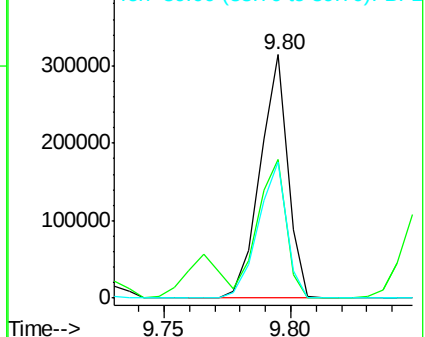
89 55.7 44.0 66.0

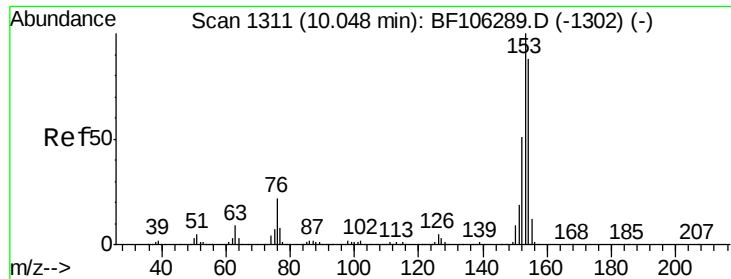


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

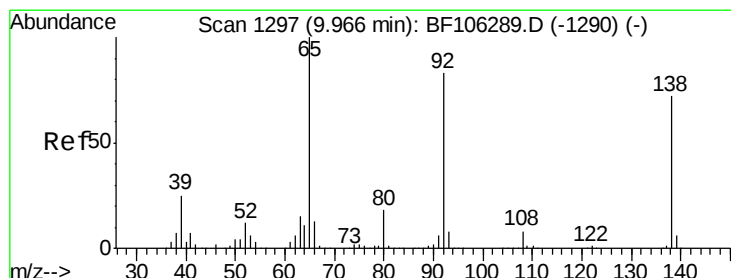
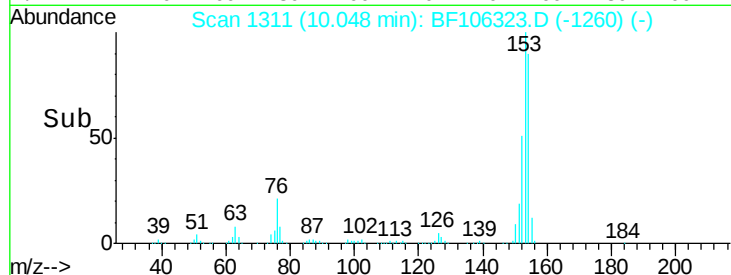
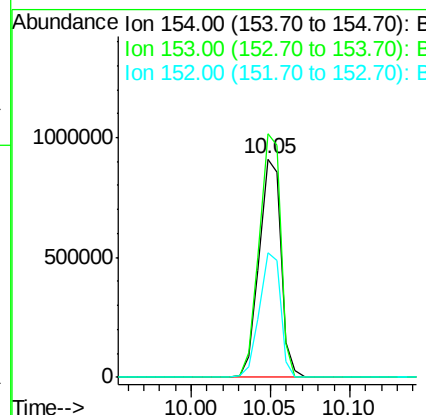
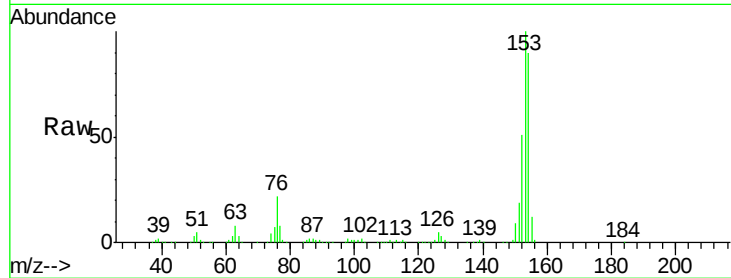




#51
Acenaphthene
Concen: 38.103 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

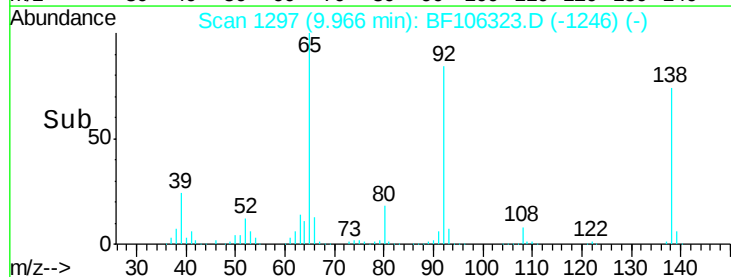
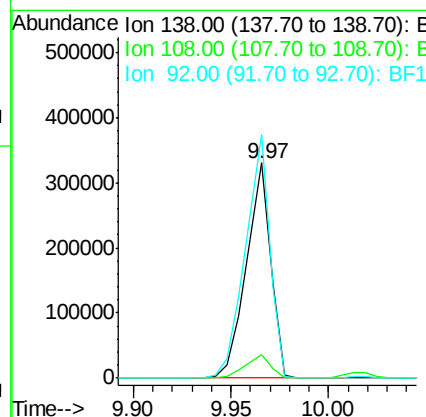
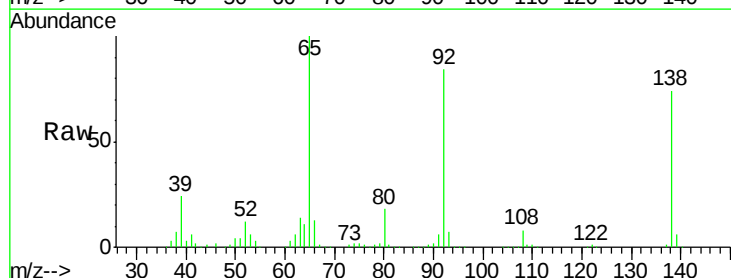
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

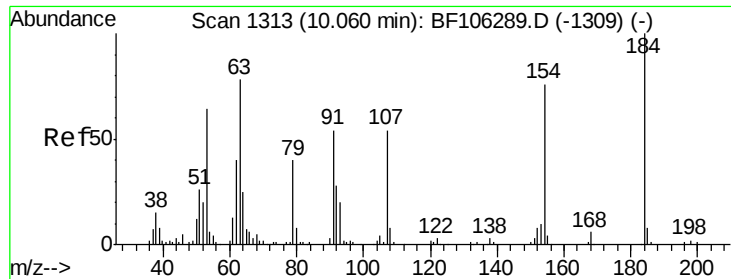
Tot Ion:154 Resp: 878539
Ion Ratio Lower Upper
154 100
153 111.7 91.2 136.8
152 57.0 43.8 65.8



#52
3-Nitroaniline
Concen: 44.025 ng
RT: 9.97 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion:138 Resp: 286960
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 113.2 89.4 134.2

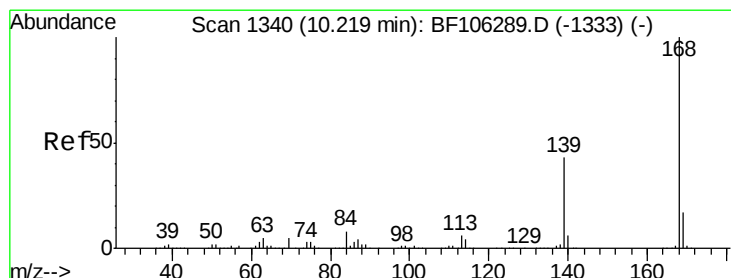
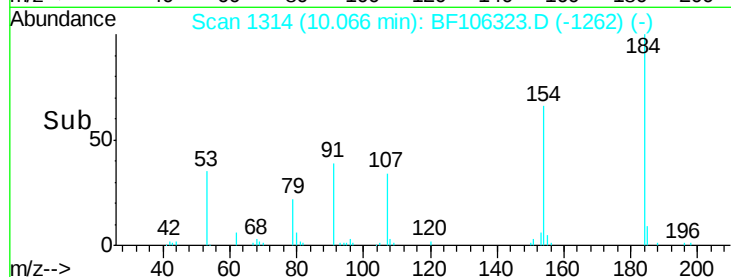
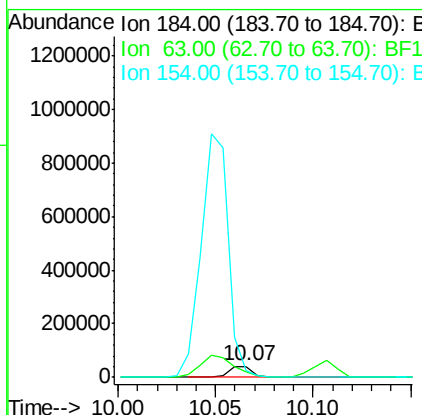
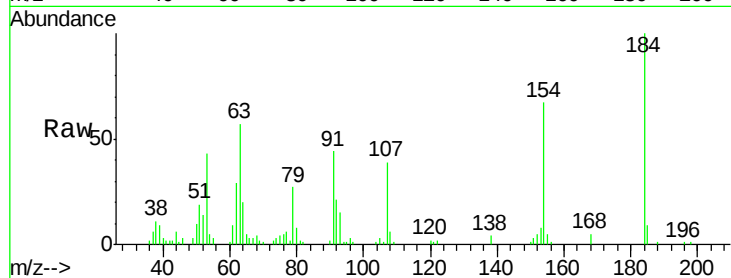




#53
2,4-Dinitrophenol
Concen: 21.433 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

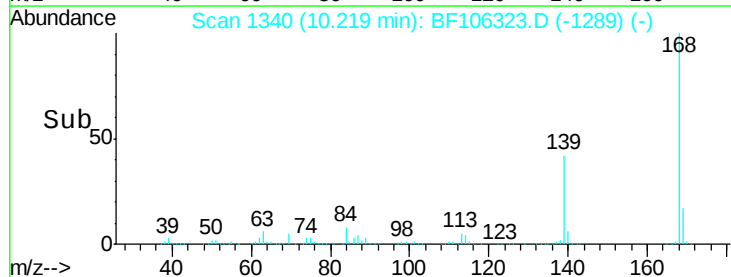
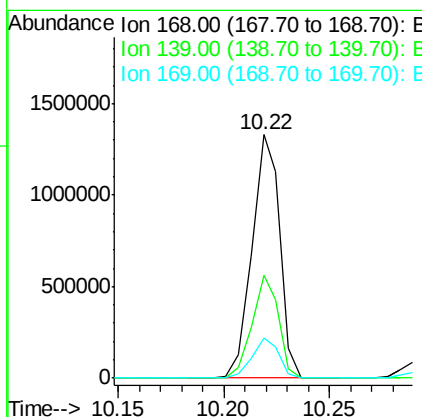
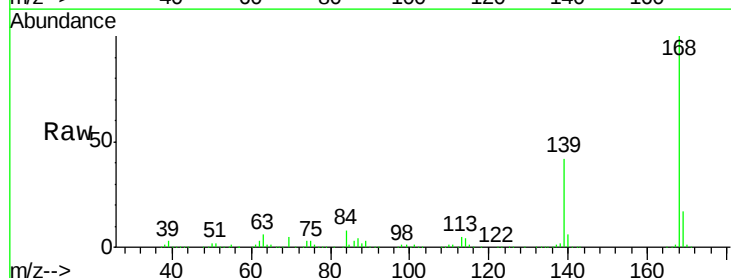
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

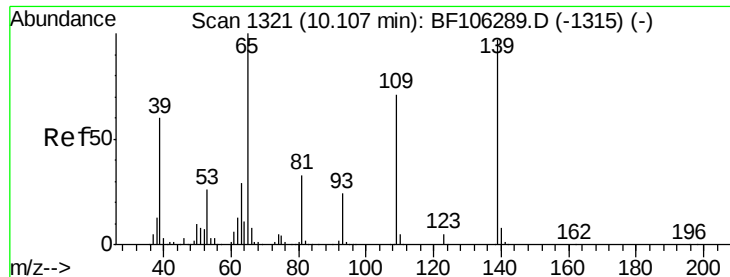
Tot Ion:184 Resp: 36223
Ion Ratio Lower Upper
184 100
63 56.8 54.2 81.2
154 66.8 184.0 276.0#



#54
Dibenzofuran
Concen: 39.028 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion:168 Resp: 1211734
Ion Ratio Lower Upper
168 100
139 42.4 30.1 45.1
169 16.6 10.9 16.3#

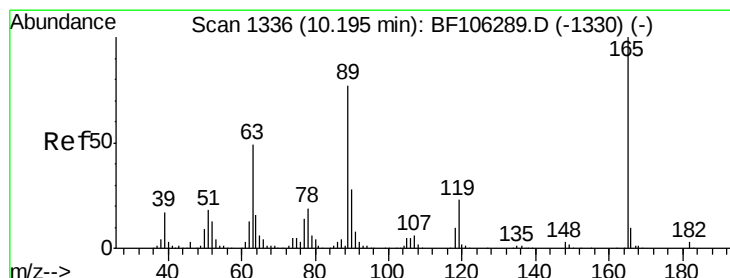
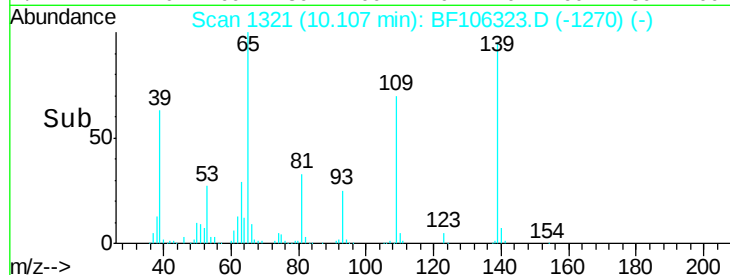
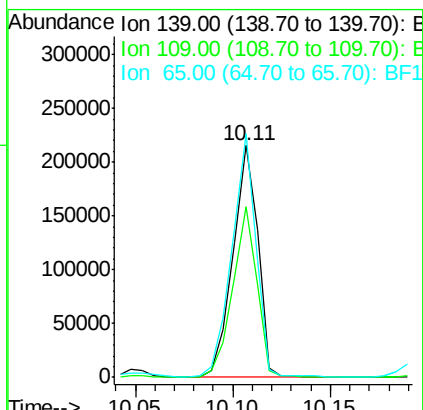
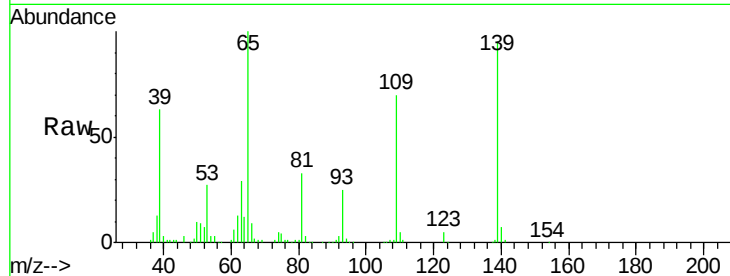




#55
4-Nitrophenol
Concen: 38.353 ng
RT: 10.11 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

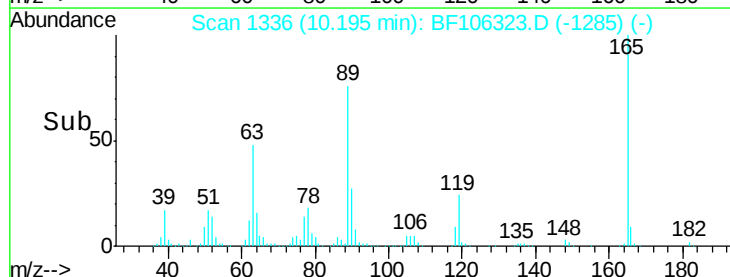
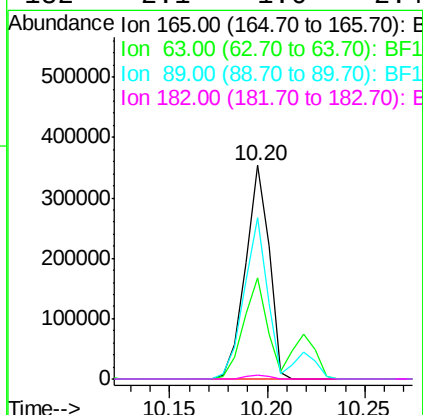
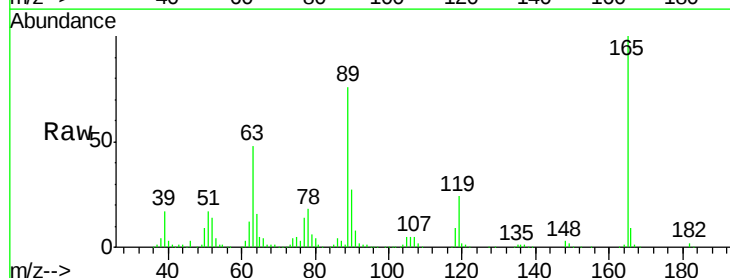
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

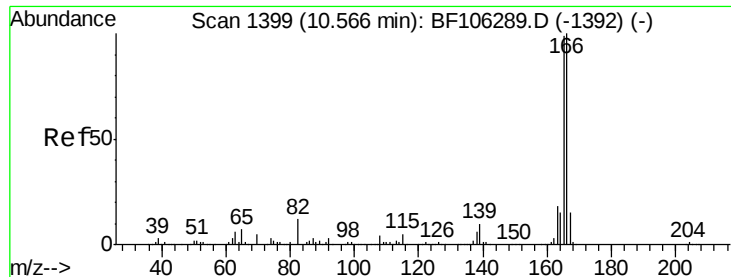
Tot Ion	Ratio	Lower	Upper
139	100		
109	73.8	48.4	88.4
65	105.1	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 43.149 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.6	36.4	54.6
89	75.6	57.8	86.6
182	2.1	1.6	2.4





#57

Fluorene

Concen: 37.243 ng

RT: 10.57 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

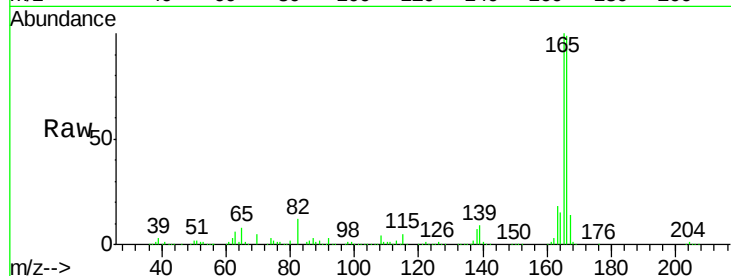
Tot Ion:166 Resp: 916156

Ion Ratio Lower Upper

166 100

165 100.8 79.8 119.8

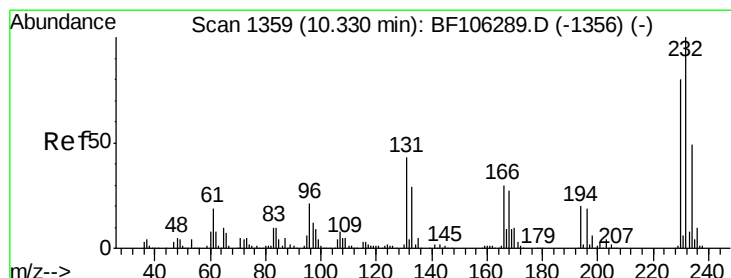
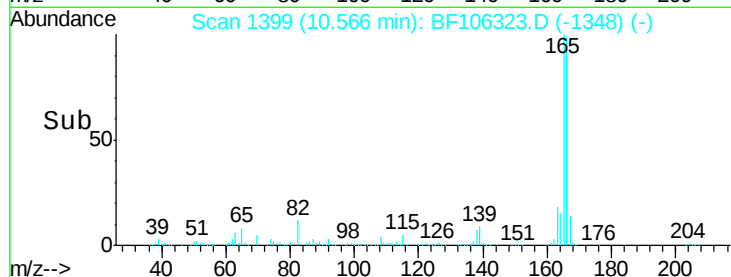
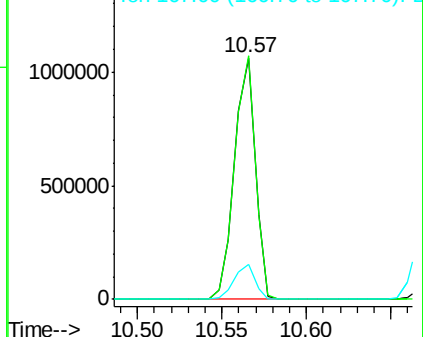
167 14.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.069 ng

RT: 10.33 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Tgt Ion:232 Resp: 279833

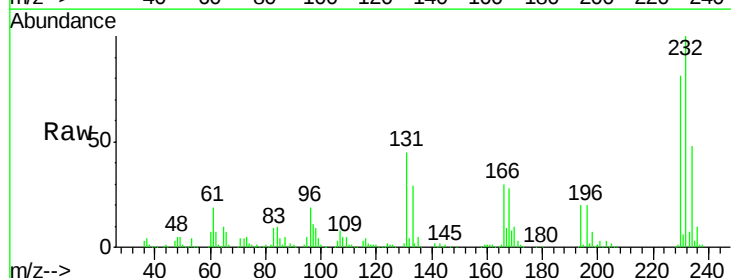
Ion Ratio Lower Upper

232 100

131 41.7 43.8 65.8#

130 1.9 2.1 3.1#

166 28.0 27.8 41.6

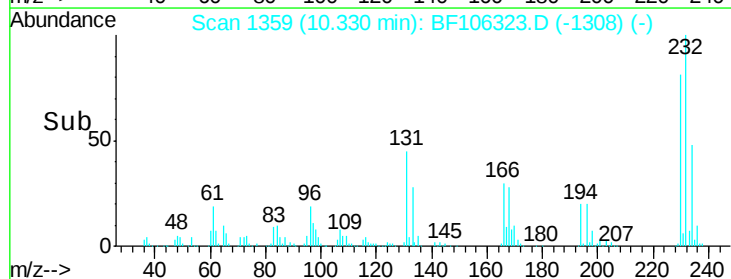
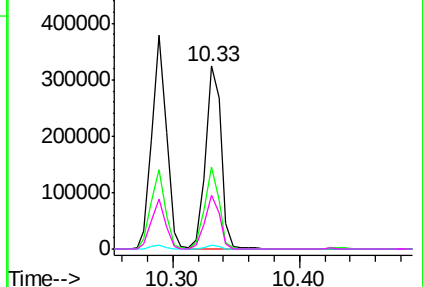


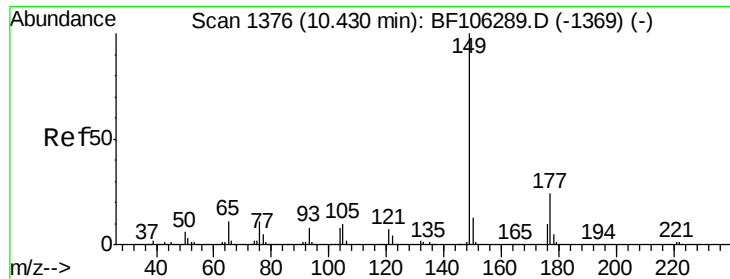
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

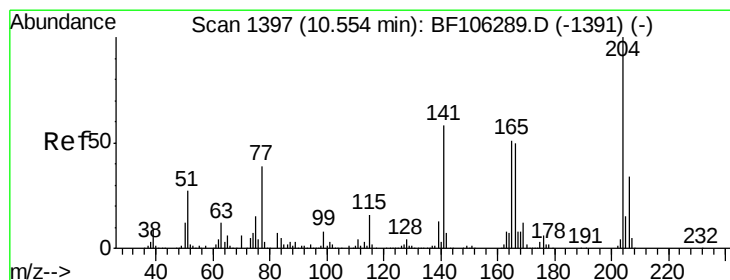
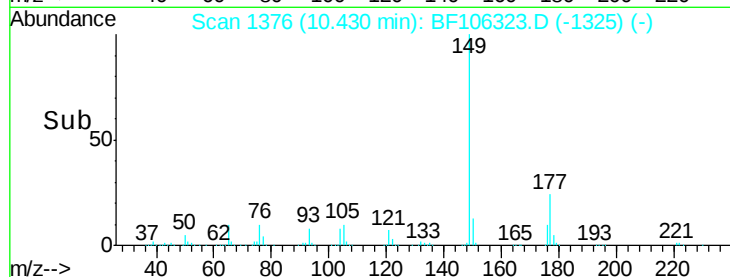
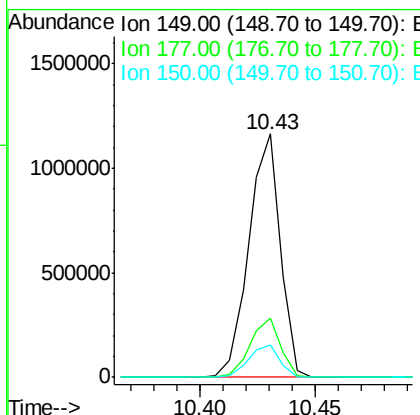
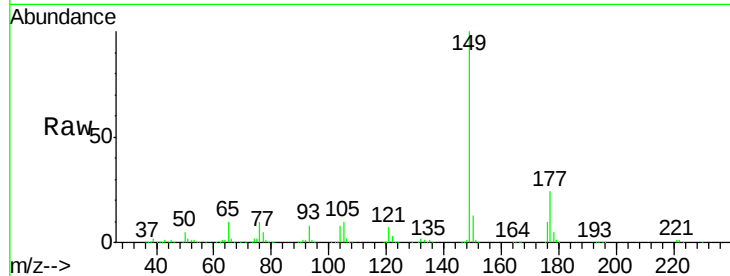




#59
Diethylphthalate
Concen: 41.585 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

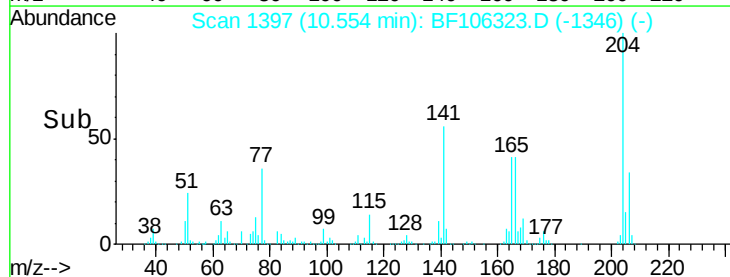
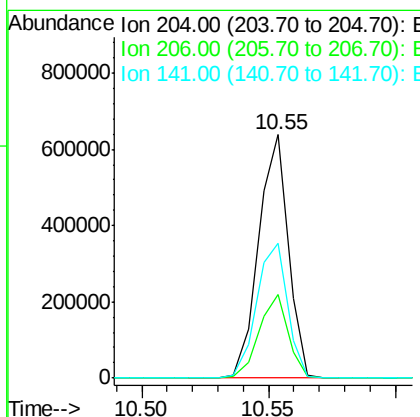
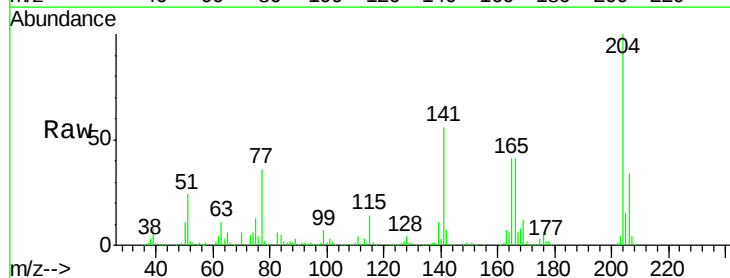
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

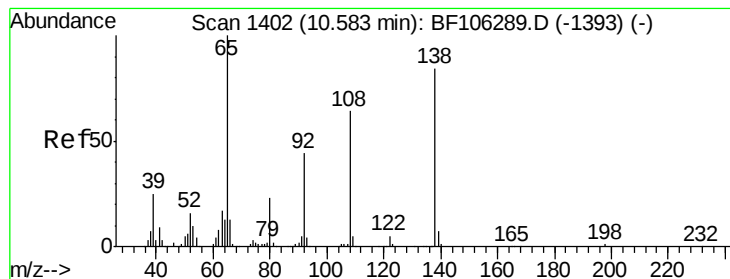
Tot Ion:149 Resp: 1109694
Ion Ratio Lower Upper
149 100
177 24.5 16.1 24.1#
150 13.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.526 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion:204 Resp: 524338
Ion Ratio Lower Upper
204 100
206 34.1 26.5 39.7
141 55.6 54.6 81.8





#61

4-Nitroaniline

Concen: 39.811 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

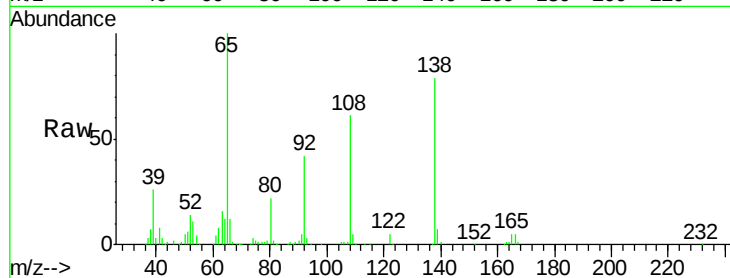
Tot Ion:138 Resp: 252467

Ion Ratio Lower Upper

138 100

92 52.4 30.2 70.2

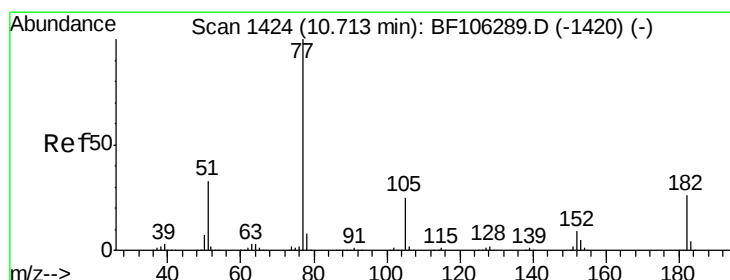
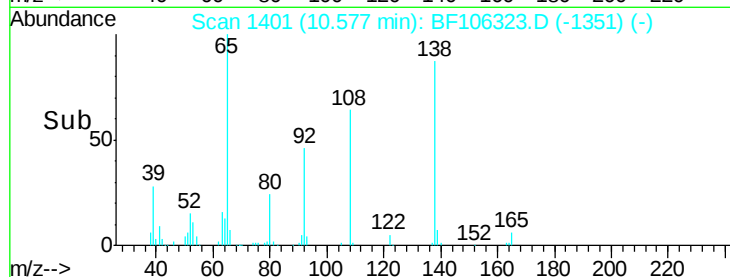
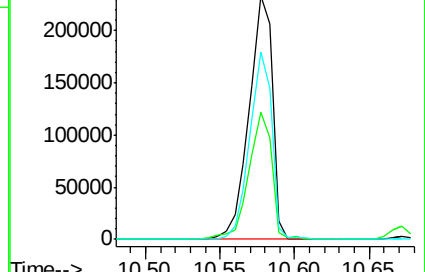
108 77.0 52.5 92.5



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: 37.049 ng

RT: 10.71 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Tgt Ion: 77 Resp: 1030882

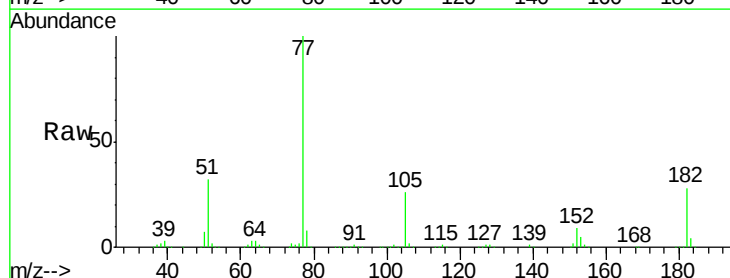
Ion Ratio Lower Upper

77 100

182 28.1 1.7 41.7

105 25.7 3.0 43.0

51 31.7 9.9 49.9

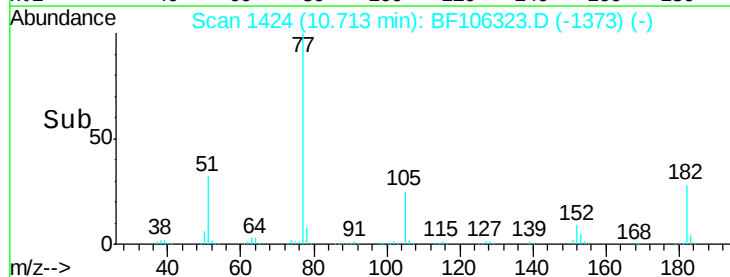
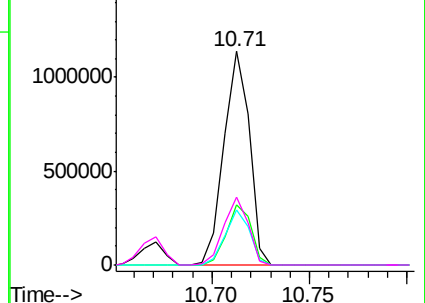


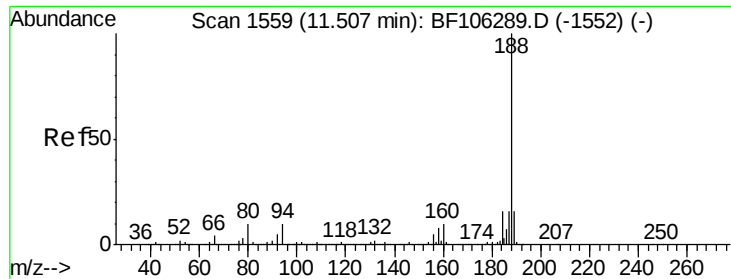
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

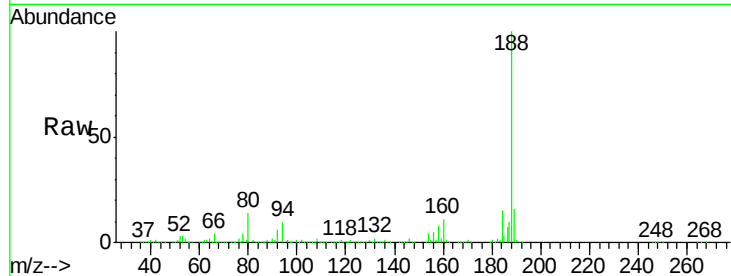
Tot Ion:188 Resp: 611784

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

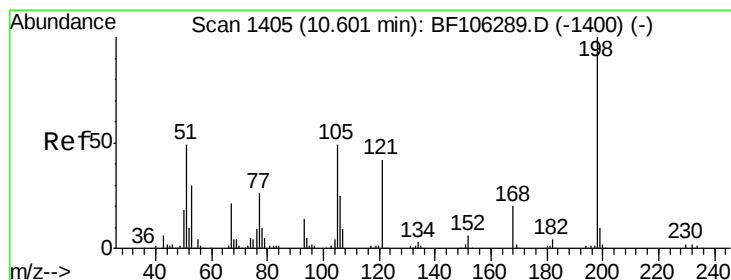
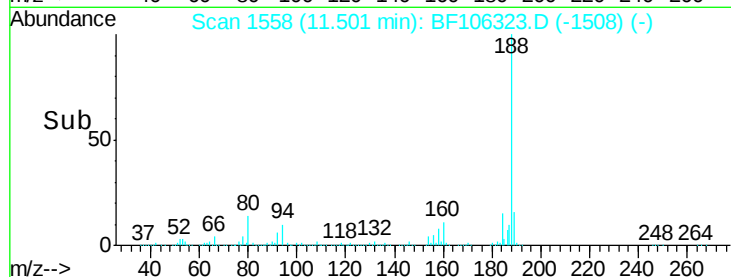
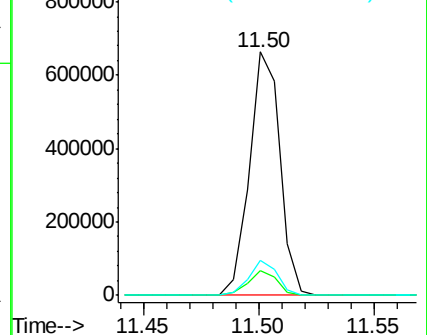
80 14.2 9.2 13.8#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 26.805 ng

RT: 10.60 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

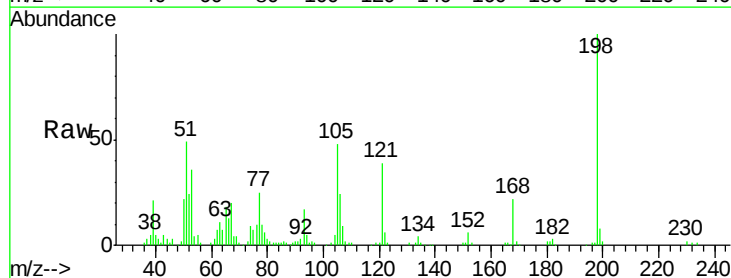
Tgt Ion:198 Resp: 77905

Ion Ratio Lower Upper

198 100

51 49.0 37.7 77.7

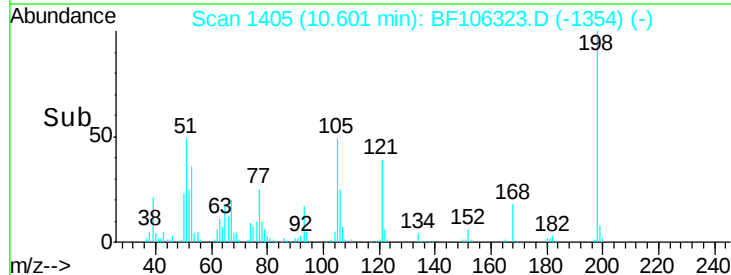
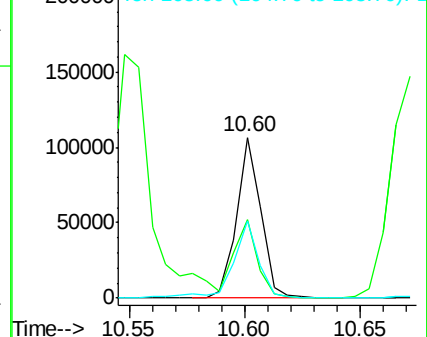
105 48.3 36.3 76.3

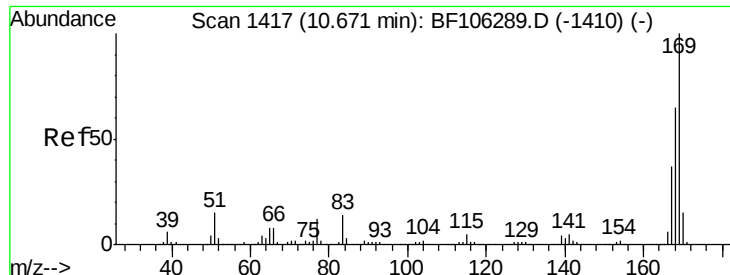


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

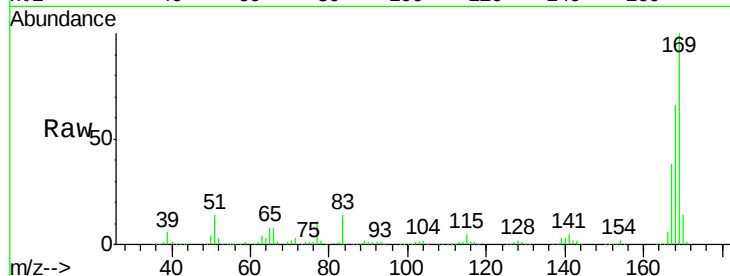




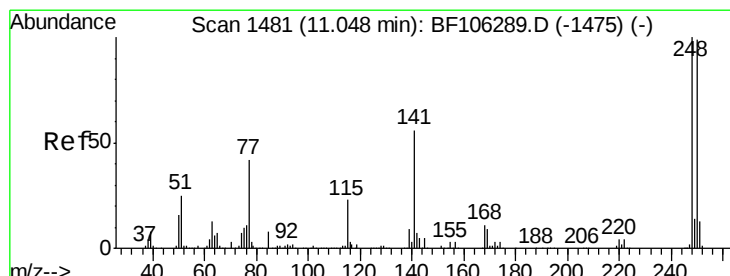
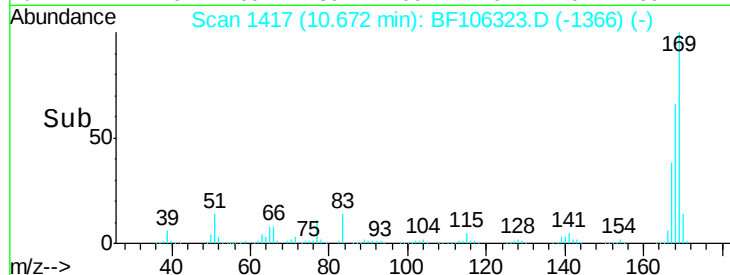
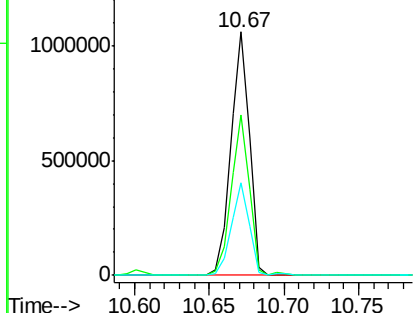
#65
 n-Nitrosodiphenylamine
 Concen: 45.406 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.9	54.4	81.6
167	37.8	29.8	44.6

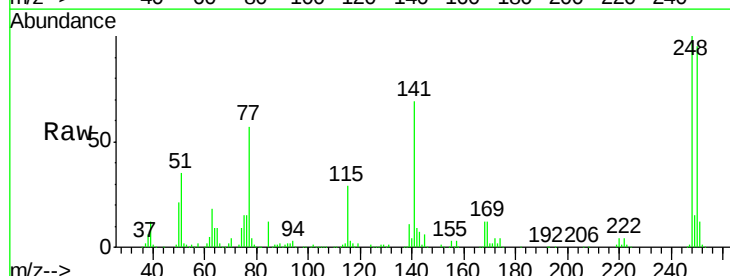


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

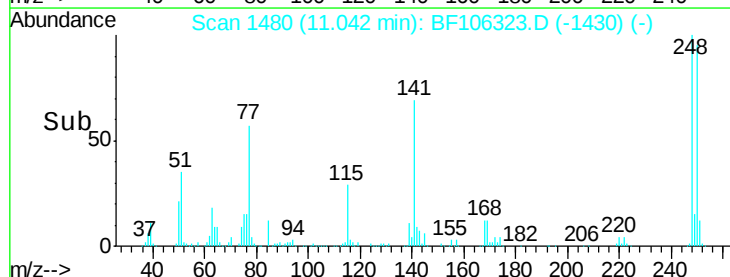
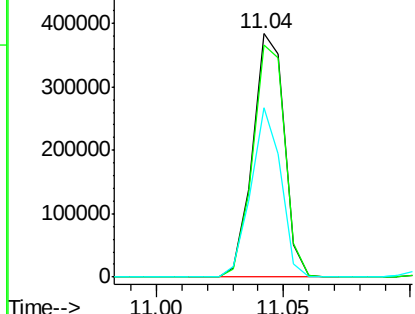


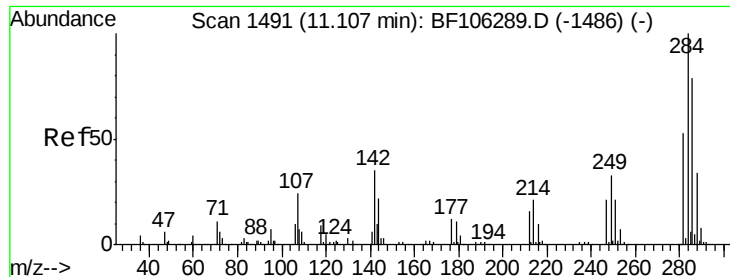
#66
 4-Bromophenyl-phenylether
 Concen: 47.775 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.9	115.3
141	69.5	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

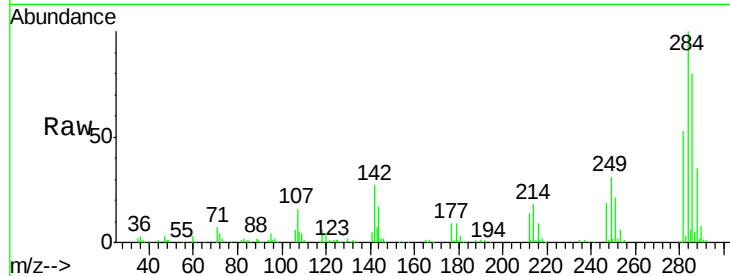




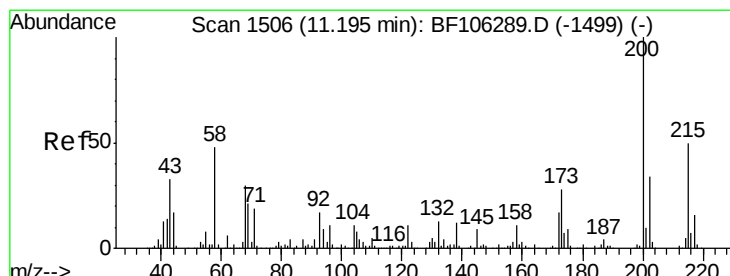
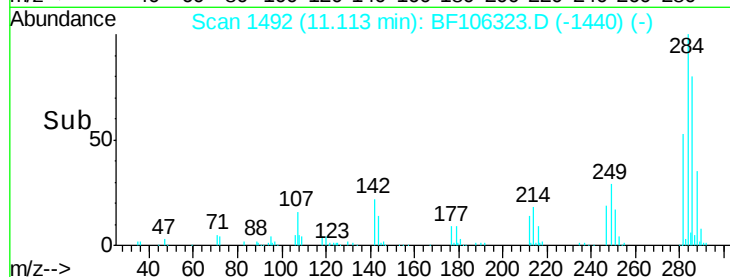
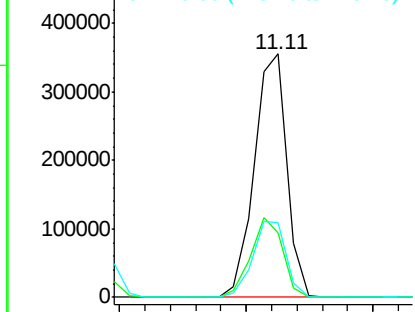
#67
Hexachlorobenzene
Concen: 44.190 ng
RT: 11.11 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 317009
Ion Ratio Lower Upper
284 100
142 26.6 34.6 52.0#
249 30.8 24.8 37.2

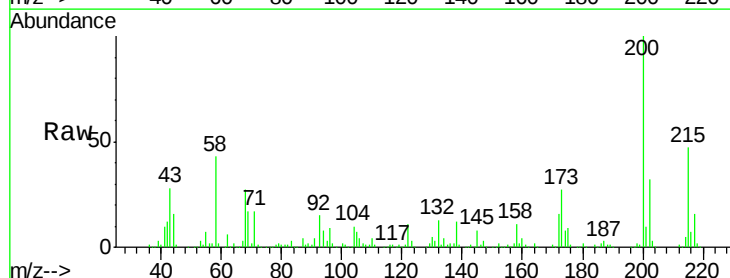


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

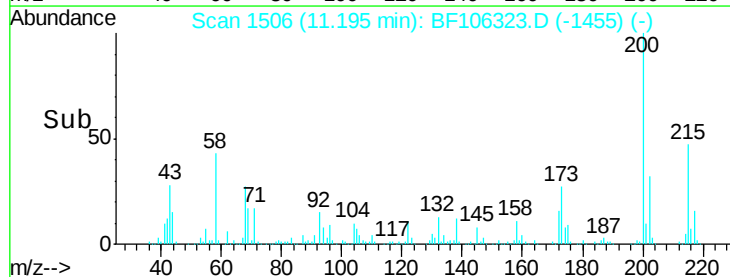
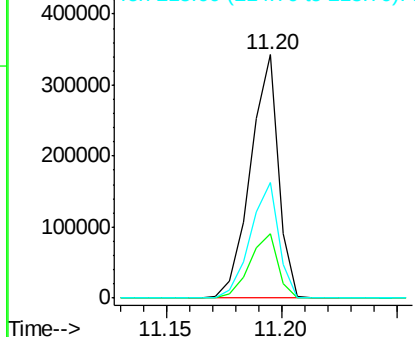


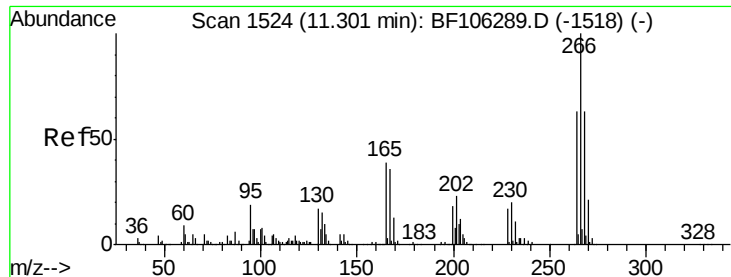
#68
Atrazine
Concen: 45.788 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion:200 Resp: 290131
Ion Ratio Lower Upper
200 100
173 26.6 8.6 48.6
215 47.5 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

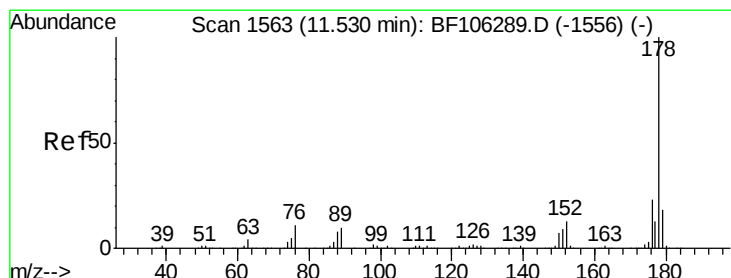
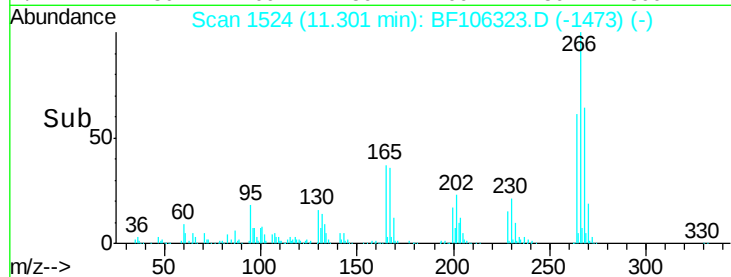
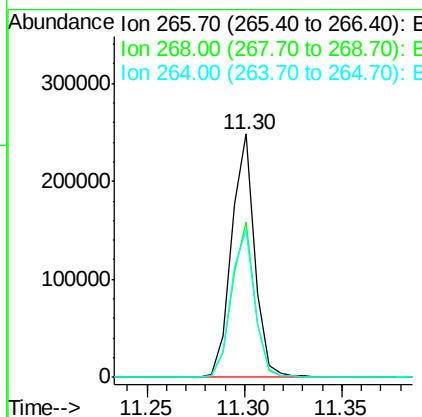
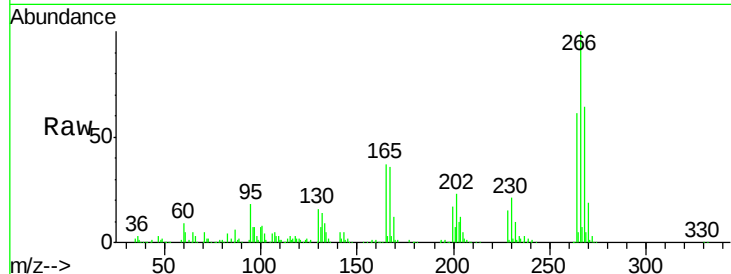




#69
 Pentachlorophenol
 Concen: 46.082 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

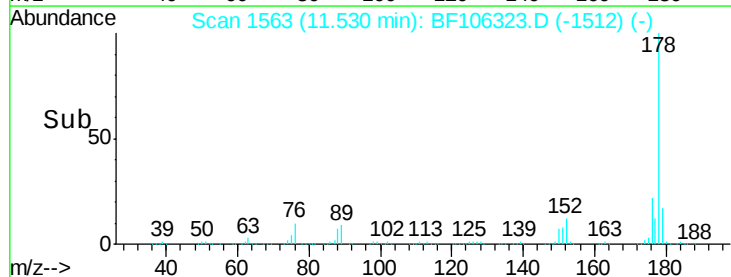
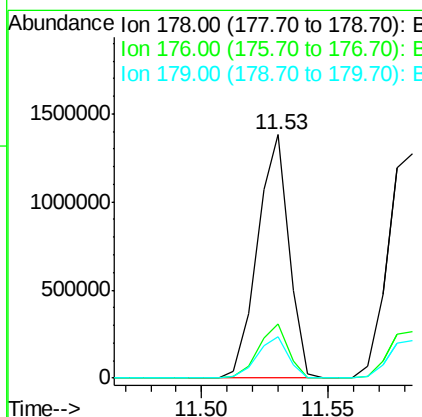
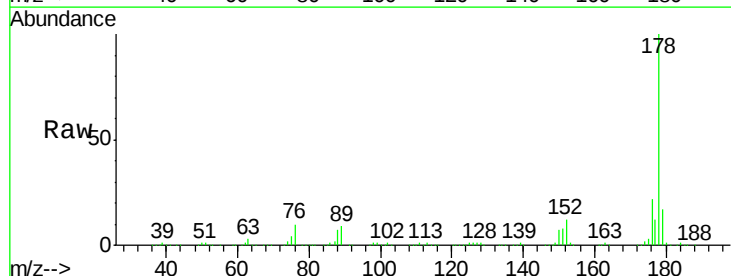
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

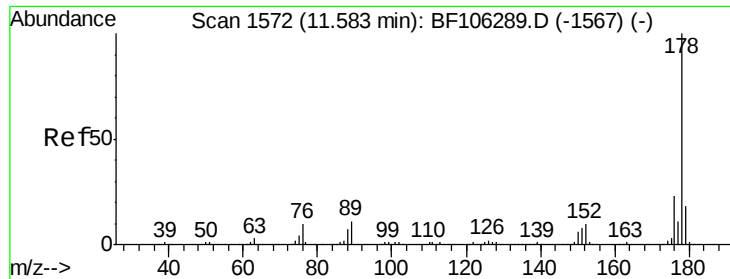
Tot Ion:266 Resp: 203525
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 60.5 49.5 74.3



#70
 Phenanthrene
 Concen: 39.886 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

Tgt Ion:178 Resp: 1195028
 Ion Ratio Lower Upper
 178 100
 176 22.4 15.8 23.8
 179 17.0 13.0 19.6

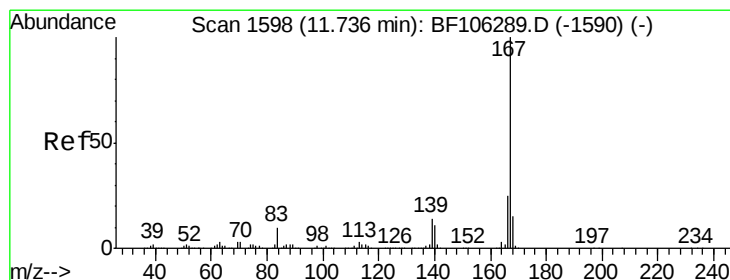
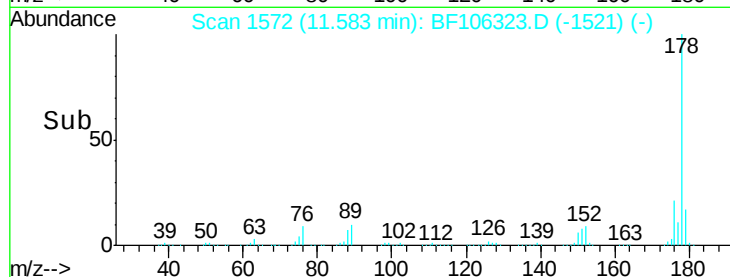
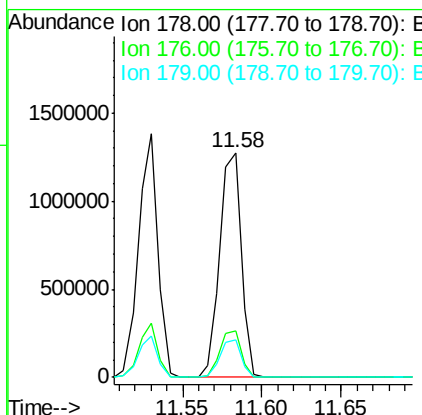
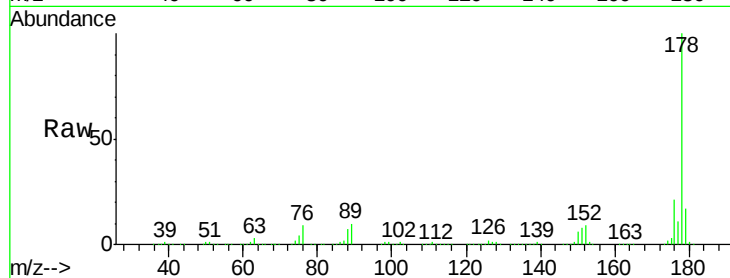




#71
 Anthracene
 Concen: 40.430 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

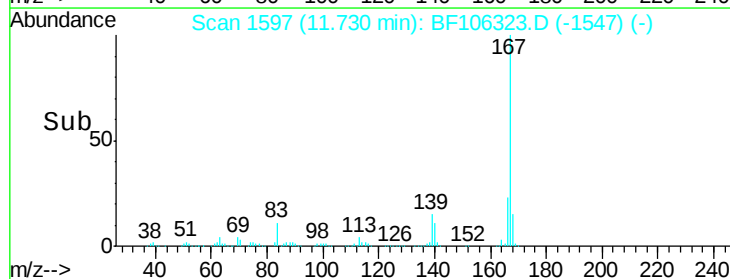
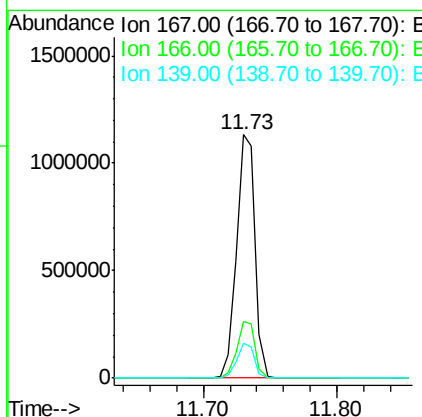
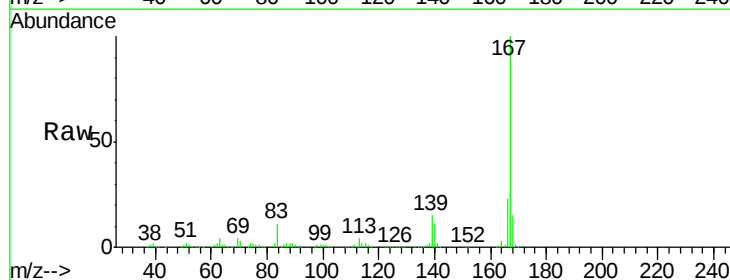
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

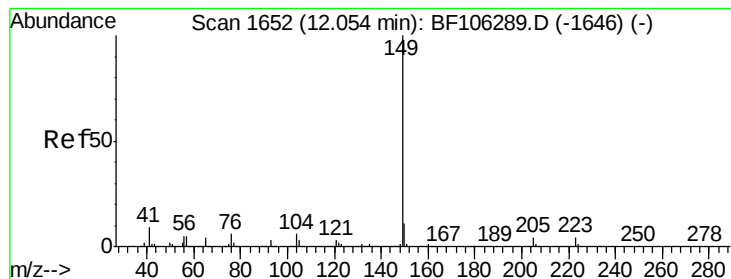
Tot Ion:178 Resp: 1213543
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.4 23.2
 179 16.7 12.6 19.0



#72
 Carbazole
 Concen: 39.389 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

Tgt Ion:167 Resp: 1091495
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.6 26.4
 139 14.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.121 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

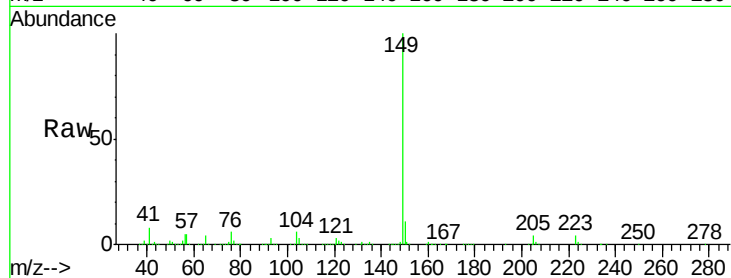
Tot Ion:149 Resp: 1422431

Ion Ratio Lower Upper

149 100

150 11.1 7.8 11.6

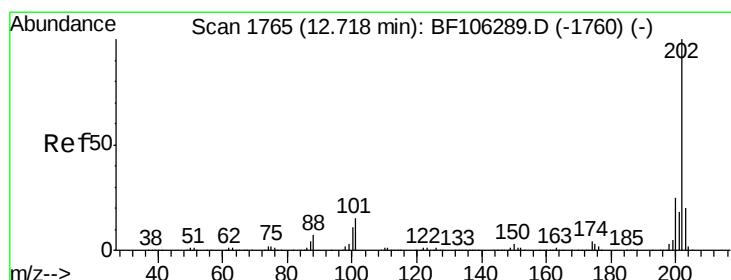
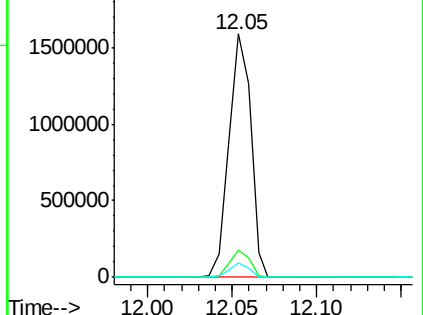
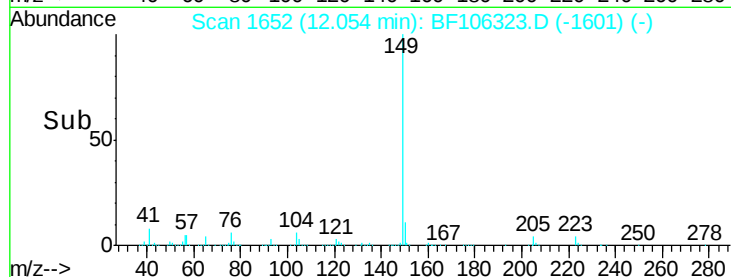
104 6.0 3.8 5.8#



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: 38.040 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

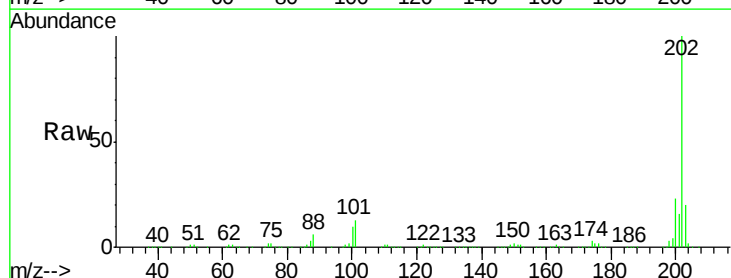
Tgt Ion:202 Resp: 1215450

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

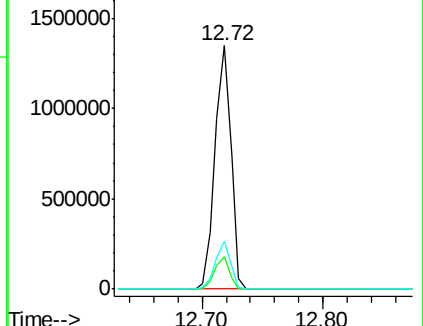
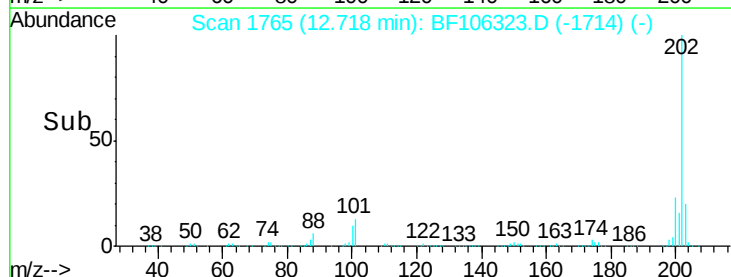
203 19.6 0.0 38.1

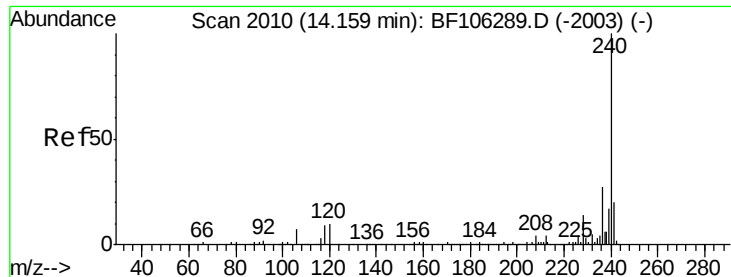


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

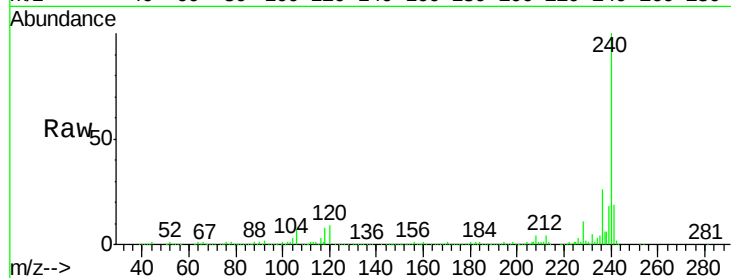
Tot Ion:240 Resp: 537633

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

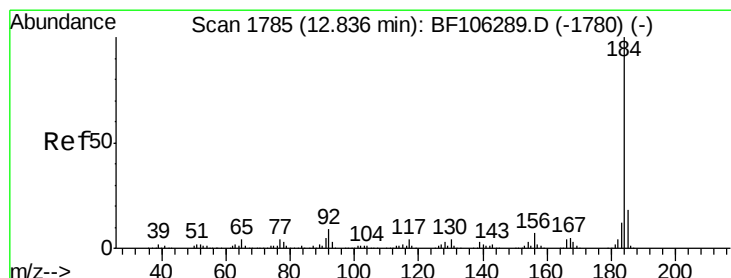
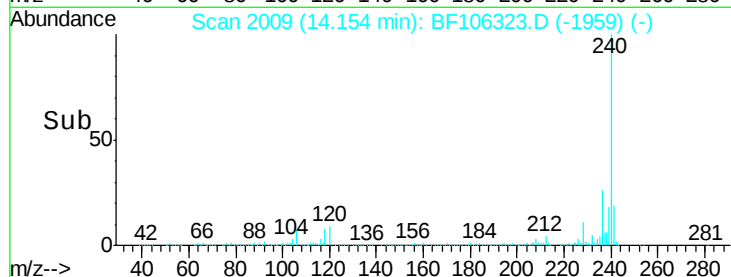
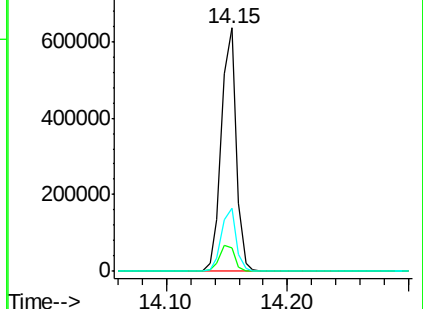
236 26.0 20.7 31.1



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: 38.495 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

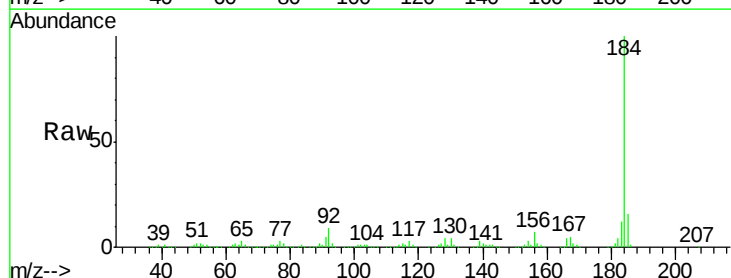
Tgt Ion:184 Resp: 688797

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

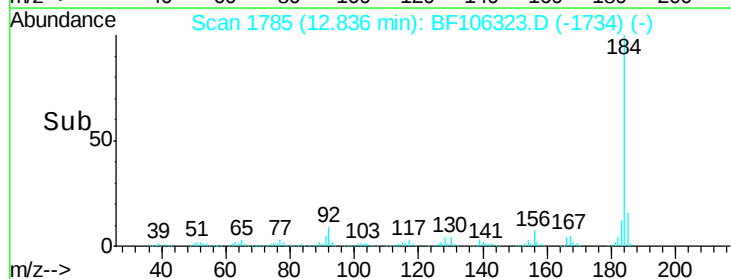
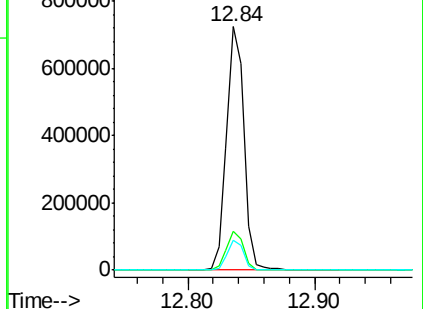
183 12.0 9.3 13.9

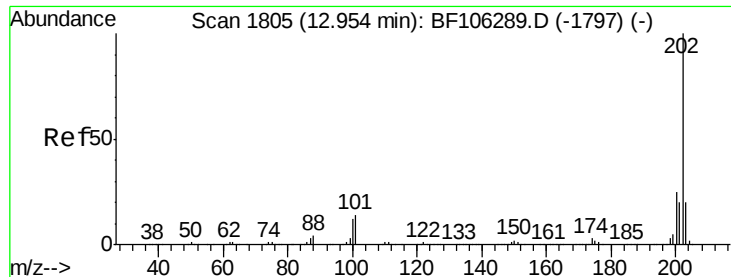


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

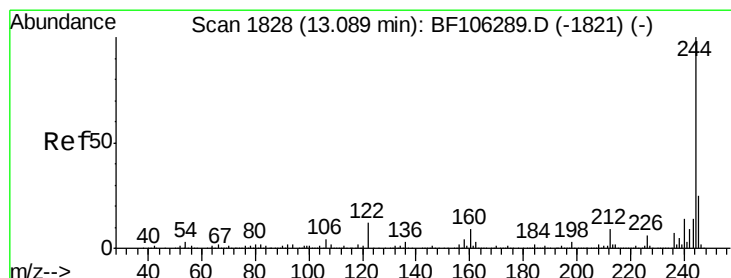
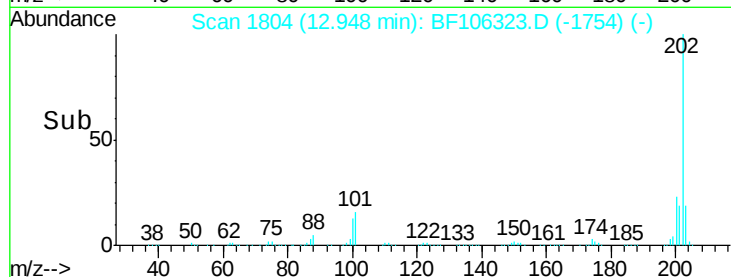
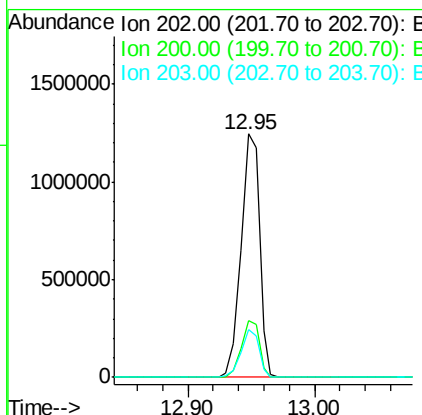
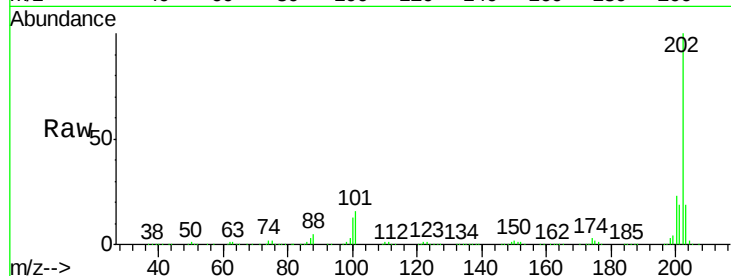




#77
Pvrene
Concen: 36.981 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

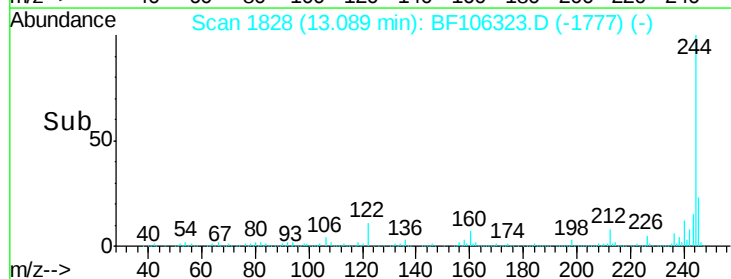
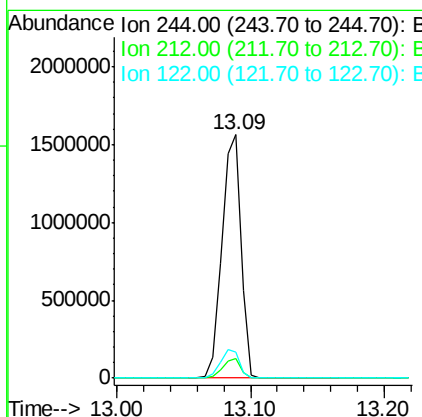
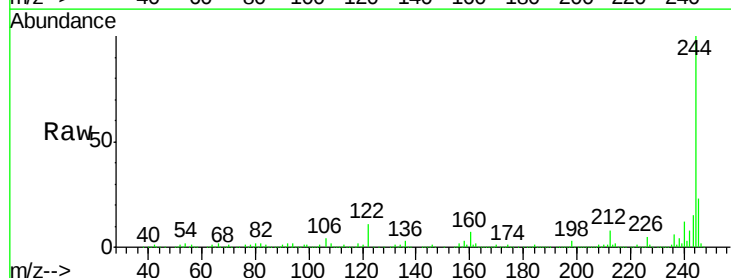
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

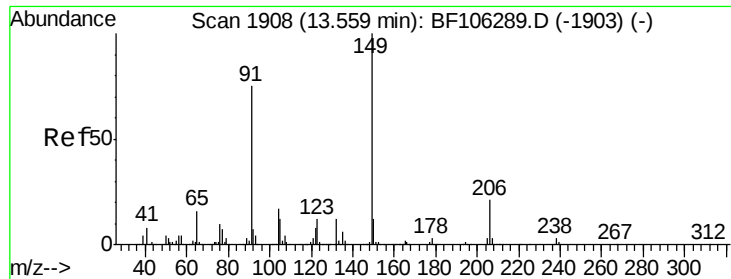
Tot Ion:202 Resp: 1244762
Ion Ratio Lower Upper
202 100
200 23.3 17.4 26.2
203 19.4 14.3 21.5



#78
Terphenyl-d14
Concen: 73.139 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion:244 Resp: 1583143
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.0
122 10.7 11.0 16.4#

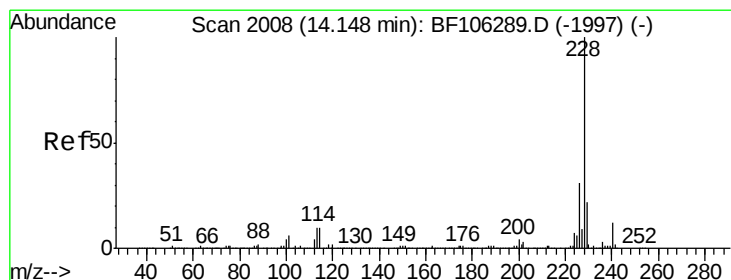
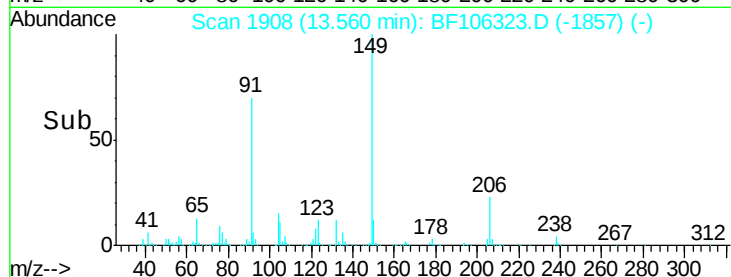
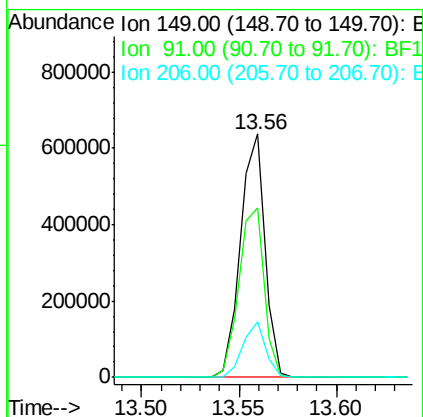
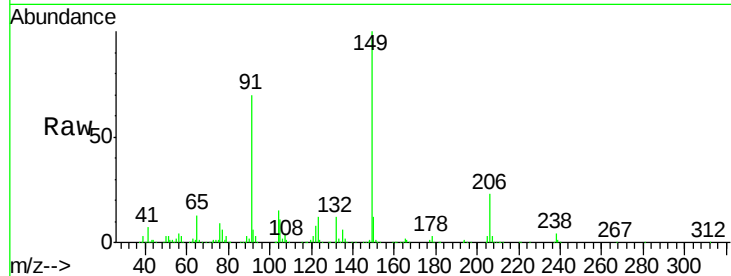




#79
Butylbenzylphthalate
Concen: 44.010 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

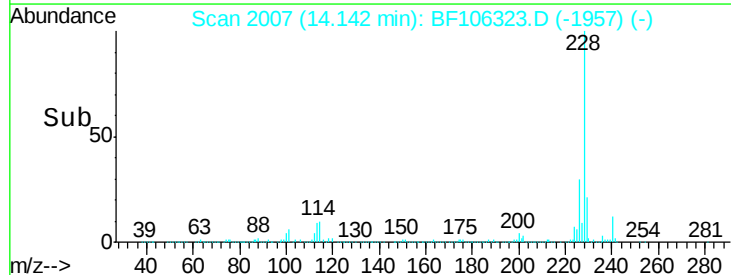
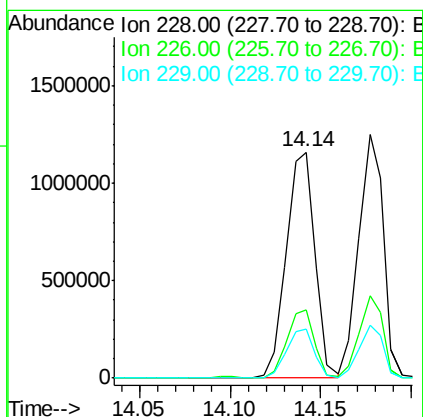
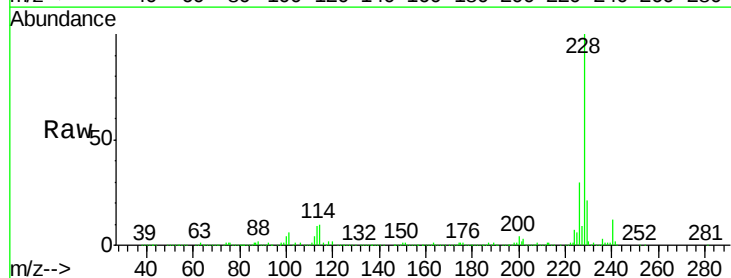
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

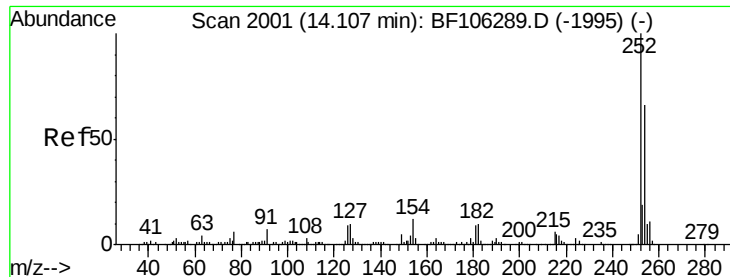
Tot Ion:149 Resp: 554506
Ion Ratio Lower Upper
149 100
91 69.7 56.8 85.2
206 22.7 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 40.196 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion:228 Resp: 1286049
Ion Ratio Lower Upper
228 100
226 30.3 22.6 33.8
229 21.4 15.8 23.6

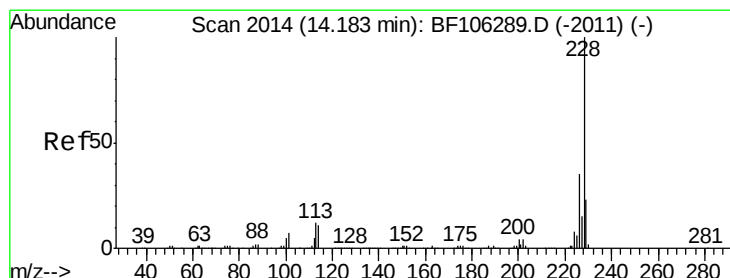
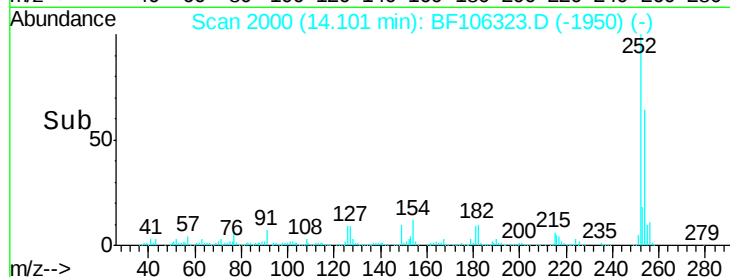
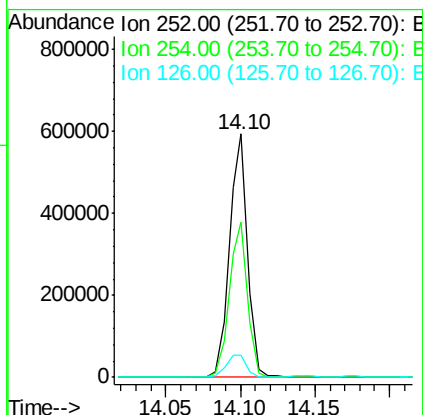
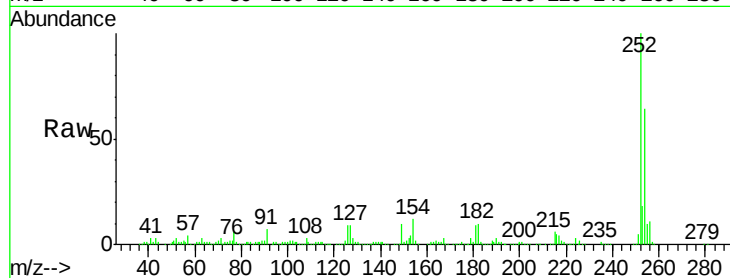




#81
 3,3'-Dichlorobenzidine
 Concen: 47.301 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

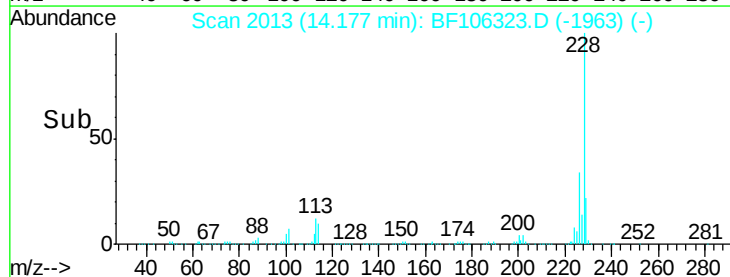
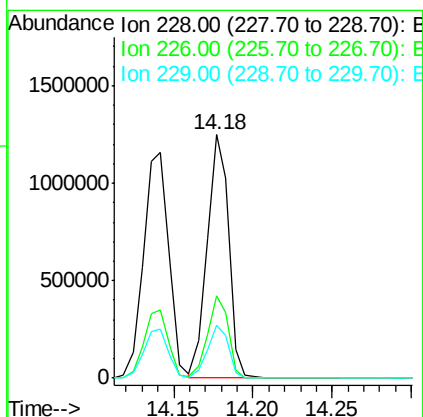
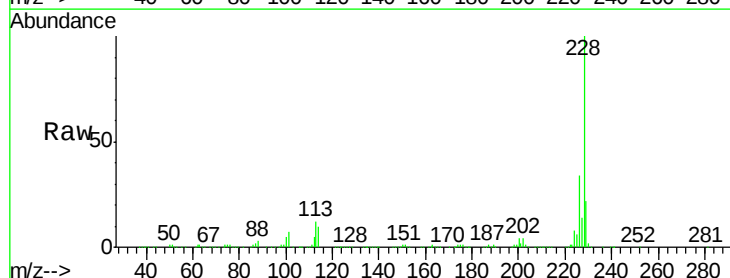
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

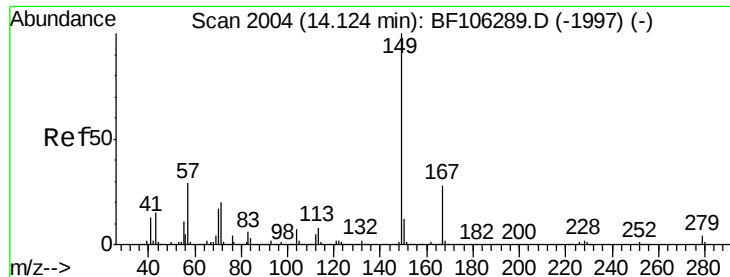
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	9.1	11.3	16.9



#82
 Chrysene
 Concen: 40.662 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF106323.D
 Acq: 12 Jun 2018 5:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	25.0	37.6
229	21.8	16.2	24.4

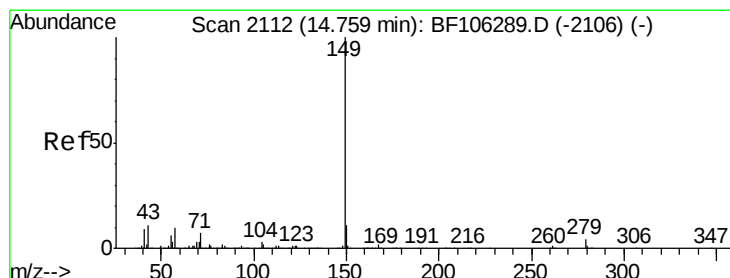
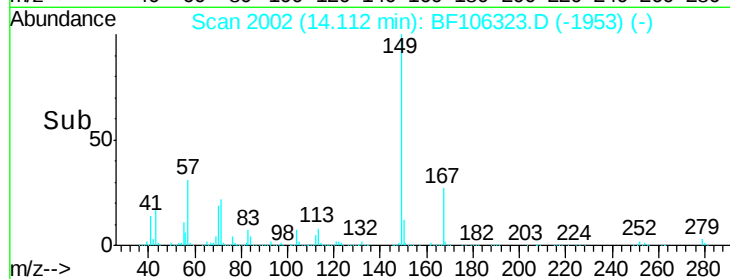
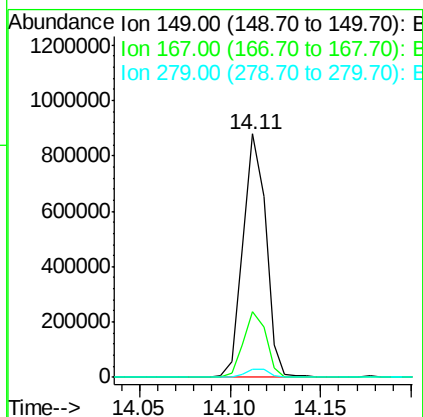
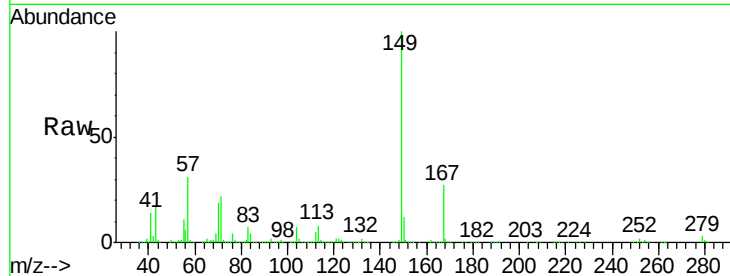




#83
Bis(2-ethylhexyl)phthalate
Concen: 42.988 ng
RT: 14.11 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

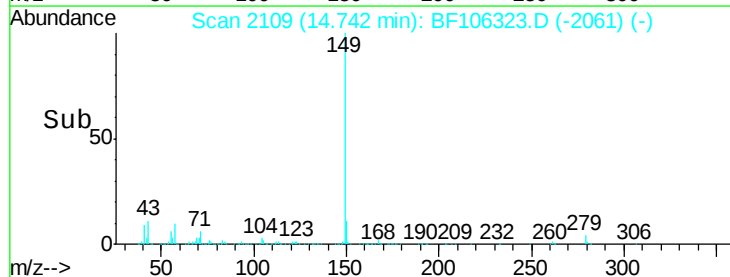
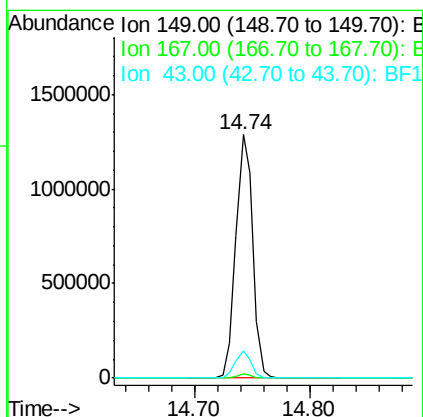
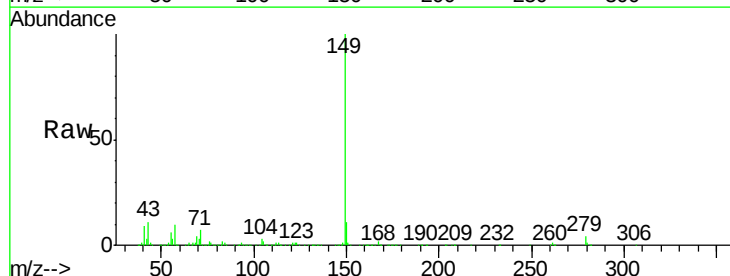
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

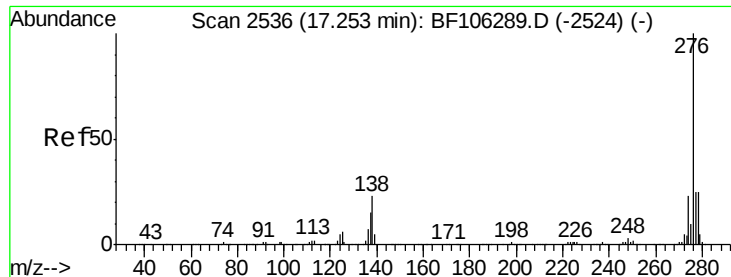
Tot Ion:149 Resp: 776592
Ion Ratio Lower Upper
149 100
167 26.8 21.3 31.9
279 3.5 3.0 4.4



#84
Di-n-octyl phthalate
Concen: 49.999 ng
RT: 14.74 min Scan# 2109
Delta R.T. -0.02 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion:149 Resp: 1302181
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 8.4 12.6

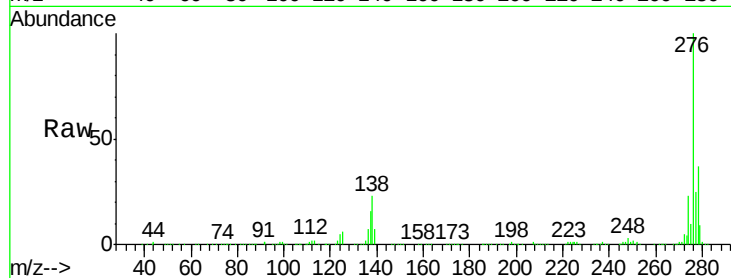




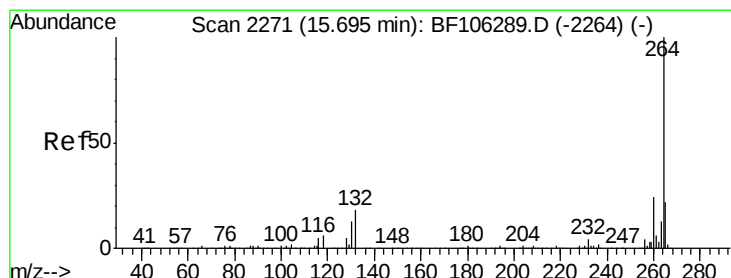
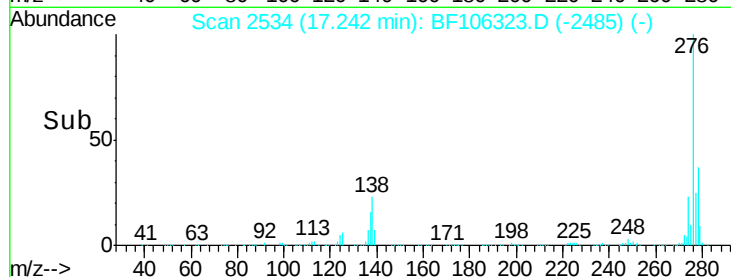
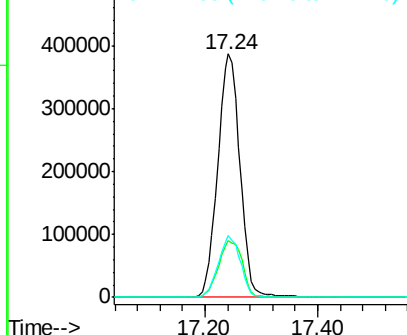
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.501 ng
RT: 17.24 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:276 Resp: 1060744
Ion Ratio Lower Upper
276 100
138 25.2 25.0 37.6
277 25.3 20.1 30.1

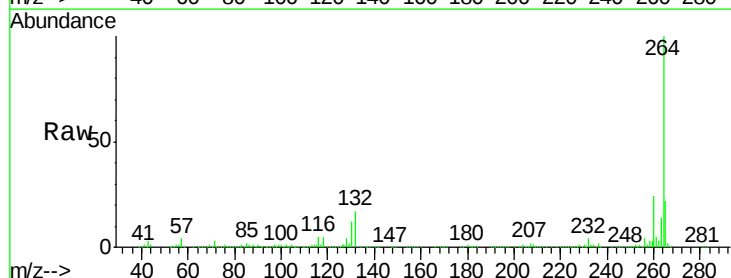


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

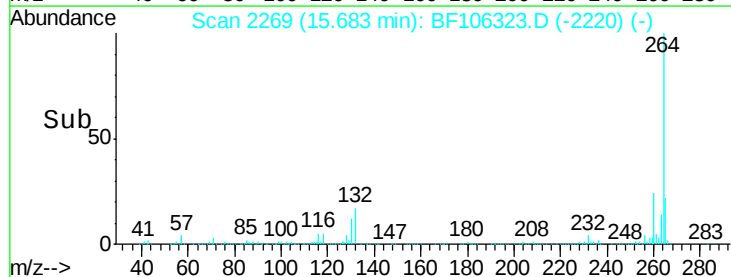
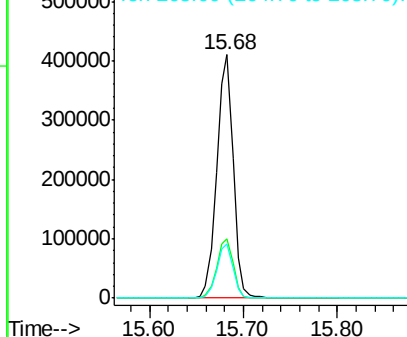


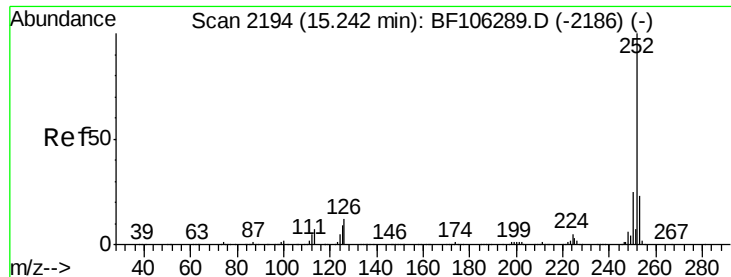
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion:264 Resp: 503640
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.2 17.5 26.3



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

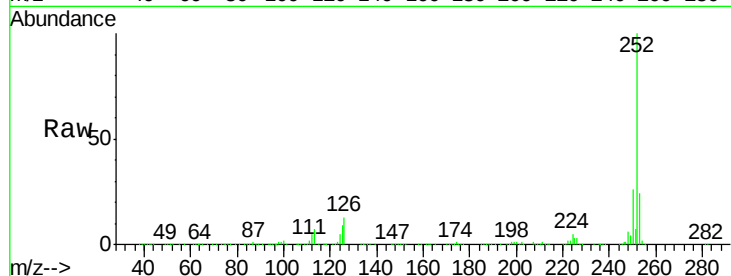




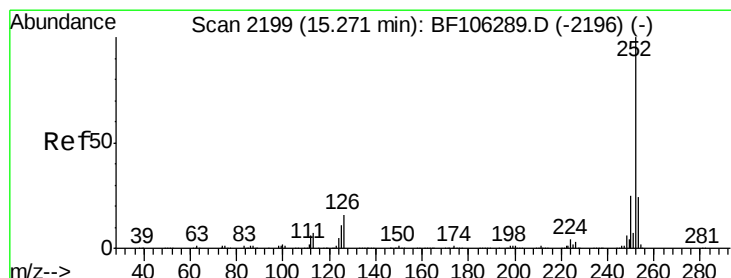
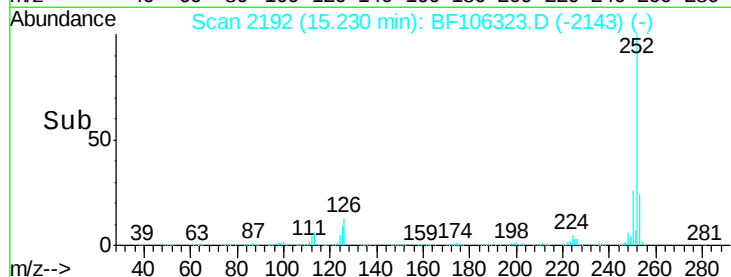
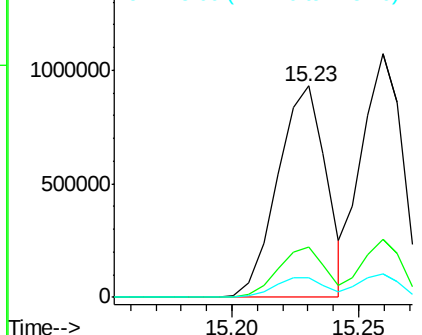
#87
Benzo(b)fluoranthene
Concen: 40.586 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1235610
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 9.5 9.0 13.6

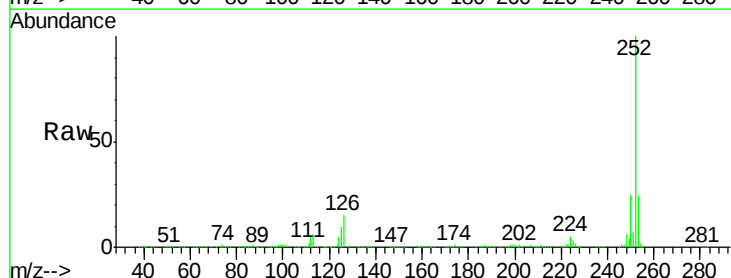


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

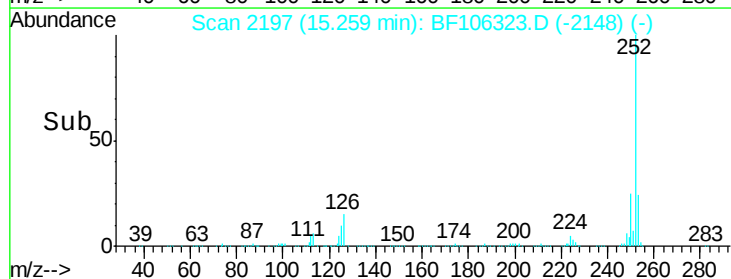
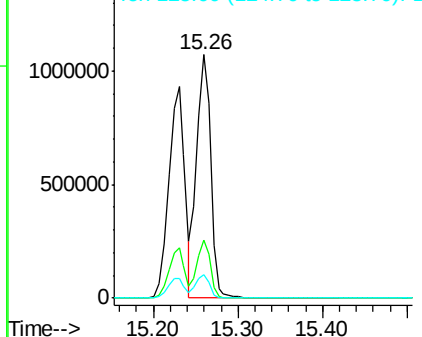


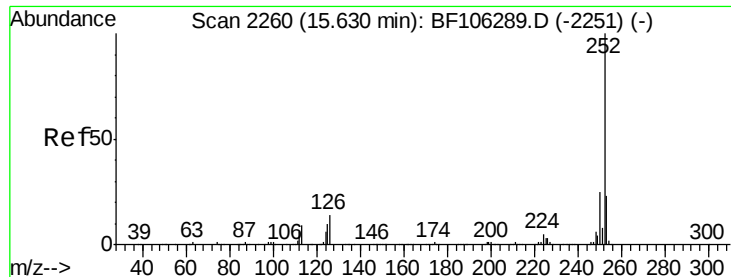
#88
Benzo(k)fluoranthene
Concen: 40.734 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion:252 Resp: 1228179
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 9.6 10.2 15.2#



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



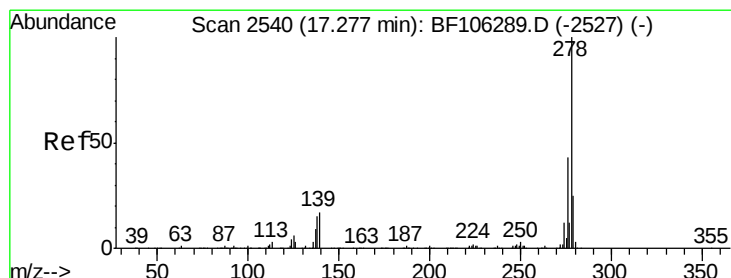
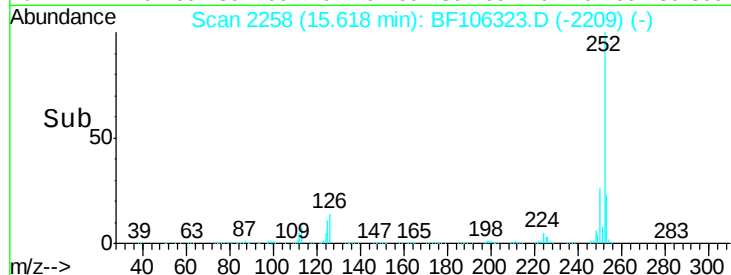
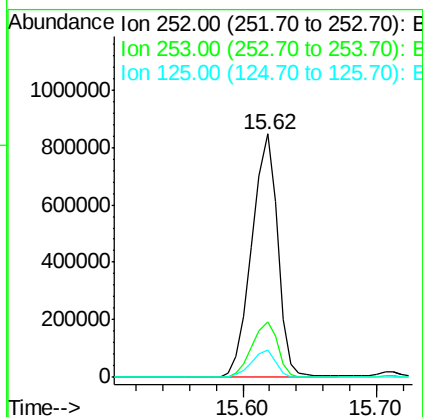
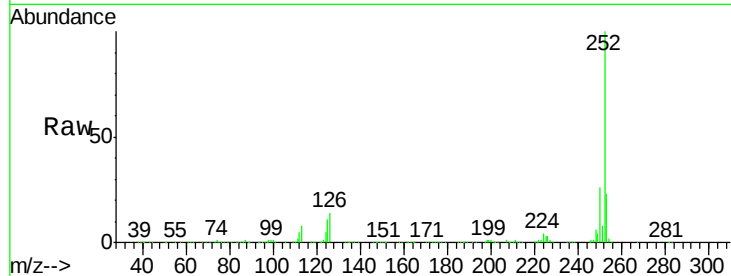


#89
Benzo(a)pyrene
Concen: 41.151 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1126862

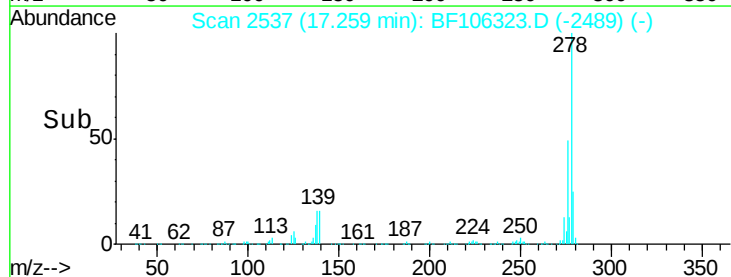
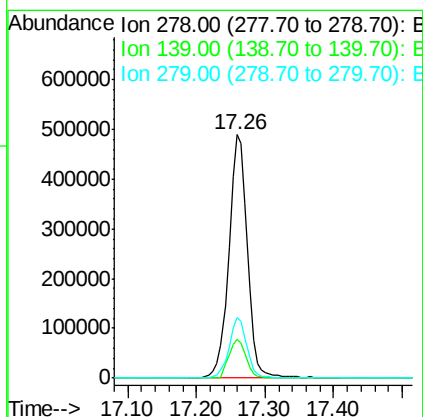
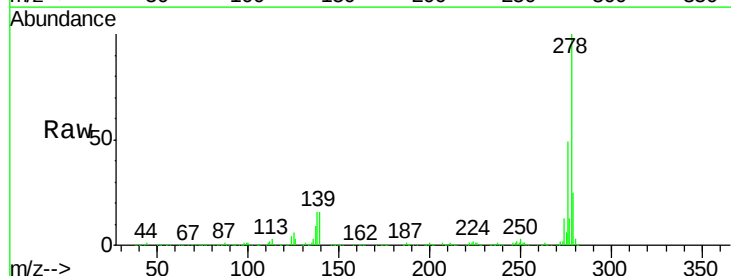
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	11.2	9.8	14.6

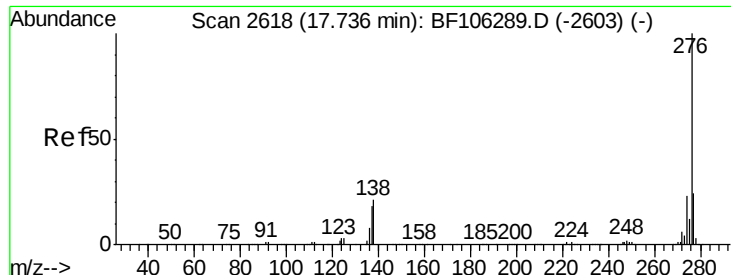


#90
Dibenzo(a,h)anthracene
Concen: 40.268 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BF106323.D
Acq: 12 Jun 2018 5:01

Tgt Ion:278 Resp: 919299

Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.9	23.9
279	24.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 36.863 ng

RT: 17.72 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BF106323.D

Acq: 12 Jun 2018 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

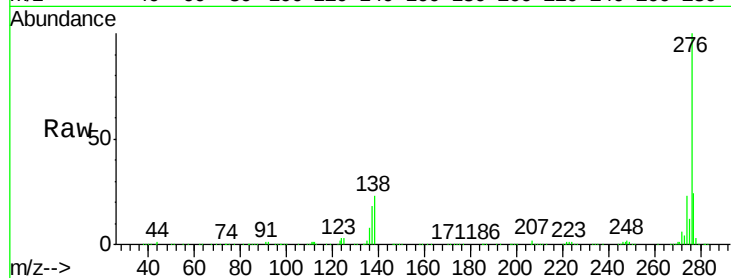
Tot Ion:276 Resp: 817864

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 22.6 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

