

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103866.D
 Acq On : 23 Mar 2018 8:58
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 23 13:26:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	150249	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	610826	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	285185	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	516365	20.00	ng	0.00
75) Chrysene-d12	14.17	240	379313	20.00	ng	0.00
86) Perylene-d12	15.71	264	325254	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	739911	74.90	ng	0.00
7) Phenol-d6	6.60	99	909017	75.22	ng	0.00
23) Nitrobenzene-d5	7.54	82	808600	92.32	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	239442	97.65	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1368938	76.57	ng	0.00
78) Terphenyl-d14	13.10	244	1333663	81.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	181340	37.281	ng	90
3) Pyridine	3.62	79	497165	37.160	ng	85
4) n-Nitrosodimethylamine	3.58	42	163026	33.048	ng	80
6) Aniline	6.64	93	636929	36.908	ng	98
8) 2-Chlorophenol	6.76	128	404314	39.071	ng	93
9) Benzaldehyde	6.53	77	272429	34.312	ng	98
10) Phenol	6.61	94	479541	37.341	ng	96
11) bis(2-Chloroethyl)ether	6.71	93	394948	37.254	ng	93
12) 1,3-Dichlorobenzene	6.92	146	454449	38.559	ng	99
13) 1,4-Dichlorobenzene	6.99	146	452952	38.246	ng	100
14) 1,2-Dichlorobenzene	7.15	146	424725	38.647	ng	99
15) Benzyl Alcohol	7.11	79	350356	37.416	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	520464	34.517	ng	93
17) 2-Methylphenol	7.22	107	350587	38.044	ng	99
18) Hexachloroethane	7.49	117	163344	39.210	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	273205	35.274	ng	91
20) 3+4-Methylphenols	7.37	107	445109	38.060	ng	# 87
22) Acetophenone	7.39	105	565748	36.038	ng	# 93
24) Nitrobenzene	7.56	77	428736	41.693	ng	99
25) Isophorone	7.79	82	731101	36.056	ng	99
26) 2-Nitrophenol	7.87	139	224440	55.523	ng	# 89
27) 2,4-Dimethylphenol	7.90	122	338606	38.980	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	462711	37.685	ng	99
29) 2,4-Dichlorophenol	8.11	162	324283	41.033	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	362200	39.515	ng	98
31) Naphthalene	8.28	128	1164040	37.725	ng	99
32) Benzoic acid	8.02	122	281327	46.333	ng	96
33) 4-Chloroaniline	8.33	127	512605	39.599	ng	96
34) Hexachlorobutadiene	8.39	225	198674	39.532	ng	98
35) Caprolactam	8.70	113	113808	41.821	ng	# 83
36) 4-Chloro-3-methylphenol	8.80	107	346040	39.718	ng	99
37) 2-Methylnaphthalene	8.97	142	761186	38.901	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	335774	41.270	ng	99
40) Hexachlorocyclopentadiene	9.12	237	163439	38.931	ng	97

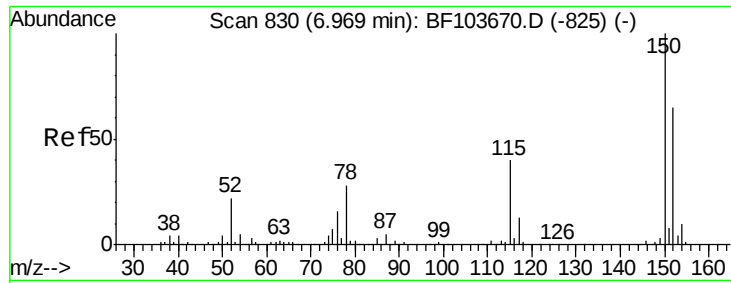
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103866.D
 Acq On : 23 Mar 2018 8:58
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 23 13:26:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	227504	43.717	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	259823	44.235	ng	97
45) 1,1'-Biphenyl	9.43	154	926927	38.979	ng	100
46) 2-Chloronaphthalene	9.46	162	736428	38.990	ng	99
47) 2-Nitroaniline	9.56	65	223811	45.680	ng	99
48) Acenaphthylene	9.88	152	1139997	38.922	ng	100
49) Dimethylphthalate	9.73	163	878849	40.392	ng	99
50) 2,6-Dinitrotoluene	9.80	165	196480	46.790	ng	95
51) Acenaphthene	10.06	154	708944	40.765	ng	99
52) 3-Nitroaniline	9.97	138	229197	45.639	ng	98
53) 2,4-Dinitrophenol	10.07	184	77337	67.551	ng	# 20
54) Dibenzofuran	10.23	168	966769	38.923	ng	99
55) 4-Nitrophenol	10.12	139	169350	44.841	ng	88
56) 2,4-Dinitrotoluene	10.20	165	259329	48.551	ng	93
57) Fluorene	10.57	166	765759	39.731	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	190376	45.742	ng	94
59) Diethylphthalate	10.43	149	833322	38.588	ng	97
60) 4-Chlorophenyl-phenylether	10.56	204	354728	40.272	ng	97
61) 4-Nitroaniline	10.59	138	226457	46.750	ng	94
62) Azobenzene	10.72	77	780823	35.564	ng	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	127409	59.973	ng	83
65) n-Nitrosodiphenylamine	10.67	169	687166	39.097	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	217357	40.998	ng	# 88
67) Hexachlorobenzene	11.12	284	247188	40.850	ng	# 87
68) Atrazine	11.20	200	226136	41.592	ng	99
69) Pentachlorophenol	11.31	266	152027	43.701	ng	97
70) Phenanthrene	11.54	178	1078024	38.165	ng	99
71) Anthracene	11.59	178	1104756	38.508	ng	100
72) Carbazole	11.75	167	1061711	38.076	ng	99
73) Di-n-butylphthalate	12.06	149	1296351	38.746	ng	99
74) Fluoranthene	12.73	202	1100671	37.823	ng	98
76) Benzidine	12.85	184	752278	46.500	ng	99
77) Pyrene	12.96	202	1133233	40.681	ng	100
79) Butylbenzylphthalate	13.57	149	538203	43.608	ng	97
80) Benzo(a)anthracene	14.16	228	942620	39.259	ng	99
81) 3,3'-Dichlorobenzidine	14.12	252	332498	41.400	ng	96
82) Chrysene	14.20	228	906554	39.608	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	693067	39.309	ng	100
84) Di-n-octyl phthalate	14.75	149	1084261	42.270	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.30	276	740193	37.032	ng	98
87) Benzo(b)fluoranthene	15.25	252	794734	38.676	ng	99
88) Benzo(k)fluoranthene	15.28	252	797589	40.378	ng	99
89) Benzo(a)pyrene	15.64	252	728179	39.070	ng	98
90) Dibenzo(a,h)anthracene	17.32	278	624516	38.697	ng	98
91) Benzo(g,h,i)perylene	17.78	276	612596	39.018	ng	97

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

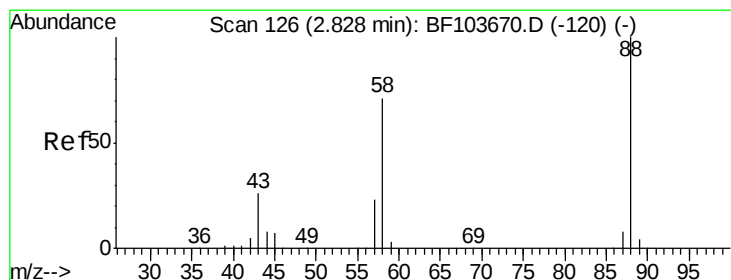
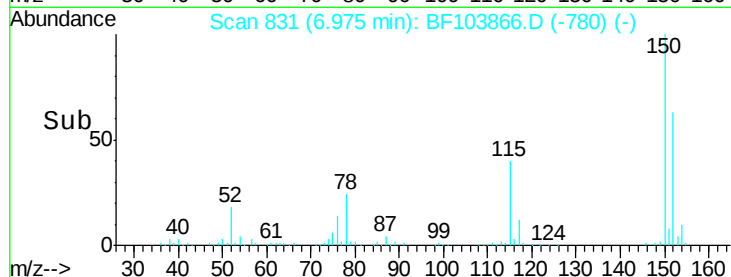
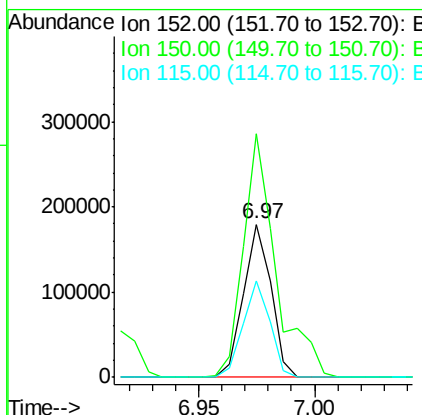
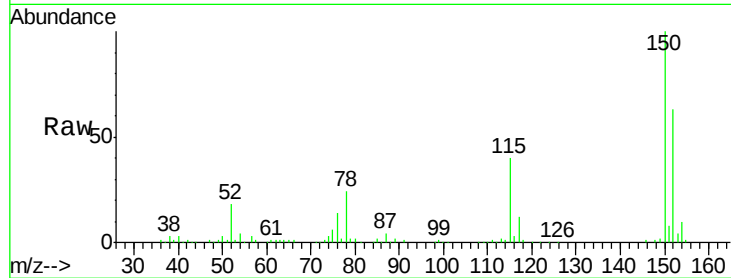


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

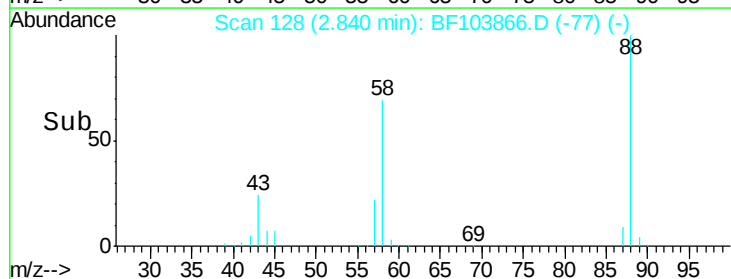
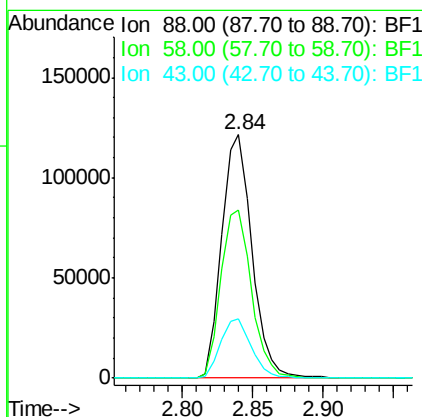
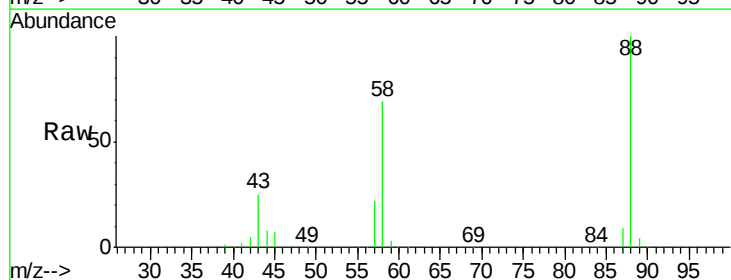
Tot Ion:152 Resp: 150249
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 63.1 50.1 75.1

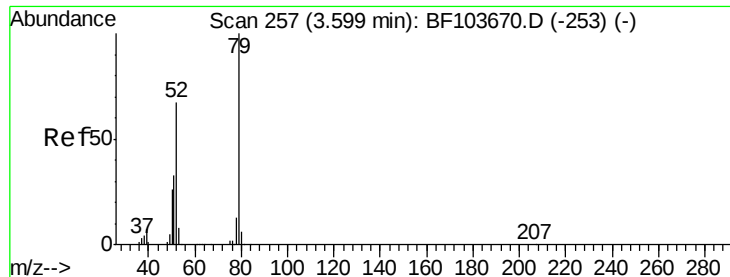


#2

1,4-Dioxane
Concen: 37.281 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion: 88 Resp: 181340
Ion Ratio Lower Upper
88 100
58 70.0 62.6 93.8
43 25.1 24.6 37.0





#3

Pvridine

Concen: 37.160 ng

RT: 3.62 min Scan# 260

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

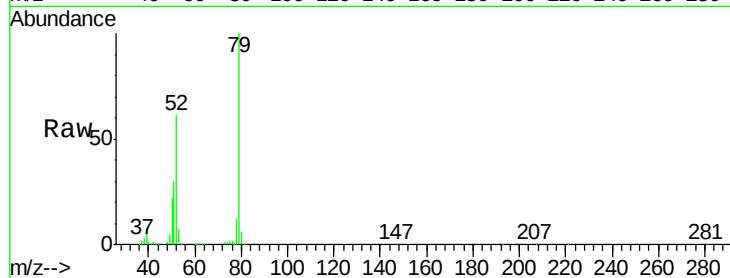
Tot Ion: 79 Resp: 497165

Ion Ratio Lower Upper

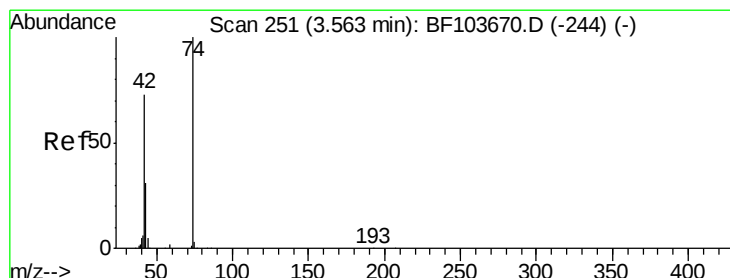
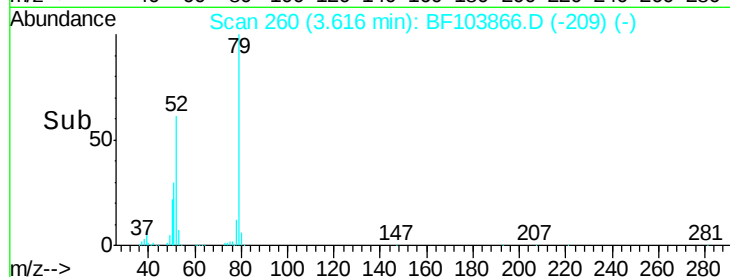
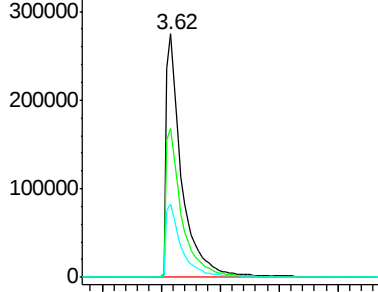
79 100

52 61.3 59.8 89.6

51 29.9 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: 33.048 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

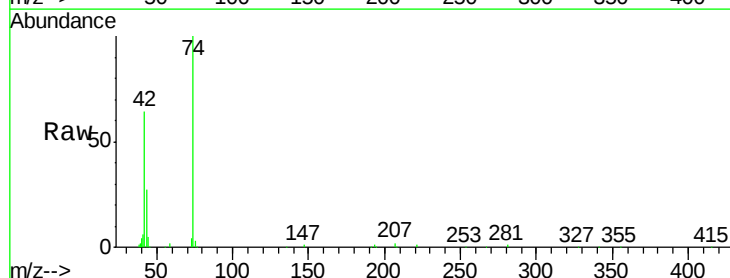
Tgt Ion: 42 Resp: 163026

Ion Ratio Lower Upper

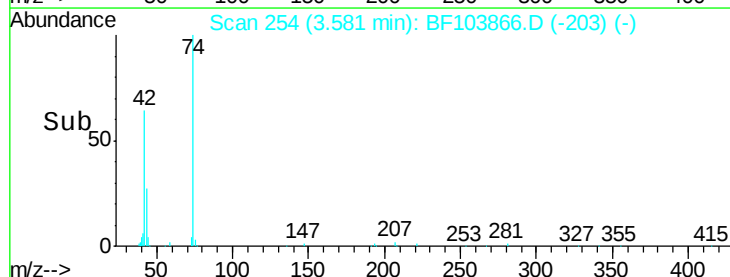
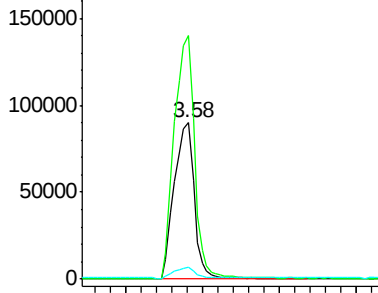
42 100

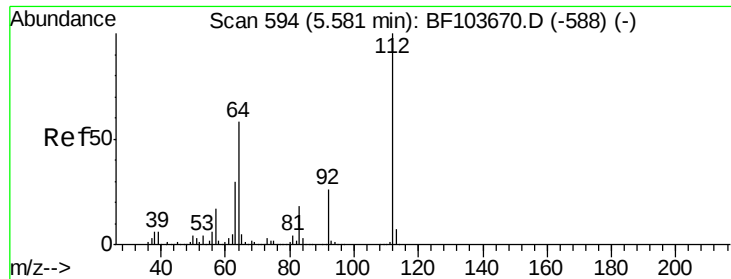
74 156.0 104.9 157.3

44 7.4 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: 74.902 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

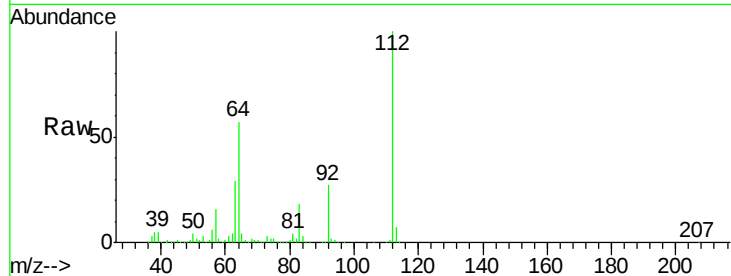
Tot Ion:112 Resp: 739911

Ion Ratio Lower Upper

112 100

64 57.2 47.9 71.9

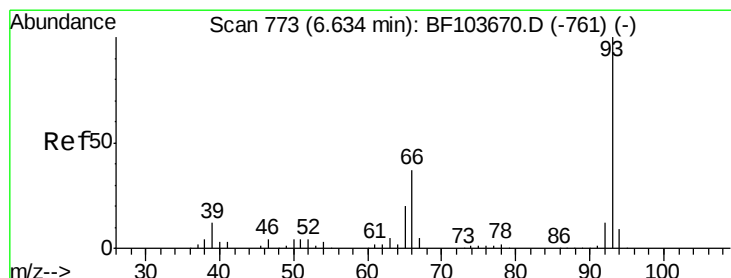
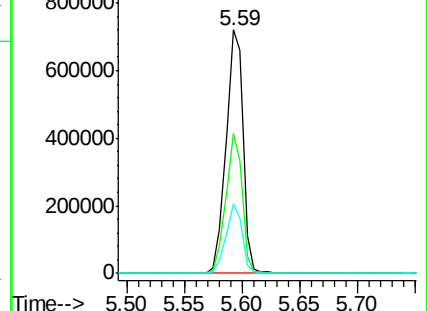
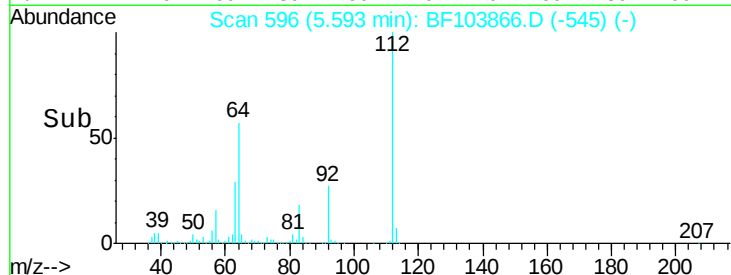
63 28.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.908 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

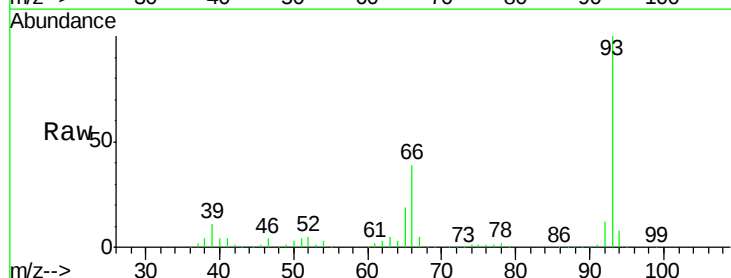
Tgt Ion: 93 Resp: 636929

Ion Ratio Lower Upper

93 100

66 38.9 32.2 48.2

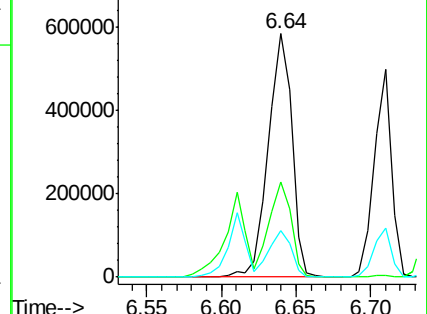
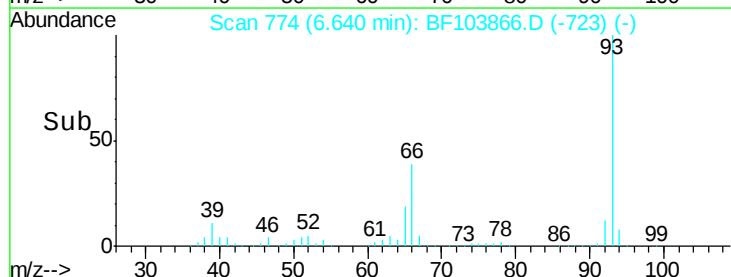
65 19.1 16.4 24.6

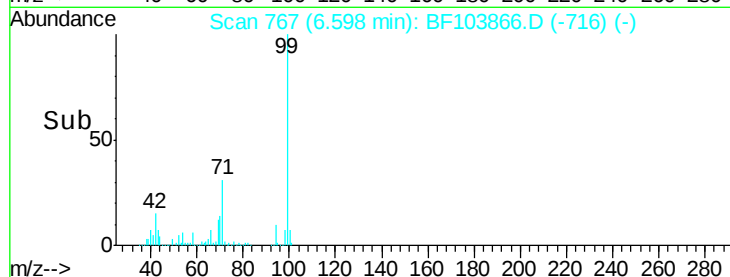
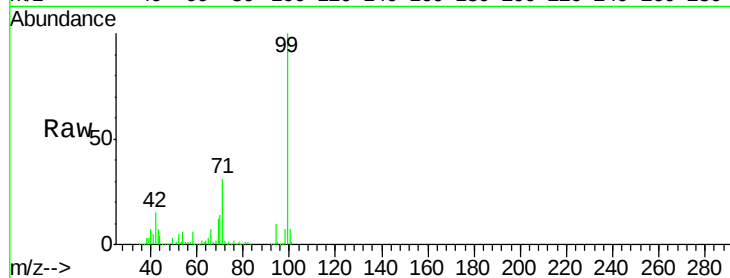
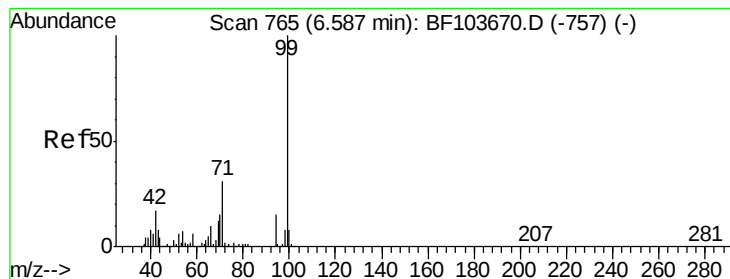


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.216 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

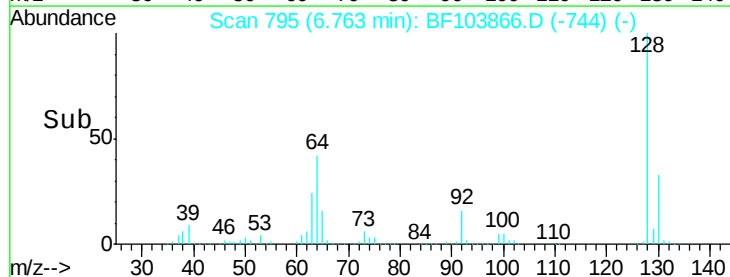
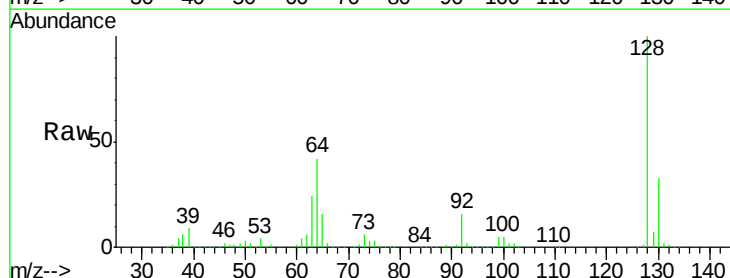
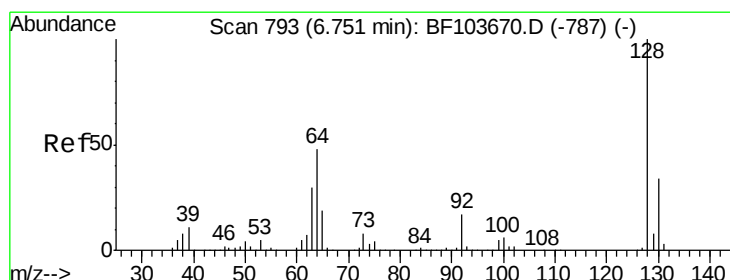
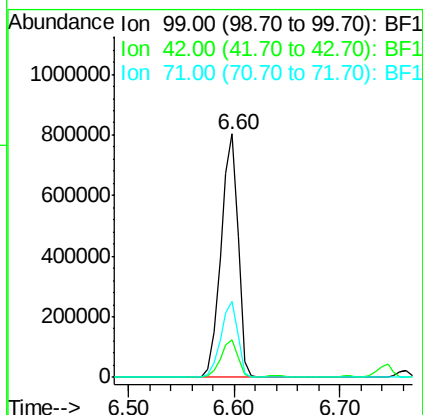
Tot Ion: 99 Resp: 909017

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

71 31.2 25.4 38.0



#8

2-Chlorophenol

Concen: 39.071 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

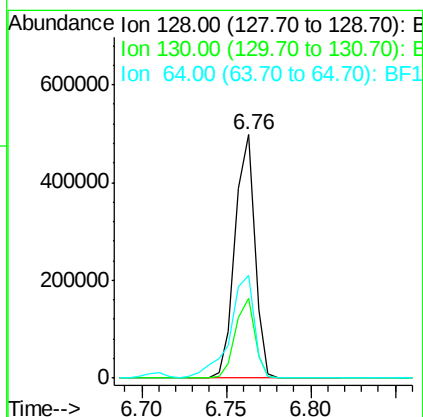
Tgt Ion: 128 Resp: 404314

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 42.0 29.4 69.4





#9

Benzaldehyde

Concen: 34.312 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

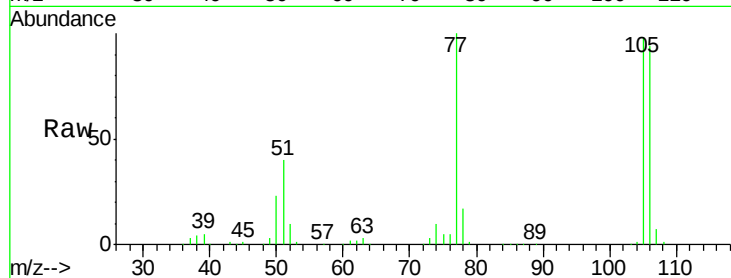
Tot Ion: 77 Resp: 272429

Ion Ratio Lower Upper

77 100

105 98.2 81.1 121.1

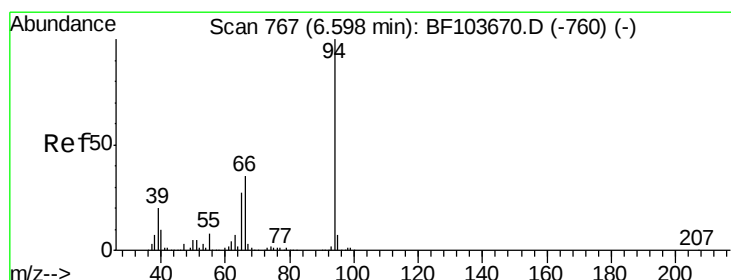
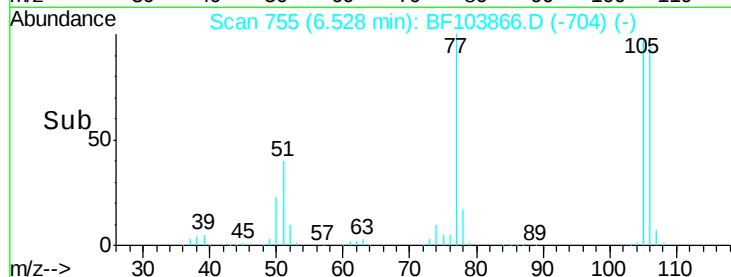
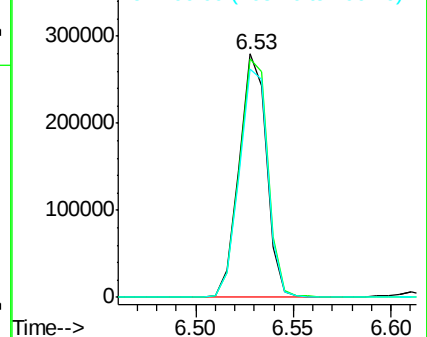
106 94.0 74.5 114.5



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: 37.341 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

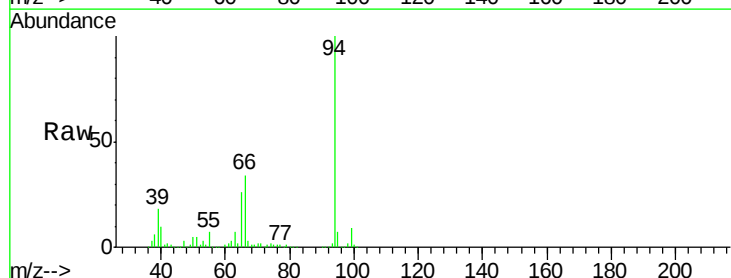
Tgt Ion: 94 Resp: 479541

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

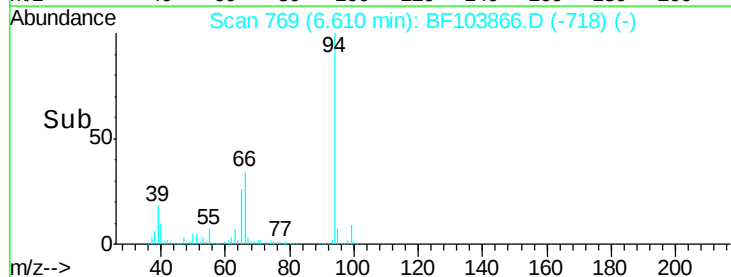
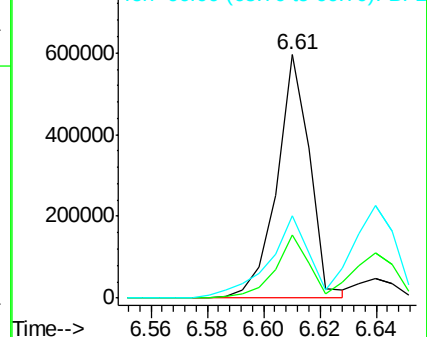
66 34.0 16.2 56.2

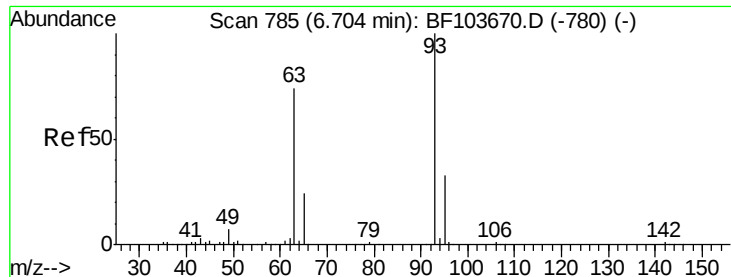


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

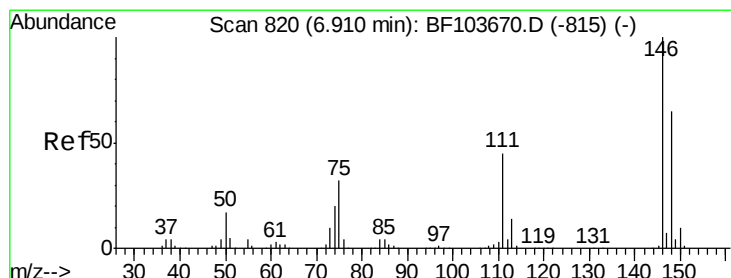
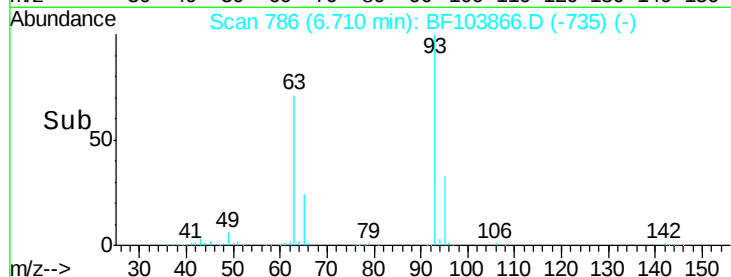
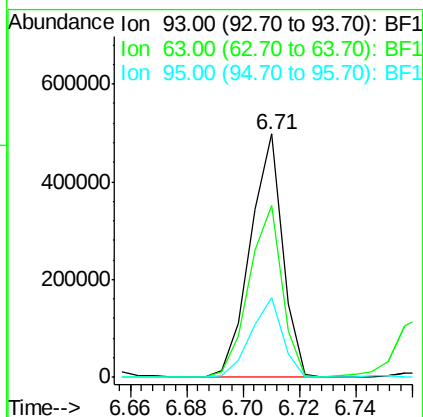
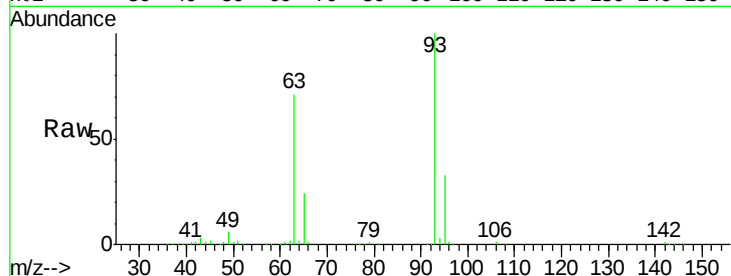




#11
bis(2-Chloroethyl)ether
Concen: 37.254 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

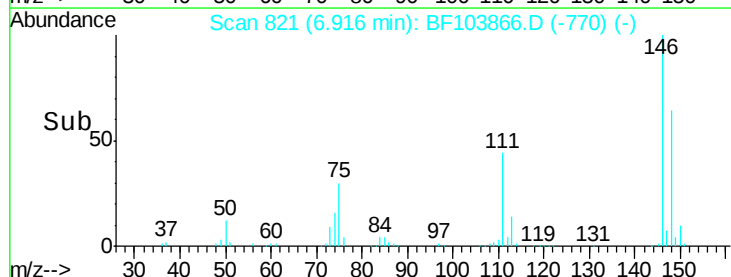
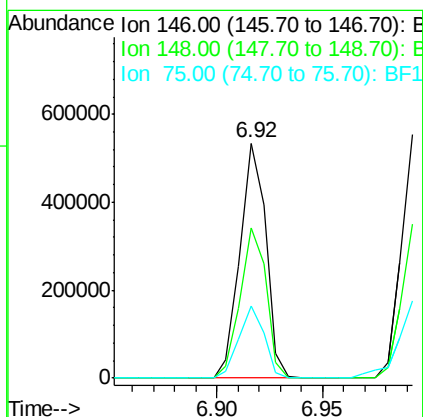
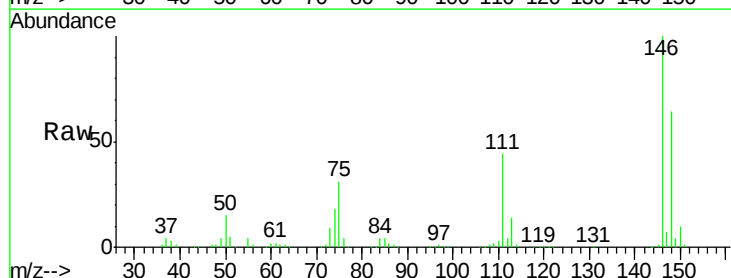
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

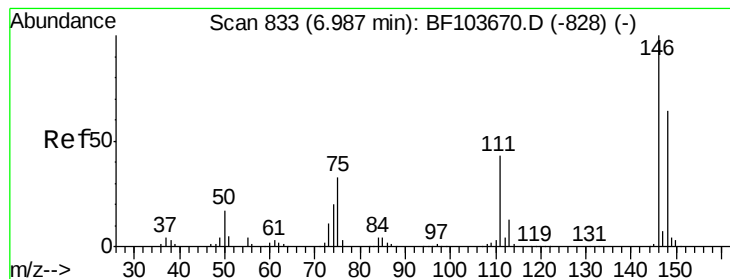
Tot Ion	93	Resp	394948
Ion Ratio	Lower	Upper	
93	100		
63	70.7	58.6	98.6
95	32.9	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.559 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion	146	Resp	454449
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.8	77.8
75	30.7	24.2	36.4

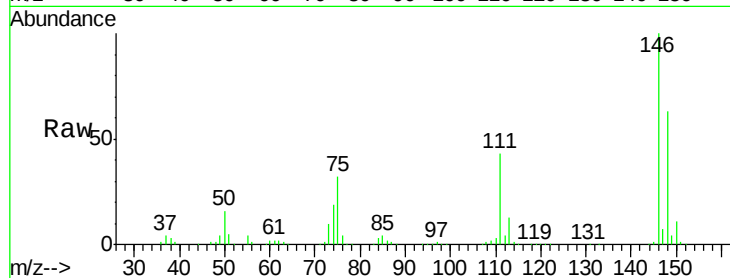




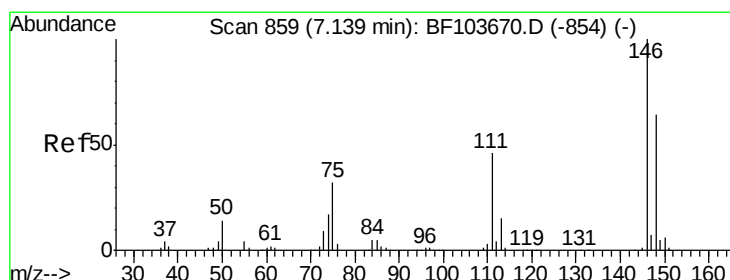
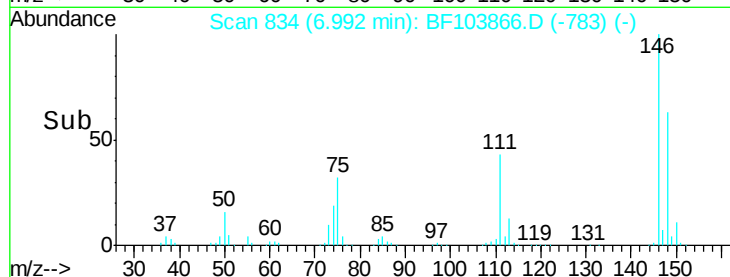
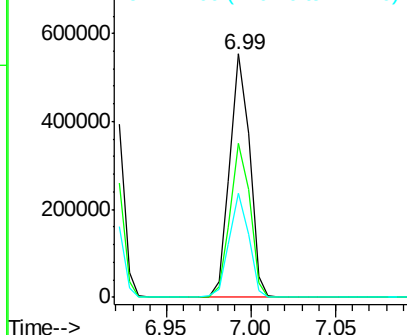
#13
 1,4-Dichlorobenzene
 Concen: 38.246 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 452952
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 42.6 34.2 51.2

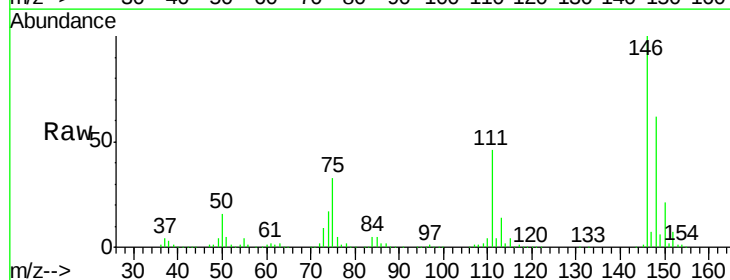


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

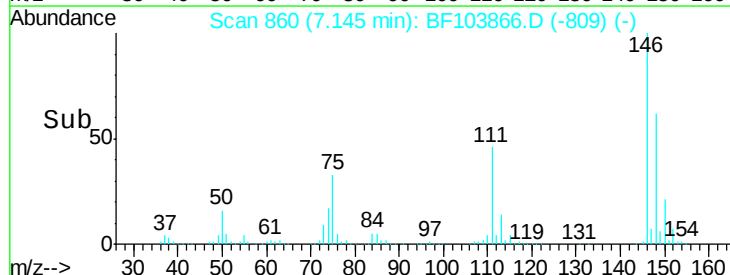
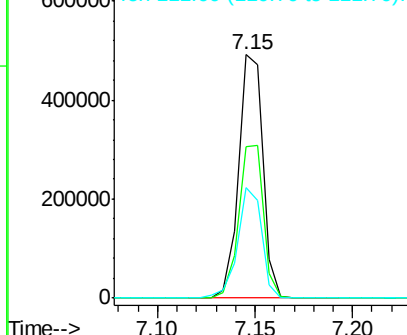


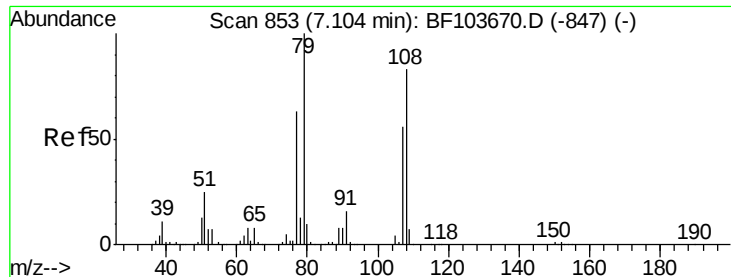
#14
 1,2-Dichlorobenzene
 Concen: 38.647 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Tgt Ion:146 Resp: 424725
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.6 75.8
 111 45.6 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: 37.416 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

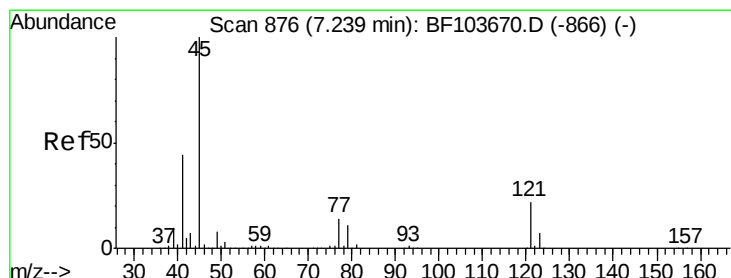
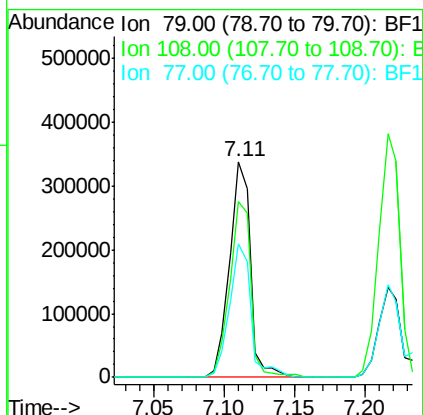
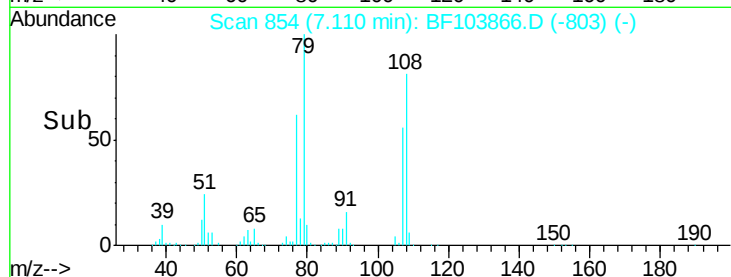
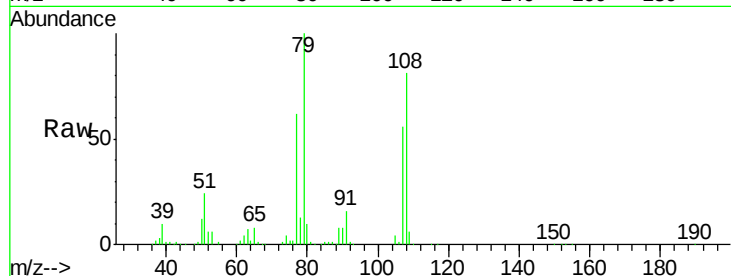
Tot Ion: 79 Resp: 350356

Ion Ratio Lower Upper

79 100

108 81.4 65.1 97.7

77 62.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.517 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

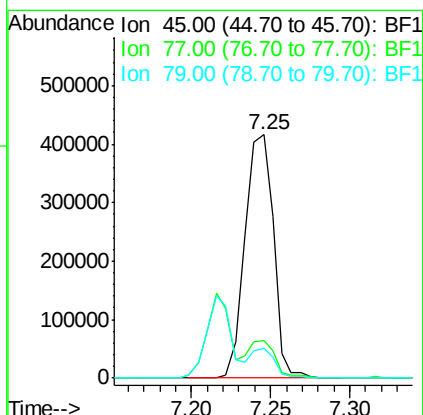
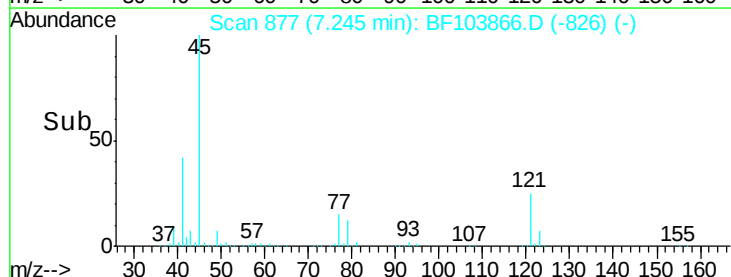
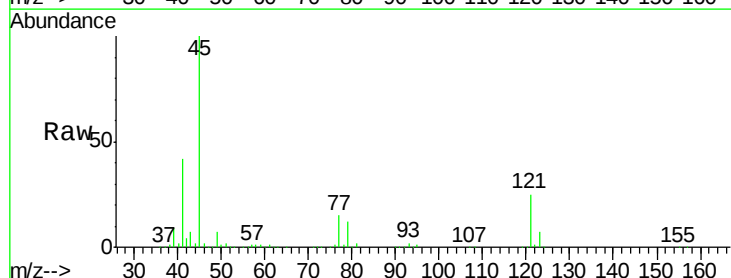
Tgt Ion: 45 Resp: 520464

Ion Ratio Lower Upper

45 100

77 15.3 0.0 32.9

79 12.3 0.0 29.6

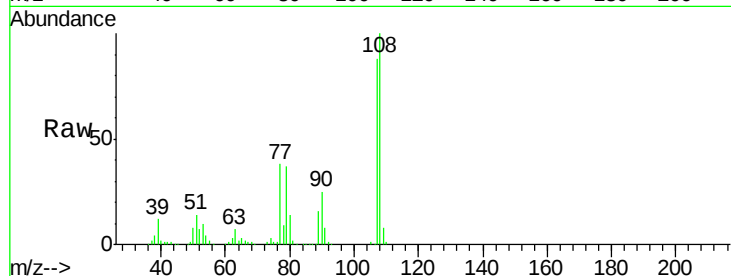




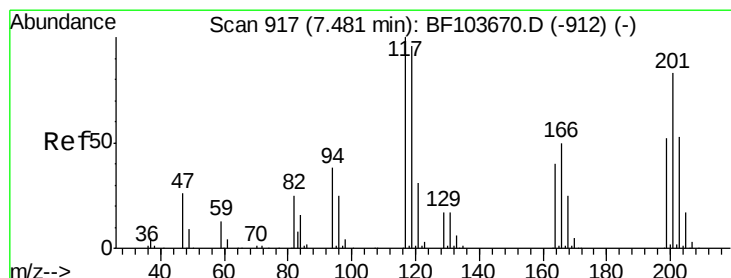
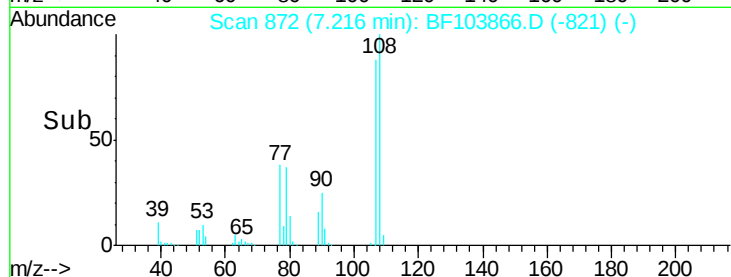
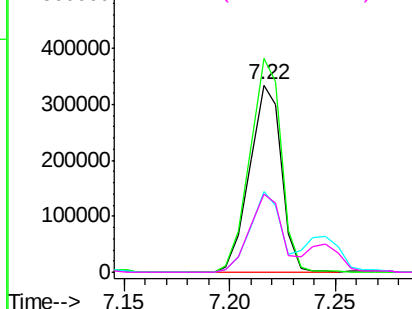
#17
2-Methylphenol
Concen: 38.044 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	350587
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.7	137.5
77	43.3	33.8	50.8
79	42.0	33.8	50.8

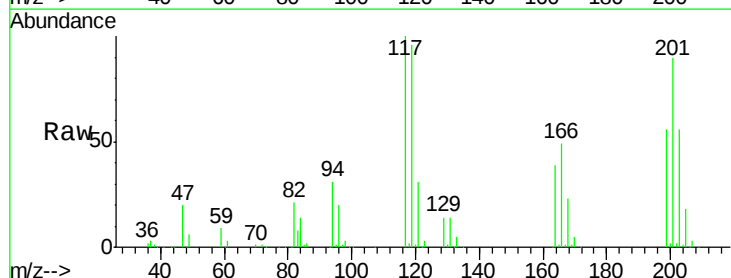


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

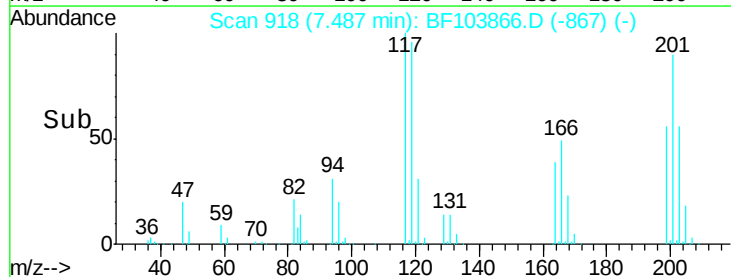
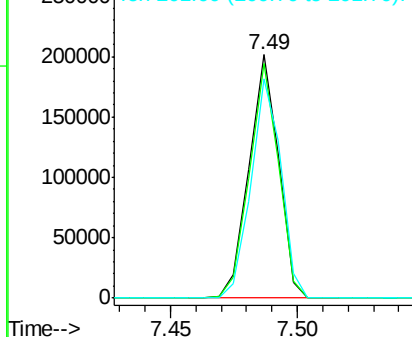


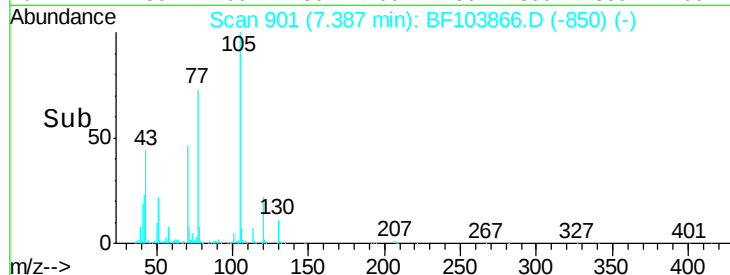
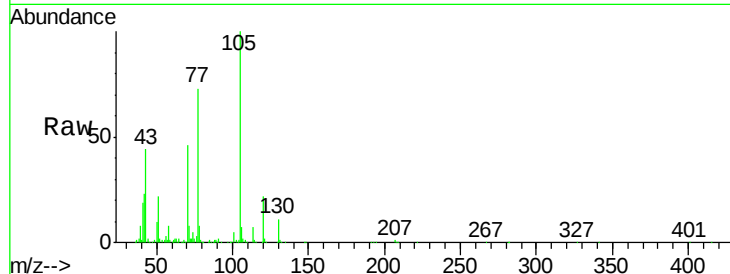
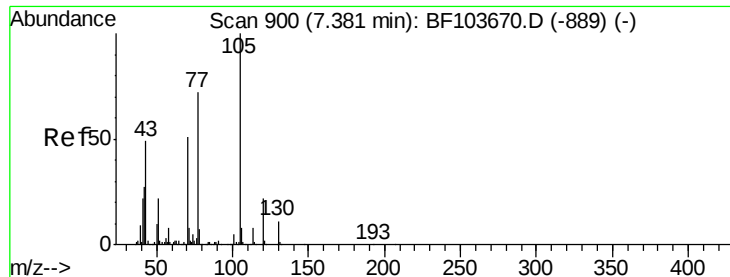
#18
Hexachloroethane
Concen: 39.210 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion:	117	Resp:	163344
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	89.8	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

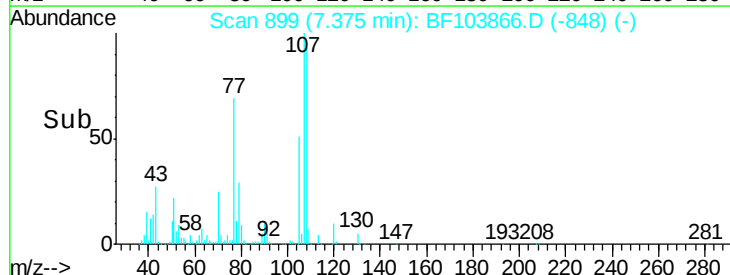
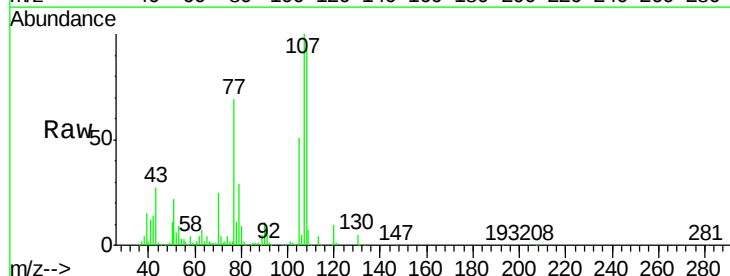
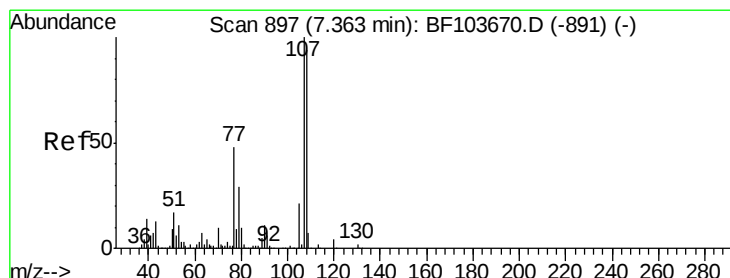
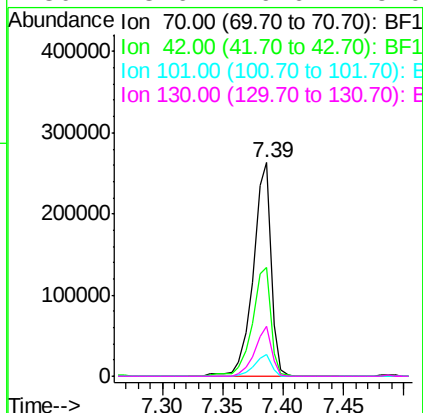




#19
n-Nitroso-di-n-propylamine
Concen: 35.274 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

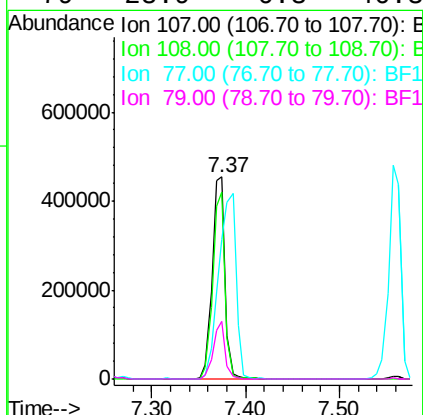
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

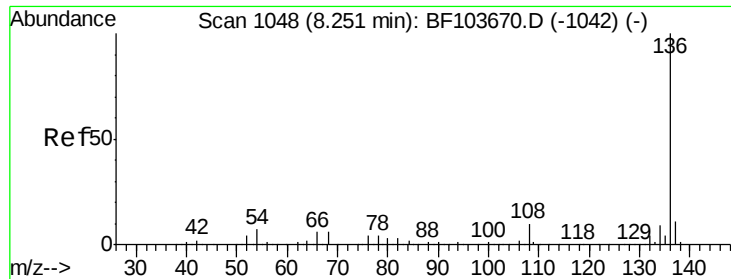
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.8	47.5	71.3
101	10.2	7.4	11.2
130	23.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.060 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.8	68.2	108.2
77	69.2	26.7	66.7#
79	28.9	6.3	46.3

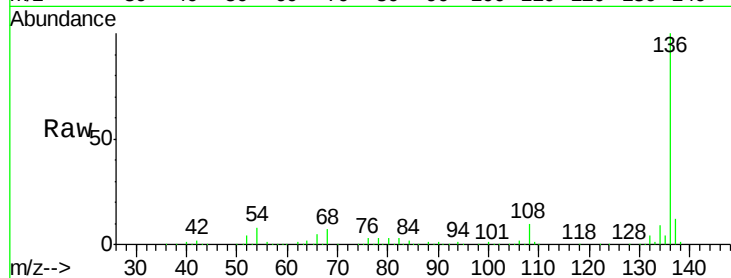




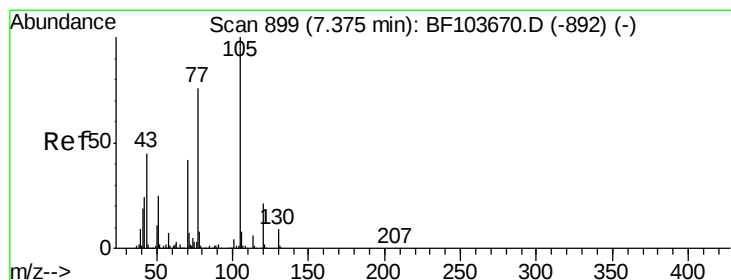
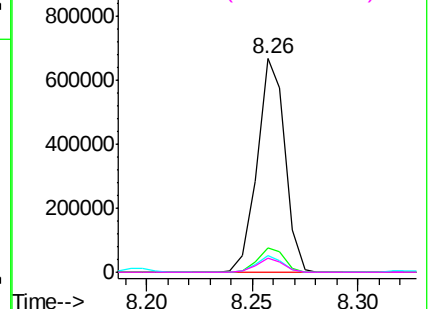
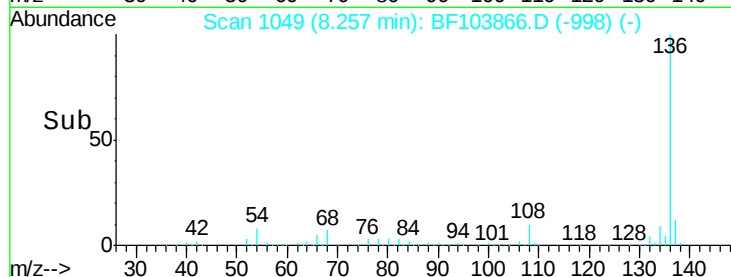
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	610826
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.9 13.3
54	7.6	6.6 9.8
68	6.5	5.0 7.4

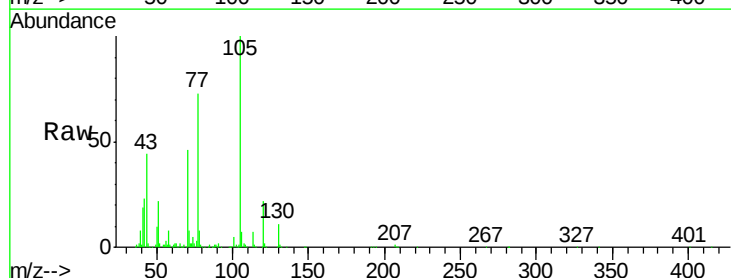


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

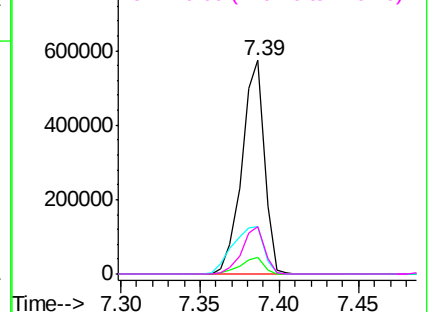
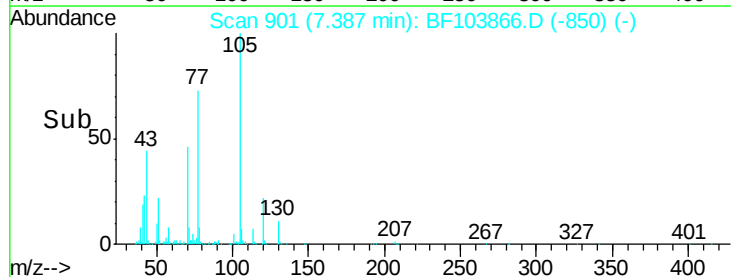


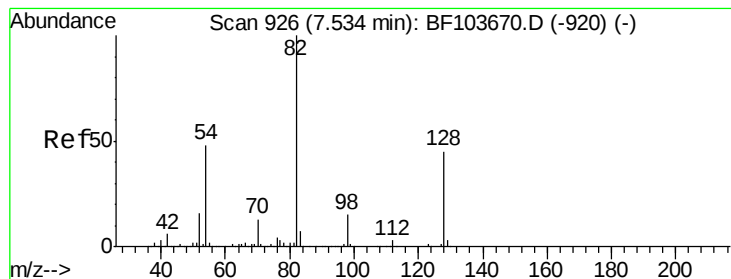
#22
Acetophenone
Concen: 36.038 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion:105	Resp:	565748
Ion Ratio	Lower	Upper
105	100	
71	7.7	4.4 6.6#
51	22.1	22.3 33.5#
120	22.4	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: 92.315 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

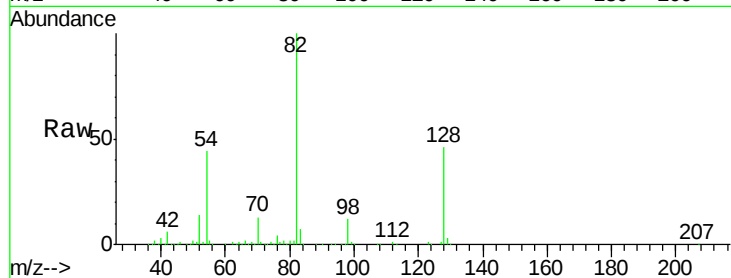
Tot Ion: 82 Resp: 808600

Ion Ratio Lower Upper

82 100

128 46.4 36.1 54.1

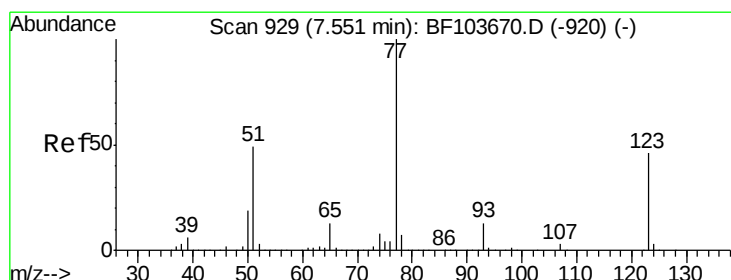
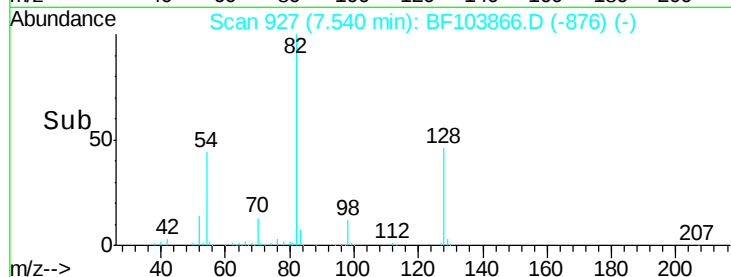
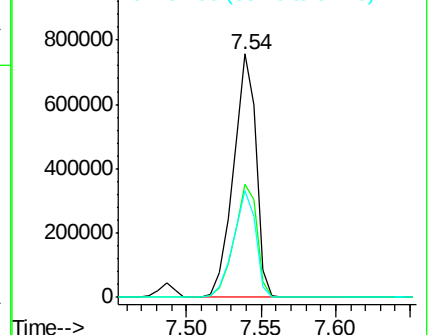
54 43.9 41.4 62.2



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: 41.693 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

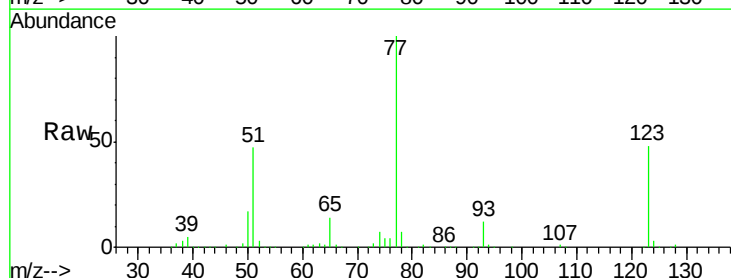
Tgt Ion: 77 Resp: 428736

Ion Ratio Lower Upper

77 100

123 48.2 37.9 56.9

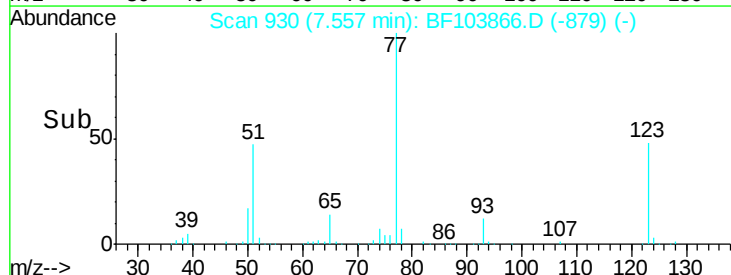
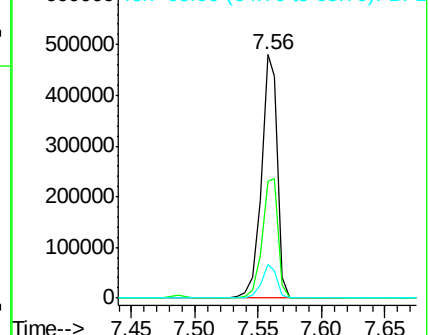
65 13.7 11.0 16.4

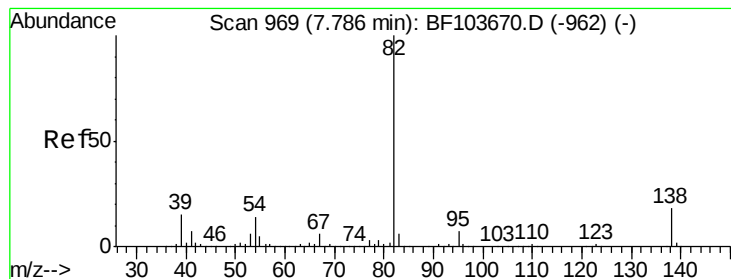


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.056 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

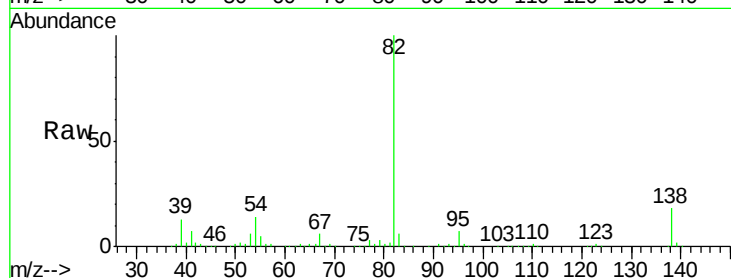
Tot Ion: 82 Resp: 731101

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

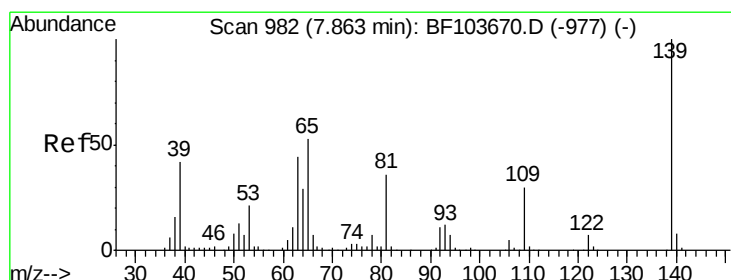
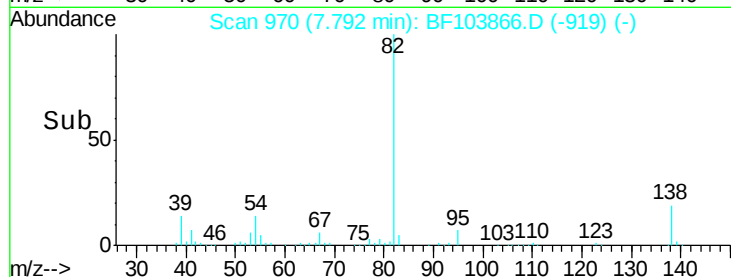
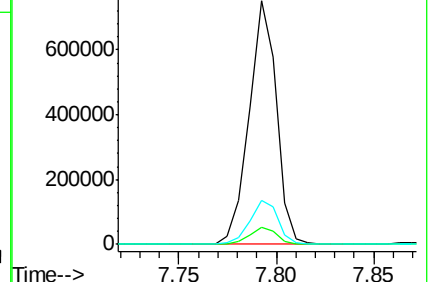
138 18.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 55.523 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

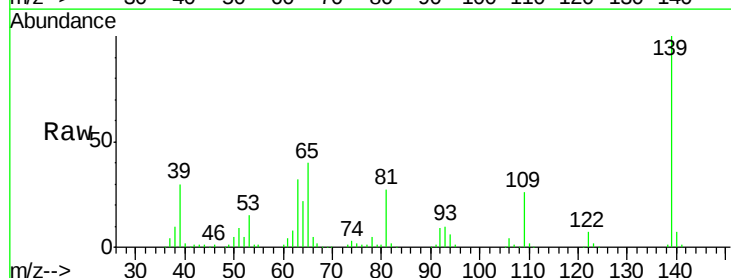
Tgt Ion: 139 Resp: 224440

Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

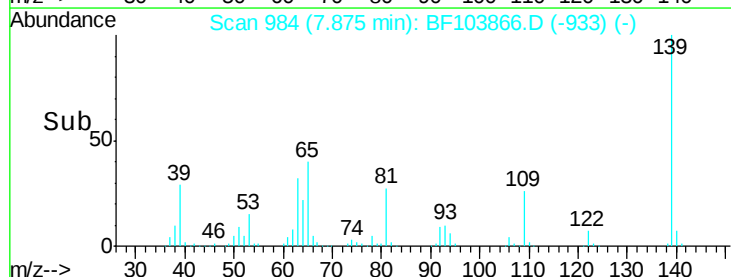
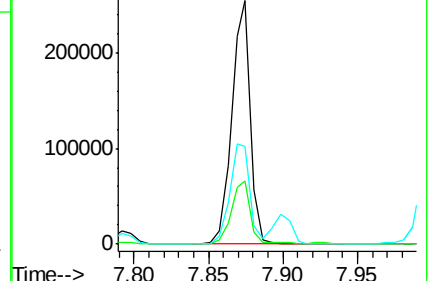
65 40.3 40.5 60.7#

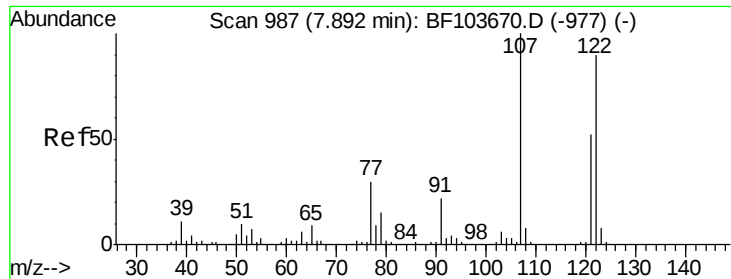


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

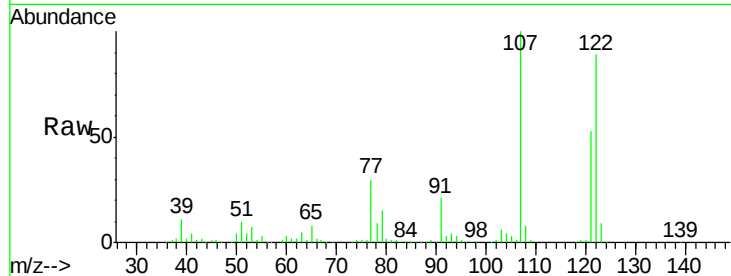




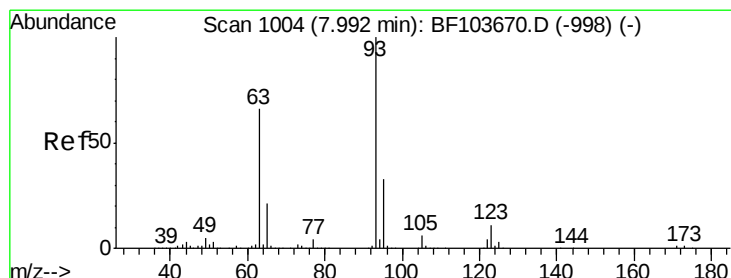
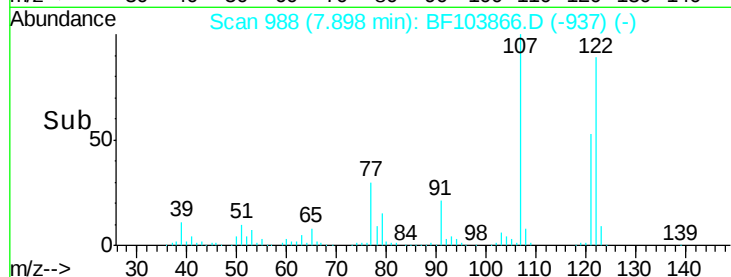
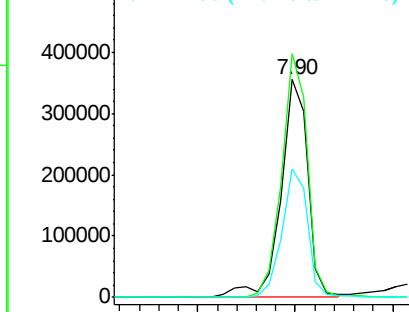
#27
2,4-Dimethylphenol
Concen: 38.980 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 338606
Ion Ratio Lower Upper
122 100
107 111.8 91.2 136.8
121 59.1 47.2 70.8

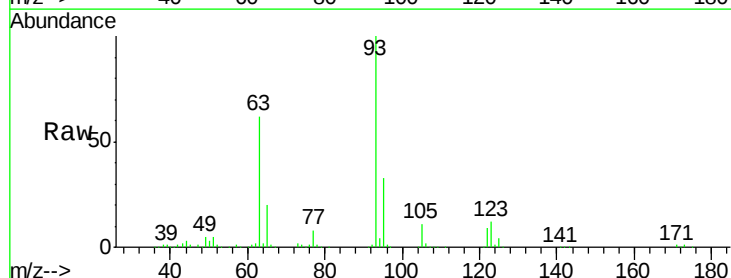


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

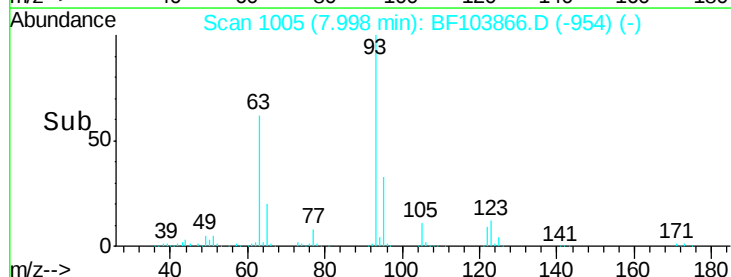
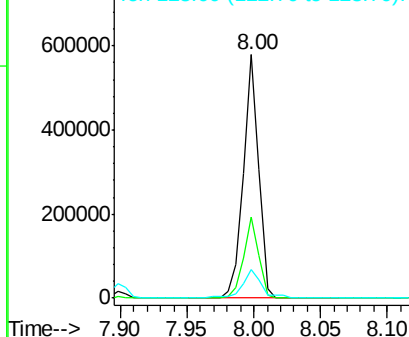


#28
bis(2-Chloroethoxy)methane
Concen: 37.685 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion: 93 Resp: 462711
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 11.8 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: 41.033 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

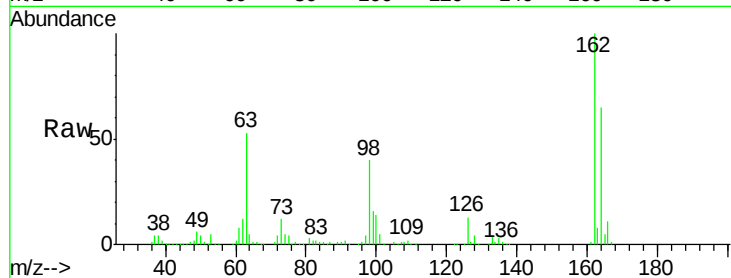
Tot Ion:162 Resp: 324283

Ion Ratio Lower Upper

162 100

164 65.2 42.7 82.7

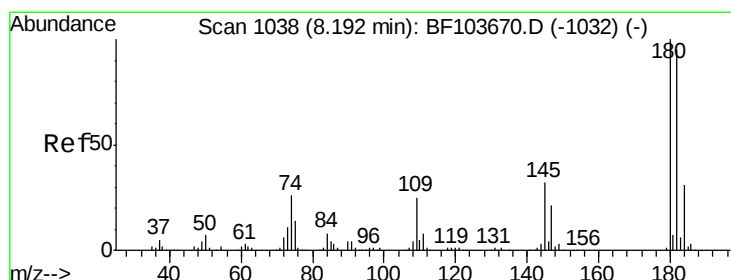
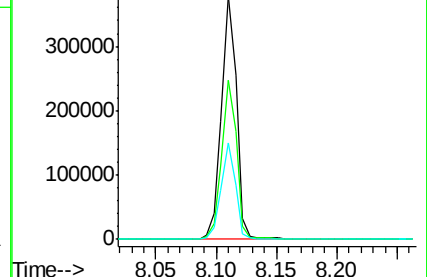
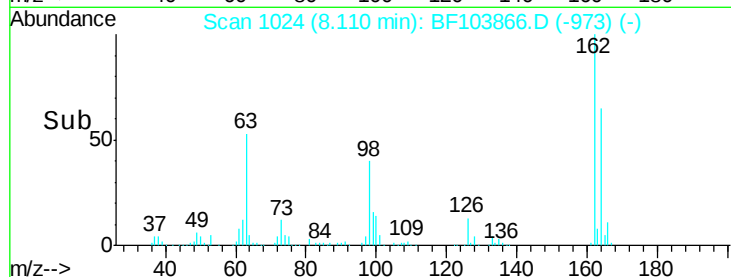
98 39.6 18.1 58.1



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: 39.515 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

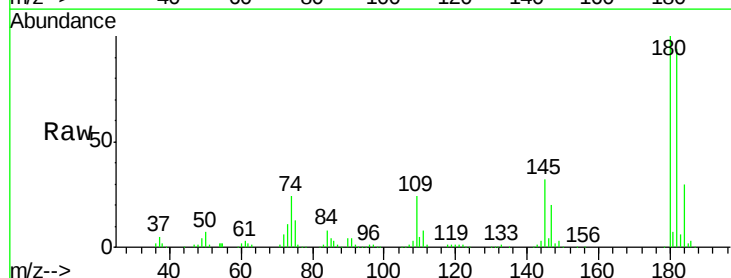
Tgt Ion:180 Resp: 362200

Ion Ratio Lower Upper

180 100

182 94.5 76.8 115.2

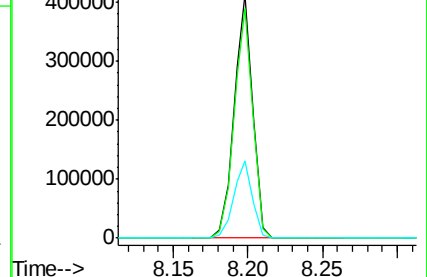
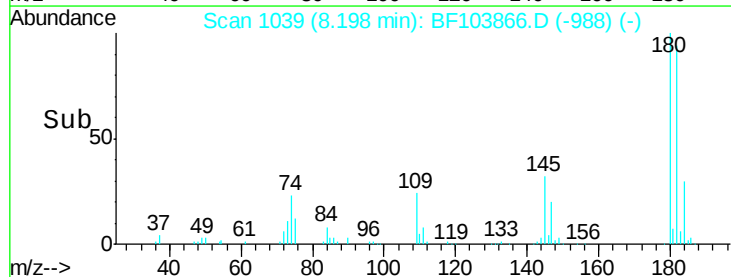
145 31.8 26.5 39.7

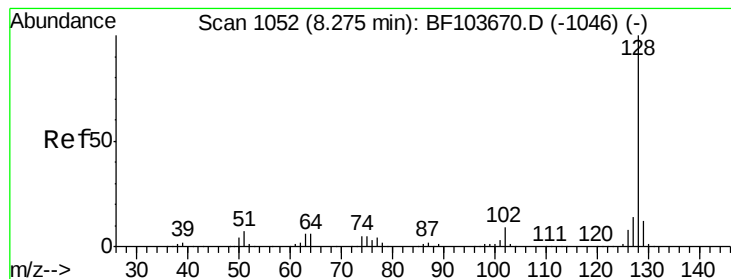


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.725 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

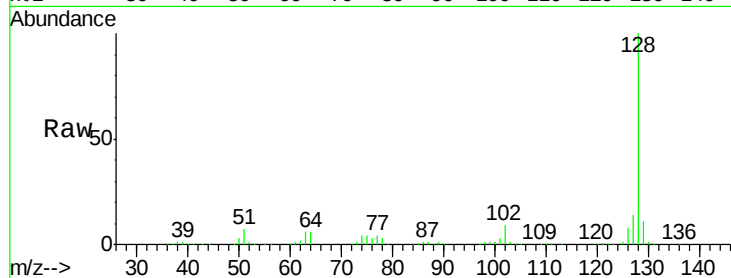
Tot Ion:128 Resp: 1164040

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

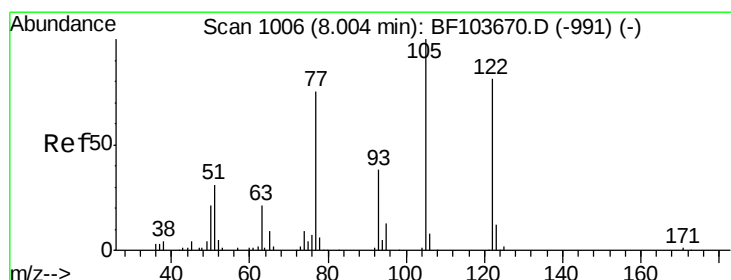
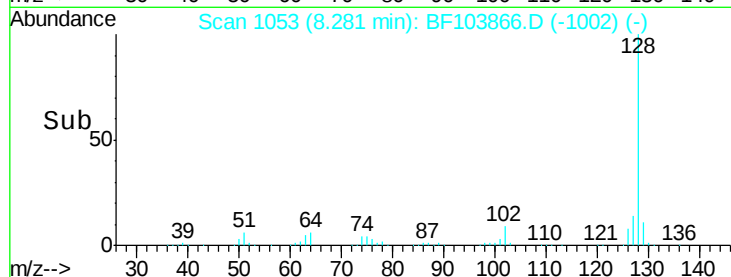
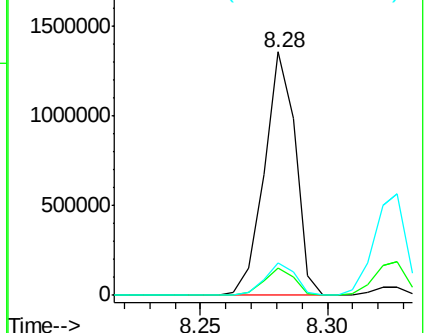
127 13.6 10.9 16.3



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: 46.333 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

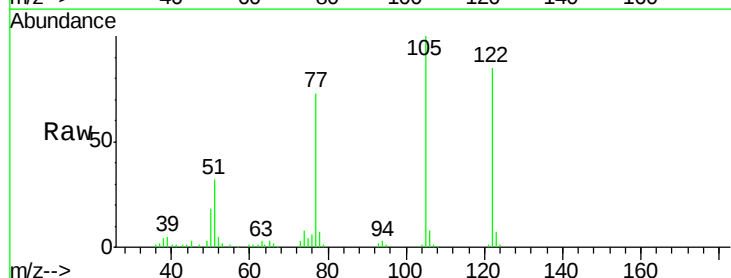
Tgt Ion:122 Resp: 281327

Ion Ratio Lower Upper

122 100

105 117.7 101.1 141.1

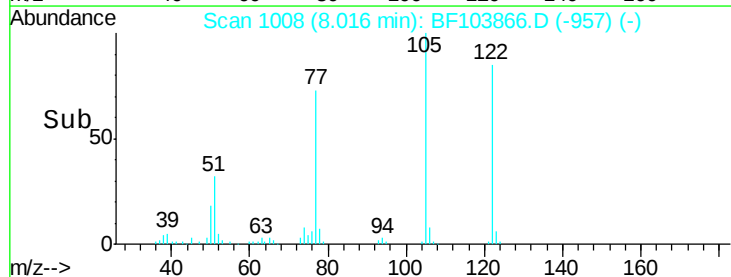
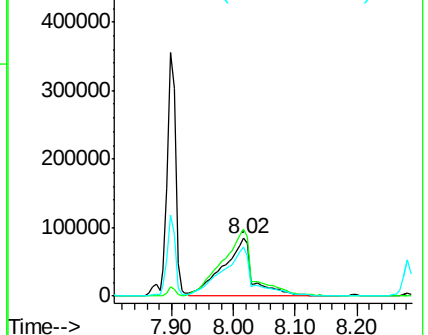
77 86.4 70.7 110.7



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

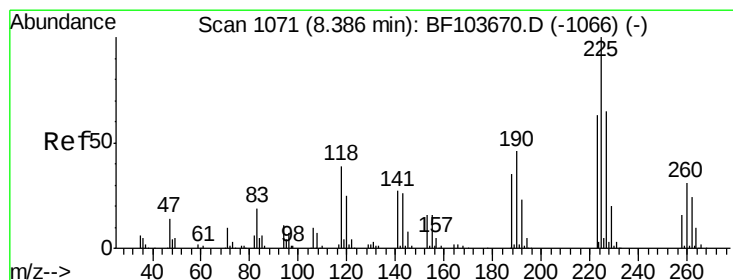
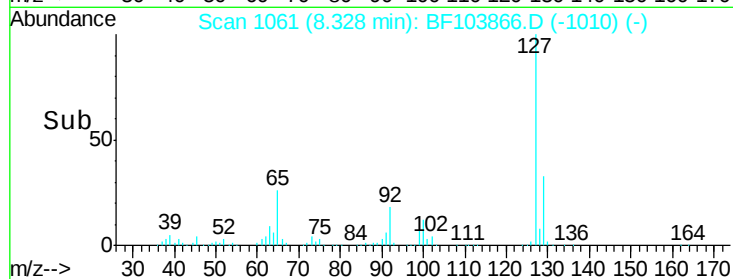
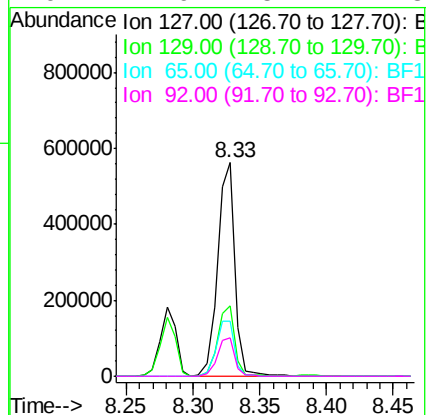
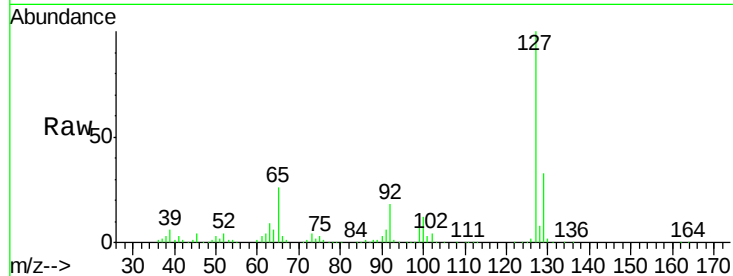




#33
4-Chloroaniline
Concen: 39.599 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

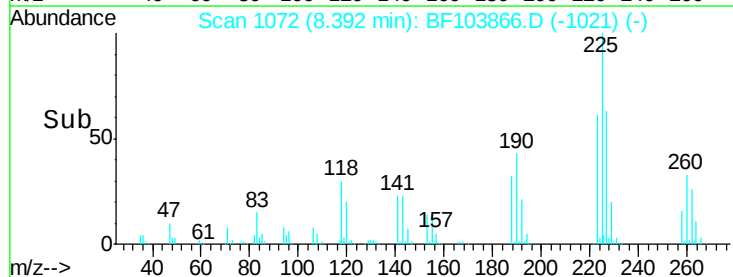
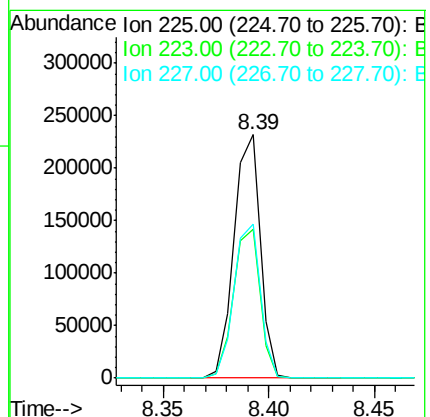
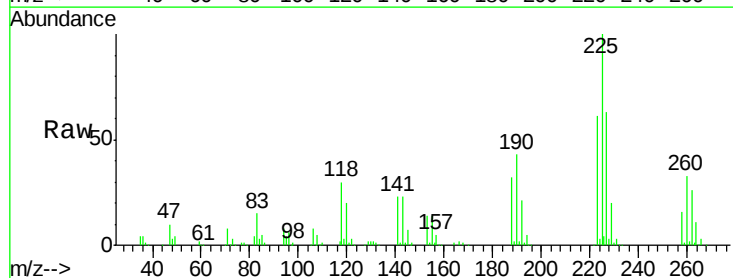
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

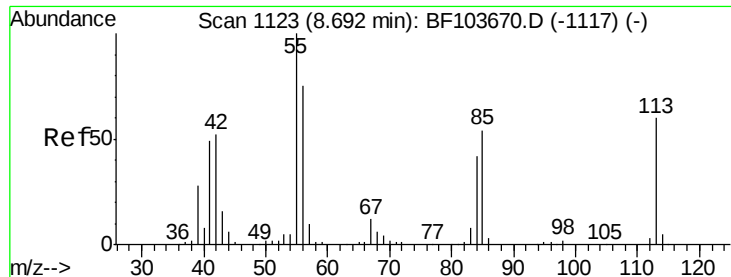
Tot Ion:	127	Resp:	512605
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	25.9	25.0	37.4
92	17.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.532 ng
RT: 8.39 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion:	225	Resp:	198674
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	76.0
227	63.0	51.9	77.9

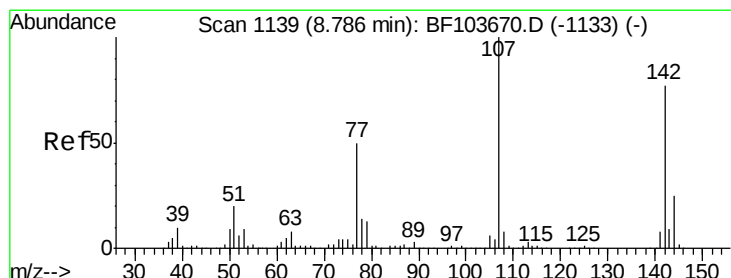
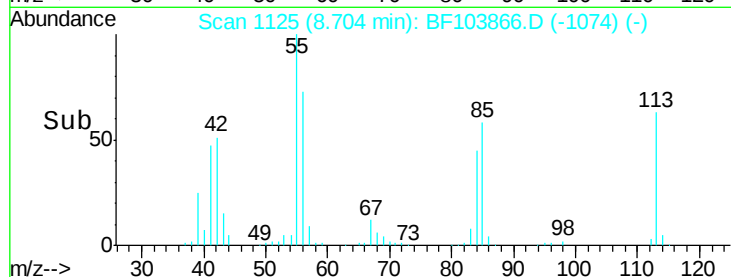
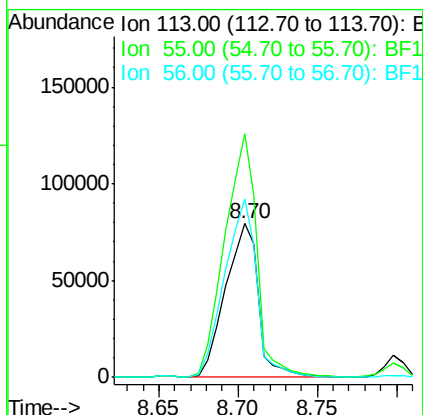
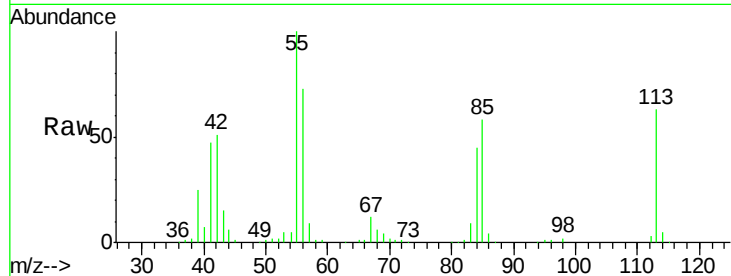




#35
 Caprolactam
 Concen: 41.821 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

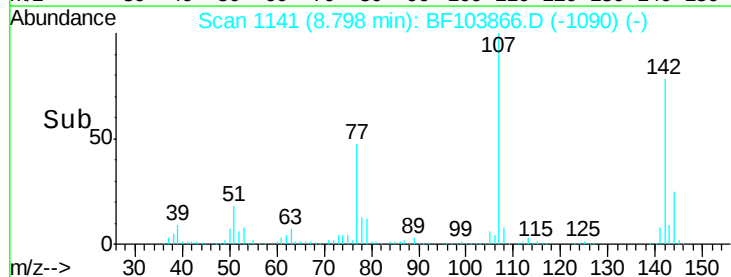
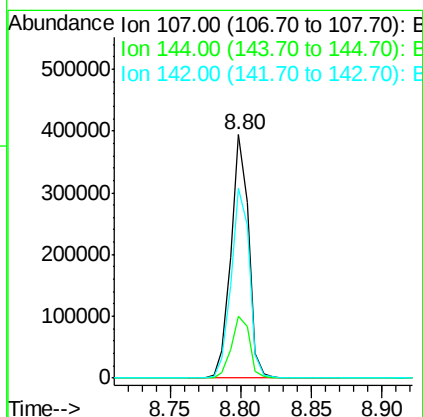
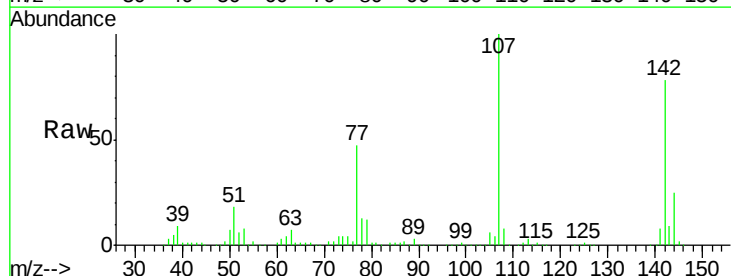
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

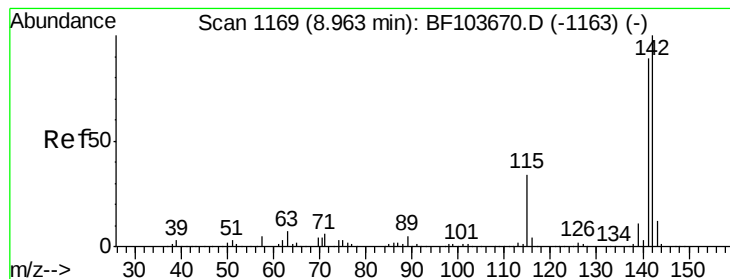
Tot Ion:113 Resp: 113808
 Ion Ratio Lower Upper
 113 100
 55 158.7 163.3 203.3#
 56 116.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.718 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Tgt Ion:107 Resp: 346040
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 78.2 62.0 93.0

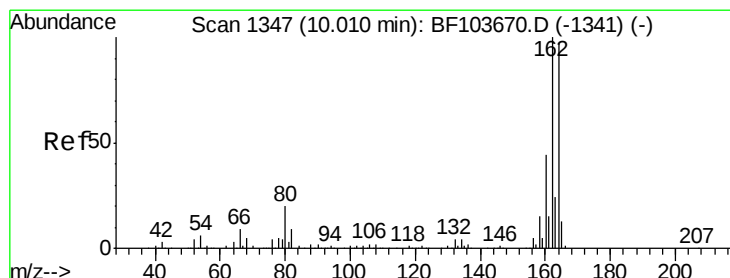
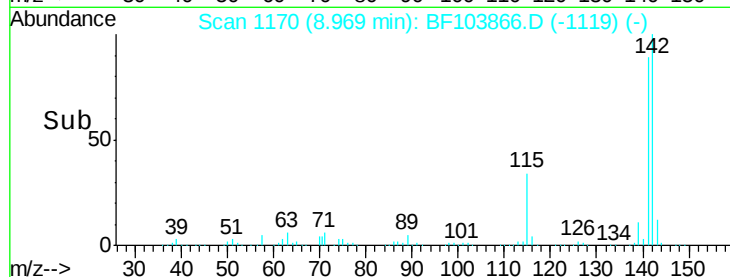
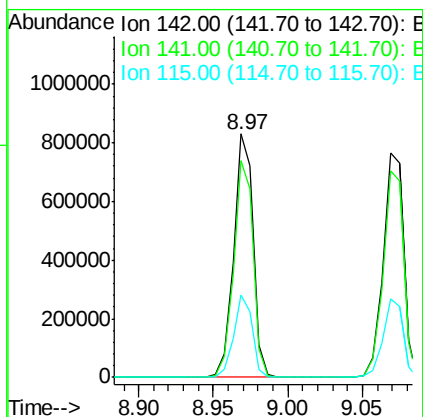
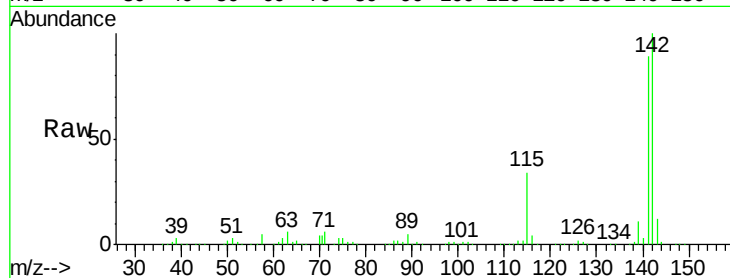




#37
2-Methylnaphthalene
Concen: 38.901 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

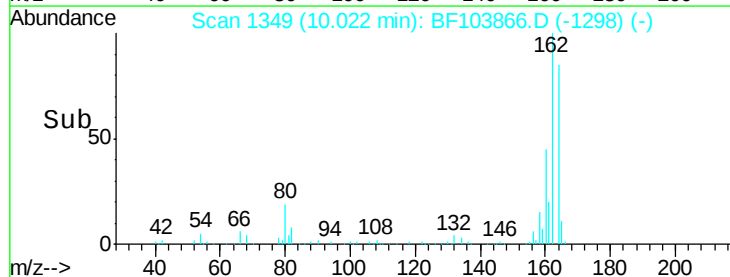
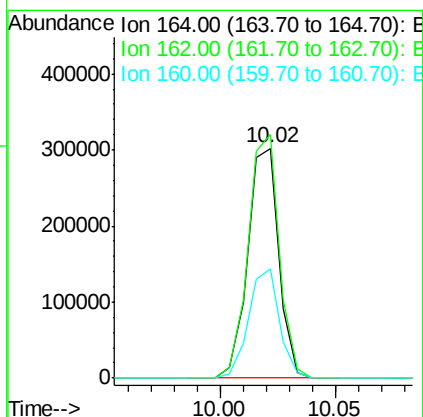
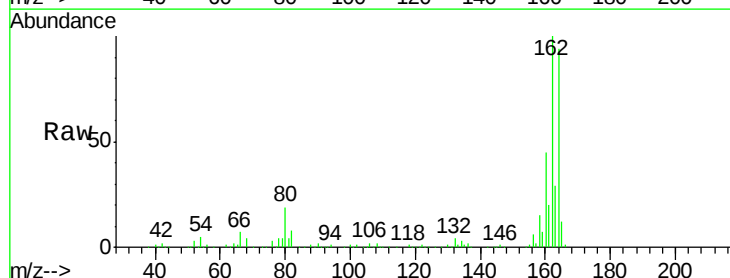
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

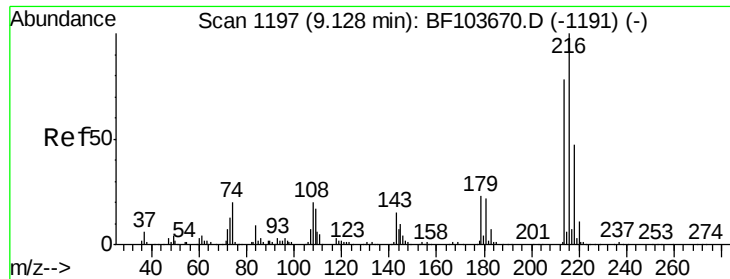
Tot Ion:142 Resp: 761186
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
115 33.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion:164 Resp: 285185
Ion Ratio Lower Upper
164 100
162 105.8 86.1 129.1
160 47.4 38.3 57.5

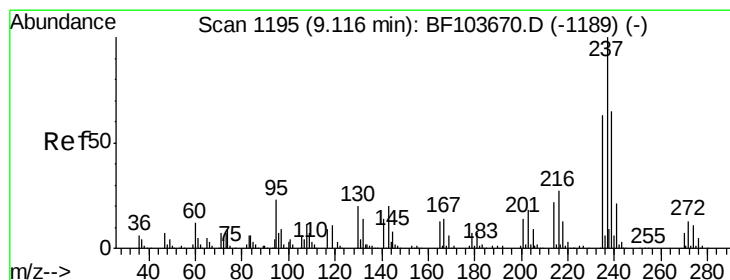
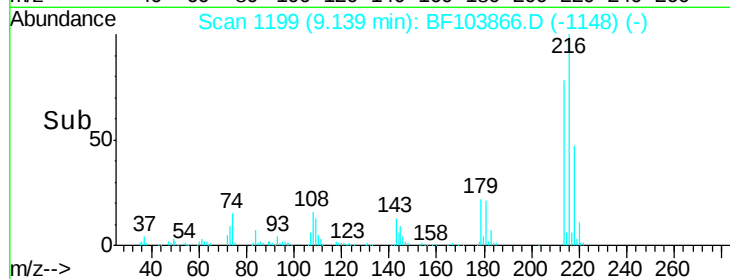
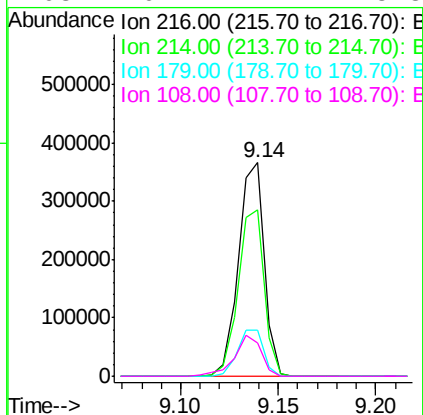
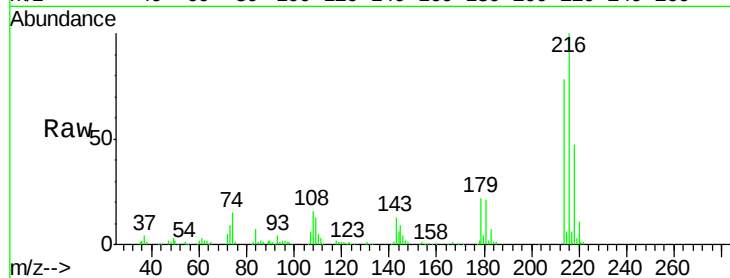




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.270 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

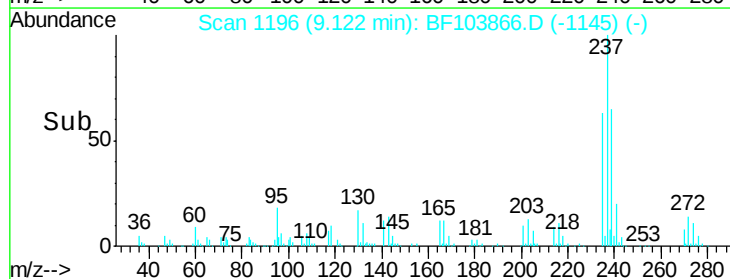
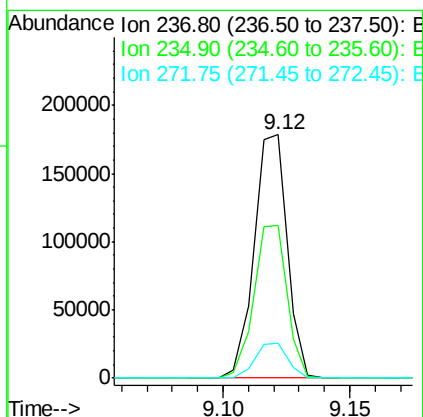
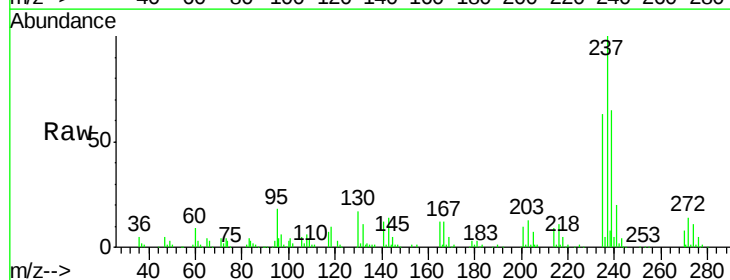
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216	Resp:	335774
Ion	Ratio	Lower Upper
216	100	
214	78.5	63.0 94.4
179	22.4	18.1 27.1
108	20.1	17.2 25.8



#40
 Hexachlorocyclopentadiene
 Concen: 38.931 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Tgt Ion:237	Resp:	163439
Ion	Ratio	Lower Upper
237	100	
235	62.8	44.8 84.8
272	14.2	0.0 33.3

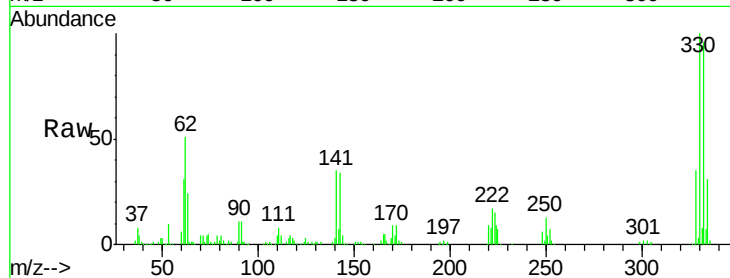




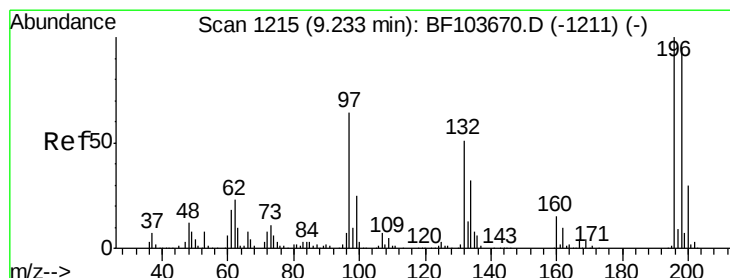
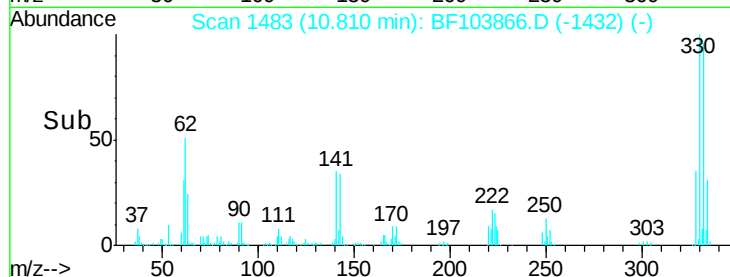
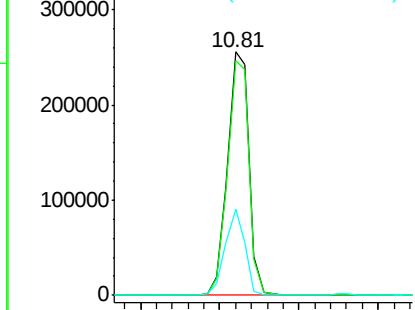
#41
 2,4,6-Tribromophenol
 Concen: 97.650 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 239442
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 32.7 29.9 44.9

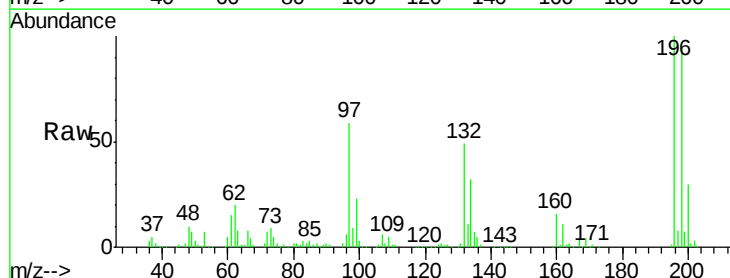


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

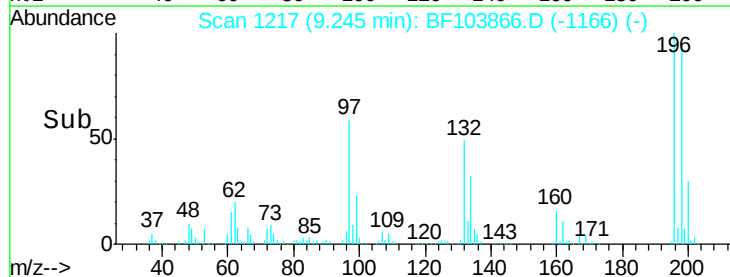
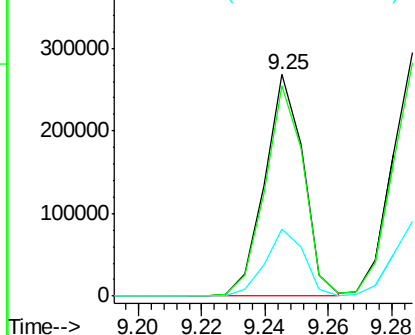


#42
 2,4,6-Trichlorophenol
 Concen: 43.717 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Tgt Ion:196 Resp: 227504
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 200 30.3 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

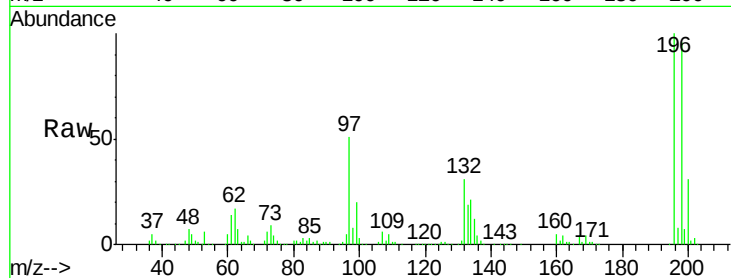




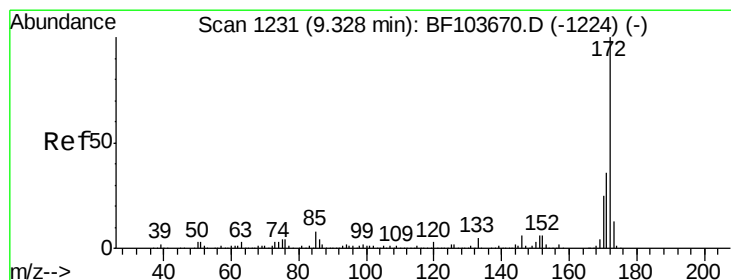
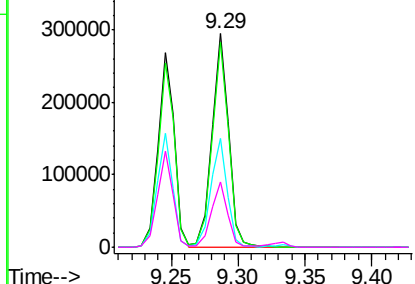
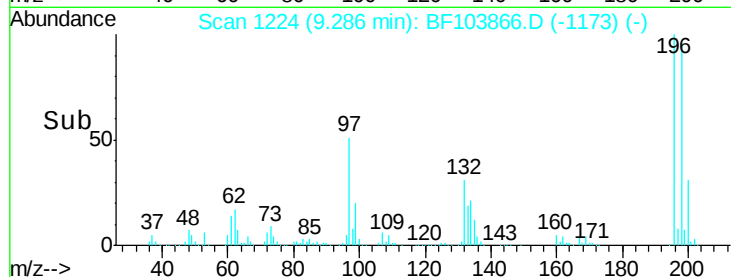
#43
 2,4,5-Trichlorophenol
 Concen: 44.235 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 259823
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.6 112.0
 97 51.1 42.9 64.3
 132 30.7 26.3 39.5

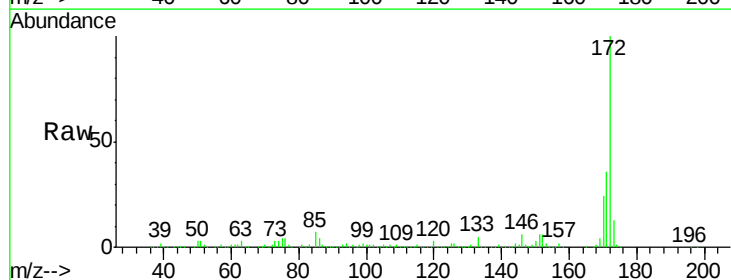


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

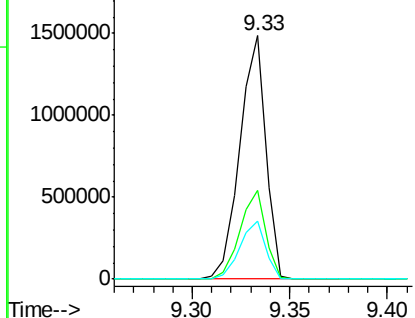
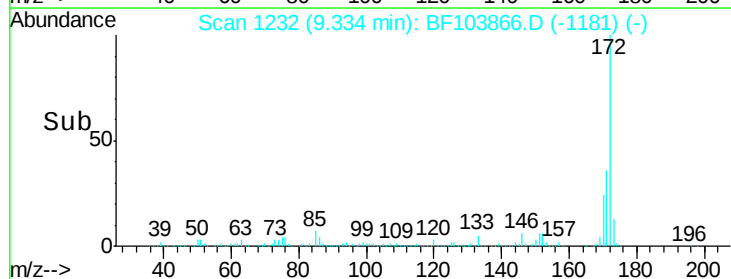


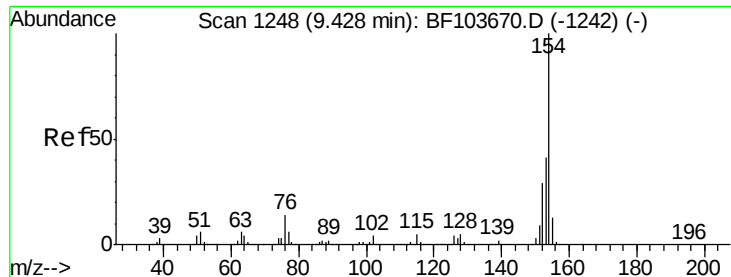
#44
 2-Fluorobiphenyl
 Concen: 76.570 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Tgt Ion:172 Resp: 1368938
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.8 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: 38.979 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

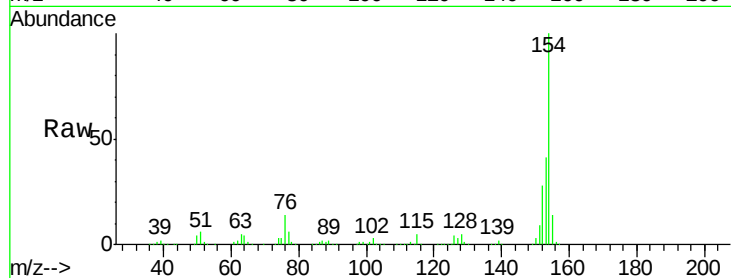
Tot Ion:154 Resp: 926927

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

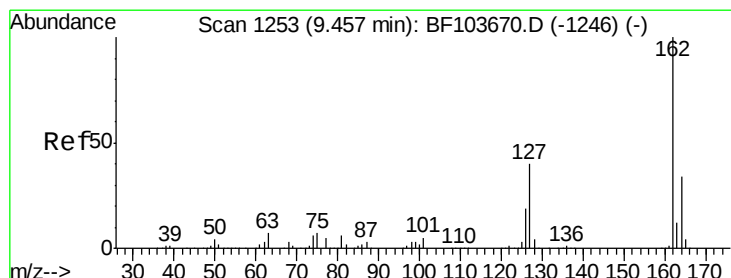
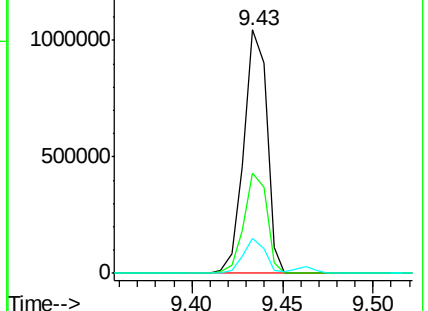
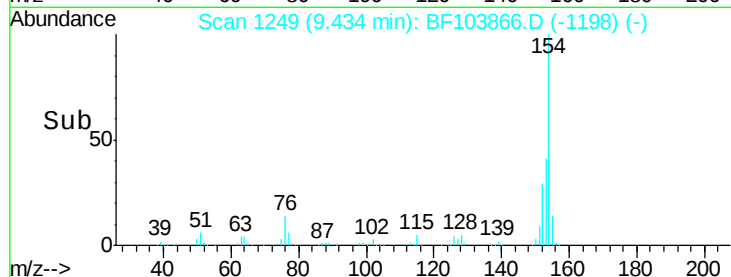
76 14.3 0.0 34.0



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: 38.990 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

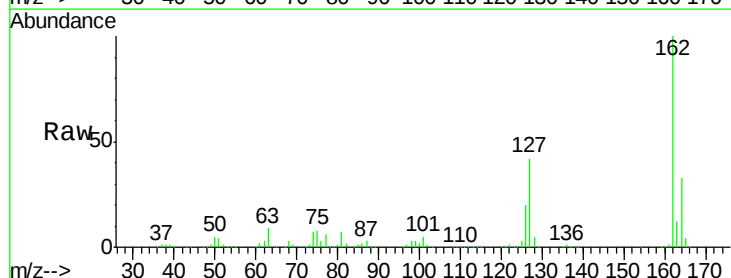
Tgt Ion:162 Resp: 736428

Ion Ratio Lower Upper

162 100

127 41.5 33.9 50.9

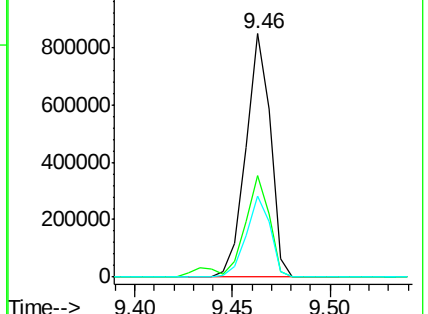
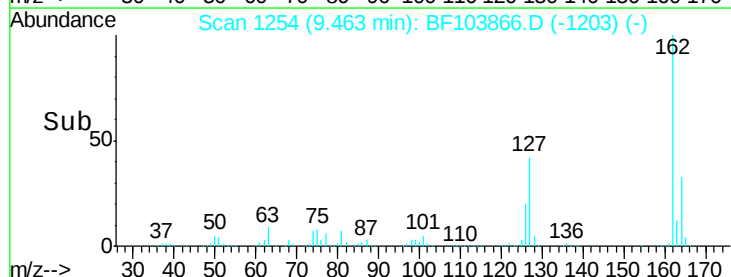
164 33.1 26.5 39.7



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

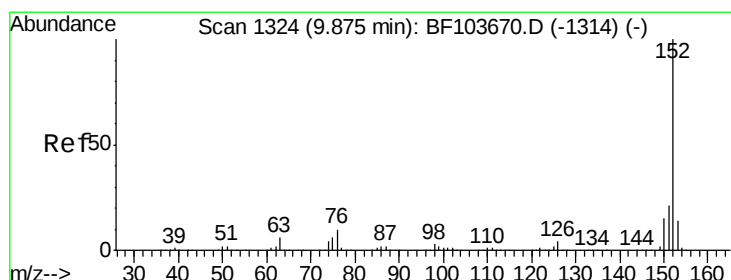
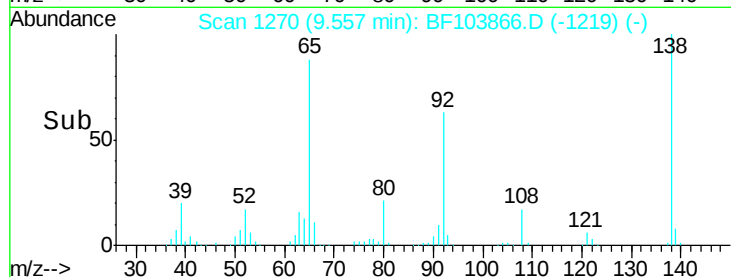
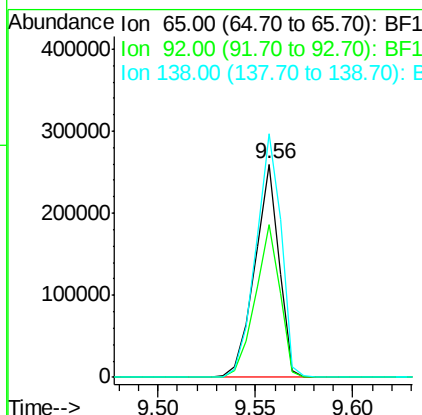
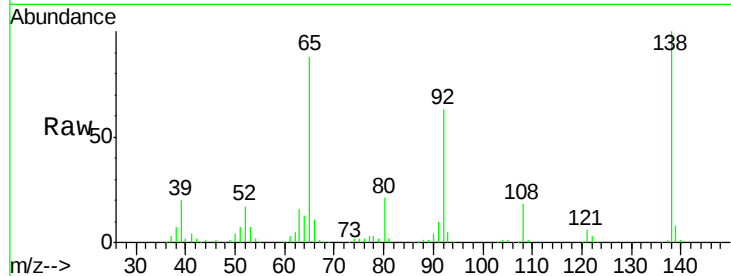




#47
2-Nitroaniline
Concen: 45.680 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

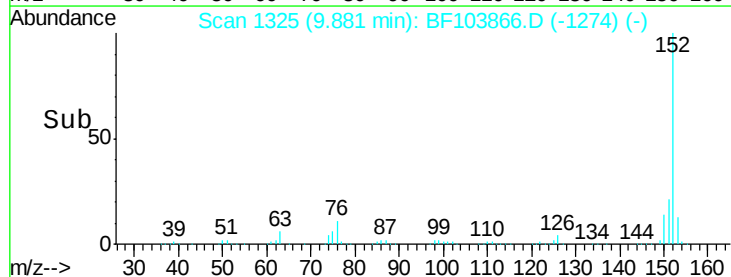
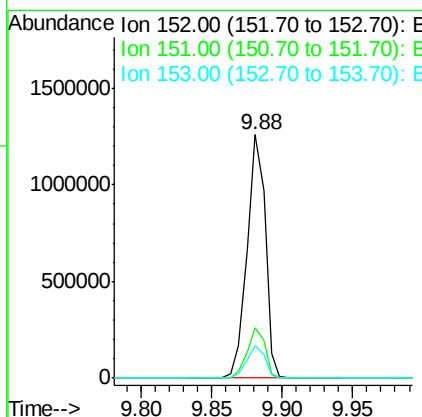
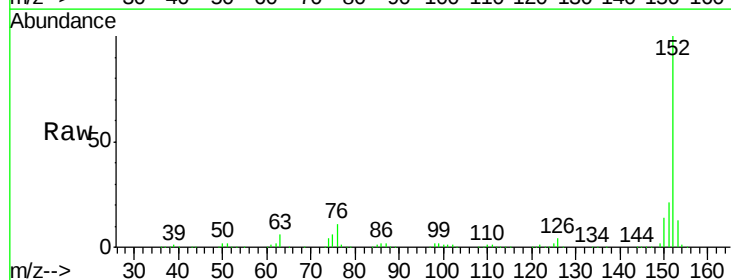
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

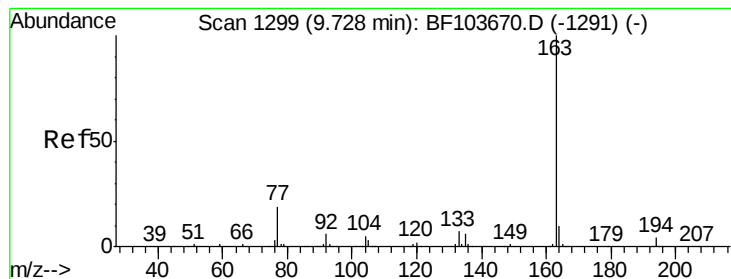
Tot Ion: 65 Resp: 223811
Ion Ratio Lower Upper
65 100
92 71.8 55.8 83.6
138 114.1 91.2 136.8



#48
Acenaphthylene
Concen: 38.922 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion: 152 Resp: 1139997
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 40.392 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

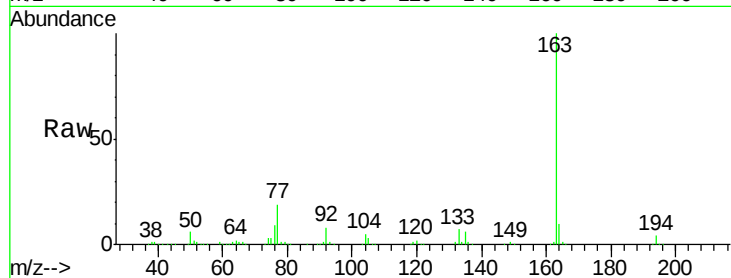
Tot Ion:163 Resp: 878849

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

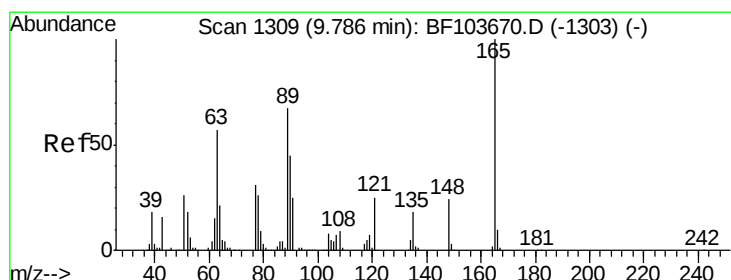
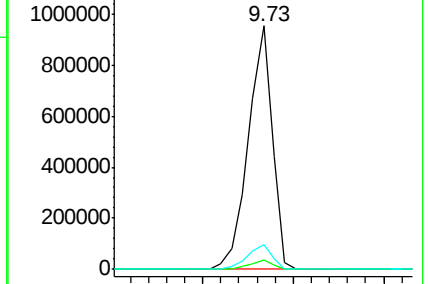
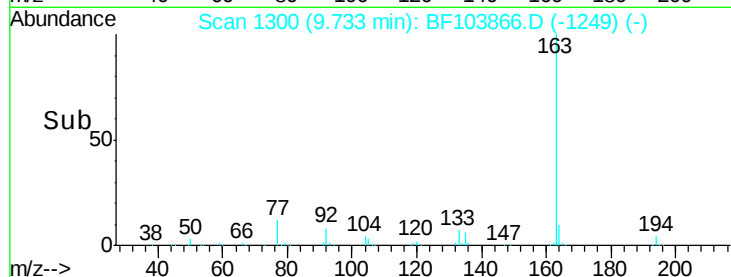
164 10.0 8.2 12.2



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: 46.790 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

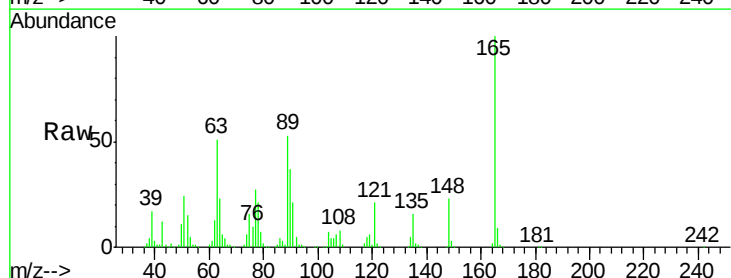
Tgt Ion:165 Resp: 196480

Ion Ratio Lower Upper

165 100

63 50.8 44.7 67.1

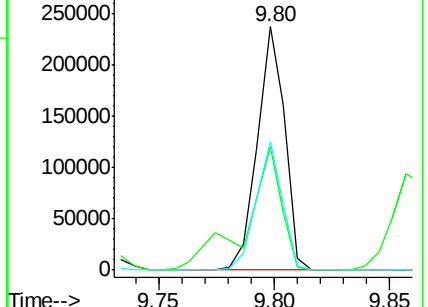
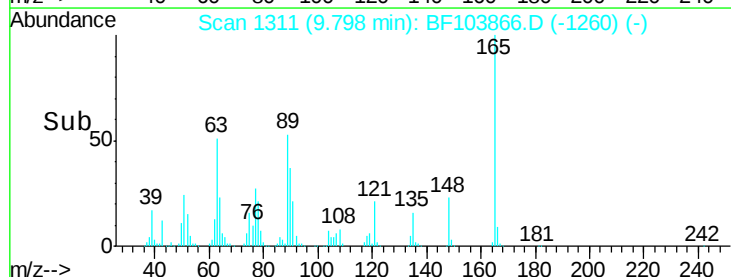
89 52.6 44.0 66.0

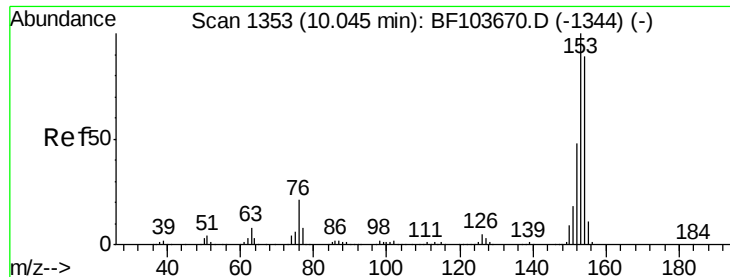


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.765 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

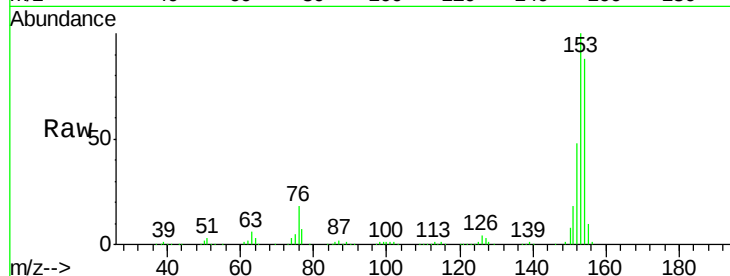
Tot Ion:154 Resp: 708944

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

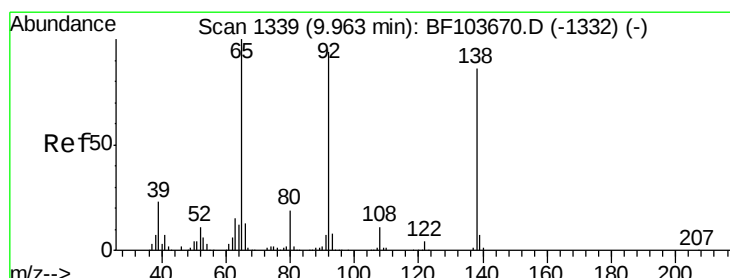
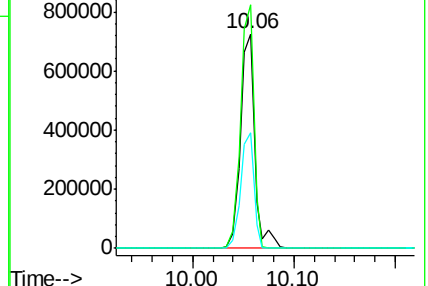
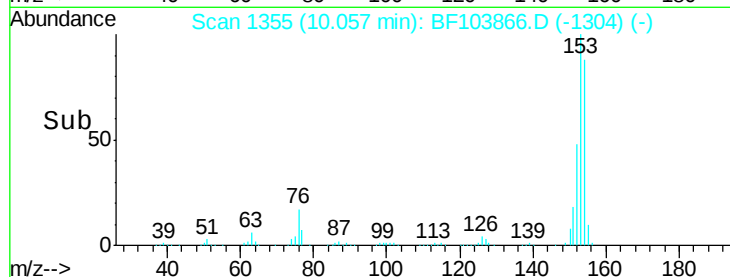
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.639 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

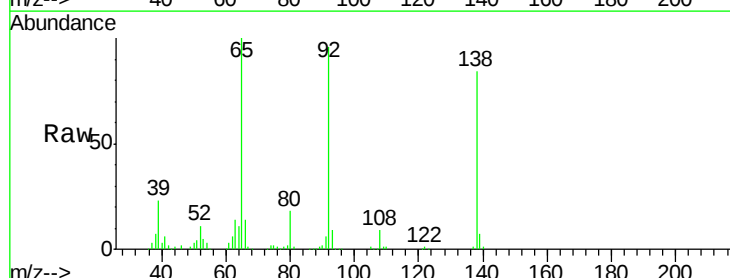
Tgt Ion:138 Resp: 229197

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

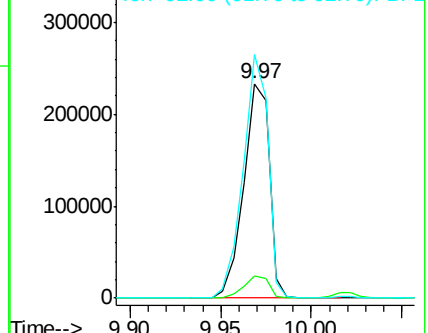
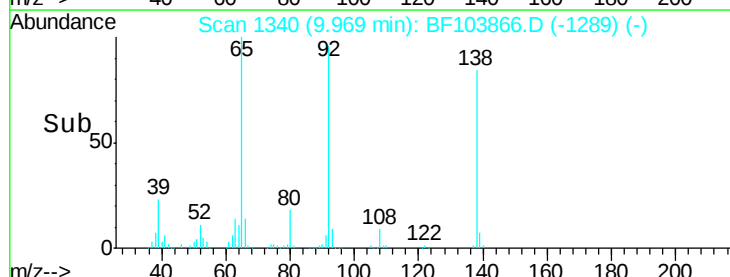
92 113.6 89.4 134.2

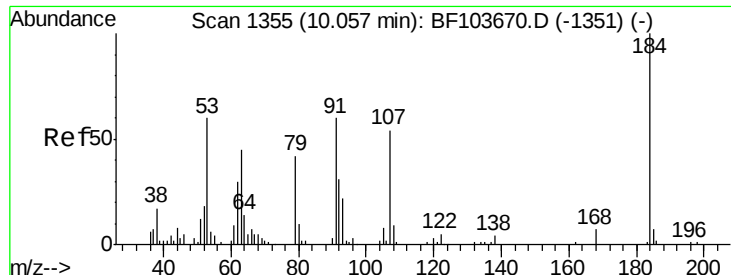


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

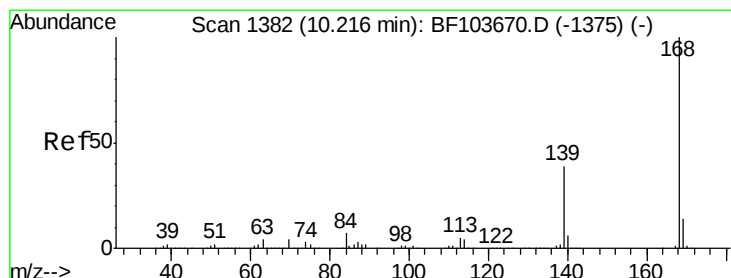
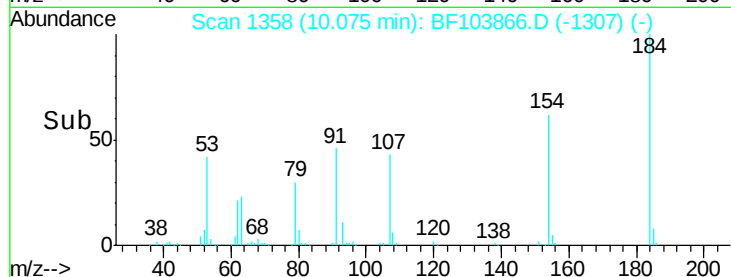
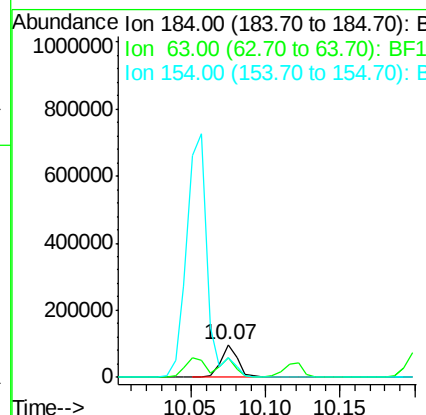
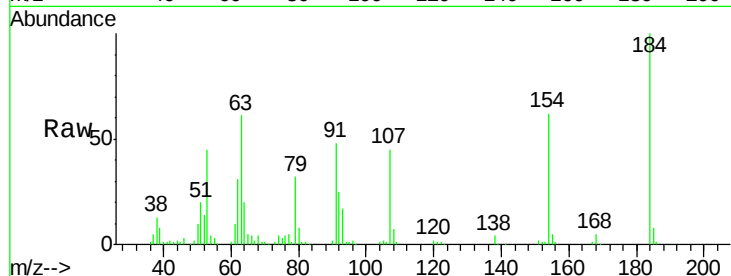




#53
2,4-Dinitrophenol
Concen: 67.551 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

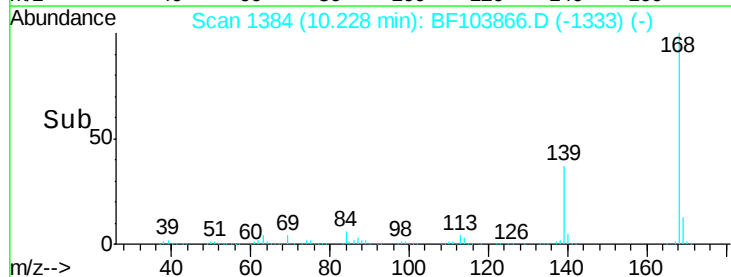
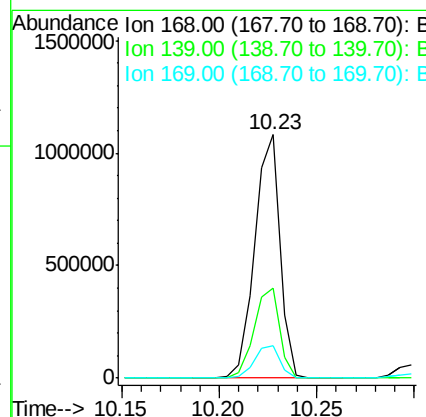
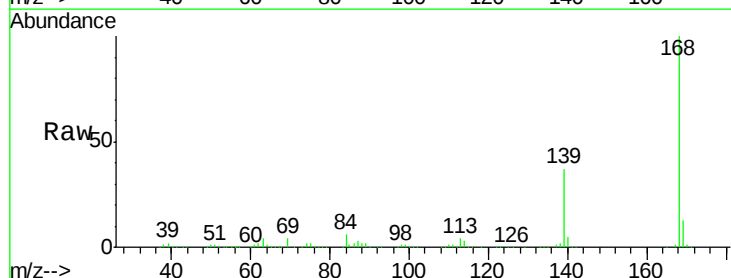
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

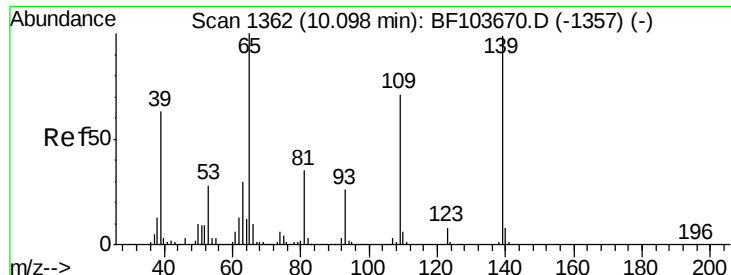
Tot Ion:184 Resp: 77337
Ion Ratio Lower Upper
184 100
63 60.9 54.2 81.2
154 62.1 184.0 276.0#



#54
Dibenzofuran
Concen: 38.923 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion:168 Resp: 966769
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1
169 13.4 10.9 16.3

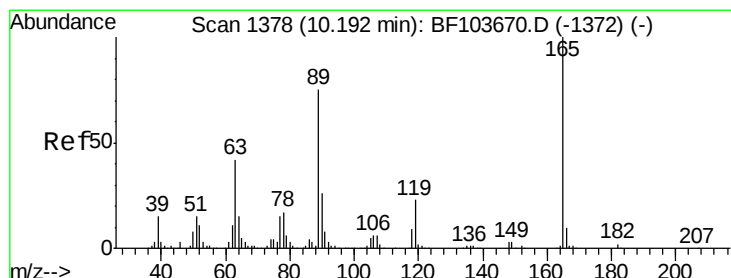
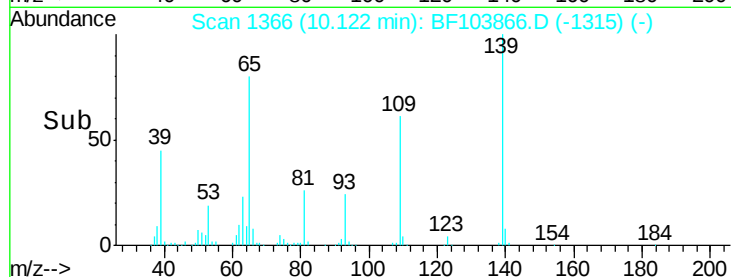
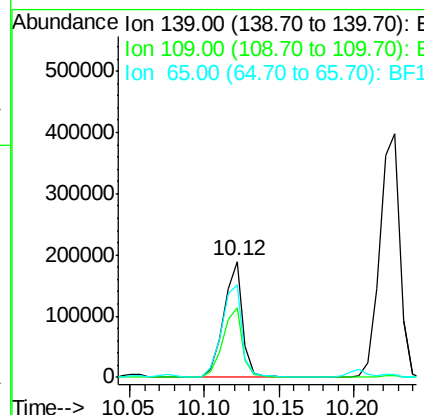
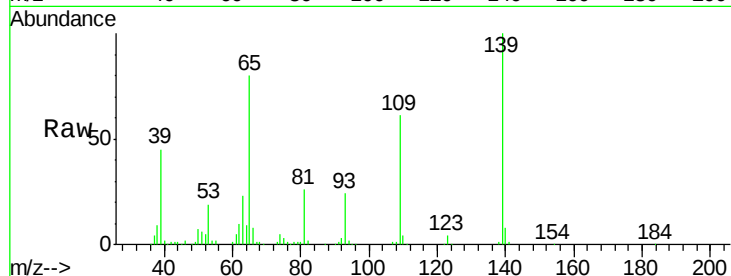




#55
4-Nitrophenol
Concen: 44.841 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

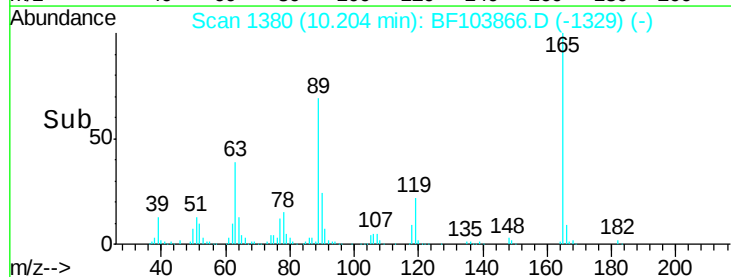
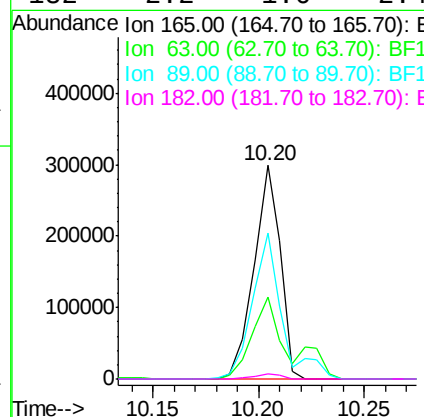
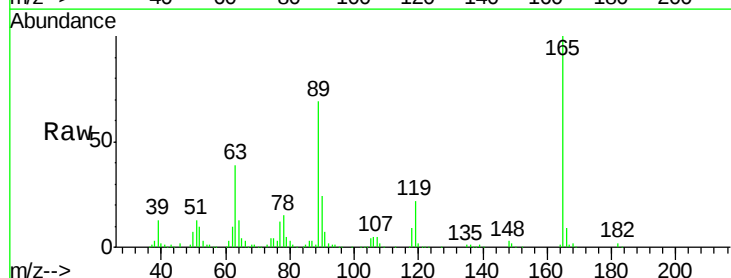
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

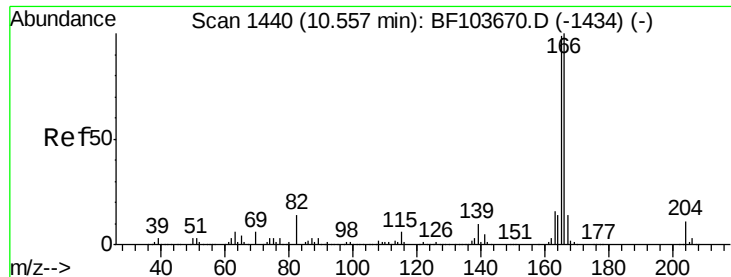
Tot Ion:139 Resp: 169350
Ion Ratio Lower Upper
139 100
109 60.7 48.4 88.4
65 80.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 48.551 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion:165 Resp: 259329
Ion Ratio Lower Upper
165 100
63 38.6 36.4 54.6
89 68.5 57.8 86.6
182 2.2 1.6 2.4

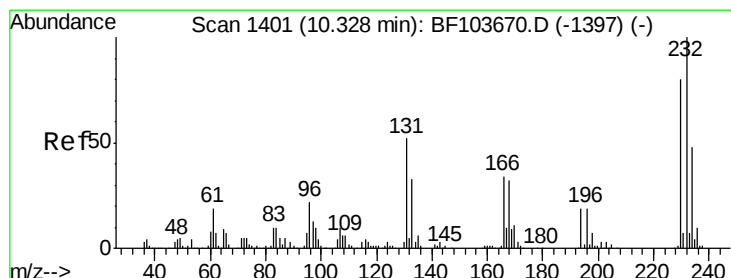
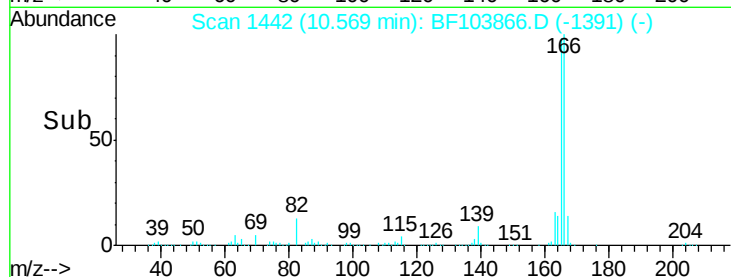
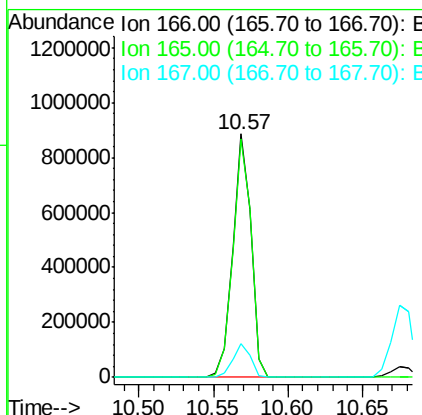
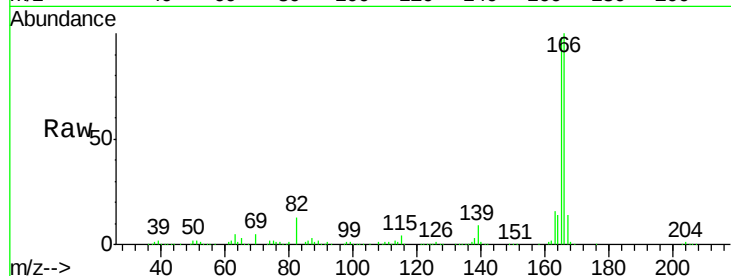




#57
 Fluorene
 Concen: 39.731 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

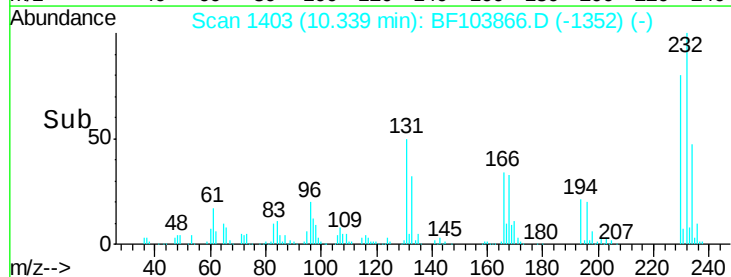
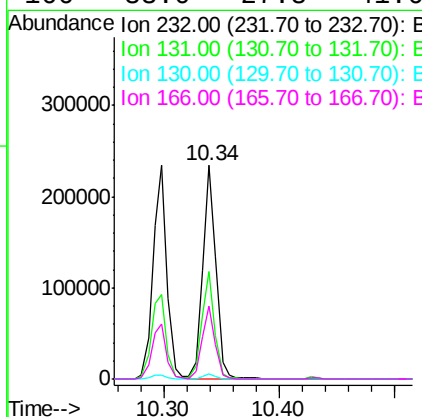
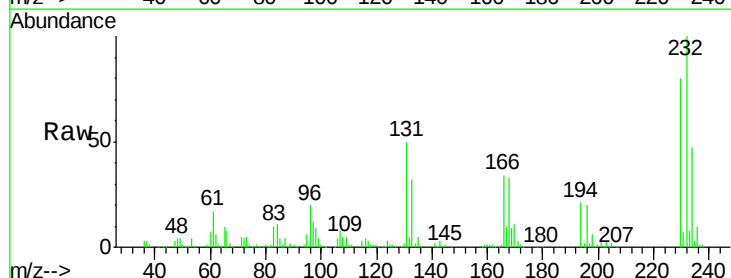
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

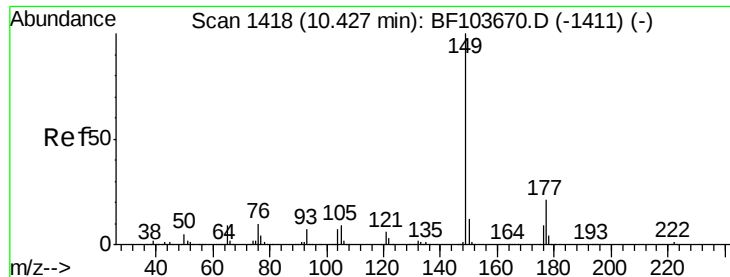
Tot Ion:166 Resp: 765759
 Ion Ratio Lower Upper
 166 100
 165 97.9 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.742 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Tgt Ion:232 Resp: 190376
 Ion Ratio Lower Upper
 232 100
 131 48.4 43.8 65.8
 130 2.3 2.1 3.1
 166 33.0 27.8 41.6





#59

Diethylphthalate

Concen: 38.588 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

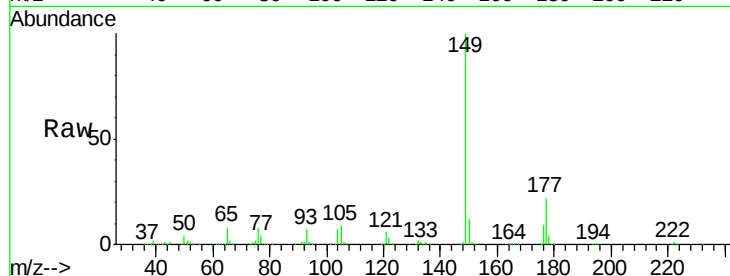
Tot Ion:149 Resp: 833322

Ion Ratio Lower Upper

149 100

177 21.9 16.1 24.1

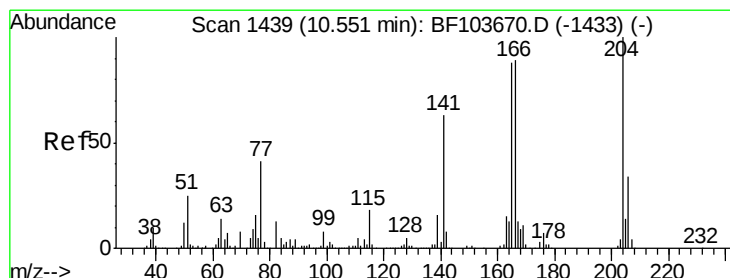
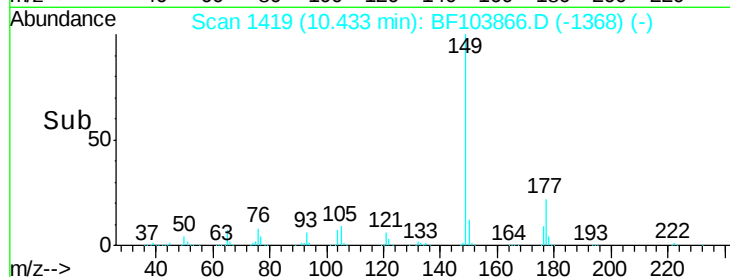
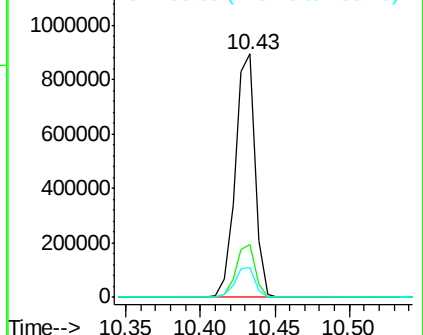
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.272 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

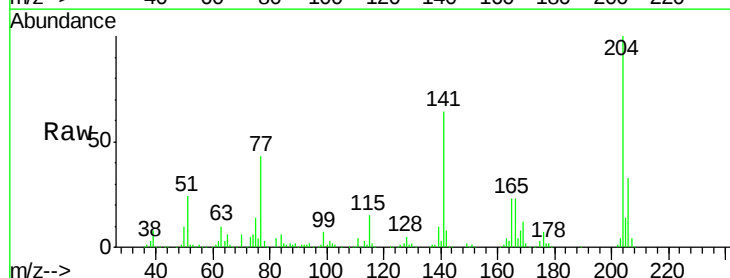
Tgt Ion:204 Resp: 354728

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

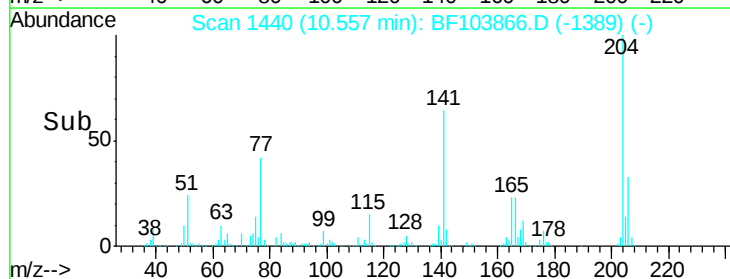
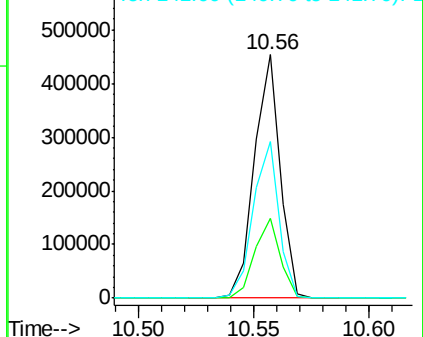
141 64.3 54.6 81.8

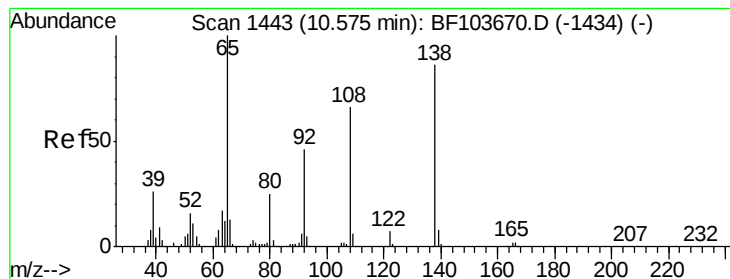


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.750 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

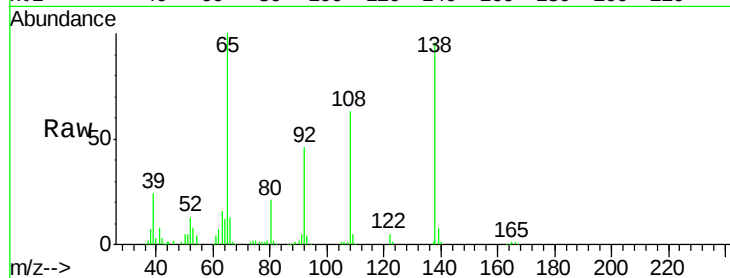
Tot Ion:138 Resp: 226457

Ion Ratio Lower Upper

138 100

92 47.6 30.2 70.2

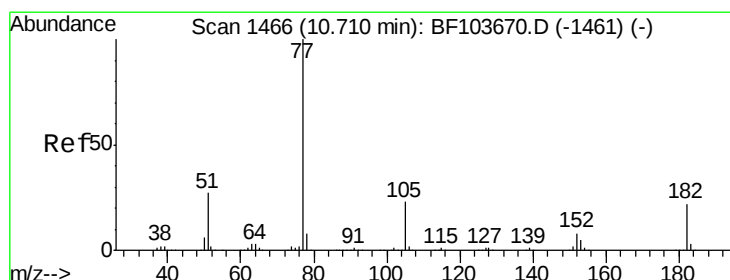
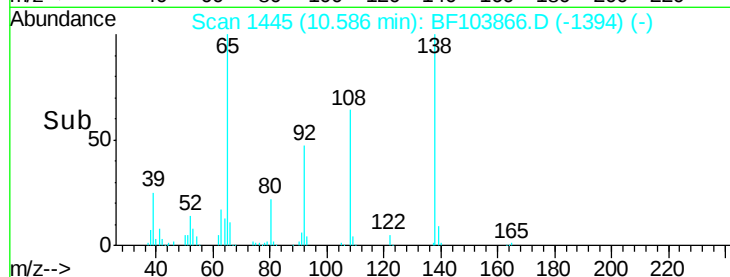
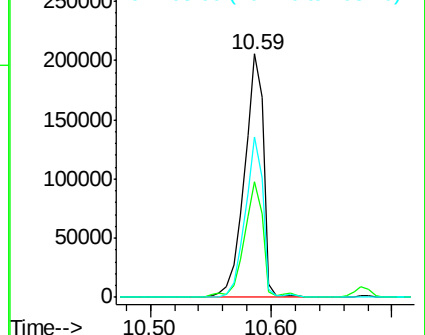
108 65.7 52.5 92.5



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: 35.564 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Tgt Ion: 77 Resp: 780823

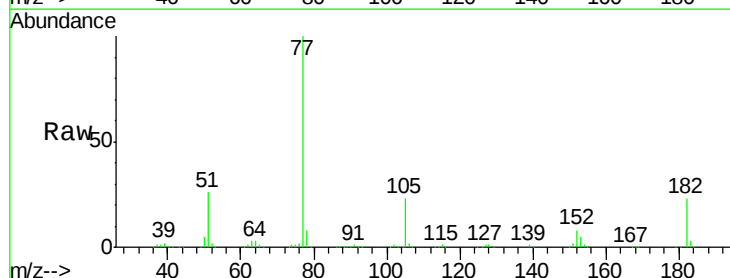
Ion Ratio Lower Upper

77 100

182 22.7 1.7 41.7

105 23.3 3.0 43.0

51 25.7 9.9 49.9

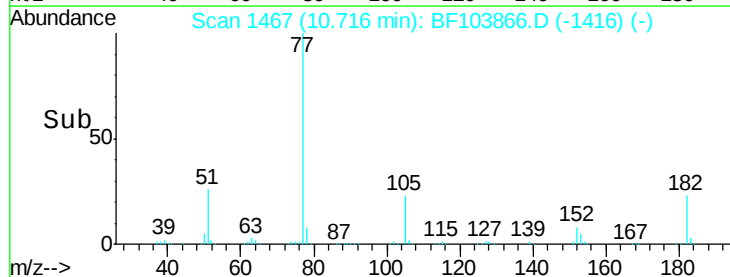
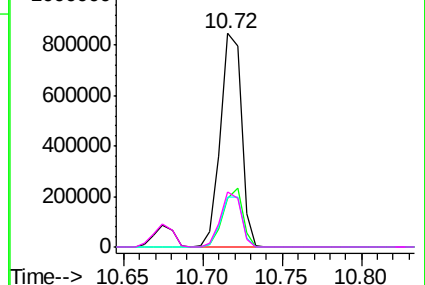


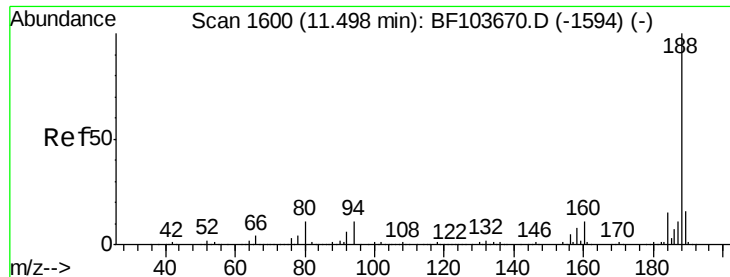
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

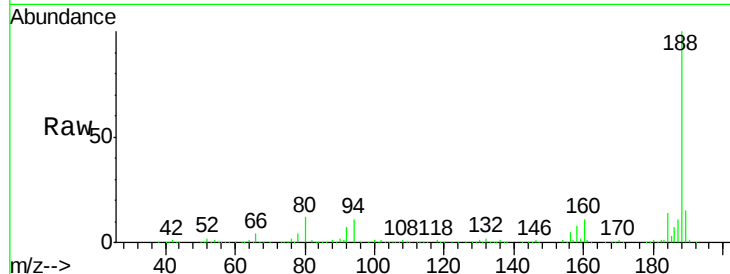




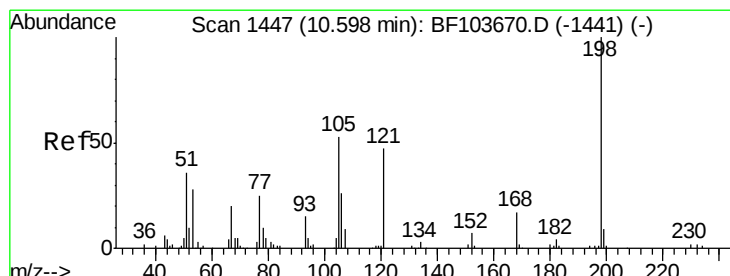
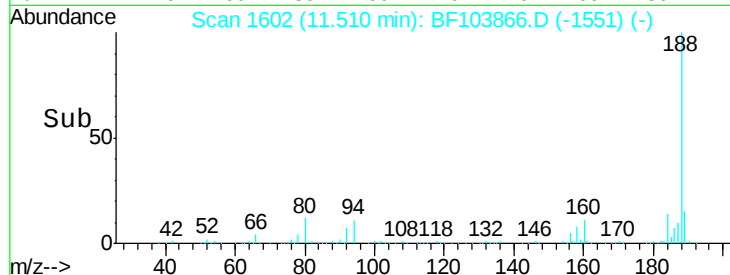
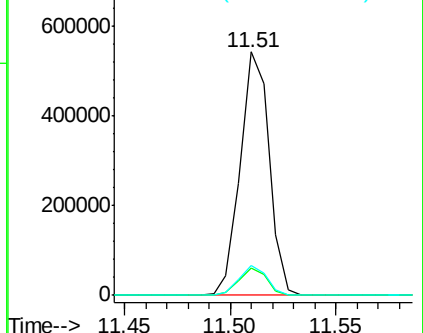
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 516365
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.2 9.2 13.8

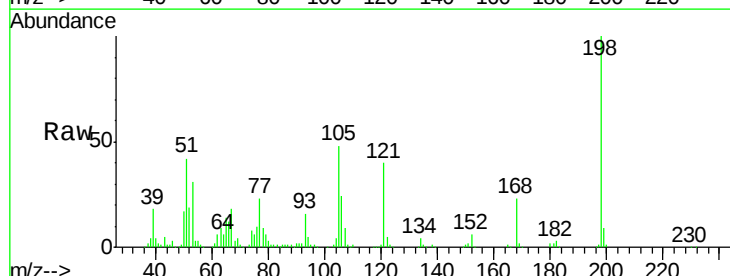


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

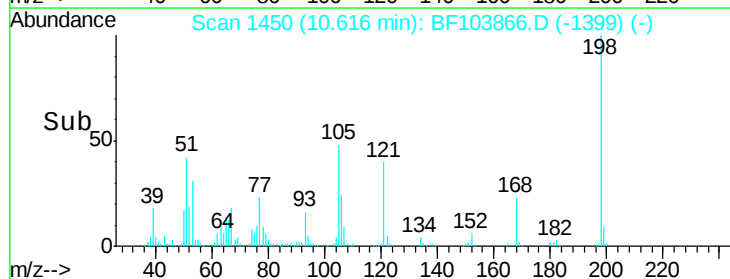
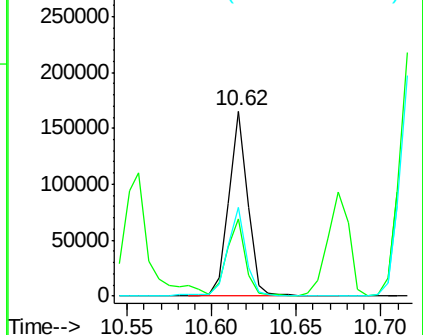


#64
4,6-Dinitro-2-methylphenol
Concen: 59.973 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion:198 Resp: 127409
Ion Ratio Lower Upper
198 100
51 41.6 37.7 77.7
105 47.8 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: 39.097 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

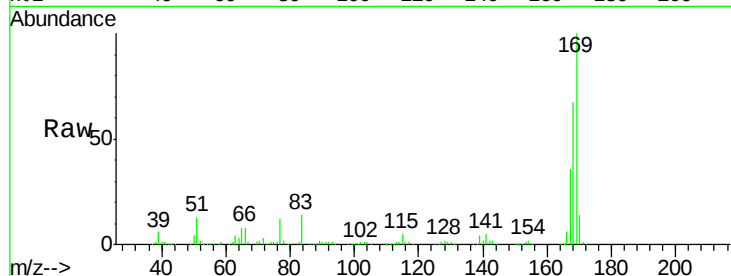
Tot Ion:169 Resp: 687166

Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.4	81.6
167	36.3	29.8	44.6

169 100

168 67.0 54.4 81.6

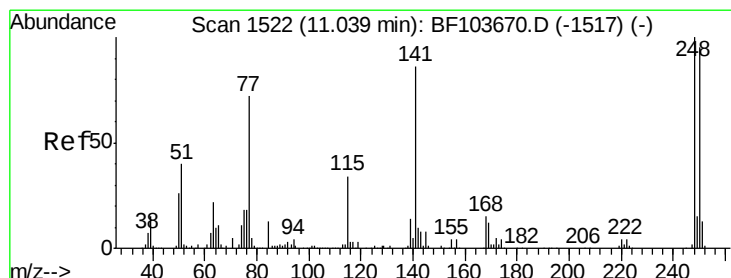
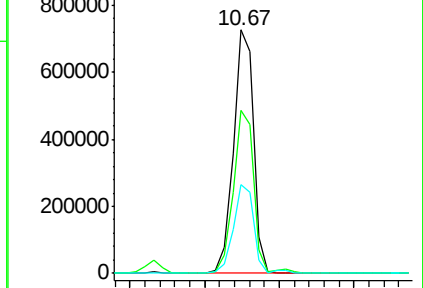
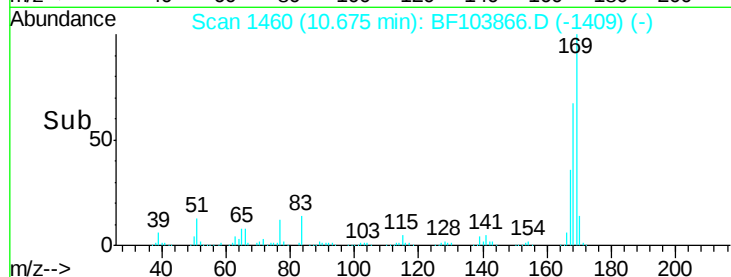
167 36.3 29.8 44.6



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: 40.998 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

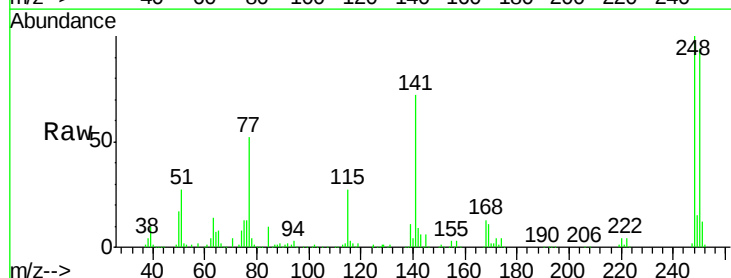
Tgt Ion:248 Resp: 217357

Ion	Ratio	Lower	Upper
248	100		
250	94.2	76.9	115.3
141	72.0	74.4	111.6#

248 100

250 94.2 76.9 115.3

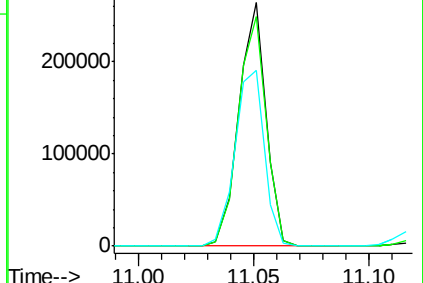
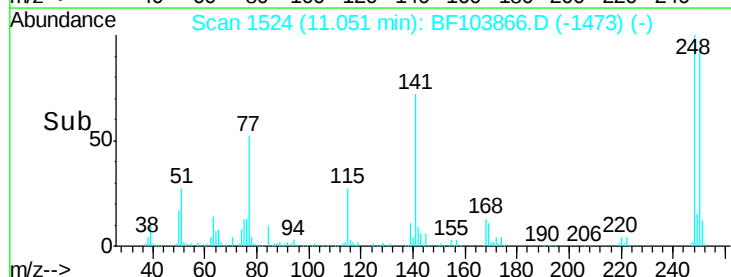
141 72.0 74.4 111.6#

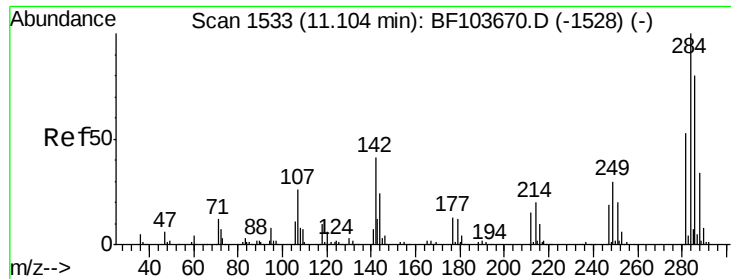


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

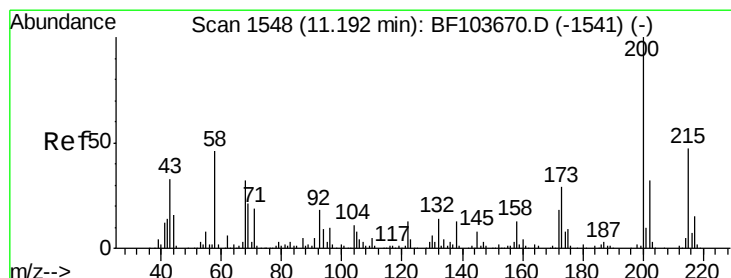
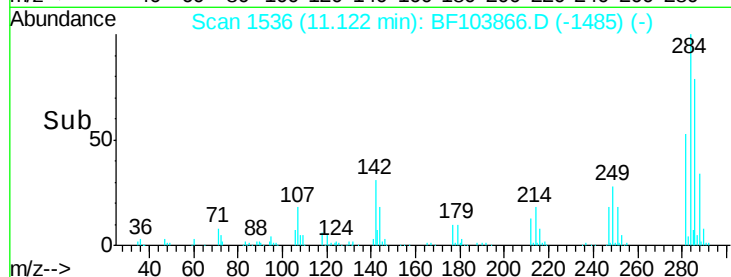
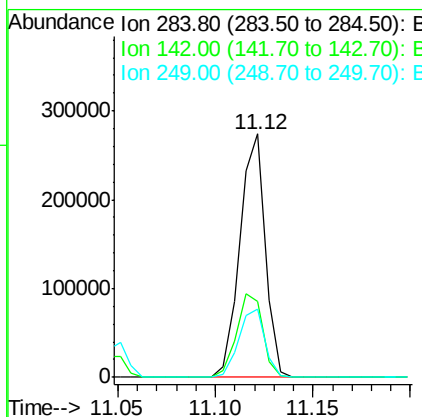
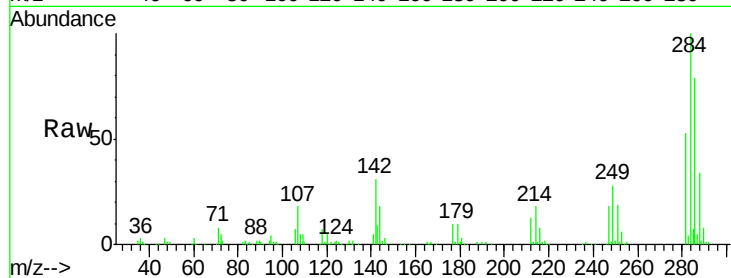




#67
Hexachlorobenzene
Concen: 40.850 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

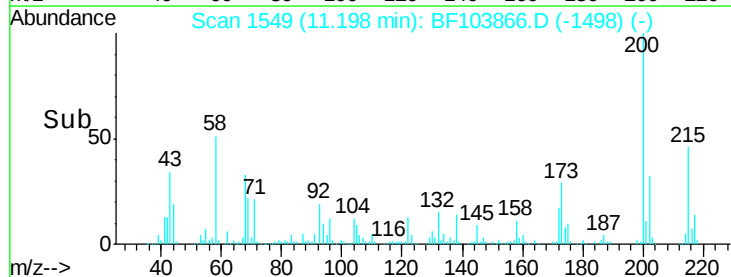
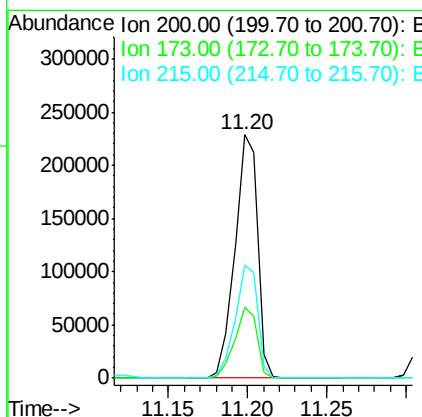
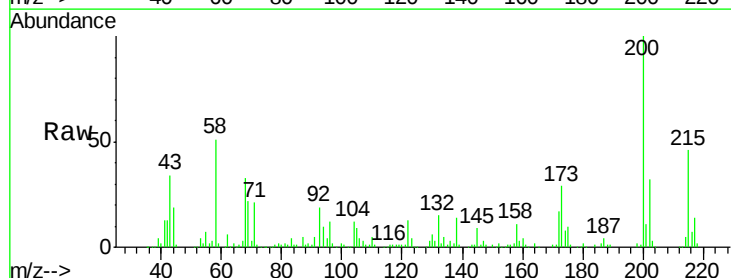
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 247188
Ion Ratio Lower Upper
284 100
142 31.4 34.6 52.0#
249 28.1 24.8 37.2



#68
Atrazine
Concen: 41.592 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion:200 Resp: 226136
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 46.4 25.1 65.1

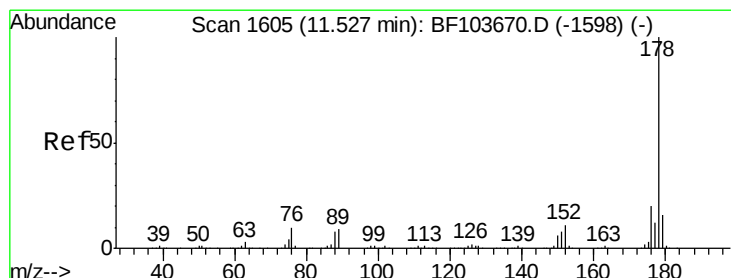
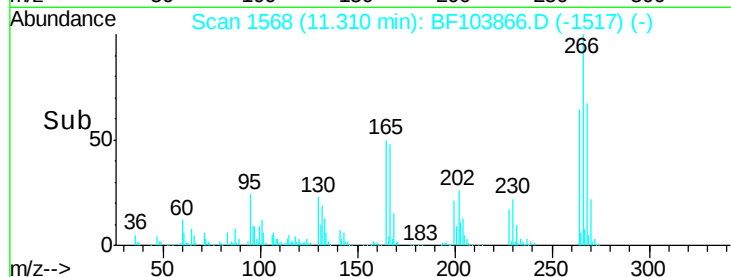
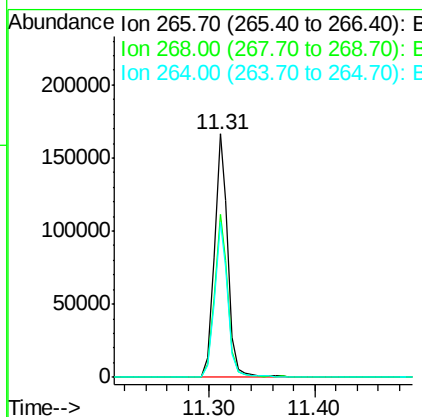
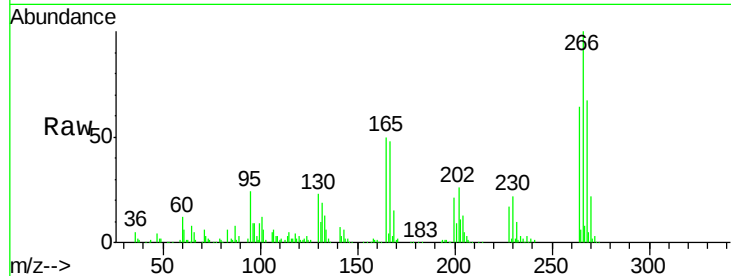




#69
 Pentachlorophenol
 Concen: 43.701 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

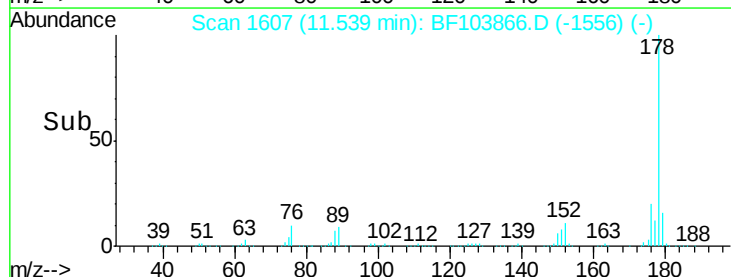
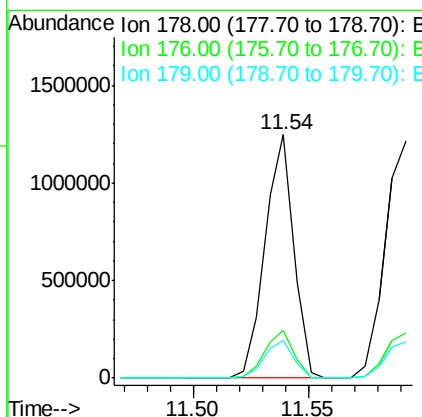
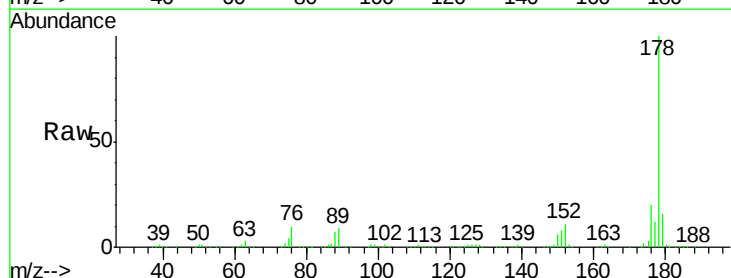
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

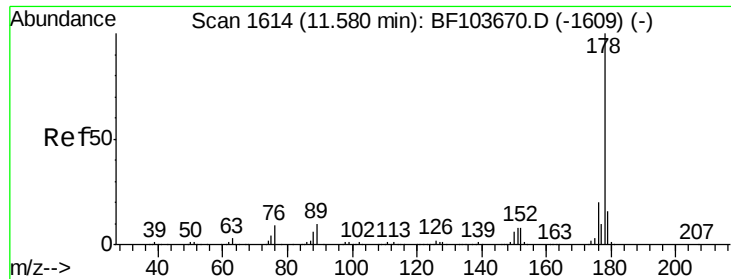
Tot Ion:266 Resp: 152027
 Ion Ratio Lower Upper
 266 100
 268 67.1 51.1 76.7
 264 63.6 49.5 74.3



#70
 Phenanthrene
 Concen: 38.165 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Tgt Ion:178 Resp: 1078024
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.6 13.0 19.6

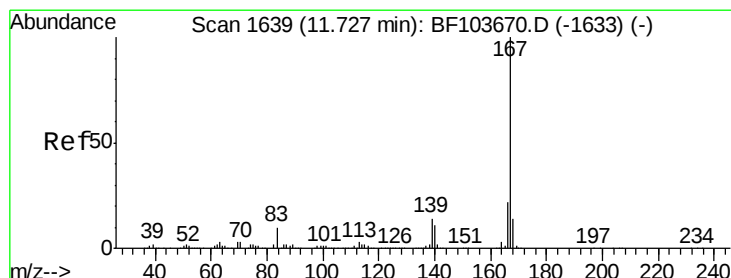
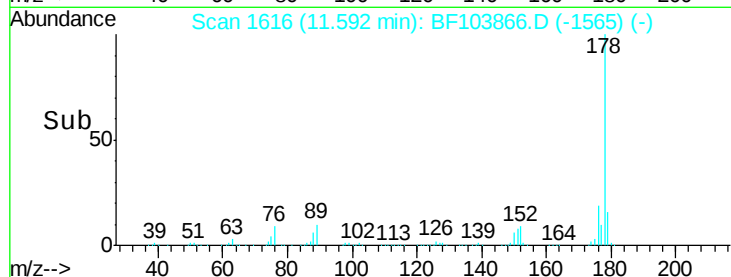
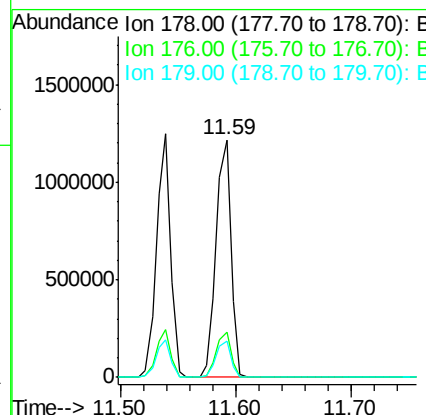
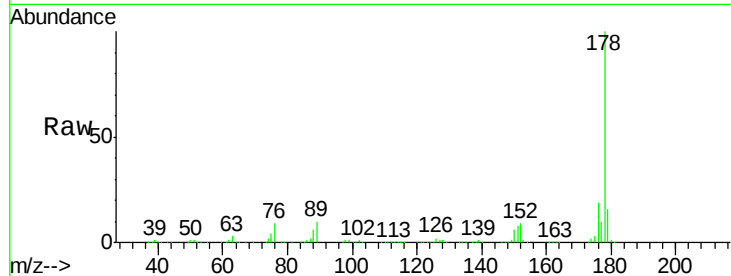




#71
 Anthracene
 Concen: 38.508 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

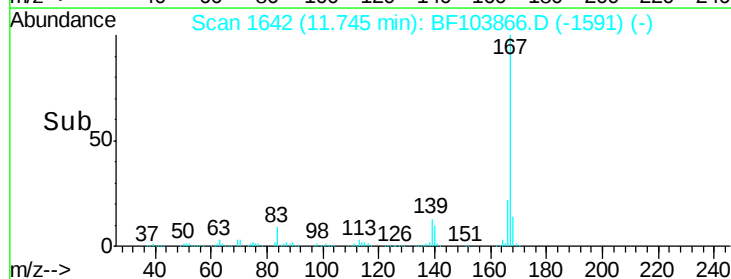
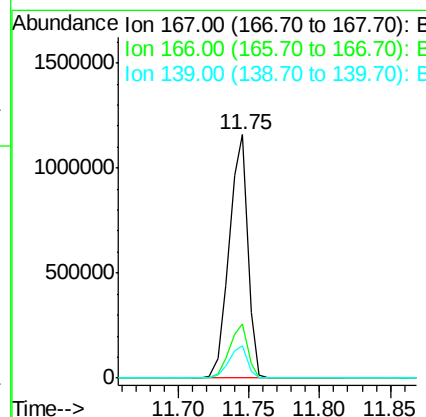
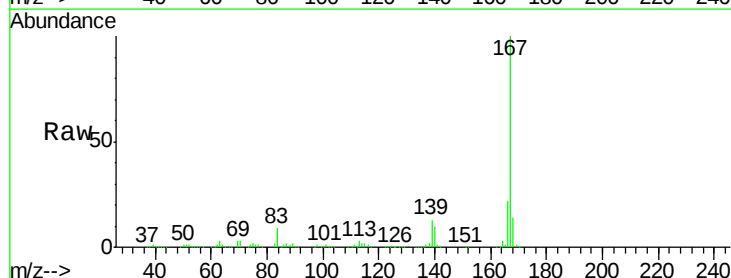
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

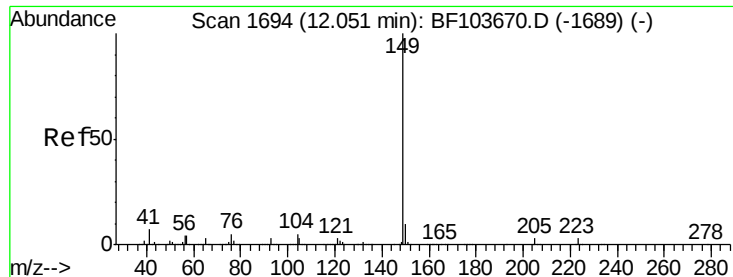
Tot Ion:178 Resp: 1104756
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 38.076 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Tgt Ion:167 Resp: 1061711
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.1 10.9 16.3

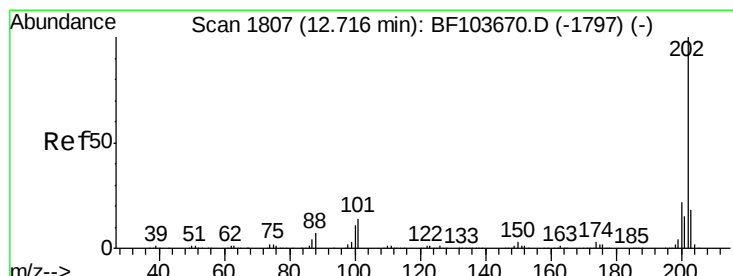
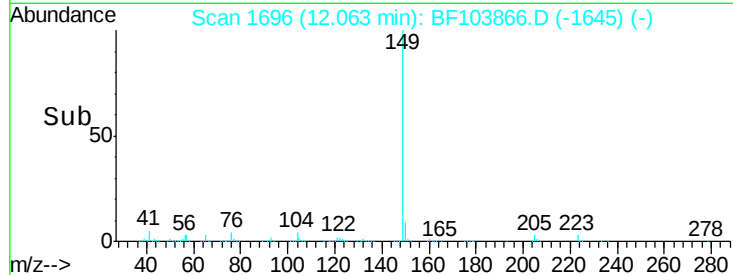
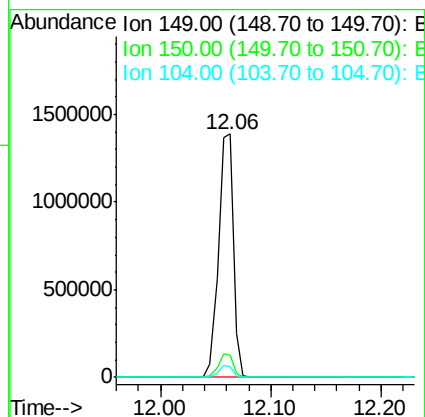
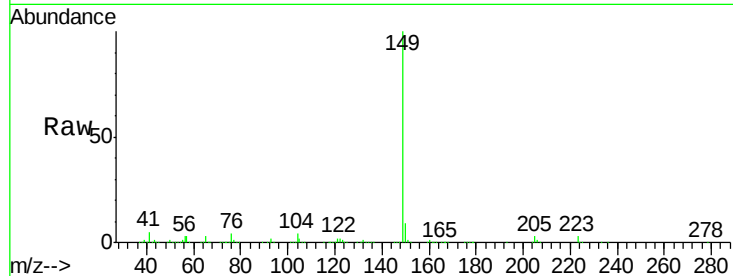




#73
Di-n-butylphthalate
Concen: 38.746 ng
RT: 12.06 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

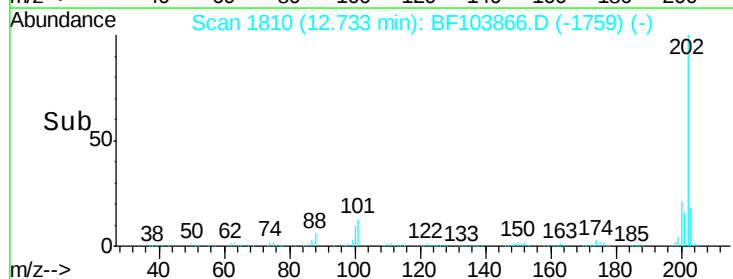
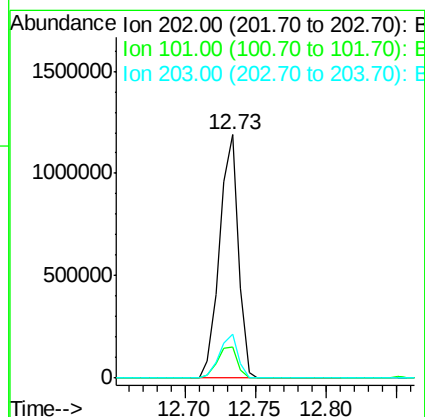
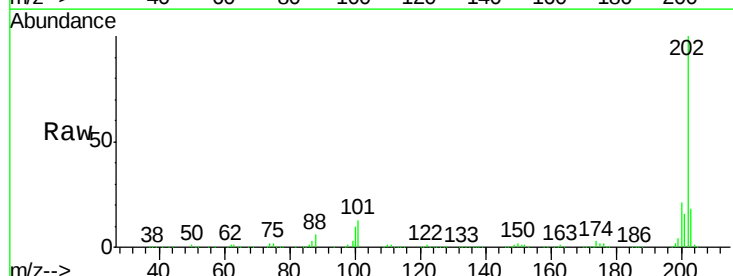
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

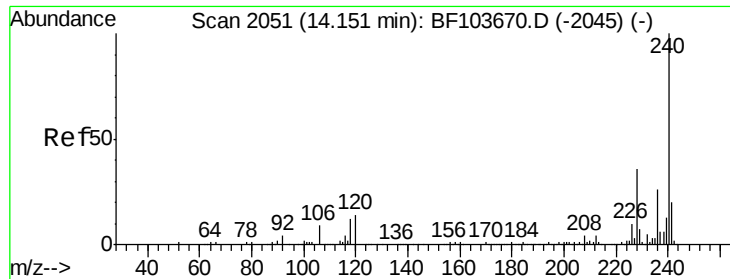
Tot Ion:149 Resp: 1296351
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 37.823 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion:202 Resp: 1100671
Ion Ratio Lower Upper
202 100
101 12.7 0.0 34.1
203 17.8 0.0 38.1

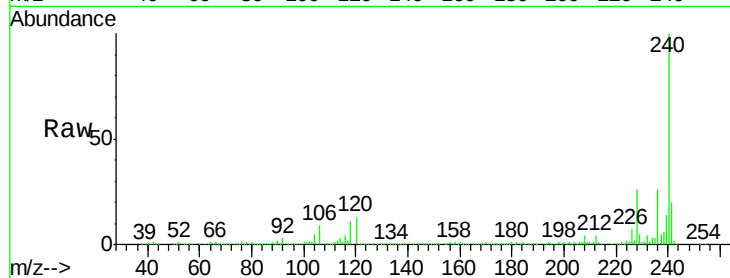




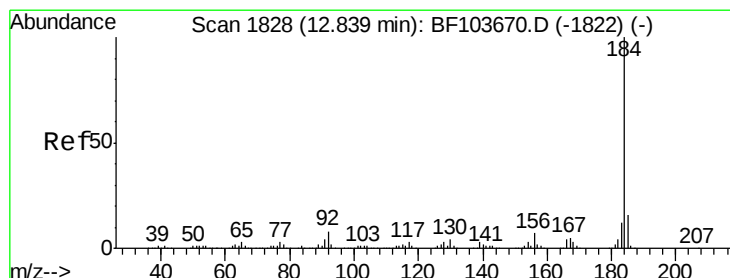
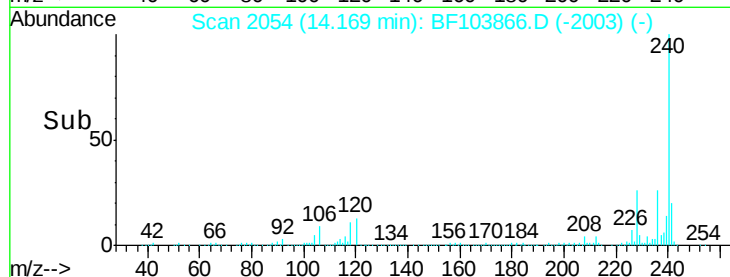
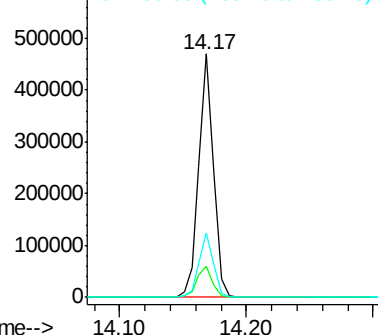
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:240 Resp: 379313
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.3 20.7 31.1

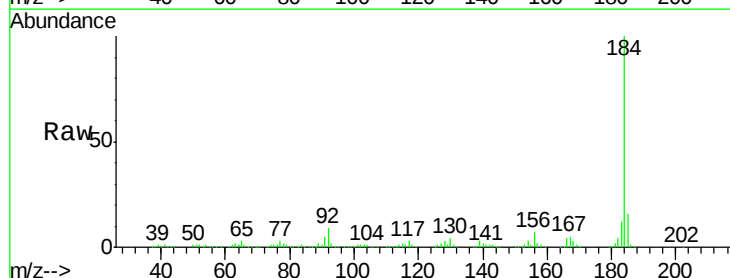


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

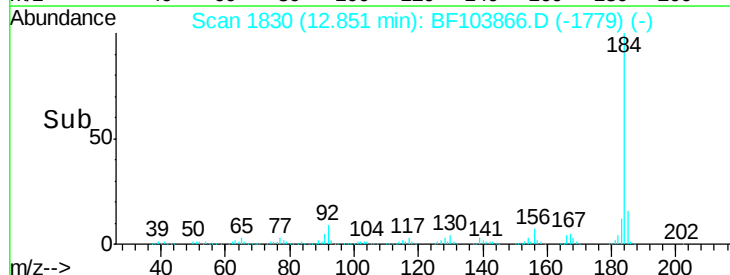
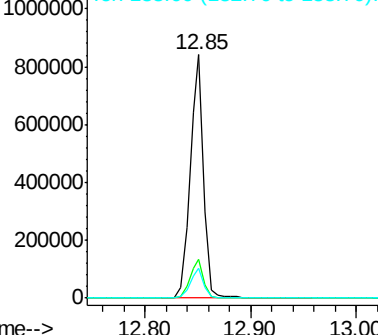


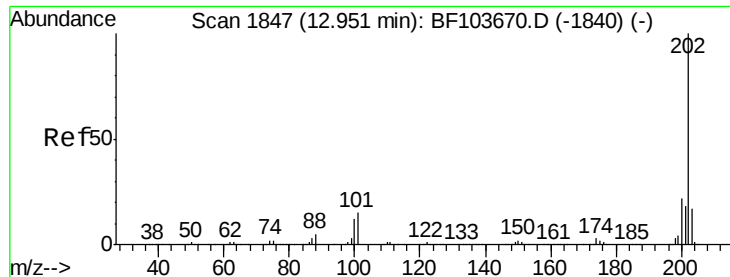
#76
Benzidine
Concen: 46.500 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion:184 Resp: 752278
Ion Ratio Lower Upper
184 100
185 15.7 12.6 18.8
183 12.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

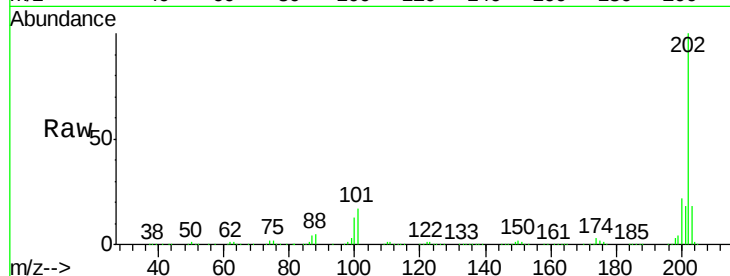




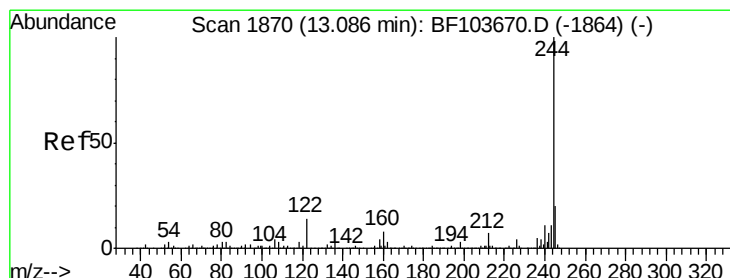
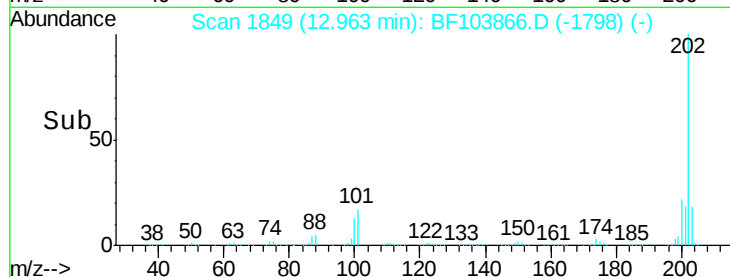
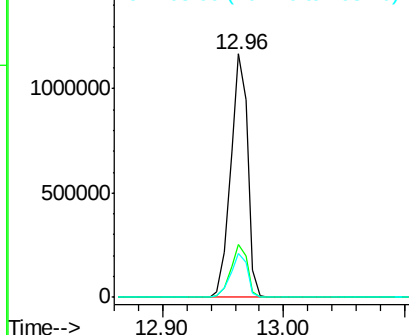
#77
Pvrene
Concen: 40.681 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1133233
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.0 14.3 21.5

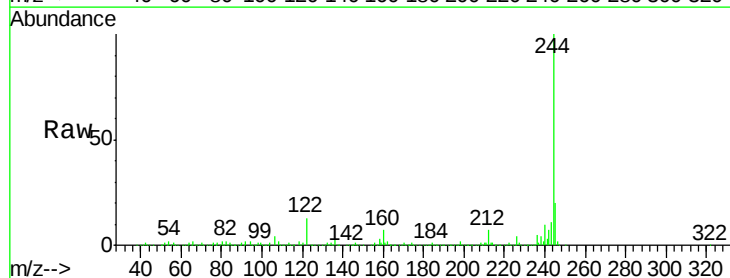


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

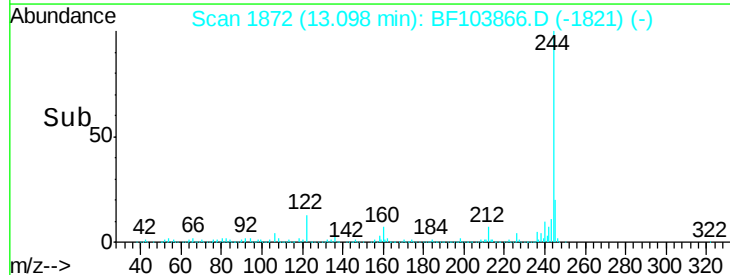
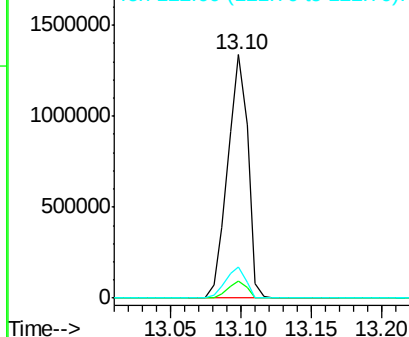


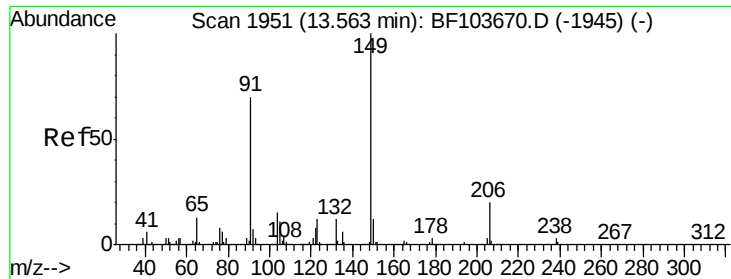
#78
Terphenyl-d14
Concen: 81.611 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion:244 Resp: 1333663
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.7 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

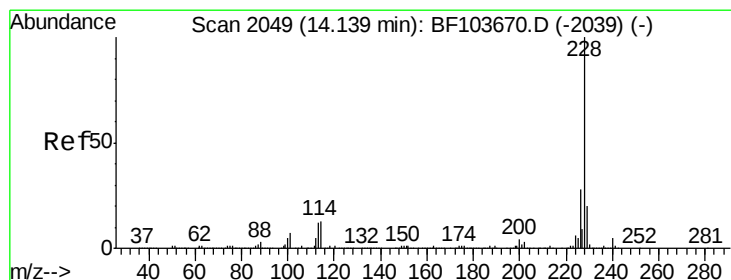
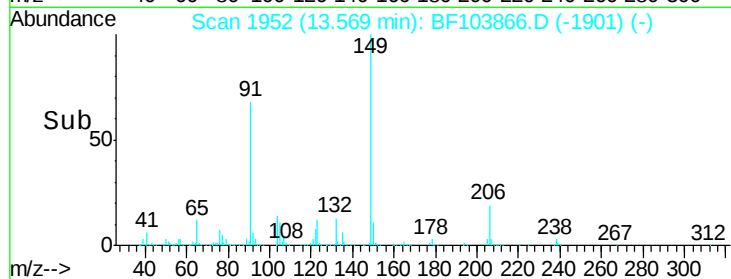
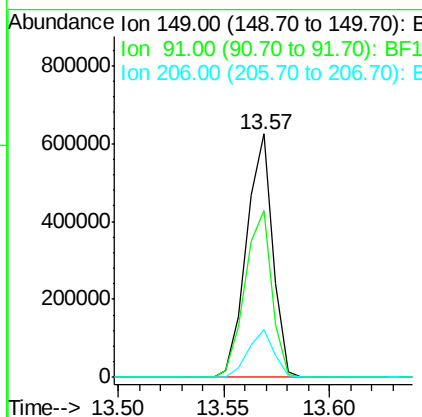
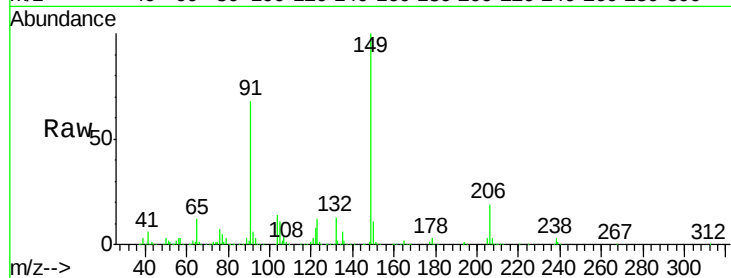




#79
Butylbenzylphthalate
Concen: 43.608 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

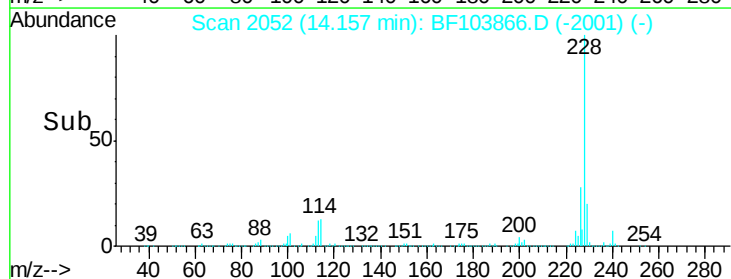
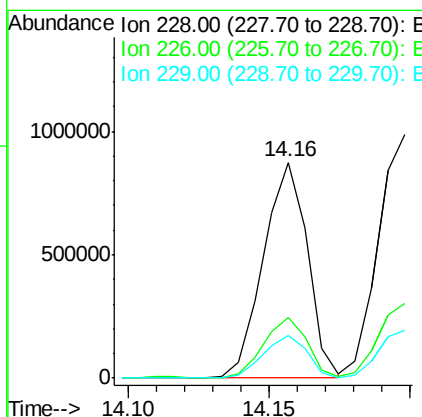
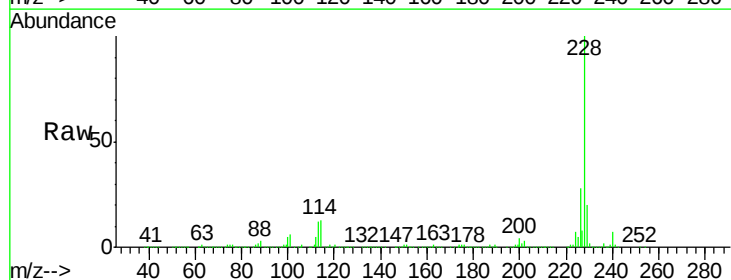
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

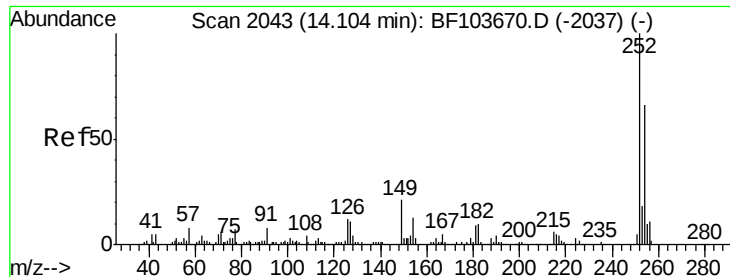
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.3	56.8	85.2
206	19.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.259 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.0	15.8	23.6

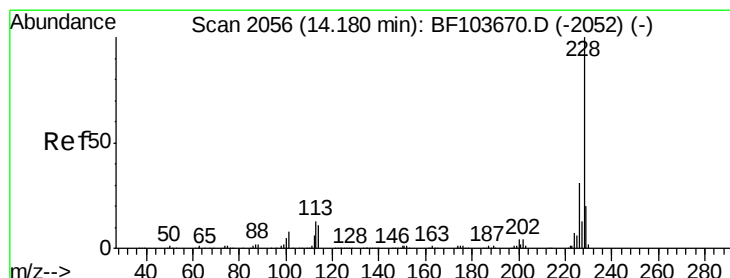
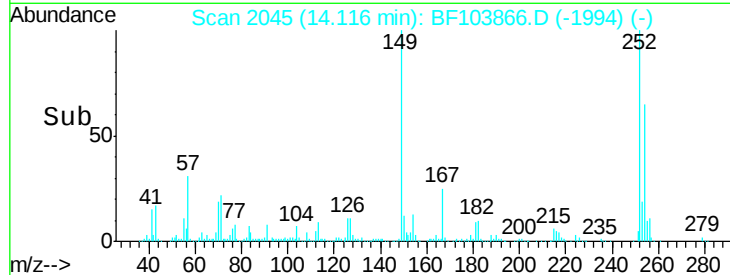
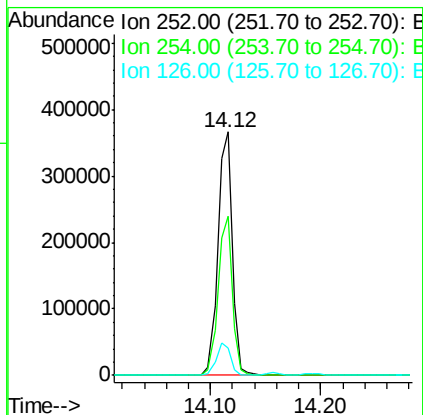
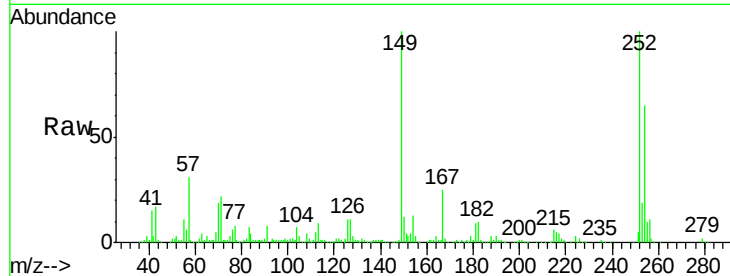




#81
 3,3'-Dichlorobenzidine
 Concen: 41.400 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

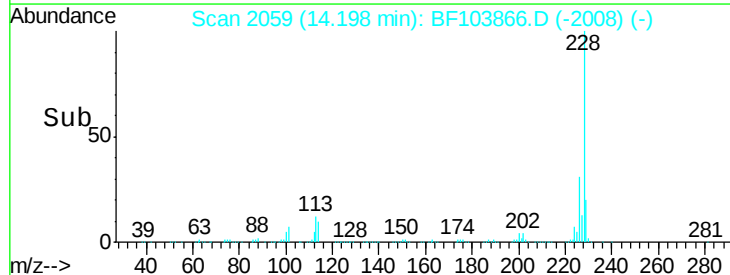
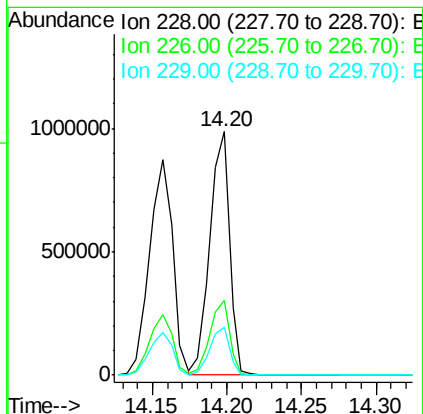
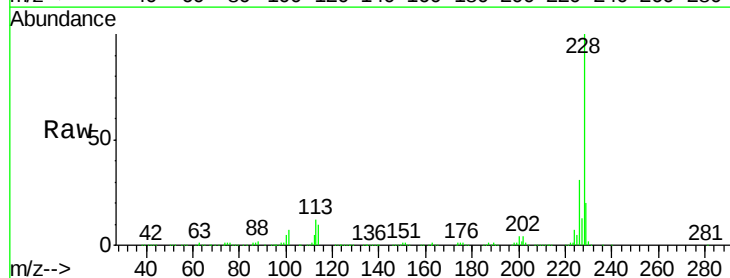
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 332498
 Ion Ratio Lower Upper
 252 100
 254 65.4 50.4 75.6
 126 11.4 11.3 16.9



#82
 Chrysene
 Concen: 39.608 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Tgt Ion:228 Resp: 906554
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.7 16.2 24.4

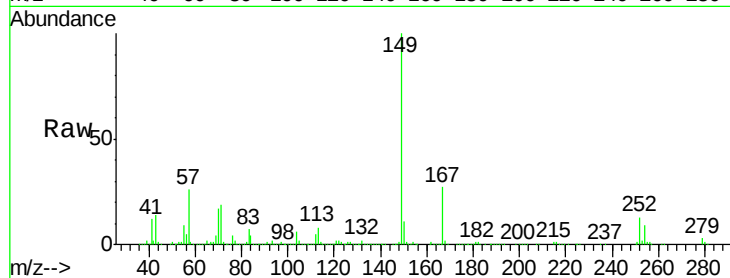




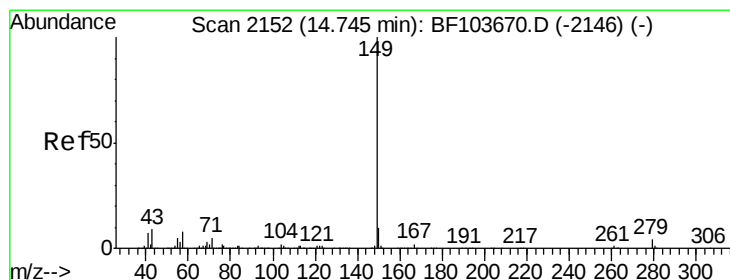
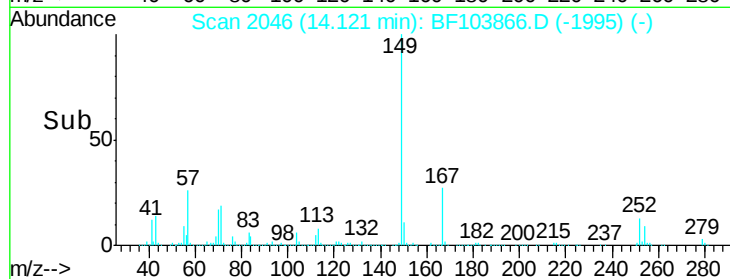
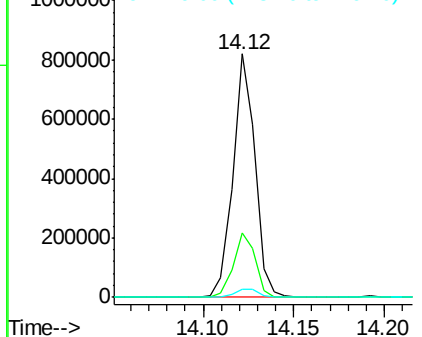
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.309 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 693067
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 3.3 3.0 4.4

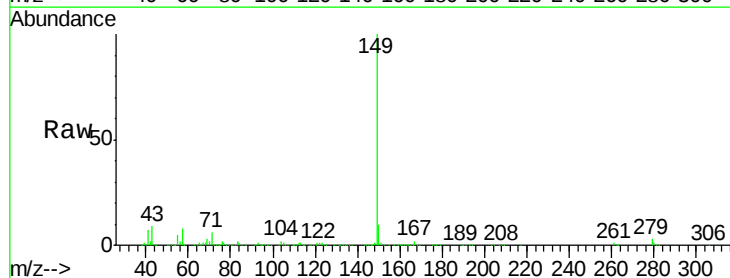


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

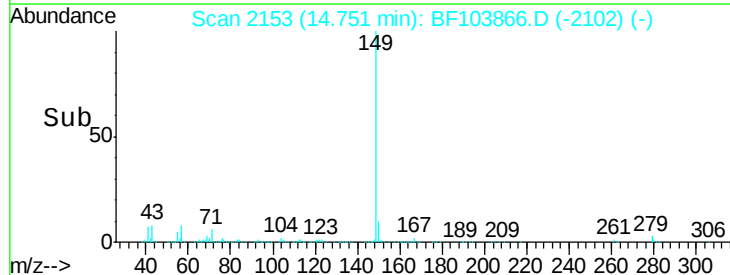
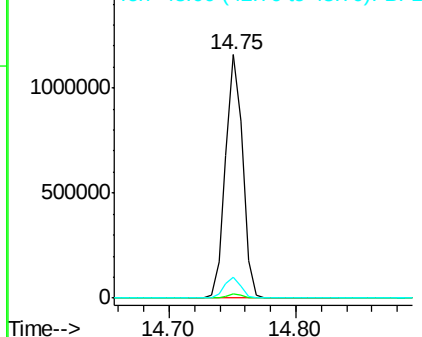


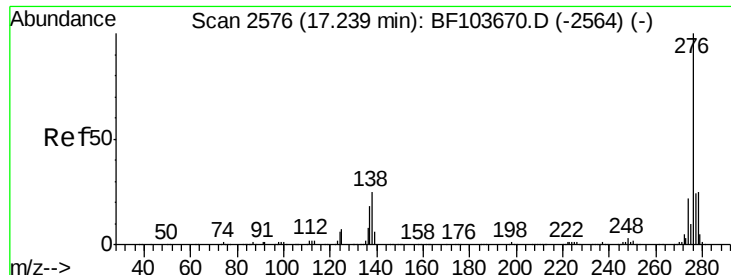
#84
 Di-n-octyl phthalate
 Concen: 42.270 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Tgt Ion:149 Resp: 1084261
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.3 8.4 12.6#



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

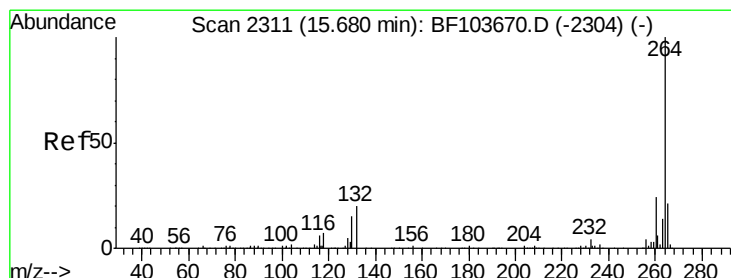
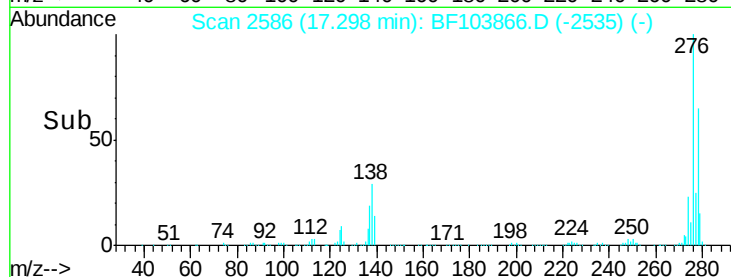
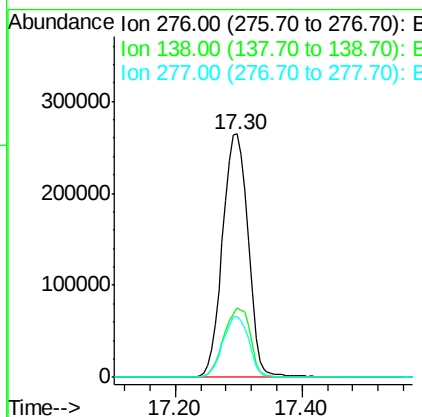
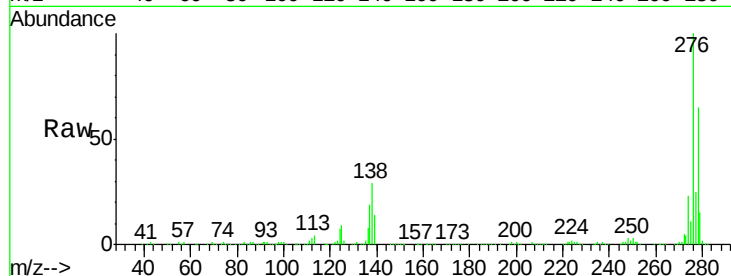




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.032 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

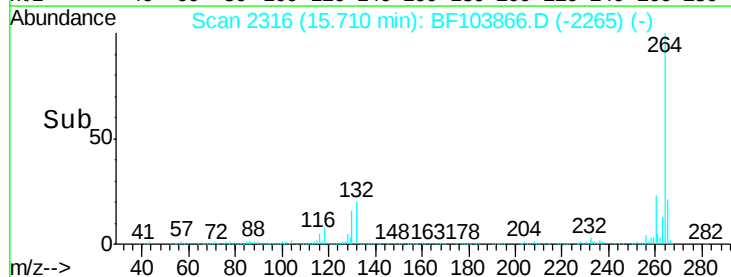
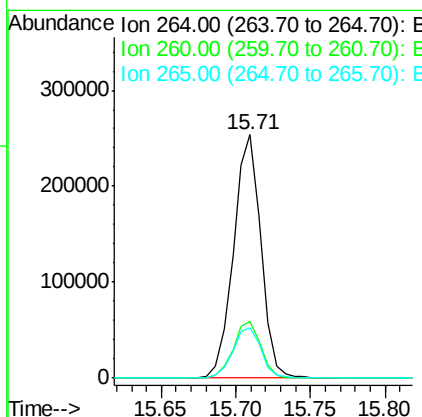
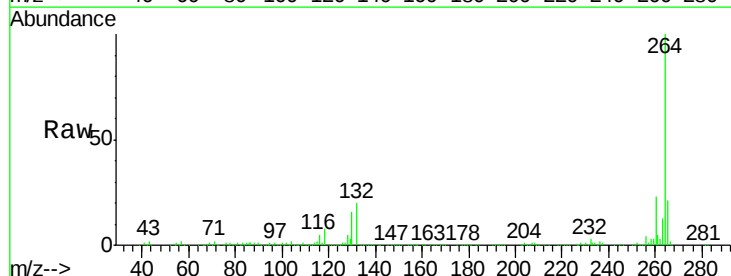
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

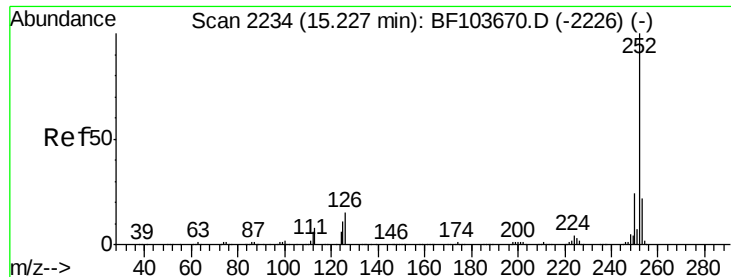
Tot Ion:276 Resp: 740193
Ion Ratio Lower Upper
276 100
138 29.8 25.0 37.6
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion:264 Resp: 325254
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 20.9 17.5 26.3

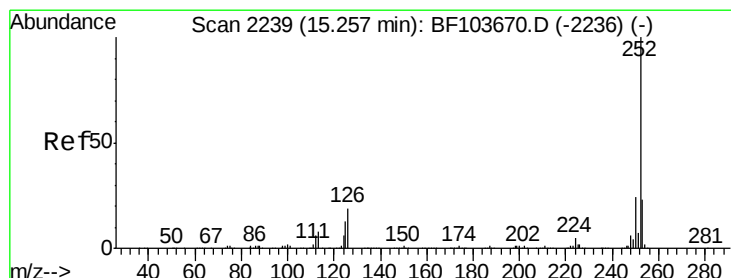
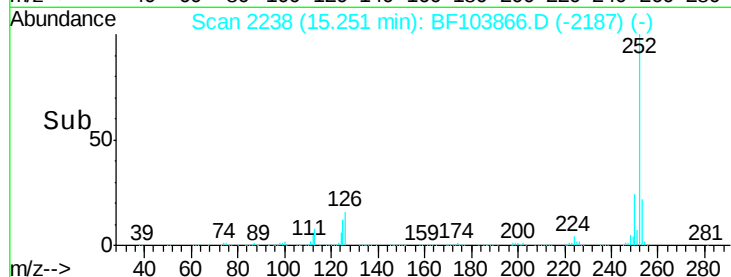
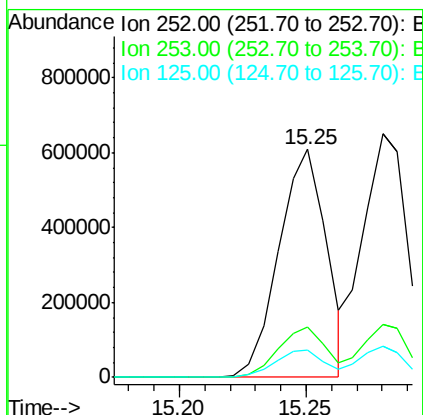
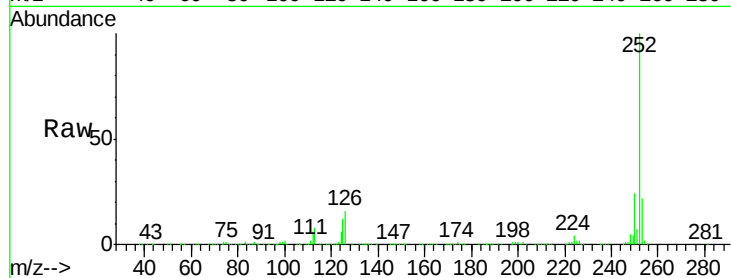




#87
Benzo(b)fluoranthene
Concen: 38.676 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

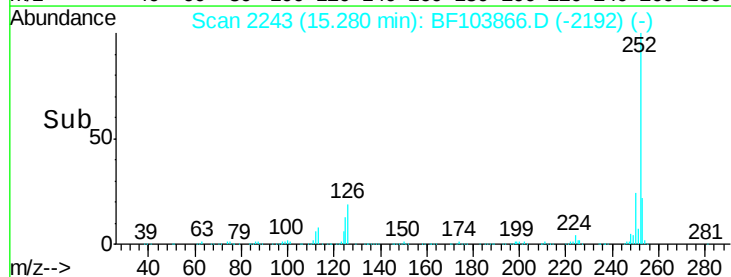
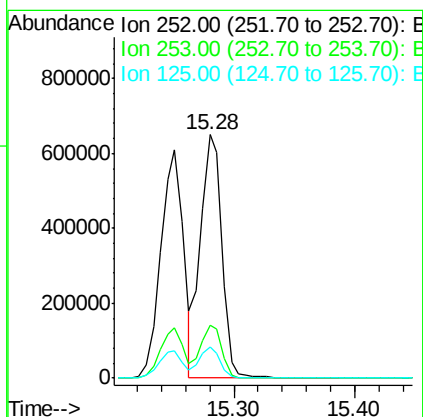
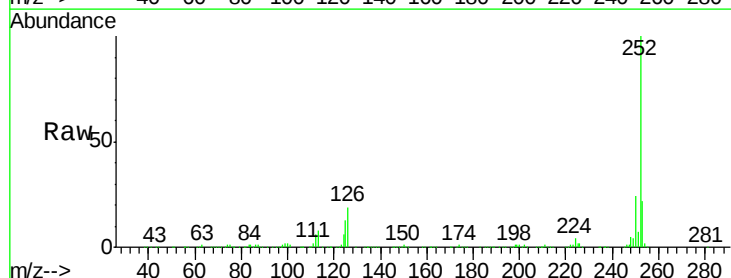
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

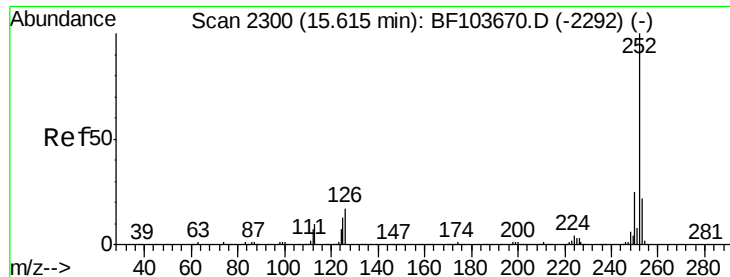
Tot Ion:252 Resp: 794734
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.378 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BF103866.D
Acq: 23 Mar 2018 8:58

Tgt Ion:252 Resp: 797589
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.070 ng

RT: 15.64 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

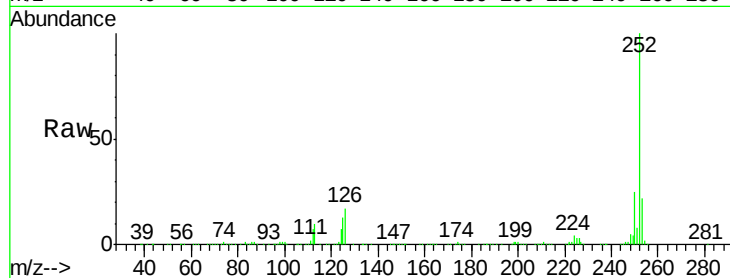
Tot Ion:252 Resp: 728179

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

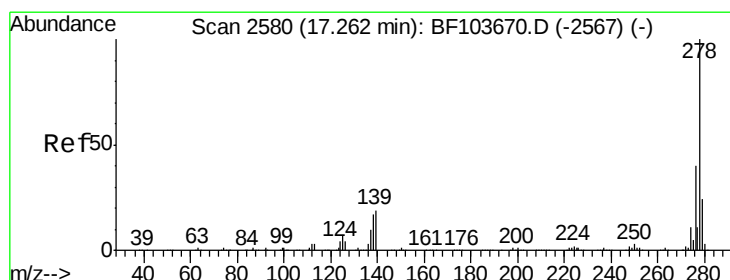
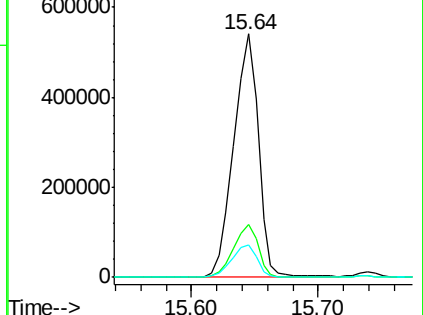
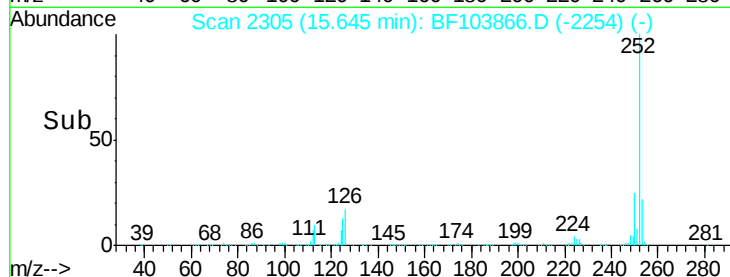
125 13.5 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 38.697 ng

RT: 17.32 min Scan# 2589

Delta R.T. 0.00 min

Lab File: BF103866.D

Acq: 23 Mar 2018 8:58

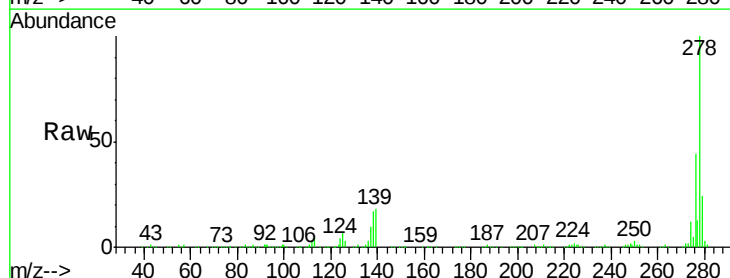
Tgt Ion:278 Resp: 624516

Ion Ratio Lower Upper

278 100

139 18.3 15.9 23.9

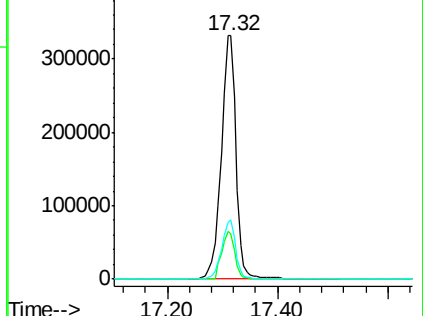
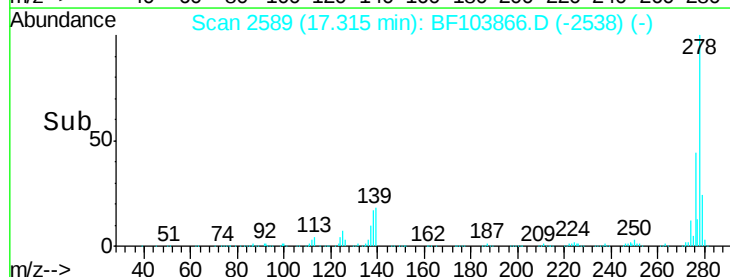
279 24.3 19.0 28.4

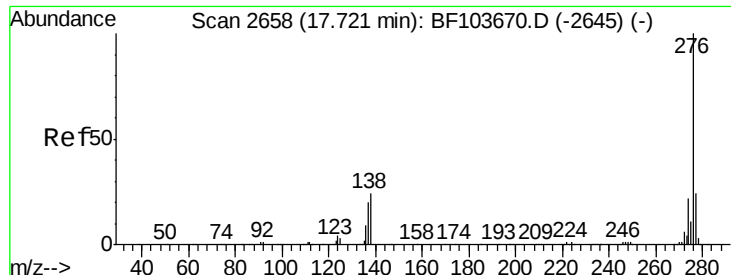


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

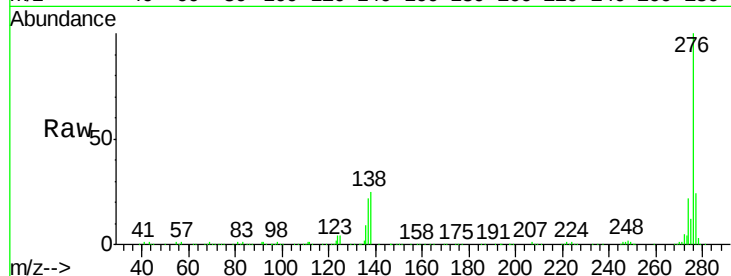




#91
 Benzo(a,h,i)perylene
 Concen: 39.018 ng
 RT: 17.78 min Scan# 2668
 Delta R.T. 0.00 min
 Lab File: BF103866.D
 Acq: 23 Mar 2018 8:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	25.2	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

