

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104446.D
 Acq On : 12 Apr 2018 13:02
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 12 17:07:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	124516	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	506895	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	240307	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	454356	20.00	ng	0.00
75) Chrysene-d12	13.99	240	370040	20.00	ng	0.00
86) Perylene-d12	15.46	264	317700	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	596208	73.21	ng	0.00
7) Phenol-d6	6.45	99	728635	72.82	ng	0.00
23) Nitrobenzene-d5	7.38	82	653602	84.20	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	203357	81.58	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1145682	75.32	ng	0.00
78) Terphenyl-d14	12.93	244	1195620	73.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	139662	36.807	ng	90
3) Pyridine	3.26	79	391025	36.653	ng	87
4) n-Nitrosodimethylamine	3.22	42	130067	34.878	ng	# 81
6) Aniline	6.47	93	506110	36.408	ng	98
8) 2-Chlorophenol	6.60	128	324959	37.808	ng	92
9) Benzaldehyde	6.36	77	184562	34.986	ng	96
10) Phenol	6.46	94	419325	39.499	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	308398	36.403	ng	94
12) 1,3-Dichlorobenzene	6.75	146	369849	37.983	ng	100
13) 1,4-Dichlorobenzene	6.83	146	372427	38.369	ng	99
14) 1,2-Dichlorobenzene	6.98	146	342617	38.090	ng	99
15) Benzyl Alcohol	6.95	79	279149	36.733	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	405218	35.617	ng	92
17) 2-Methylphenol	7.06	107	282254	37.779	ng	98
18) Hexachloroethane	7.32	117	133924	38.698	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	222527	34.035	ng	94
20) 3+4-Methylphenols	7.22	107	336903	36.359	ng	# 83
22) Acetophenone	7.22	105	452298	36.243	ng	95
24) Nitrobenzene	7.40	77	348584	40.672	ng	97
25) Isophorone	7.63	82	597868	36.421	ng	98
26) 2-Nitrophenol	7.71	139	175760	50.374	ng	97
27) 2,4-Dimethylphenol	7.75	122	254930	35.188	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	371438	37.008	ng	99
29) 2,4-Dichlorophenol	7.95	162	264604	38.279	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	289732	38.192	ng	99
31) Naphthalene	8.12	128	943685	37.387	ng	99
32) Benzoic acid	7.87	122	215566	37.292	ng	99
33) 4-Chloroaniline	8.17	127	409392	37.859	ng	96
34) Hexachlorobutadiene	8.23	225	162404	39.084	ng	99
35) Caprolactam	8.55	113	91450	37.924	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	285879	38.570	ng	99
37) 2-Methylnaphthalene	8.81	142	613392	37.569	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	268380	39.015	ng	99
40) Hexachlorocyclopentadiene	8.96	237	156903	40.742	ng	98

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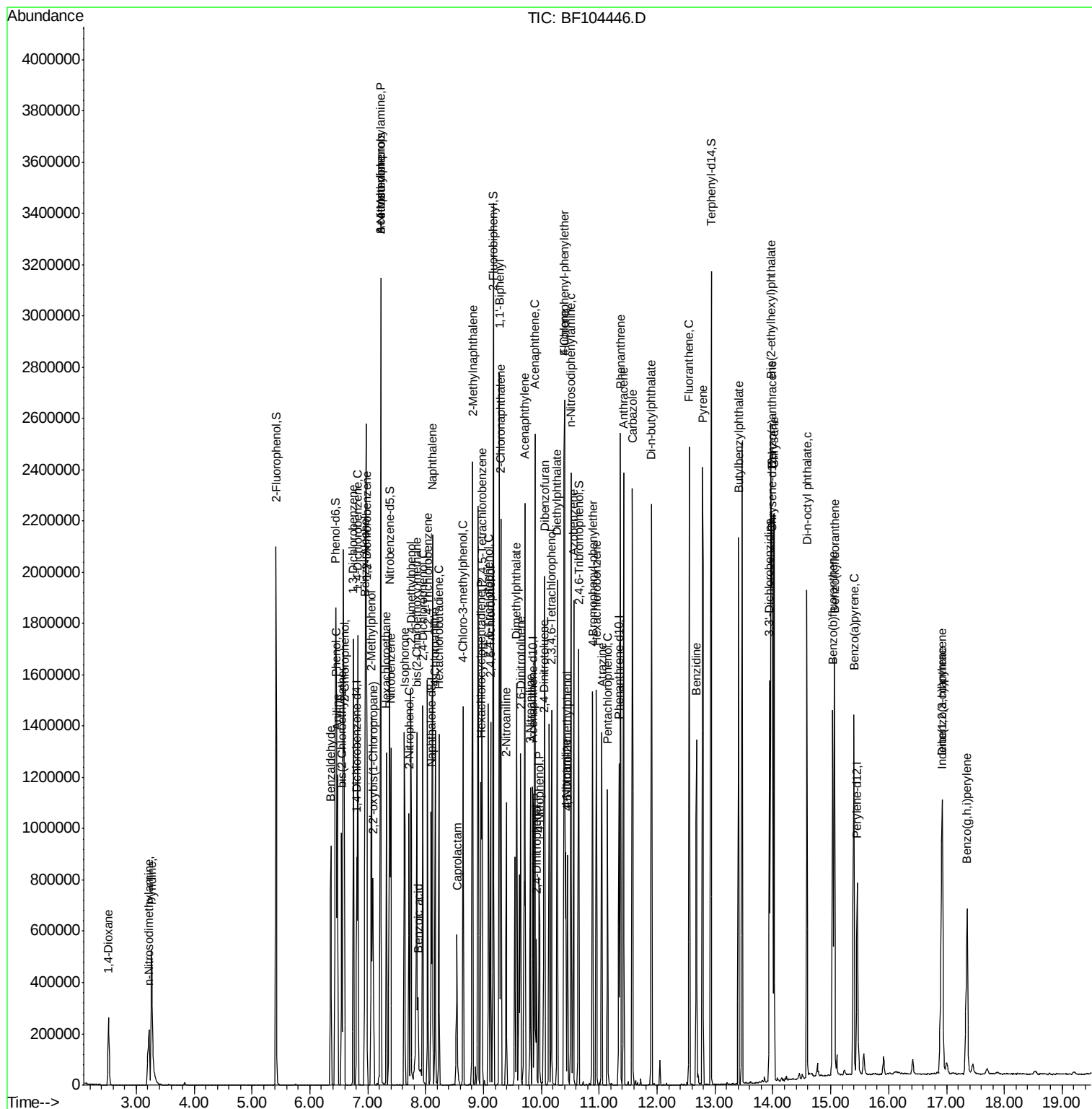
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42) 2,4,6-Trichlorophenol	9.09	196	185776	38.904	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	209643	39.232	nq	95
45) 1,1'-Biphenyl	9.27	154	751657	37.234	nq	99
46) 2-Chloronaphthalene	9.30	162	603114	37.823	nq	100
47) 2-Nitroaniline	9.40	65	186910	47.399	nq	95
48) Acenaphthylene	9.72	152	937983	37.492	nq	100
49) Dimethylphthalate	9.57	163	736884	38.886	nq	99
50) 2,6-Dinitrotoluene	9.64	165	158977	45.338	nq	97
51) Acenaphthene	9.89	154	550086	36.037	nq	99
52) 3-Nitroaniline	9.81	138	186631	45.464	nq	96
53) 2,4-Dinitrophenol	9.92	184	74252	58.904	nq	# 18
54) Dibenzofuran	10.06	168	797501	37.490	nq	98
55) 4-Nitrophenol	9.96	139	140950	43.710	nq	100
56) 2,4-Dinitrotoluene	10.05	165	211246	45.928	nq	90
57) Fluorene	10.40	166	612944	39.586	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	157896	39.606	nq	95
59) Diethylphthalate	10.27	149	715108	37.891	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	280750	40.714	nq	98
61) 4-Nitroaniline	10.42	138	188163	46.879	nq	99
62) Azobenzene	10.56	77	659251	36.562	nq	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	116289	51.856	nq	90
65) n-Nitrosodiphenylamine	10.52	169	574250	36.452	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	183001	37.866	nq	# 90
67) Hexachlorobenzene	10.95	284	207540	38.165	nq	91
68) Atrazine	11.04	200	181959	38.265	nq	99
69) Pentachlorophenol	11.14	266	129237	38.415	nq	97
70) Phenanthrene	11.37	178	926374	36.612	nq	99
71) Anthracene	11.42	178	930557	36.179	nq	99
72) Carbazole	11.57	167	914410	36.382	nq	99
73) Di-n-butylphthalate	11.90	149	1144924	37.292	nq	99
74) Fluoranthene	12.56	202	983789	37.213	nq	98
76) Benzidine	12.68	184	458295	35.312	nq	99
77) Pyrene	12.79	202	1008848	36.781	nq	100
79) Butylbenzylphthalate	13.40	149	497679	38.514	nq	99
80) Benzo(a)anthracene	13.98	228	846892	38.309	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	314171	38.116	nq	98
82) Chrysene	14.02	228	831554	36.621	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	668182	40.201	nq	99
84) Di-n-octyl phthalate	14.59	149	1028173	37.022	nq	95
85) Indeno(1,2,3-cd)pyrene	16.92	276	666418	34.549	nq	97
87) Benzo(b)fluoranthene	15.03	252	795962	39.668	nq	97
88) Benzo(k)fluoranthene	15.07	252	687447	36.289	nq	98
89) Benzo(a)pyrene	15.40	252	682465	38.013	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	551234	37.384	nq	97
91) Benzo(g,h,i)perylene	17.36	276	537992	37.660	nq	94

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

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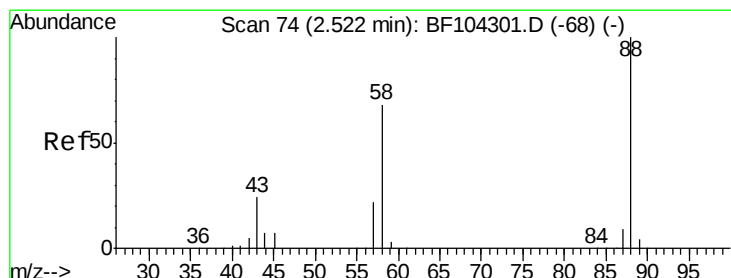
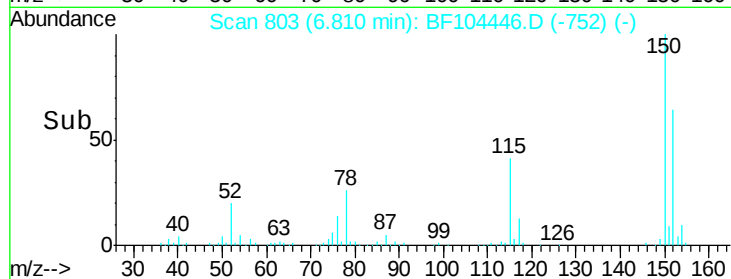
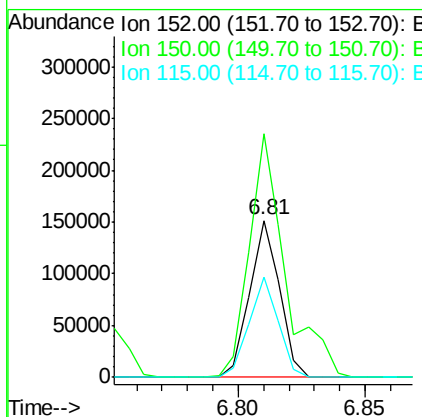
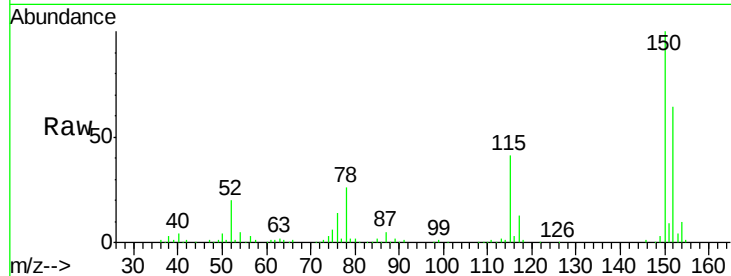


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
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ClientSampleId :
SSTDCCC040

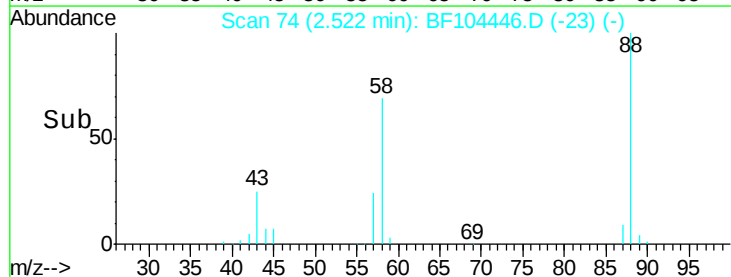
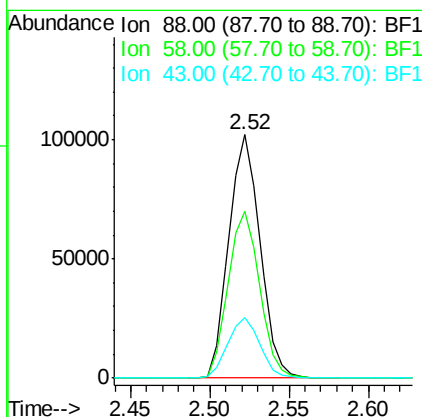
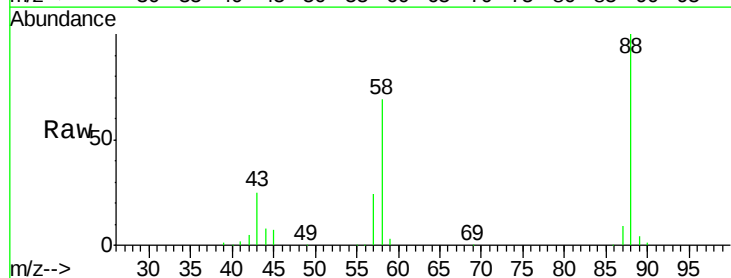
Tot Ion:152 Resp: 124516
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 63.8 50.1 75.1

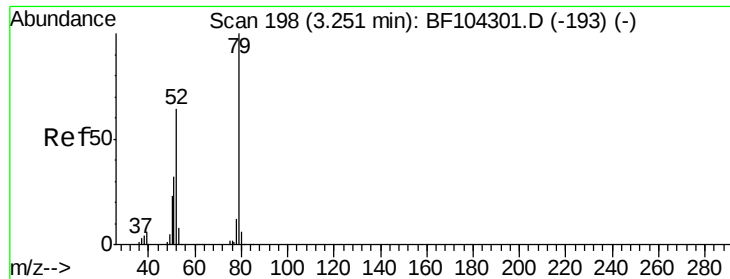


#2

1,4-Dioxane
Concen: 36.807 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion: 88 Resp: 139662
Ion Ratio Lower Upper
88 100
58 68.8 62.6 93.8
43 25.5 24.6 37.0





#3

Pvridine

Concen: 36.653 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

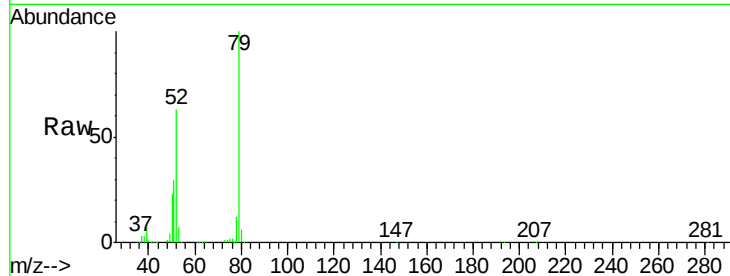
Tot Ion: 79 Resp: 391025

Ion Ratio Lower Upper

79 100

52 62.7 59.8 89.6

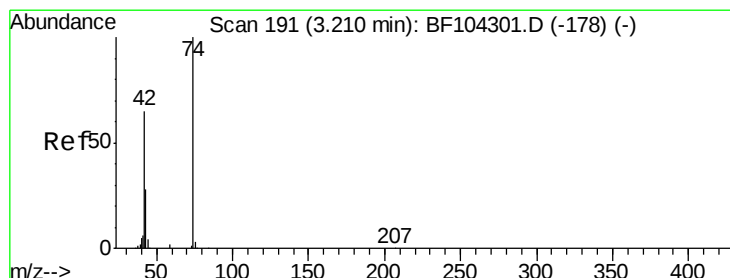
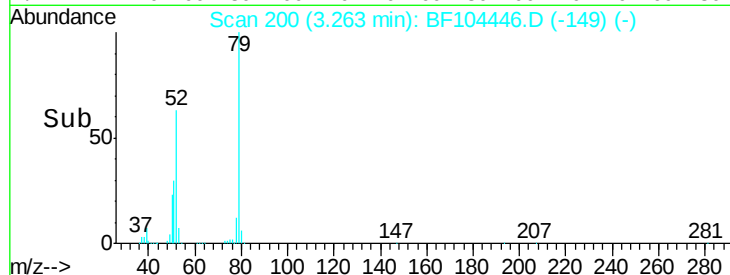
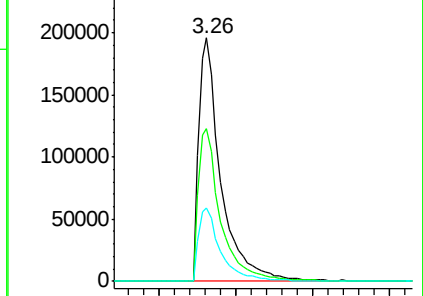
51 30.0 29.8 44.8



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: 34.878 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

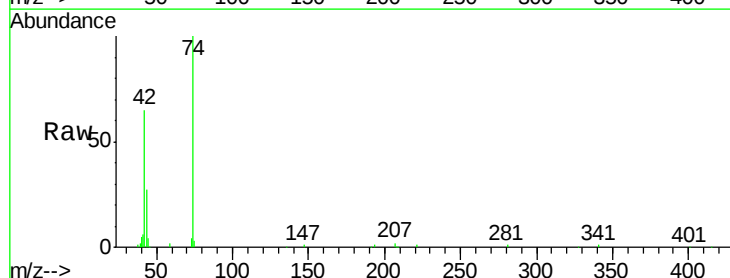
Tgt Ion: 42 Resp: 130067

Ion Ratio Lower Upper

42 100

74 153.9 104.9 157.3

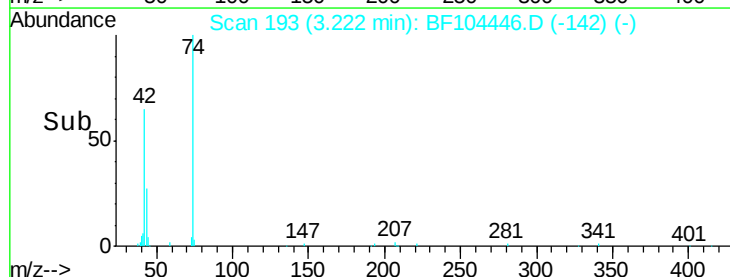
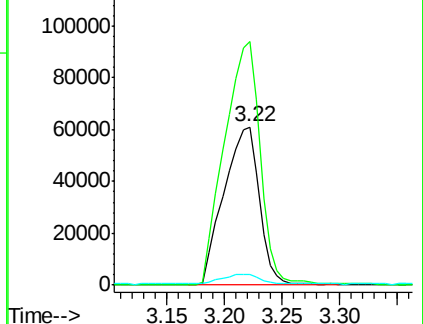
44 6.7 6.9 10.3#



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: 73.214 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

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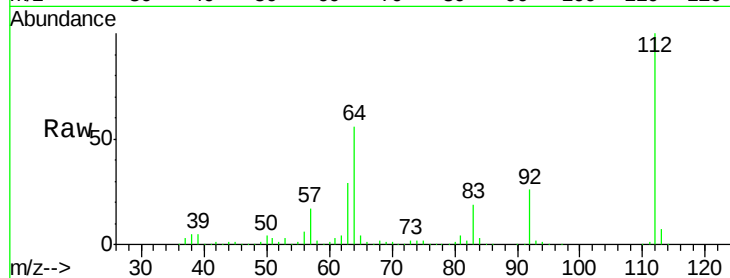
Tot Ion:112 Resp: 596208

Ion Ratio Lower Upper

112 100

64 56.1 47.9 71.9

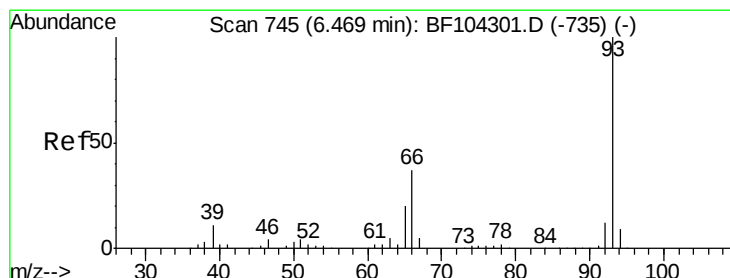
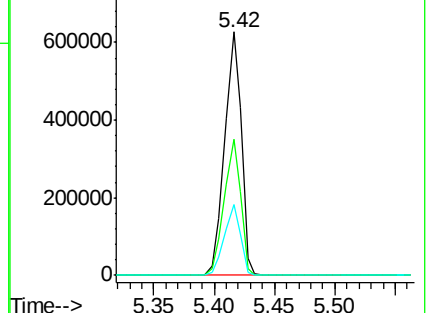
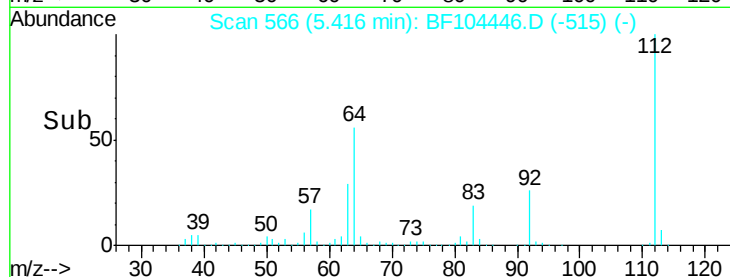
63 28.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.408 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

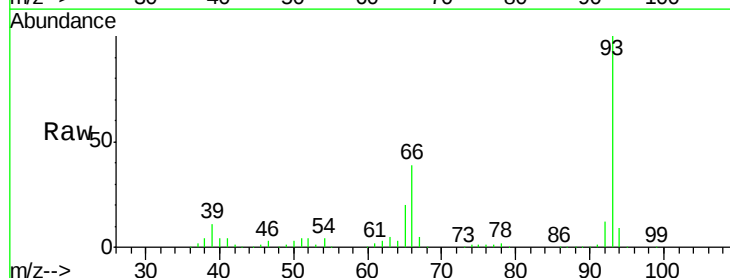
Tgt Ion: 93 Resp: 506110

Ion Ratio Lower Upper

93 100

66 39.1 32.2 48.2

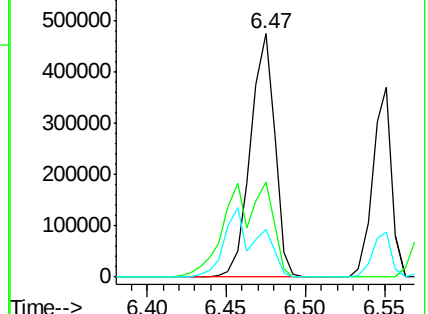
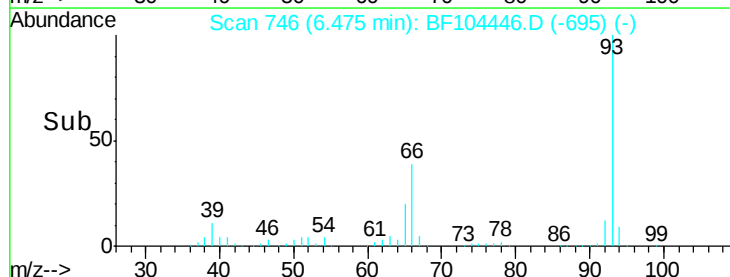
65 19.6 16.4 24.6



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: 72.823 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

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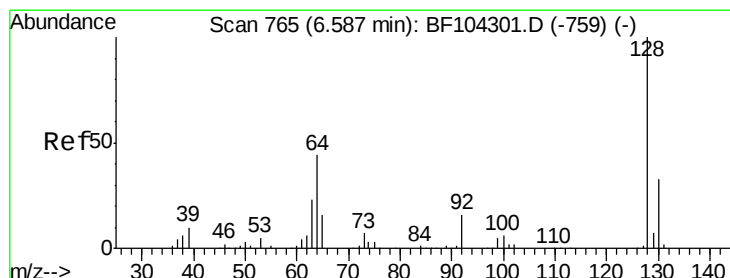
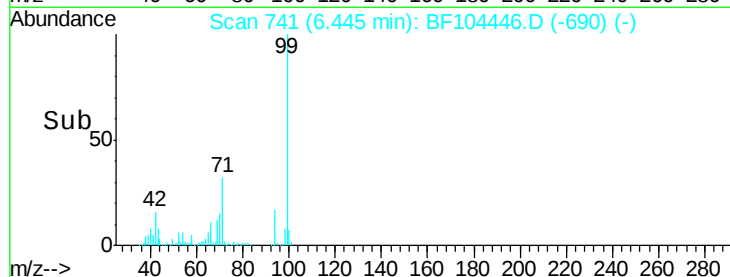
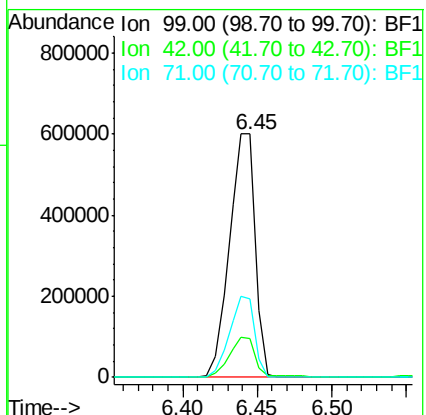
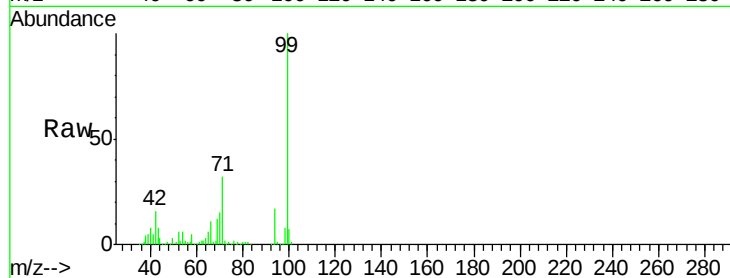
Tot Ion: 99 Resp: 728635

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 32.1 25.4 38.0



#8

2-Chlorophenol

Concen: 37.808 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

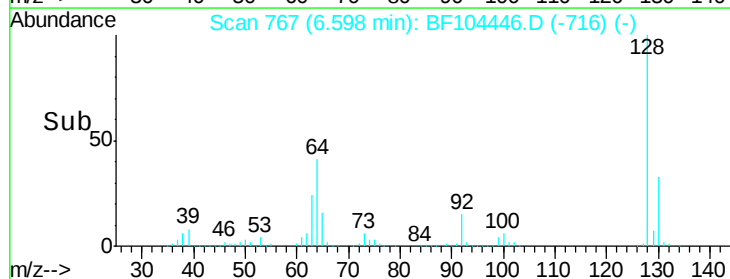
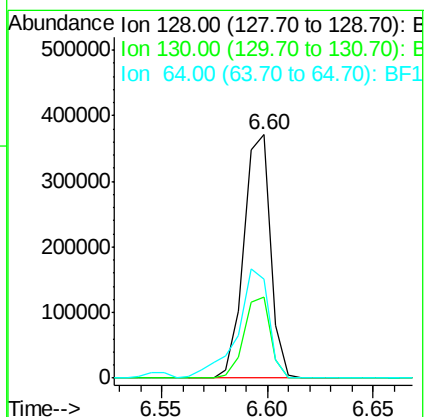
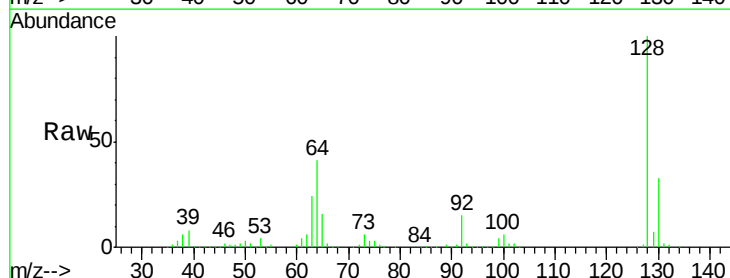
Tgt Ion: 128 Resp: 324959

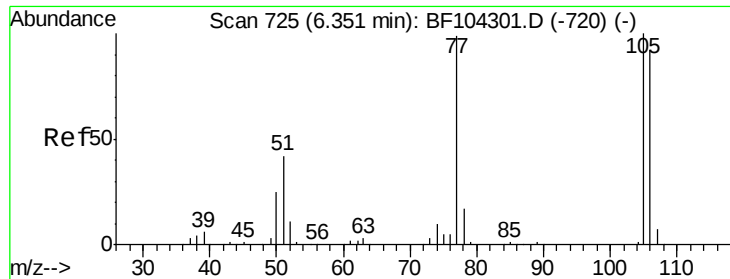
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 40.7 29.4 69.4

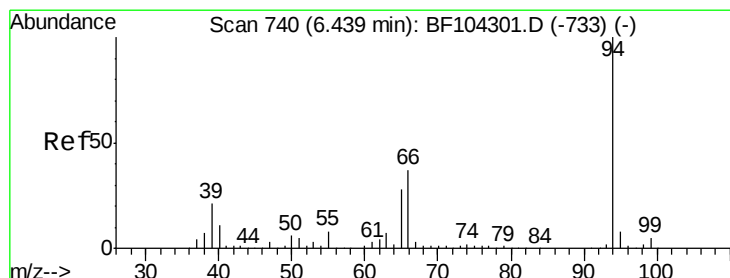
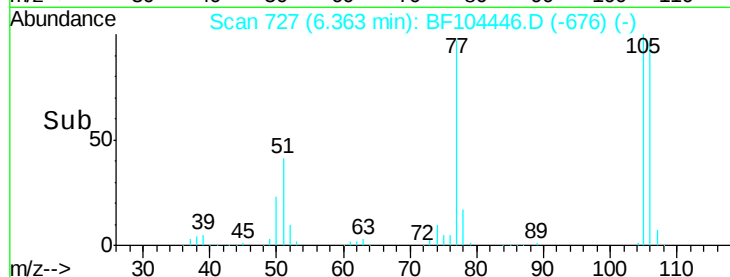
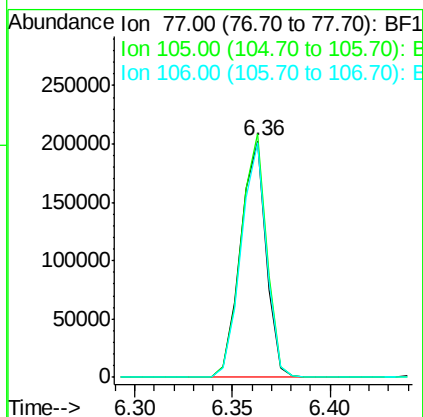
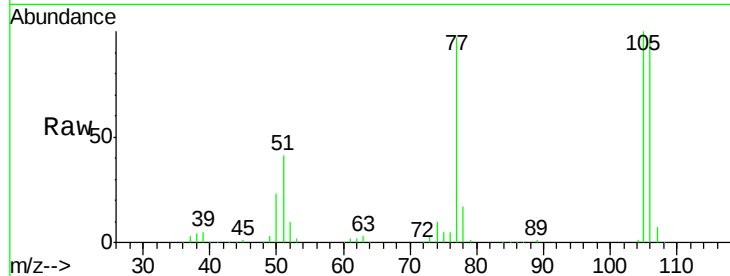




#9
Benzaldehyde
Concen: 34.986 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

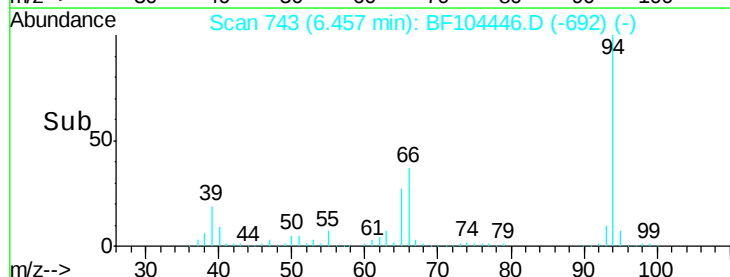
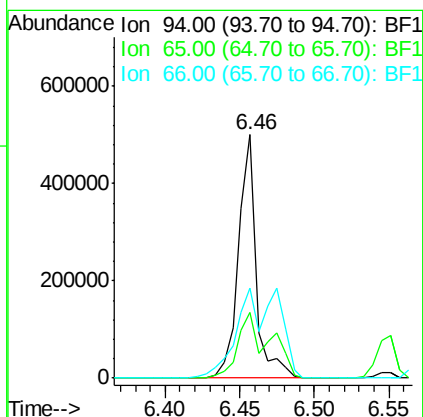
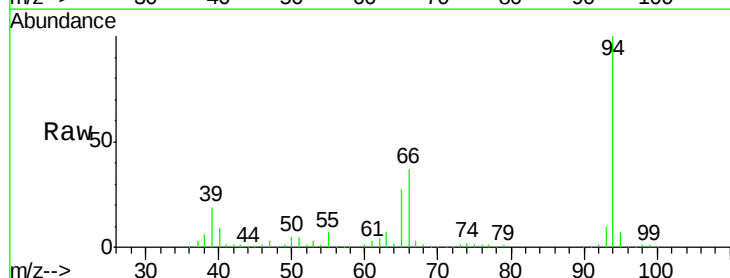
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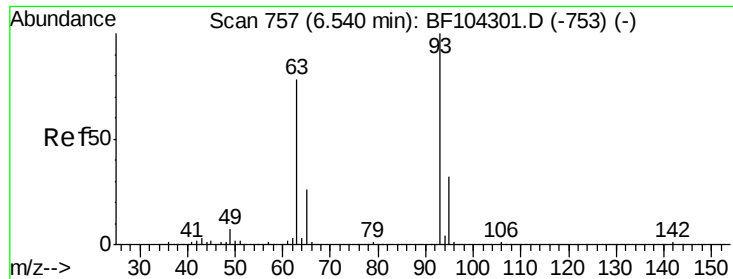
Tot Ion: 77 Resp: 184562
Ion Ratio Lower Upper
77 100
105 103.2 81.1 121.1
106 99.7 74.5 114.5



#10
Phenol
Concen: 39.499 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion: 94 Resp: 419325
Ion Ratio Lower Upper
94 100
65 27.2 7.9 47.9
66 36.7 16.2 56.2

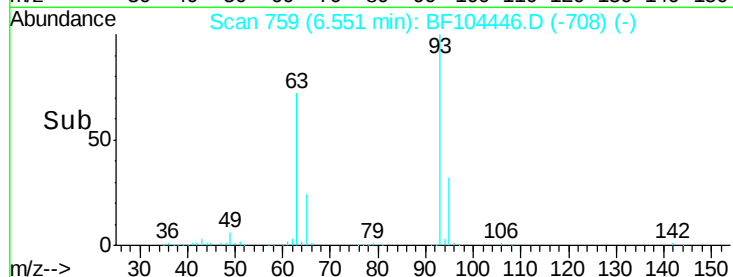
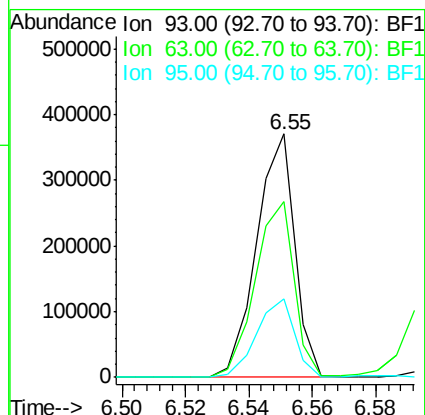
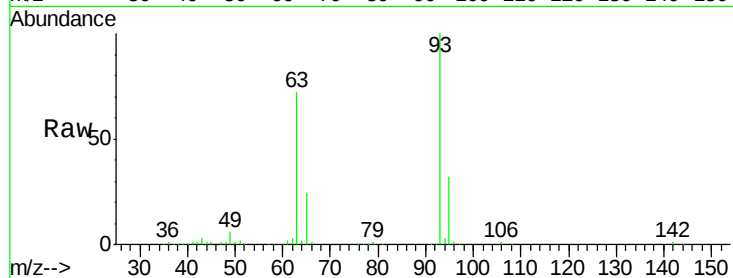




#11
 bis(2-Chloroethyl)ether
 Concen: 36.403 ng
 RT: 6.55 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

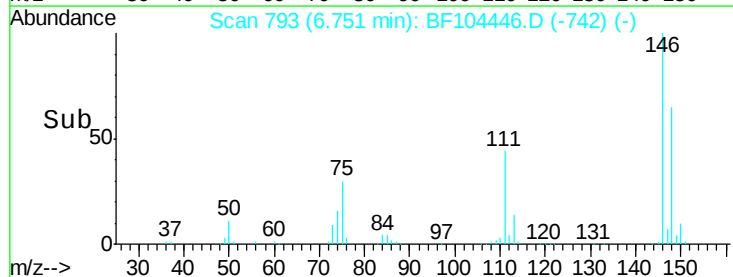
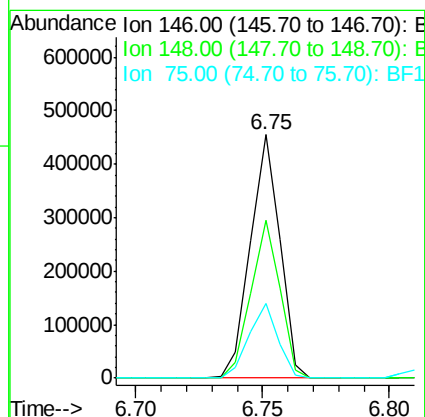
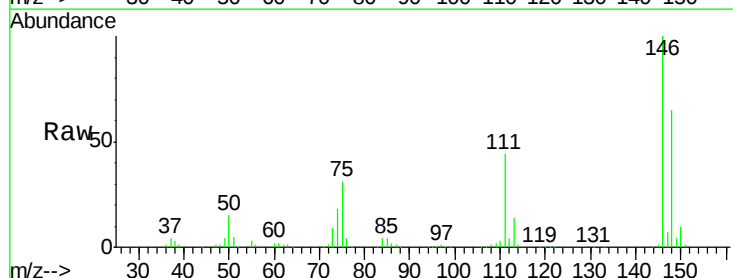
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

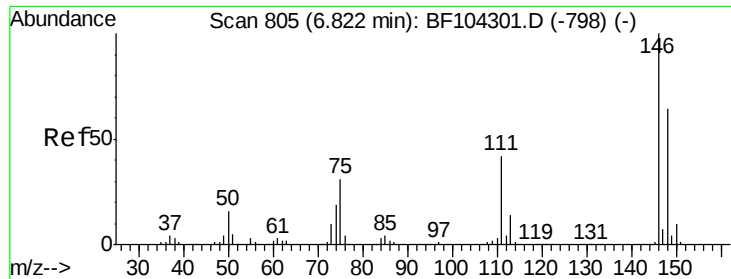
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.2	58.6	98.6
95	32.4	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 37.983 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	30.6	24.2	36.4

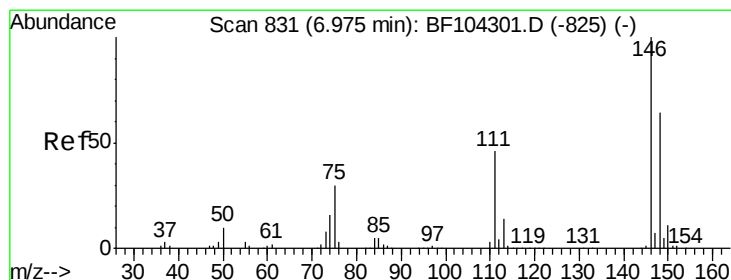
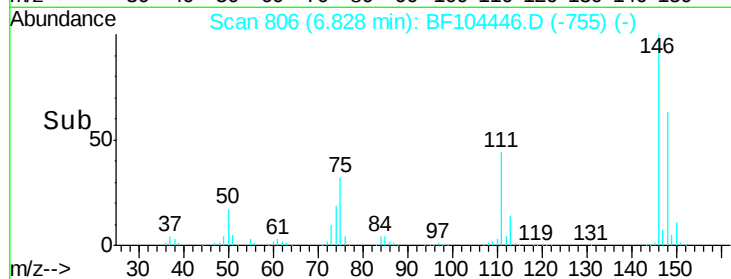
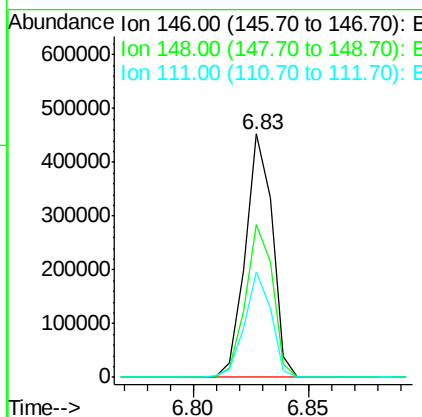
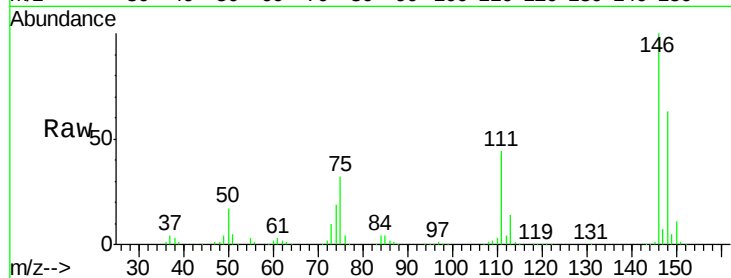




#13
 1,4-Dichlorobenzene
 Concen: 38.369 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

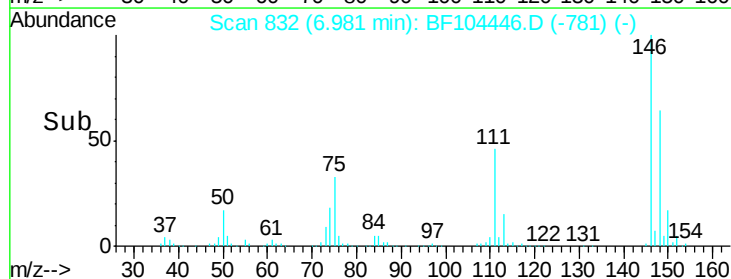
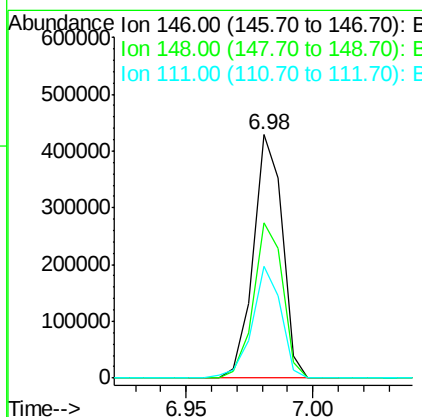
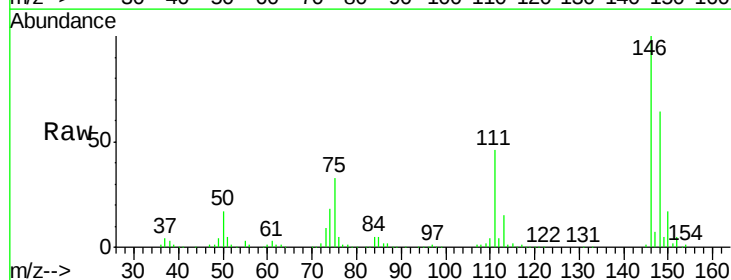
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 372427
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 43.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.090 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion:146 Resp: 342617
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 45.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.733 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

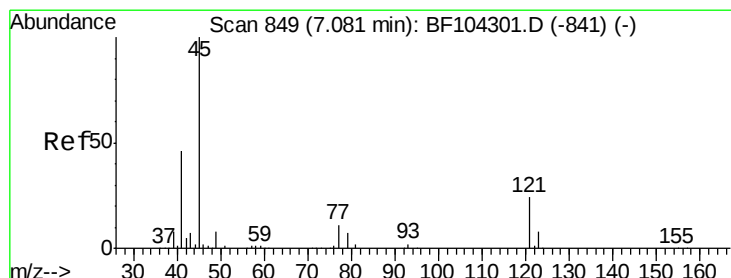
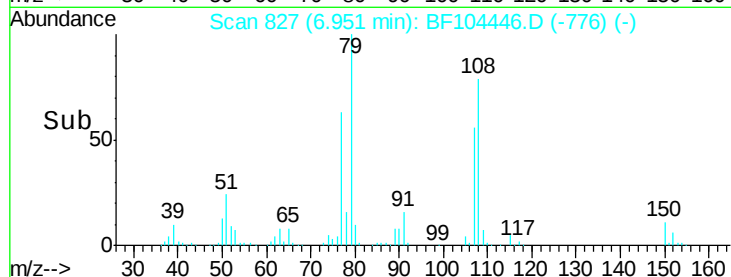
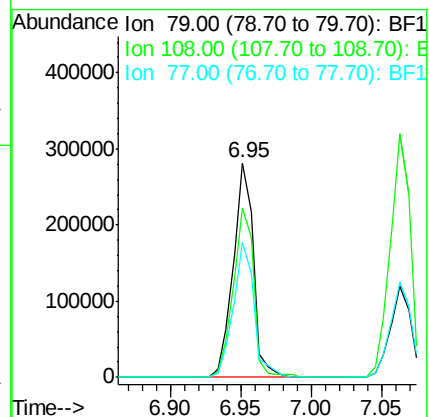
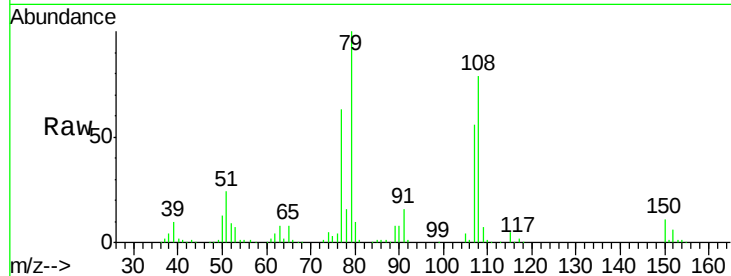
Tot Ion: 79 Resp: 279149

Ion Ratio Lower Upper

79 100

108 78.9 65.1 97.7

77 62.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.617 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

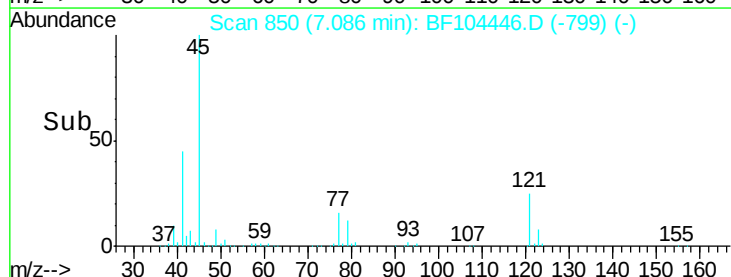
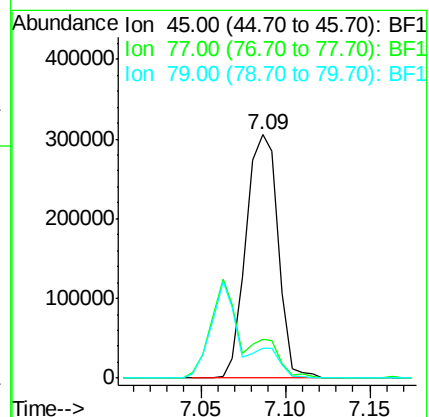
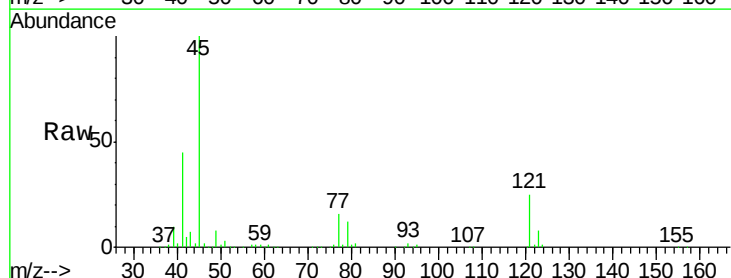
Tgt Ion: 45 Resp: 405218

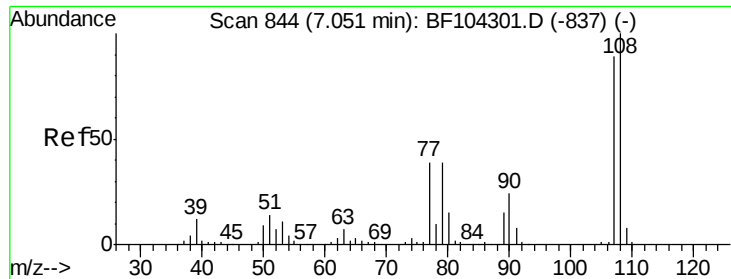
Ion Ratio Lower Upper

45 100

77 16.1 0.0 32.9

79 12.3 0.0 29.6

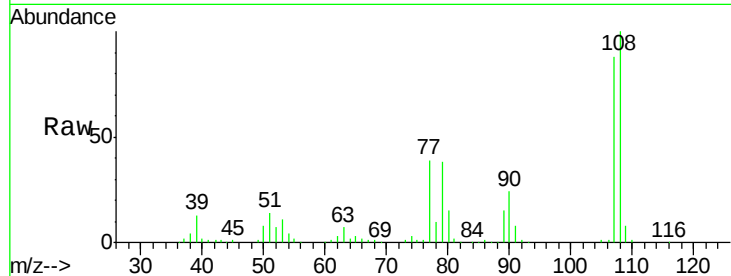




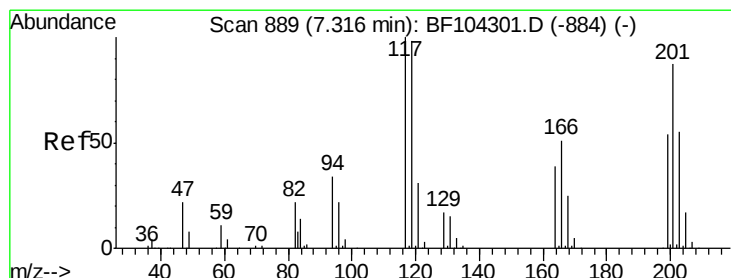
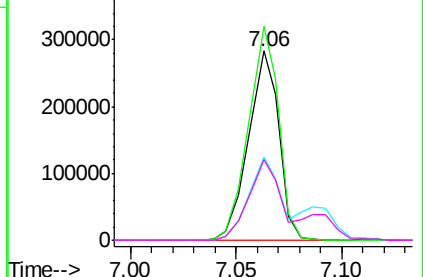
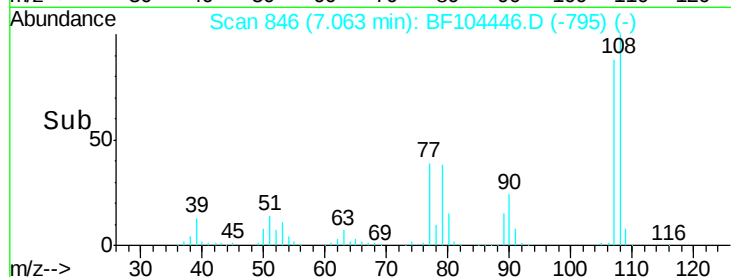
#17
2-Methylphenol
Concen: 37.779 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	44.1	33.8	50.8
79	42.6	33.8	50.8

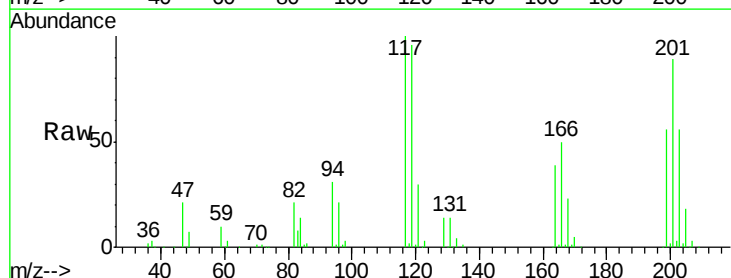


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

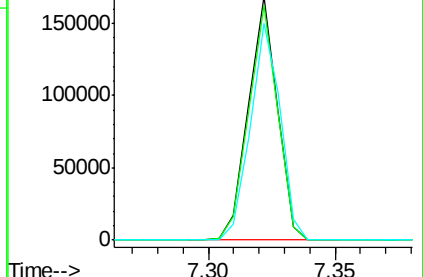
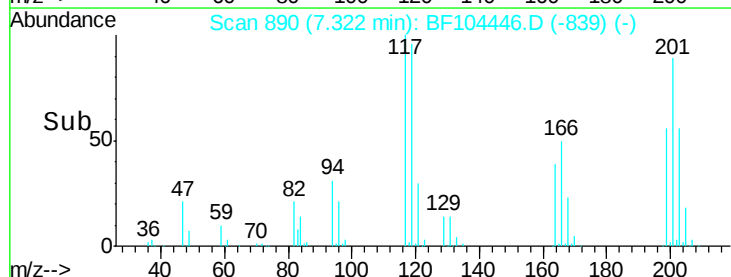


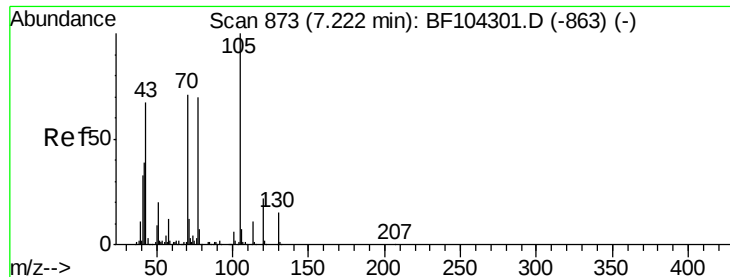
#18
Hexachloroethane
Concen: 38.698 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	88.8	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

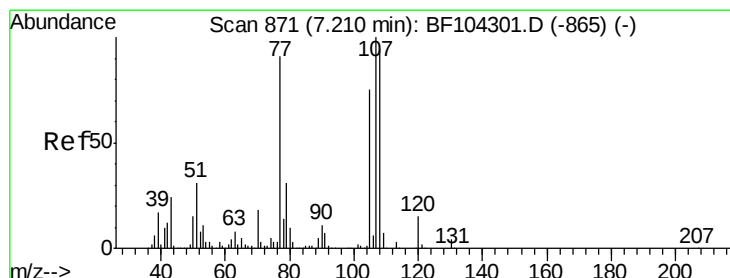
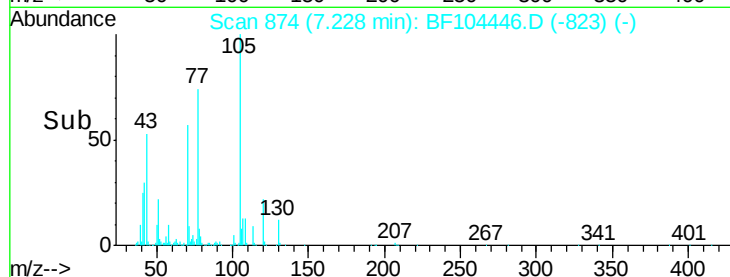
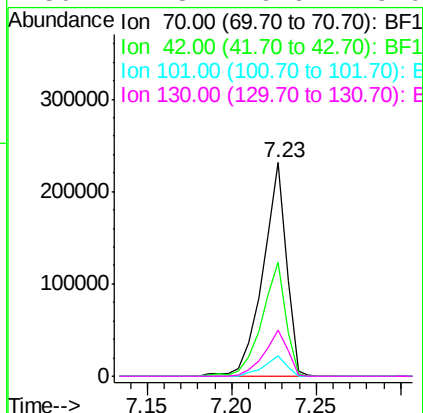
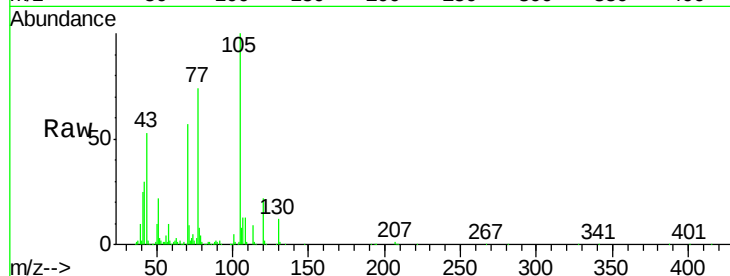




#19
n-Nitroso-di-n-propylamine
Concen: 34.035 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

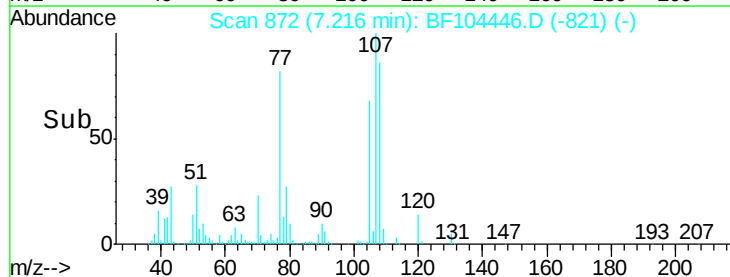
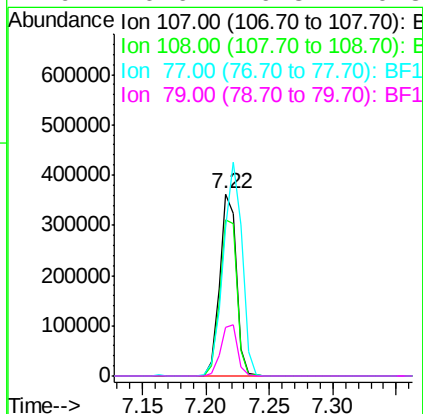
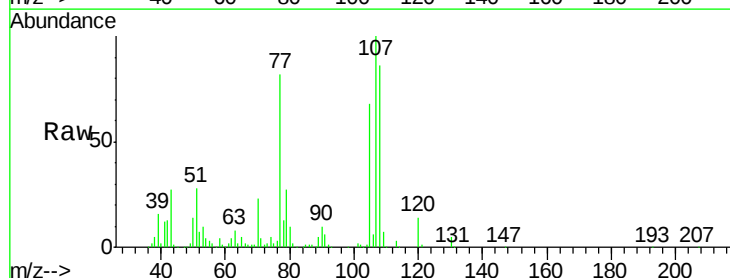
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 222527
Ion Ratio Lower Upper
70 100
42 53.4 47.5 71.3
101 9.4 7.4 11.2
130 21.8 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.359 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:107 Resp: 336903
Ion Ratio Lower Upper
107 100
108 86.1 68.2 108.2
77 81.8 26.7 66.7#
79 26.6 6.3 46.3

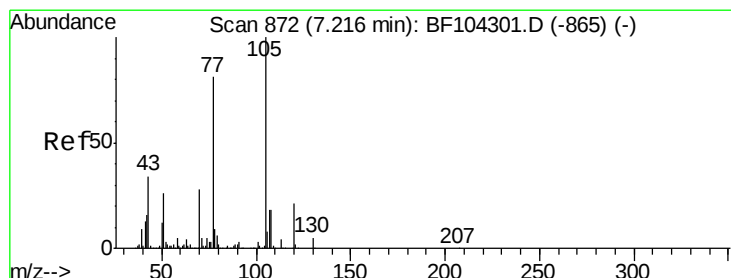
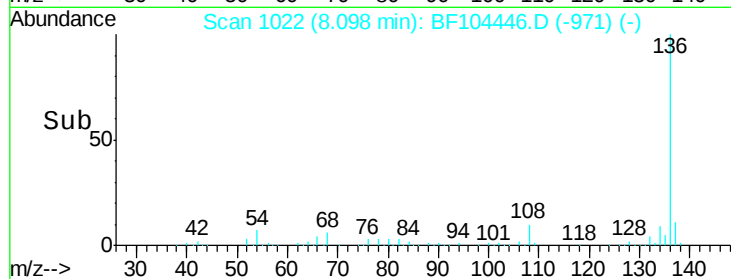
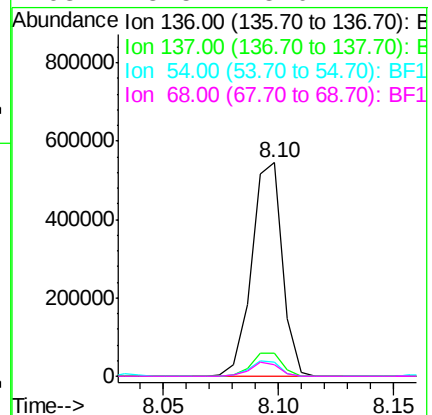
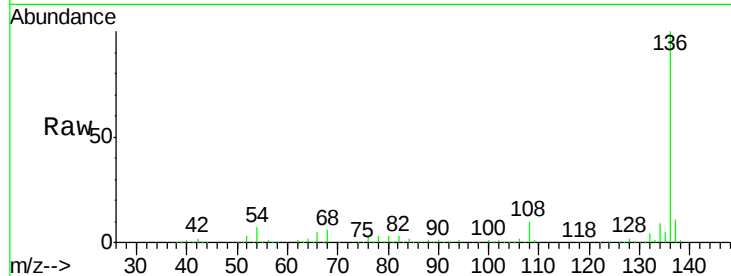




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

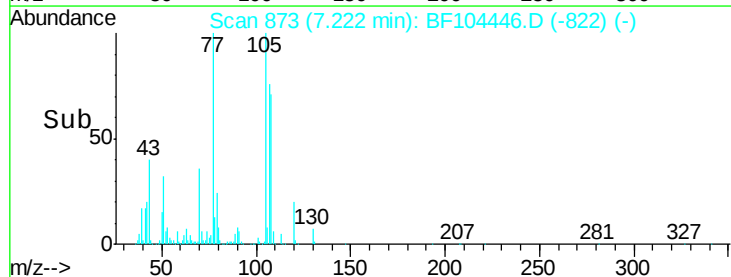
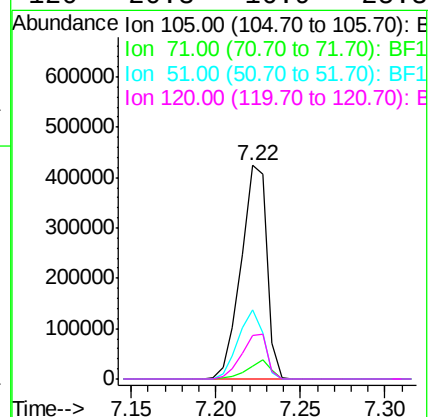
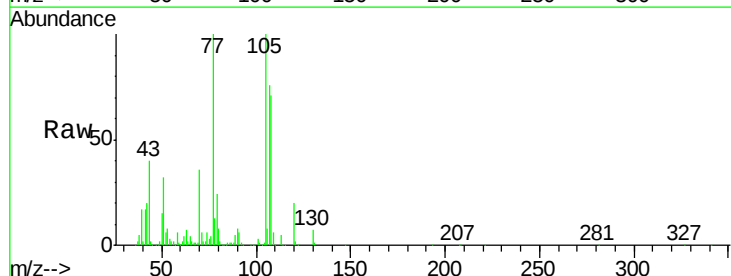
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

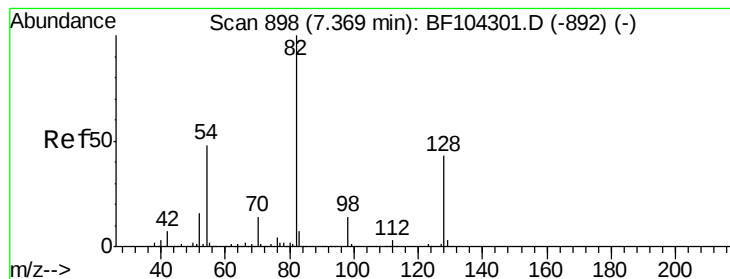
Tot Ion:136	Resp:	506895
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.5	6.6 9.8#
68	5.5	5.0 7.4



#22
Acetophenone
Concen: 36.243 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:105	Resp:	452298
Ion Ratio	Lower	Upper
105	100	
71	5.9	4.4 6.6
51	32.2	22.3 33.5
120	20.3	16.9 25.3





#23

Nitrobenzene-d5

Concen: 84.197 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

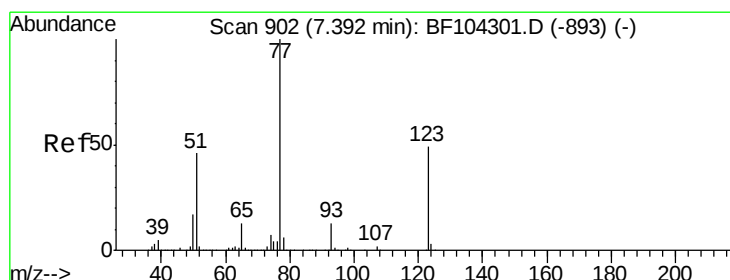
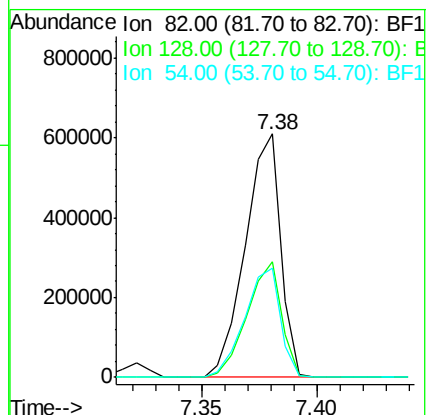
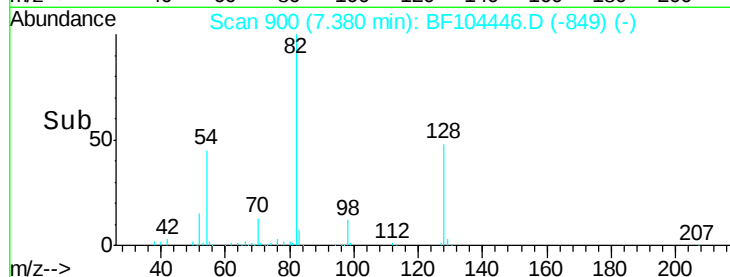
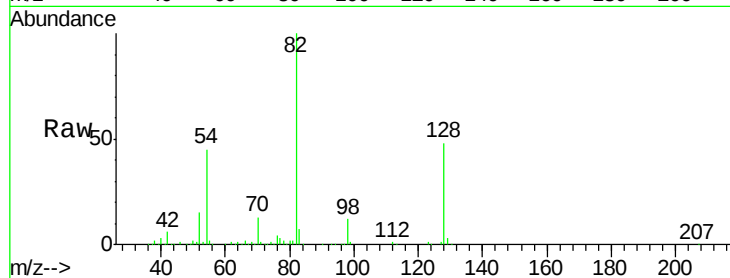
Tot Ion: 82 Resp: 653602

Ion Ratio Lower Upper

82 100

128 47.7 36.1 54.1

54 45.0 41.4 62.2



#24

Nitrobenzene

Concen: 40.672 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

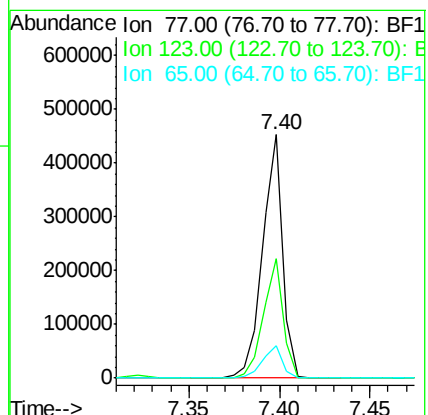
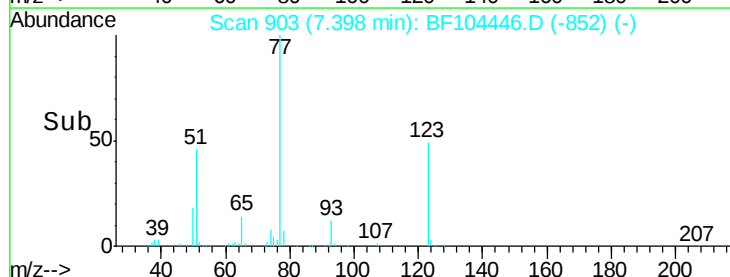
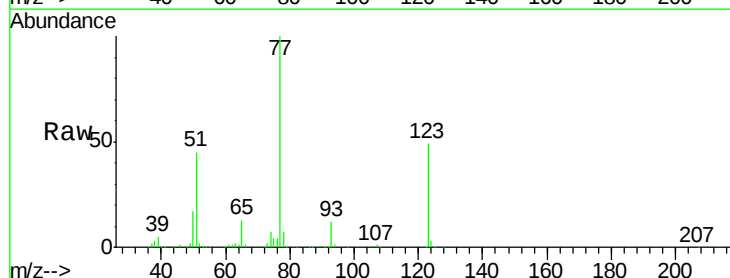
Tgt Ion: 77 Resp: 348584

Ion Ratio Lower Upper

77 100

123 49.3 37.9 56.9

65 13.1 11.0 16.4





#25

Isophorone

Concen: 36.421 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

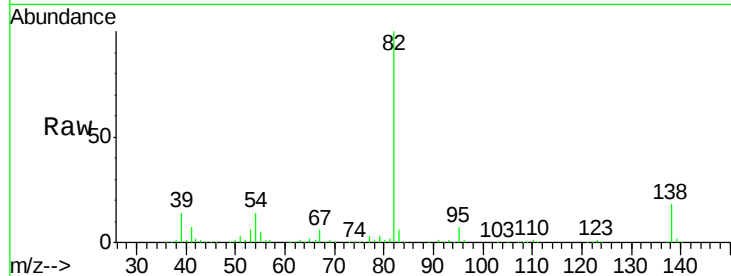
Tot Ion: 82 Resp: 597868

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

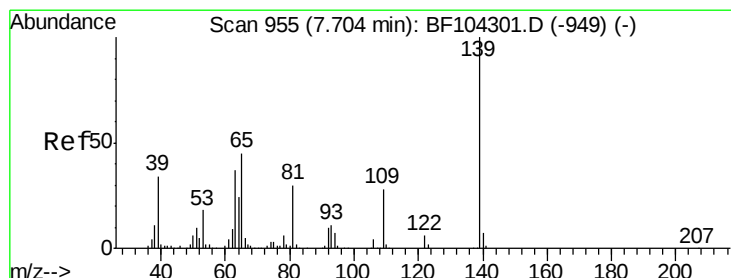
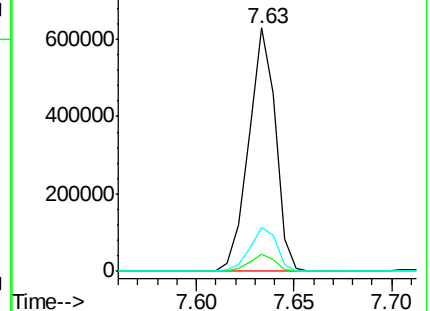
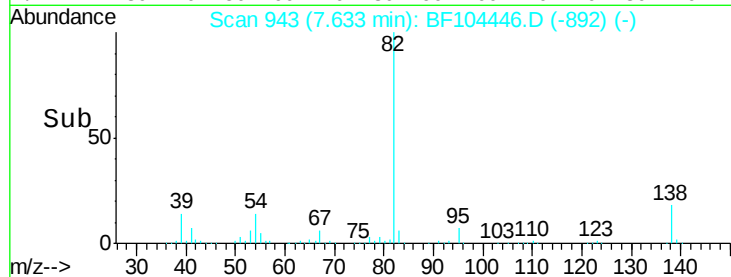
138 17.9 14.9 22.3



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: 50.374 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

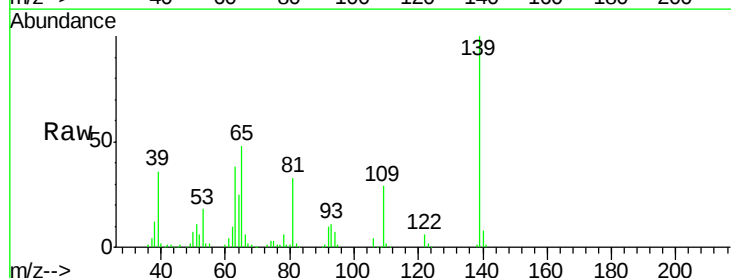
Tgt Ion: 139 Resp: 175760

Ion Ratio Lower Upper

139 100

109 28.7 22.7 34.1

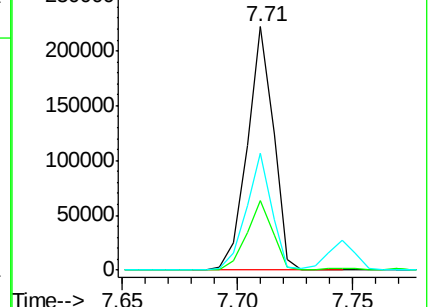
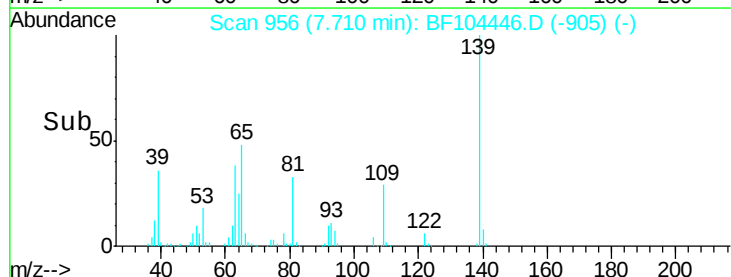
65 47.8 40.5 60.7

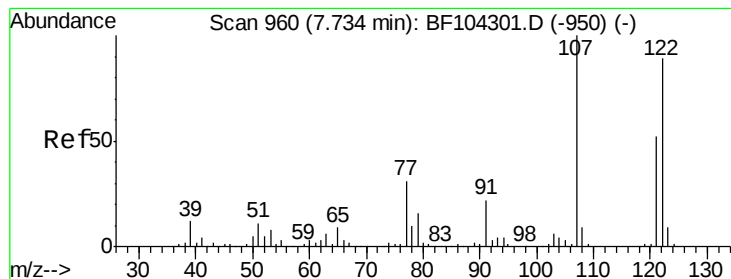


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.188 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

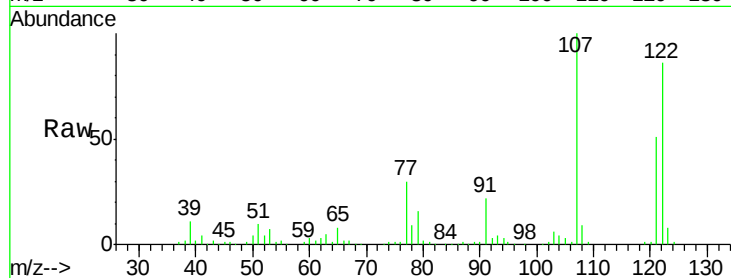
Tot Ion:122 Resp: 254930

Ion Ratio Lower Upper

122 100

107 115.7 91.2 136.8

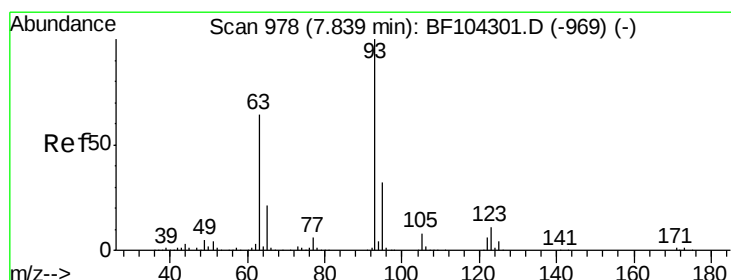
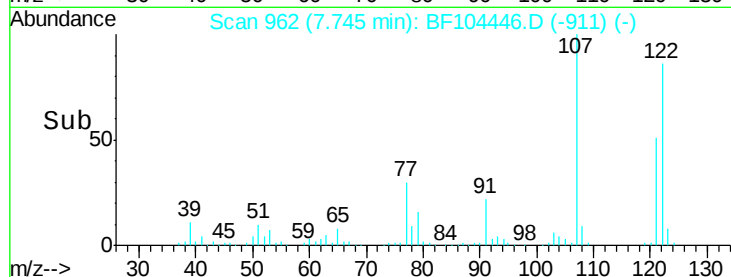
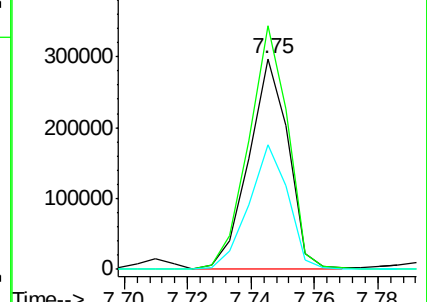
121 59.0 47.2 70.8



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: 37.008 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

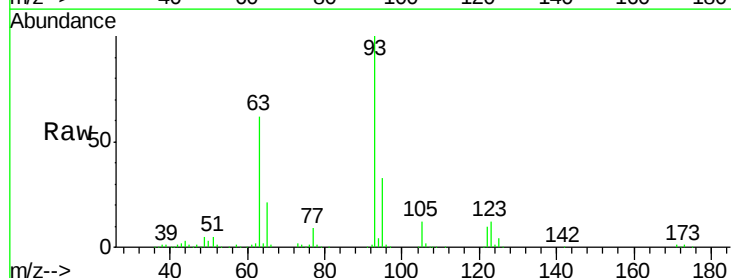
Tgt Ion: 93 Resp: 371438

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

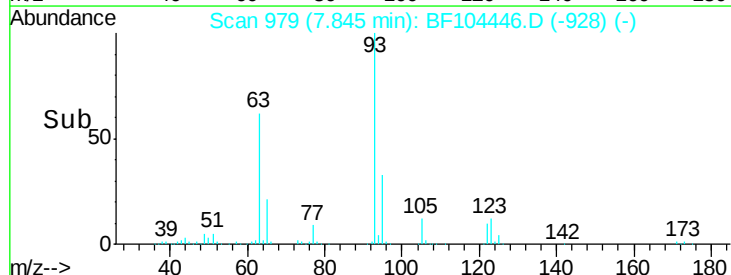
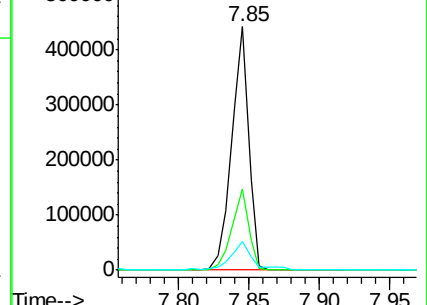
123 11.8 9.8 14.6



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: 38.279 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

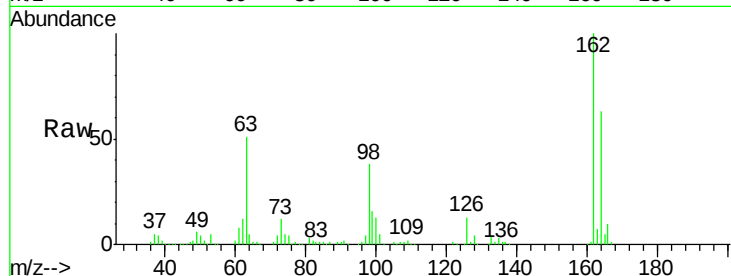
Tot Ion:162 Resp: 264604

Ion Ratio Lower Upper

162 100

164 63.4 42.7 82.7

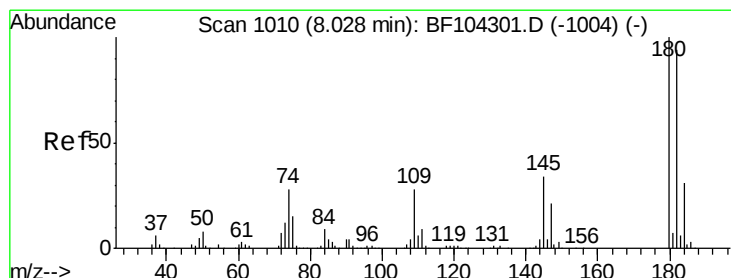
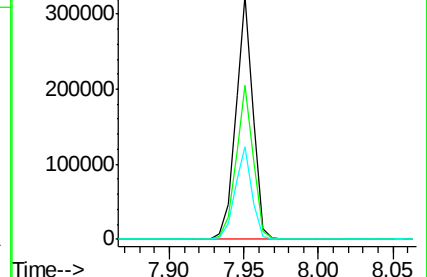
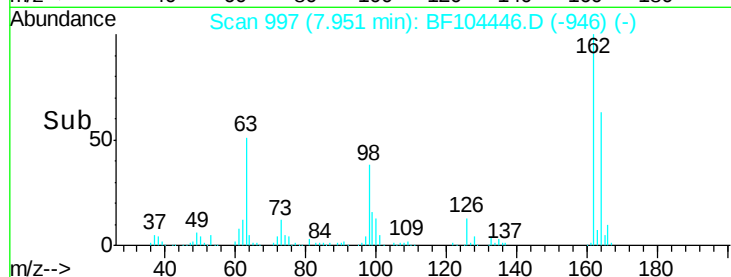
98 38.2 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.192 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

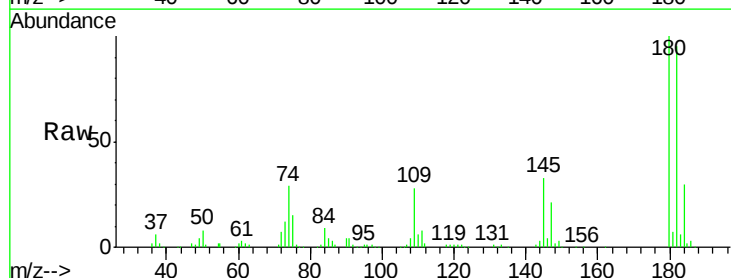
Tgt Ion:180 Resp: 289732

Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

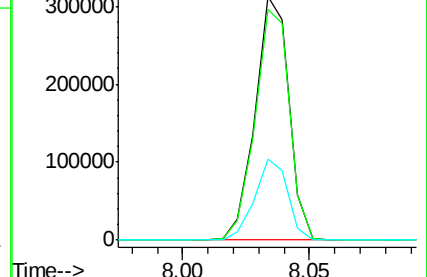
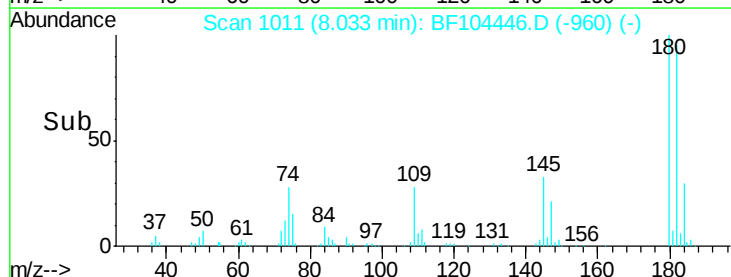
145 33.4 26.5 39.7

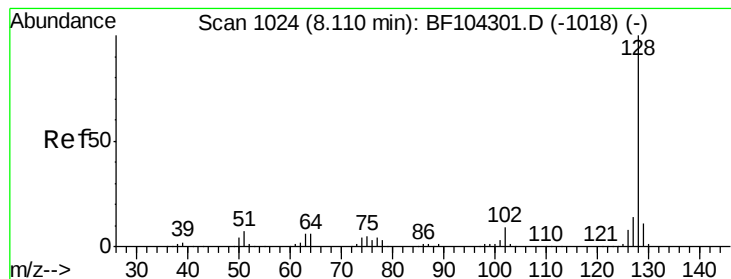


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.387 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

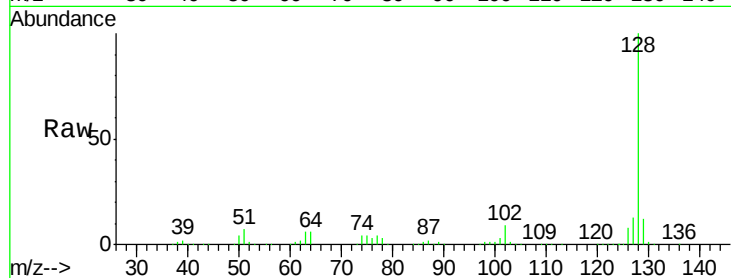
Tot Ion:128 Resp: 943685

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

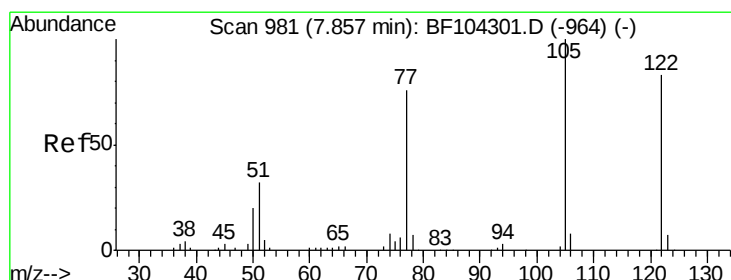
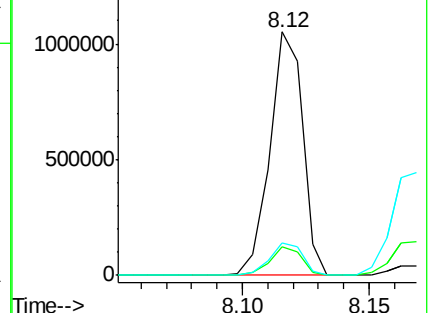
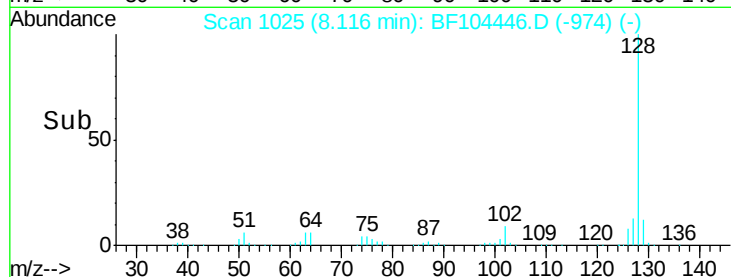
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.292 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

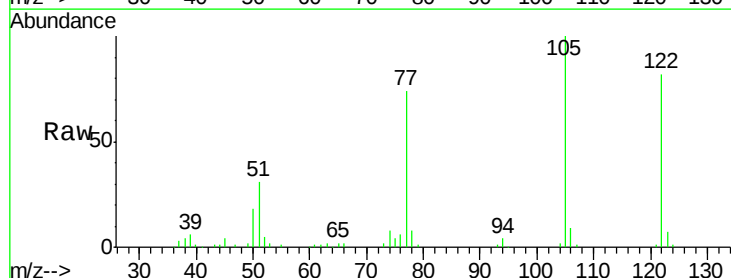
Tgt Ion:122 Resp: 215566

Ion Ratio Lower Upper

122 100

105 122.0 101.1 141.1

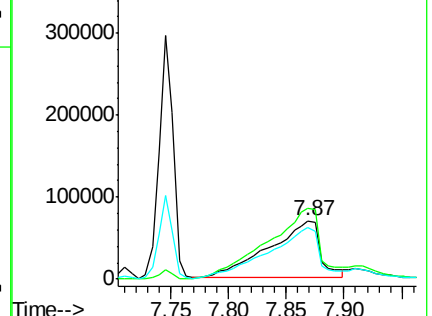
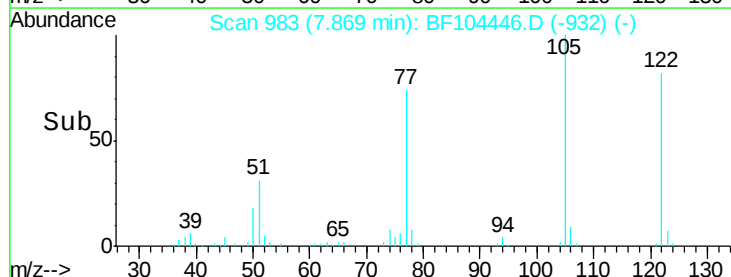
77 89.7 70.7 110.7

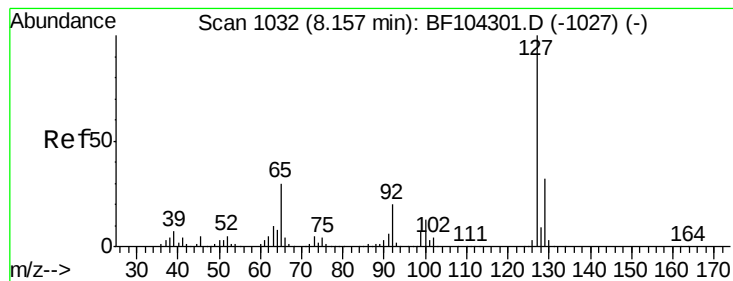


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 37.859 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 409392

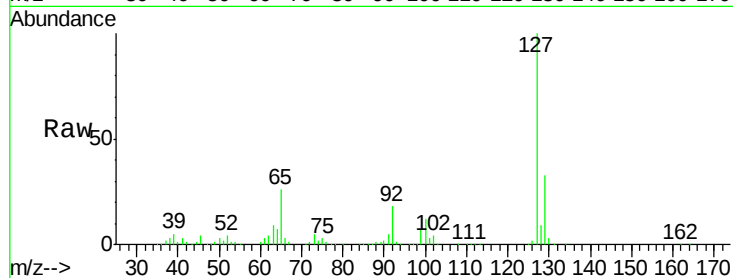
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 26.5 25.0 37.4

92 17.6 15.2 22.8

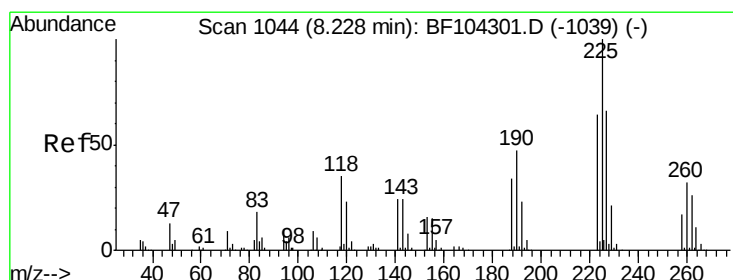
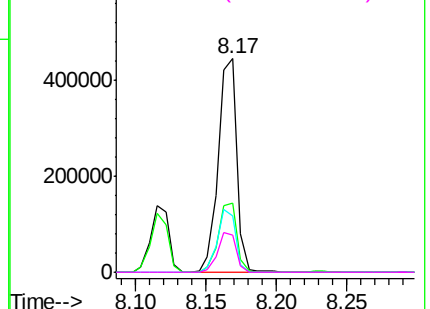
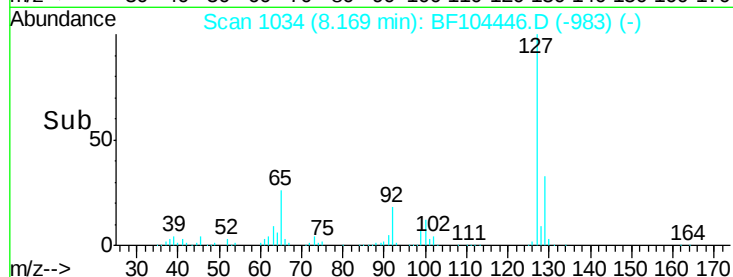


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.084 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

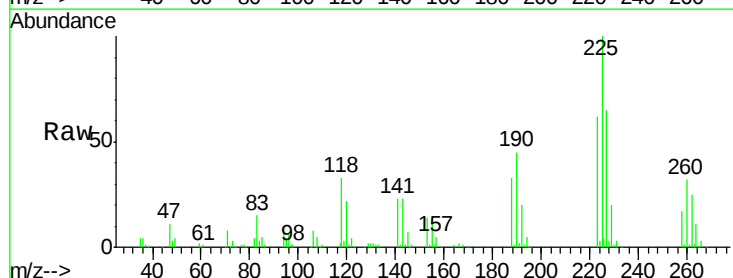
Tgt Ion:225 Resp: 162404

Ion Ratio Lower Upper

225 100

223 61.5 50.6 76.0

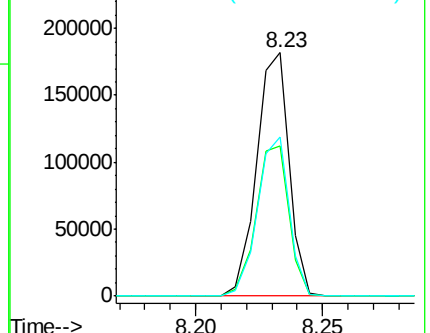
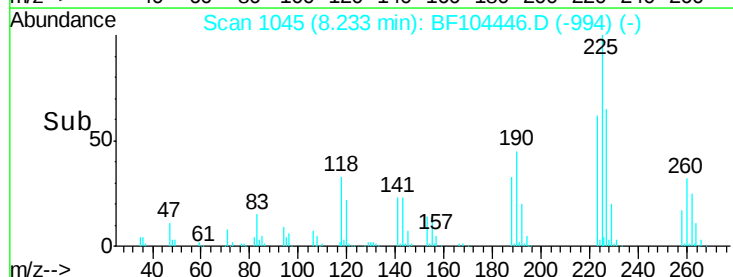
227 65.3 51.9 77.9

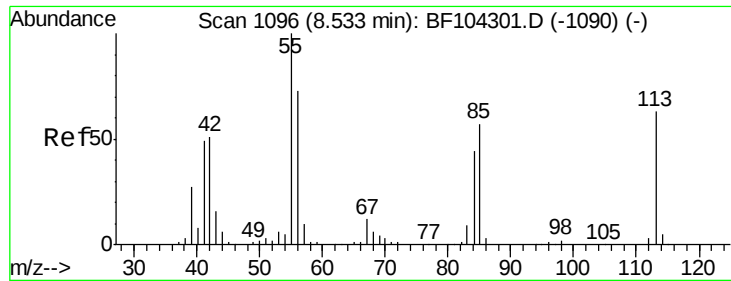


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

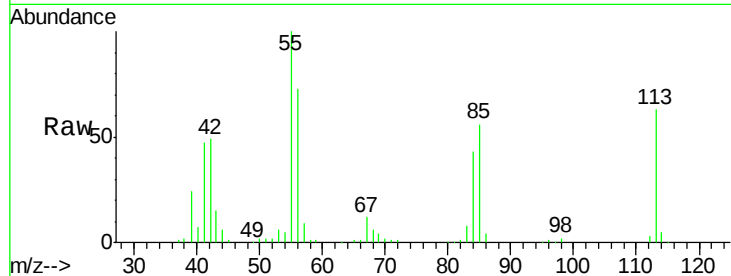




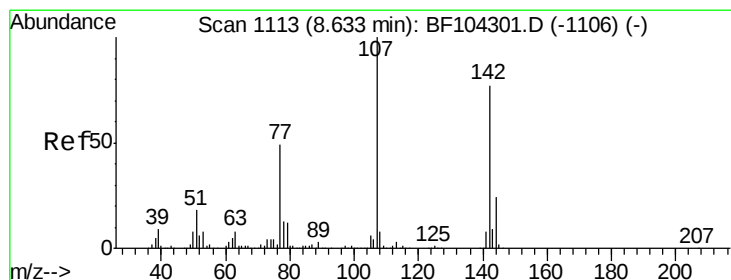
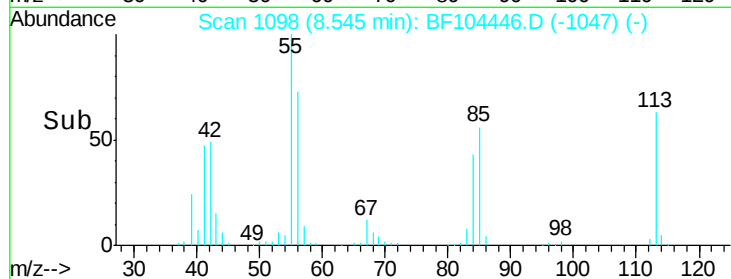
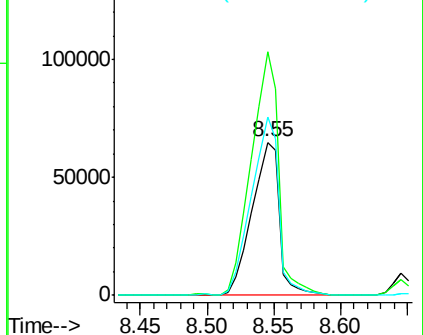
#35
Caprolactam
Concen: 37.924 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 91450
Ion Ratio Lower Upper
113 100
55 158.9 163.3 203.3#
56 116.1 115.7 155.7

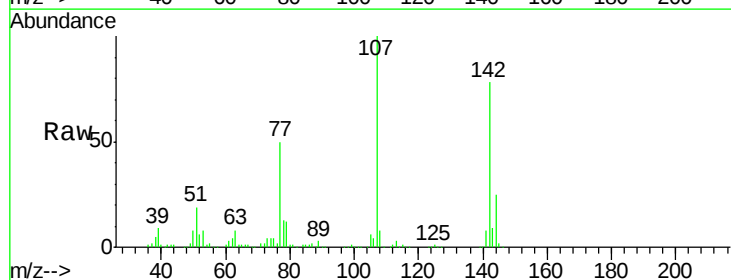


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

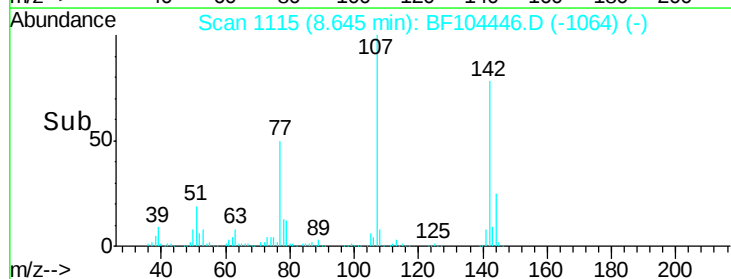
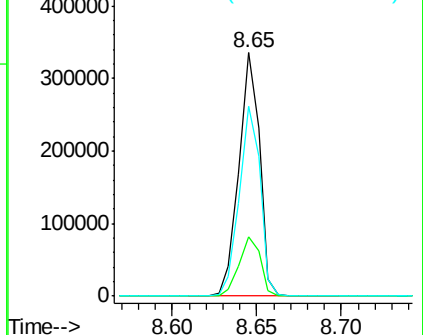


#36
4-Chloro-3-methylphenol
Concen: 38.570 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:107 Resp: 285879
Ion Ratio Lower Upper
107 100
144 24.6 20.5 30.7
142 78.2 62.0 93.0



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

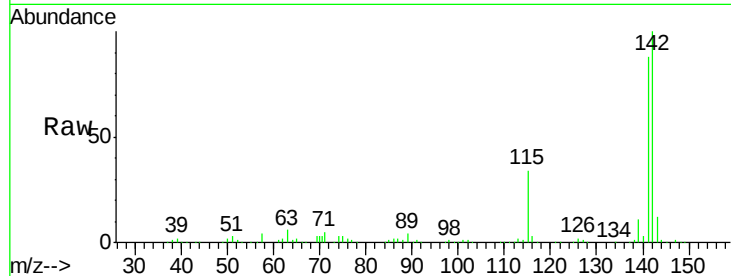




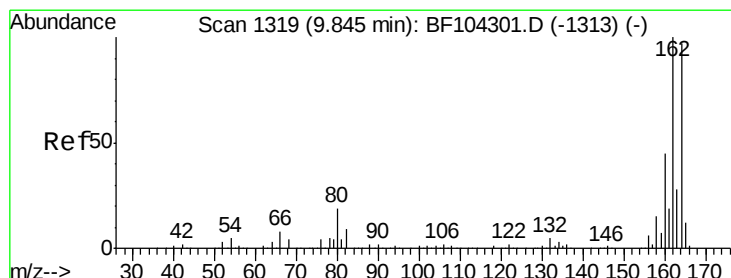
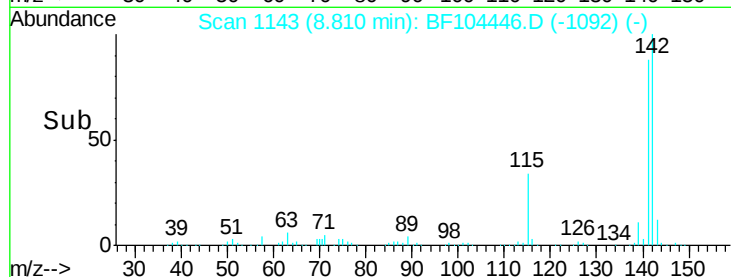
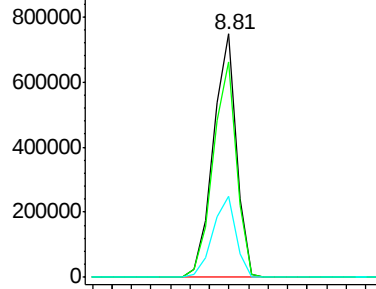
#37
 2-Methylnaphthalene
 Concen: 37.569 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 613392
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.8 106.2
 115 33.5 26.1 39.1

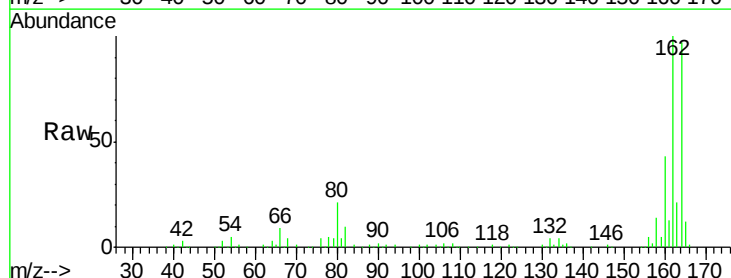


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

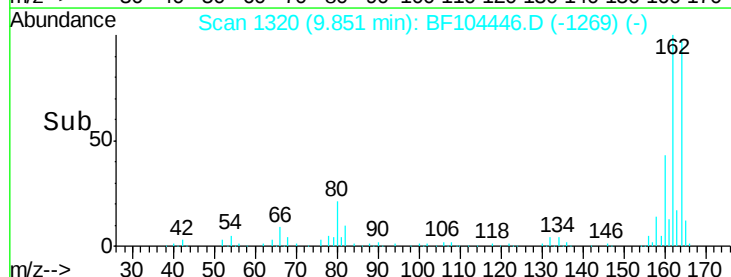
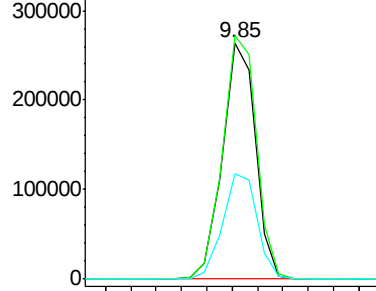


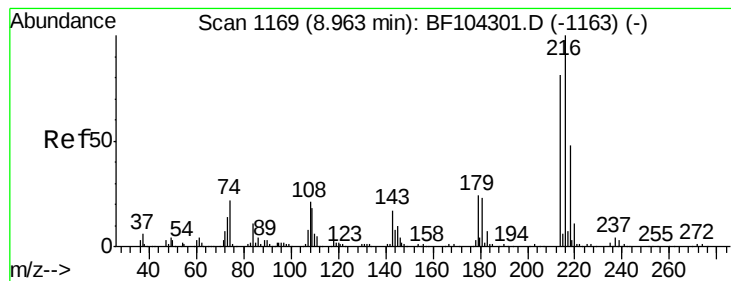
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion:164 Resp: 240307
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 44.8 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.015 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 268380

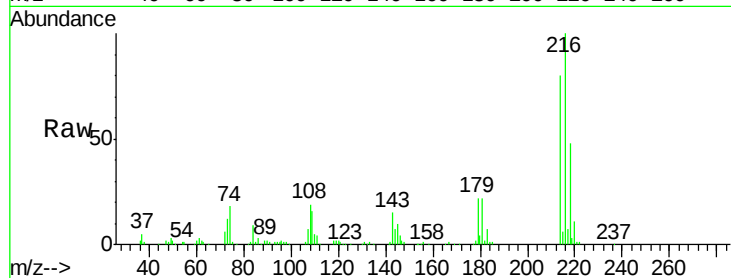
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 22.2 18.1 27.1

108 20.9 17.2 25.8

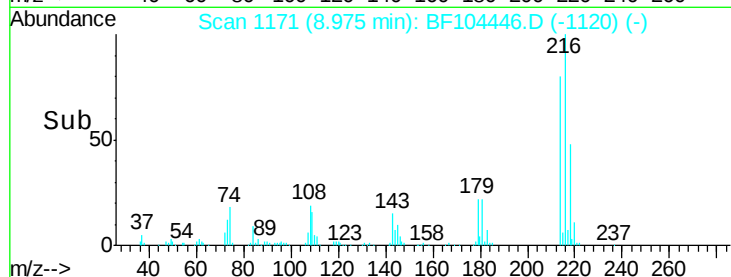


Abundance Ion 216.00 (215.70 to 216.70): E

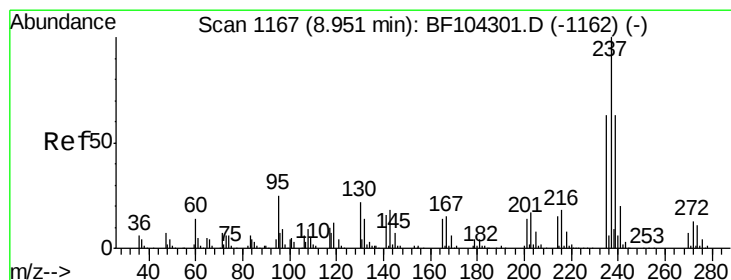
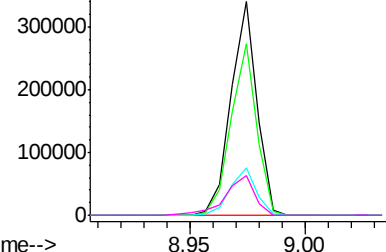
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 40.742 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

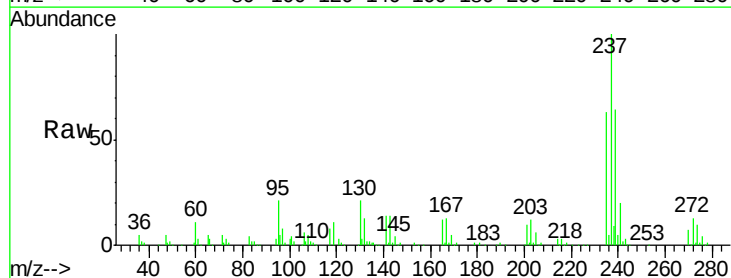
Tgt Ion:237 Resp: 156903

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

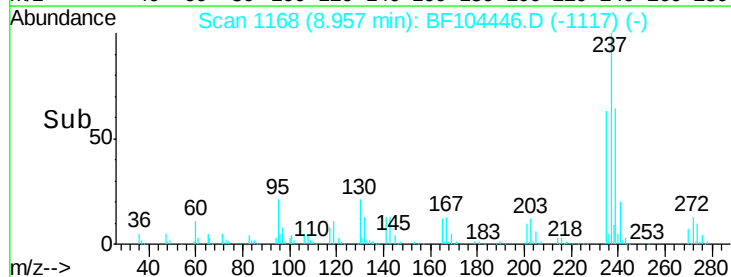
272 13.4 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

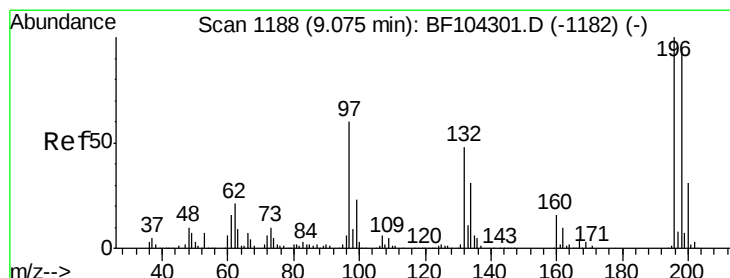
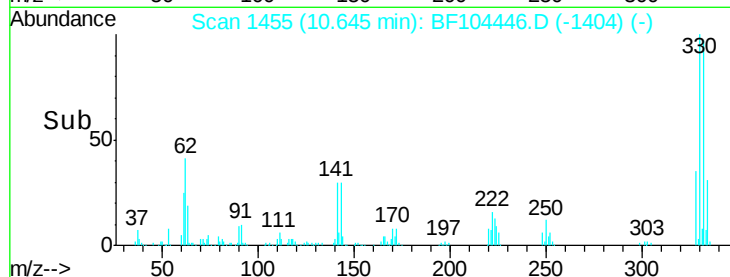
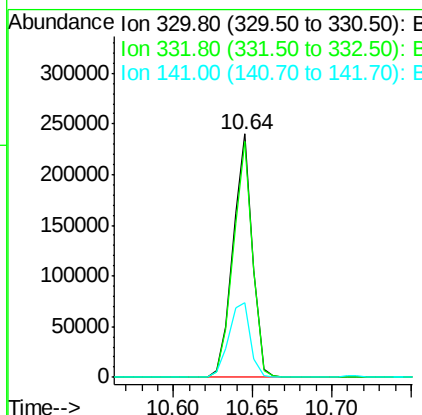
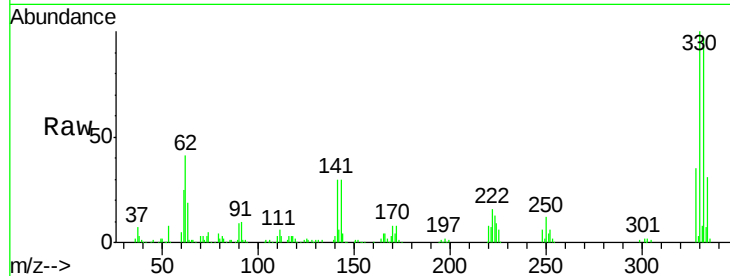




#41
 2,4,6-Tribromophenol
 Concen: 81.579 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

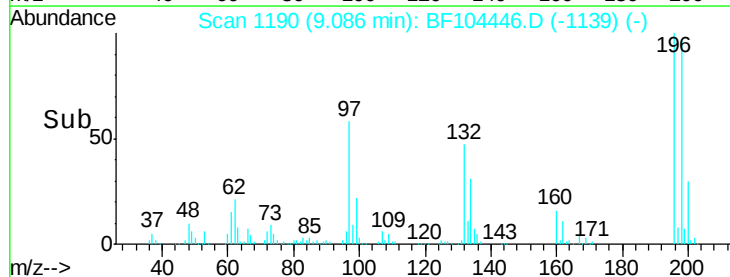
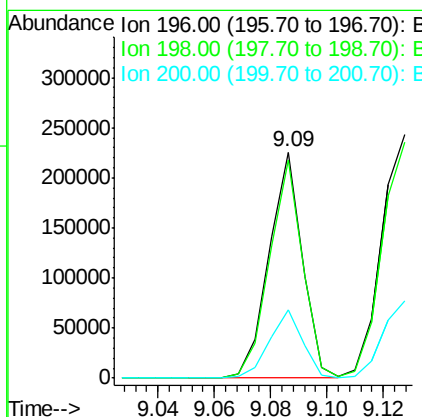
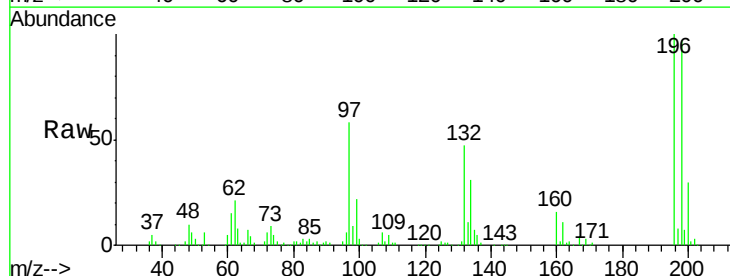
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

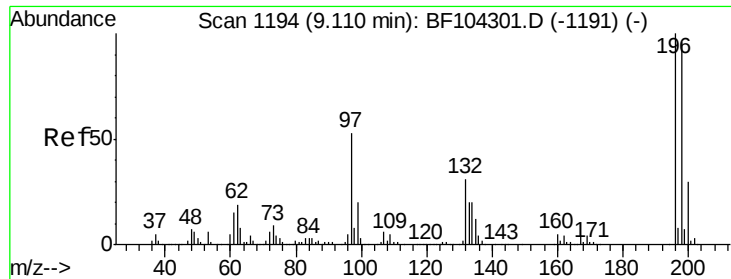
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.904 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.7	113.5
200	30.4	24.5	36.7

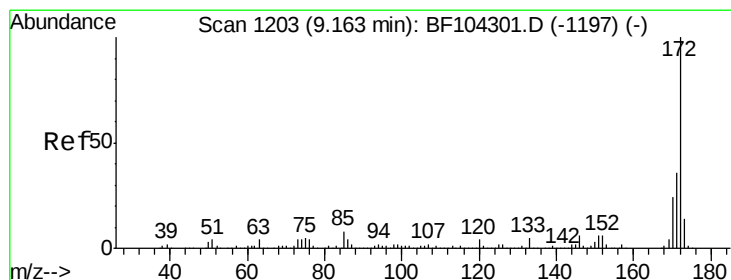
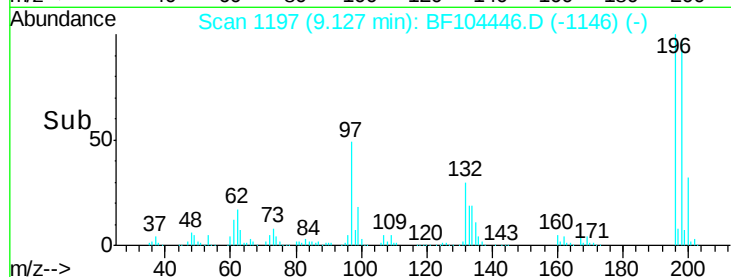
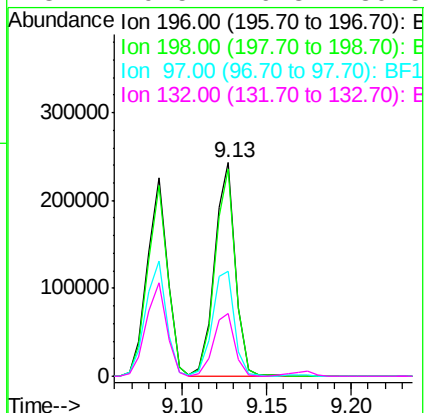
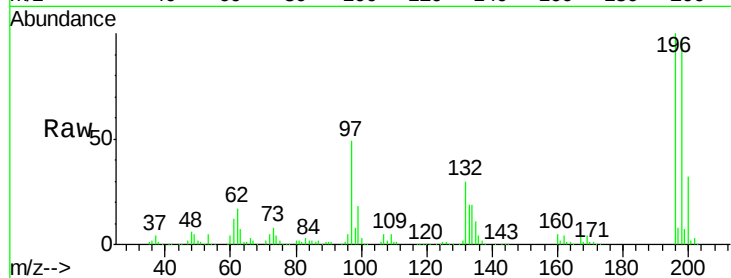




#43
 2,4,5-Trichlorophenol
 Concen: 39.232 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

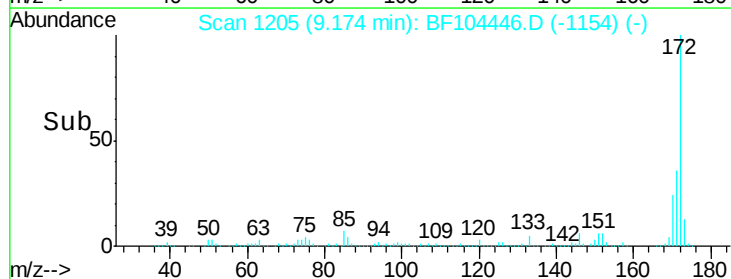
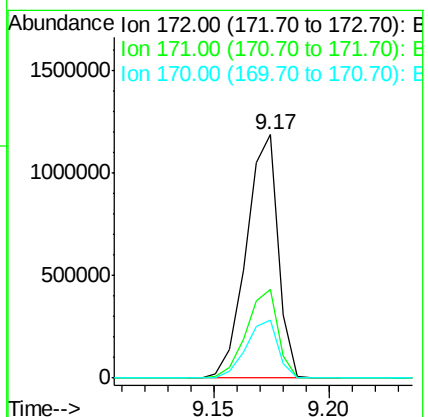
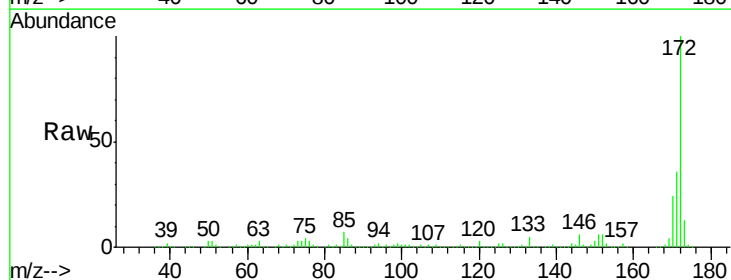
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

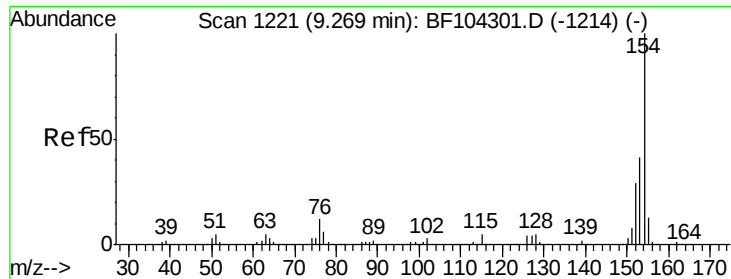
Tot Ion:196	Resp:	209643
Ion Ratio	Lower	Upper
196	100	
198	96.9	74.6 112.0
97	49.2	42.9 64.3
132	29.5	26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 75.316 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion:172	Resp:	1145682
Ion Ratio	Lower	Upper
172	100	
171	36.2	29.7 44.5
170	24.1	19.6 29.4

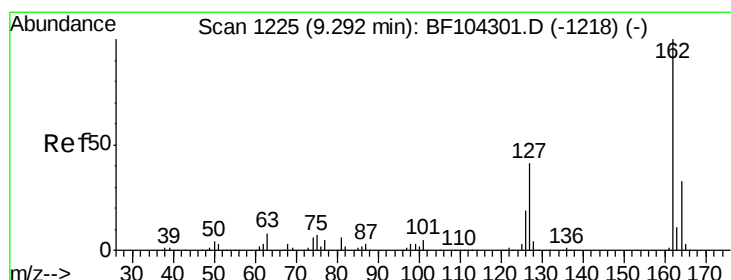
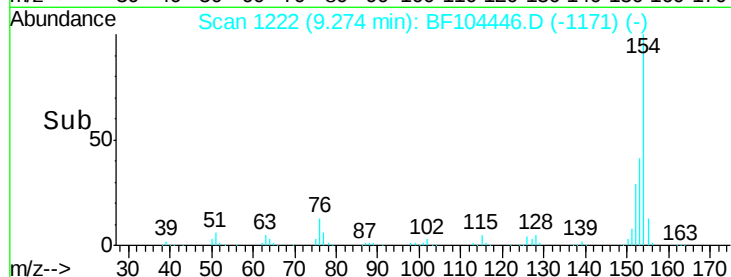
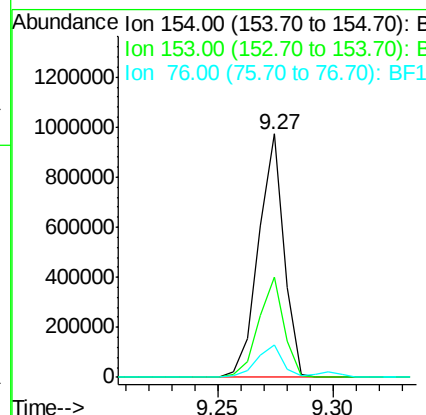
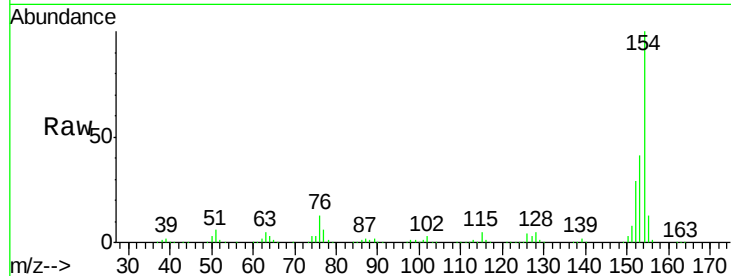




#45
 1,1'-Biphenyl
 Concen: 37.234 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

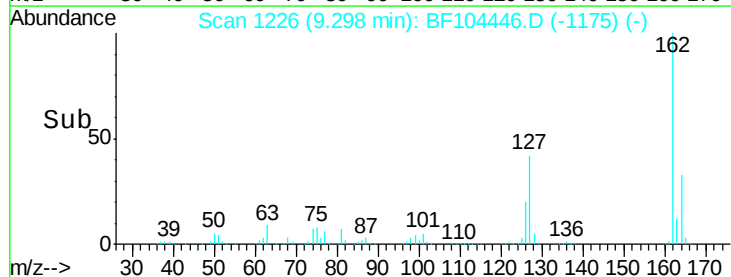
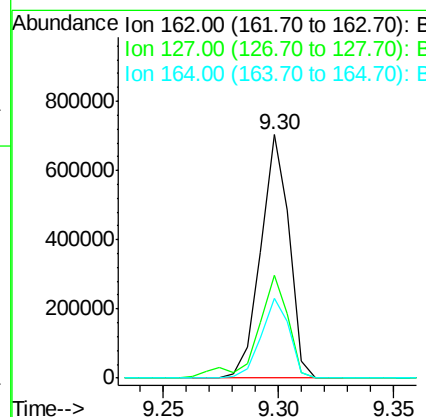
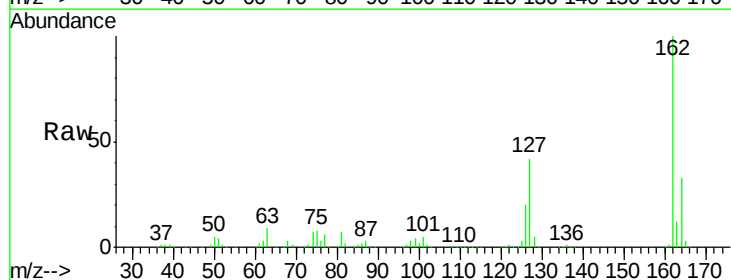
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 751657
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 13.3 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 37.823 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion:162 Resp: 603114
 Ion Ratio Lower Upper
 162 100
 127 42.5 33.9 50.9
 164 32.8 26.5 39.7

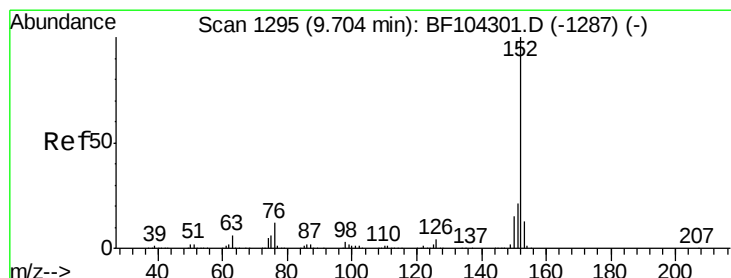
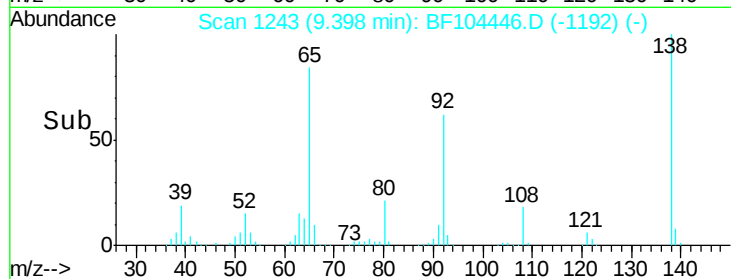
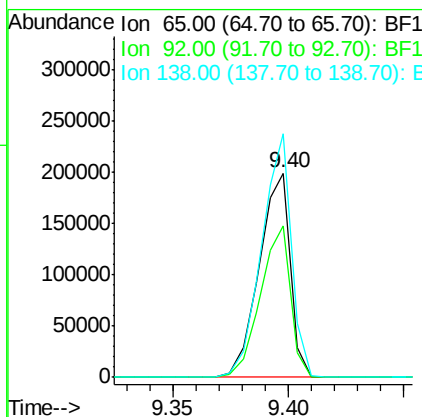
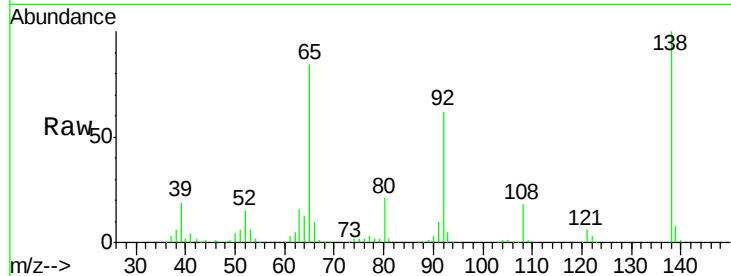




#47
 2-Nitroaniline
 Concen: 47.399 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

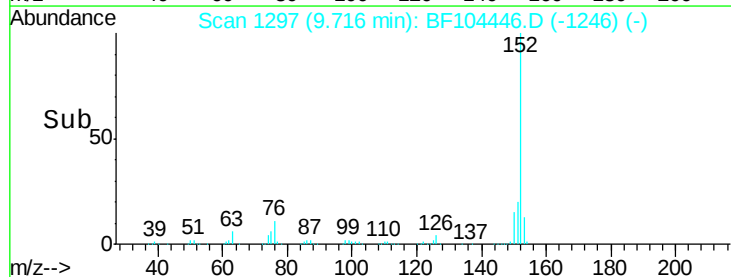
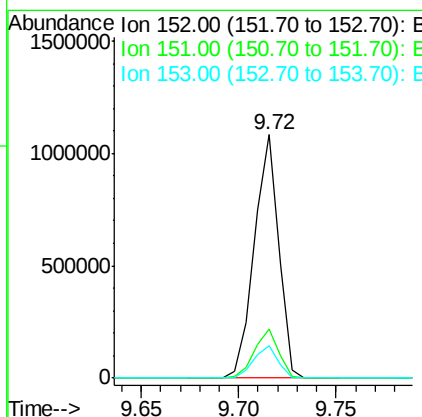
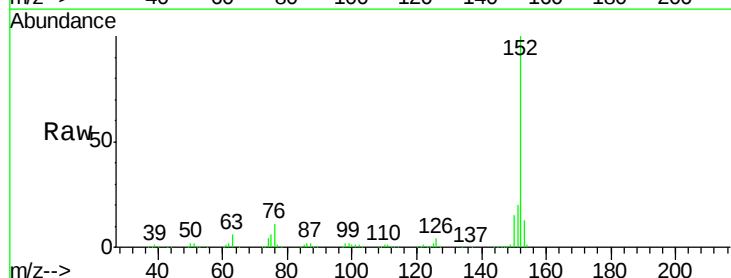
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion: 65 Resp: 186910
 Ion Ratio Lower Upper
 65 100
 92 74.2 55.8 83.6
 138 119.4 91.2 136.8



#48
 Acenaphthylene
 Concen: 37.492 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion: 152 Resp: 937983
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.5 10.7 16.1

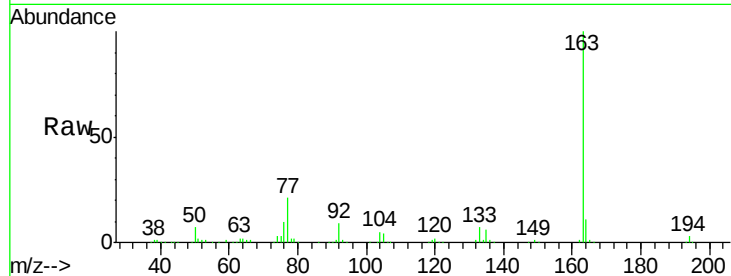




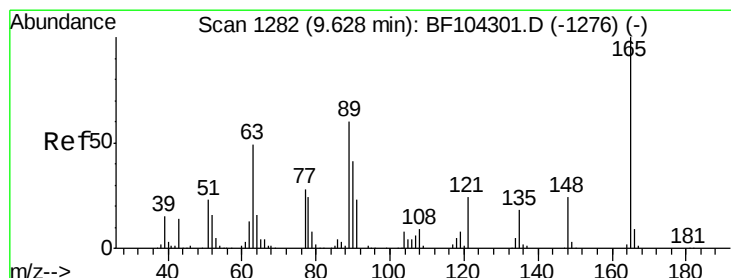
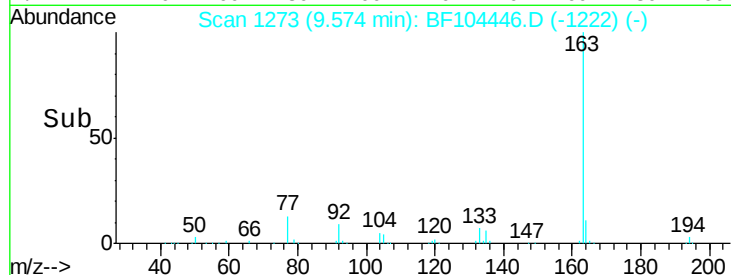
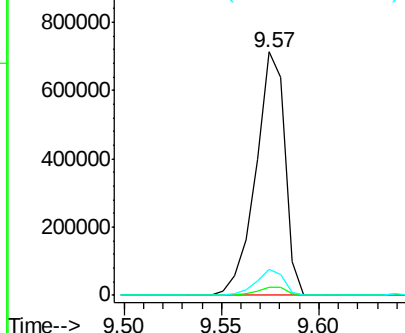
#49
Dimethylphthalate
Concen: 38.886 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 736884
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2

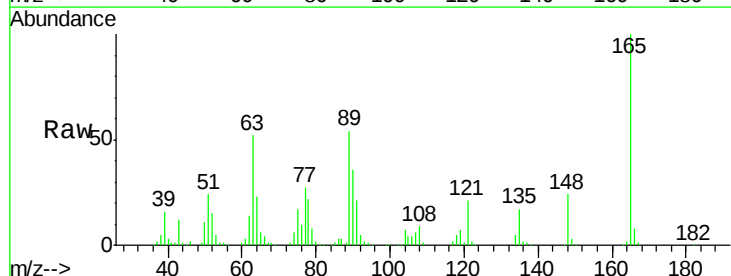


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

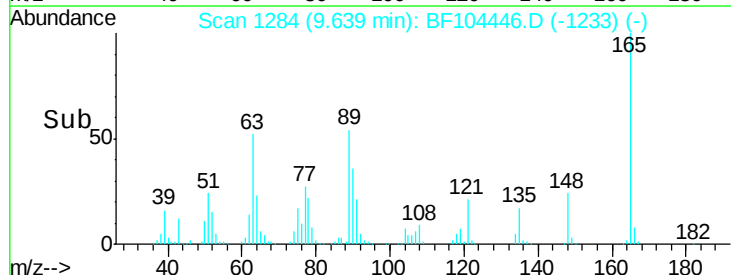
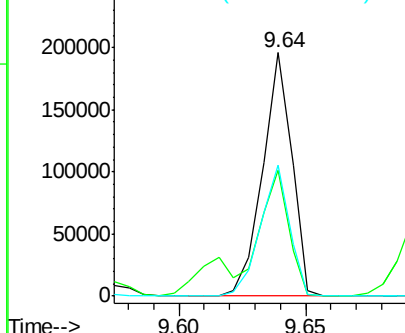


#50
2,6-Dinitrotoluene
Concen: 45.338 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:165 Resp: 158977
Ion Ratio Lower Upper
165 100
63 51.9 44.7 67.1
89 54.1 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: 36.037 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

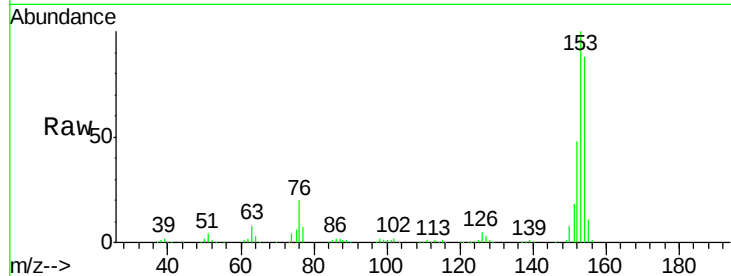
Tot Ion:154 Resp: 550086

Ion Ratio Lower Upper

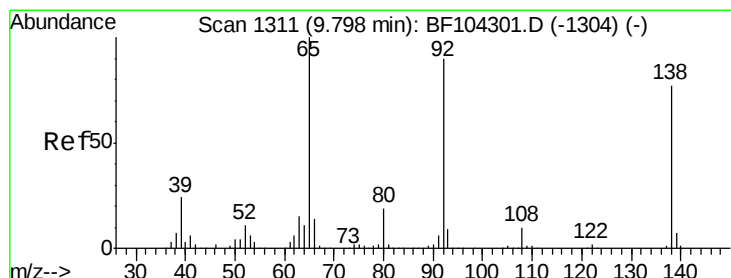
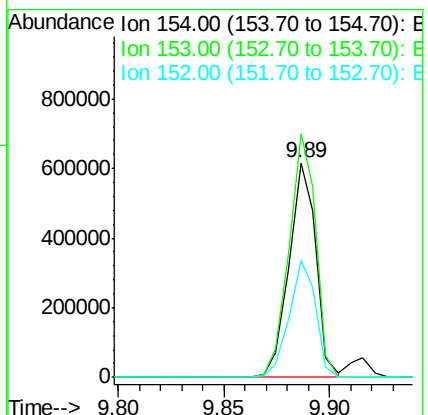
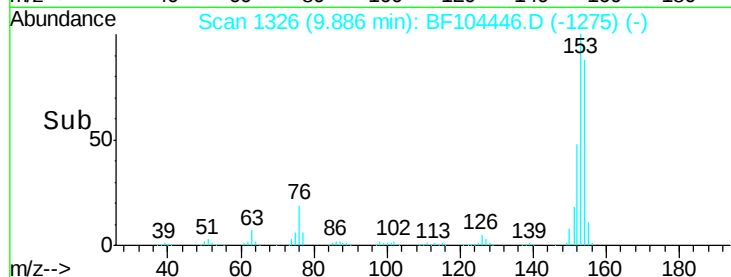
154 100

153 113.4 91.2 136.8

152 54.2 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: 45.464 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

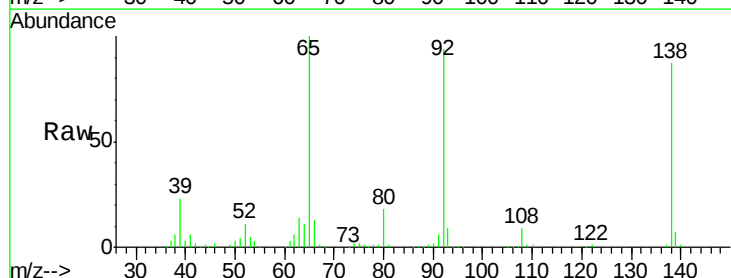
Tgt Ion:138 Resp: 186631

Ion Ratio Lower Upper

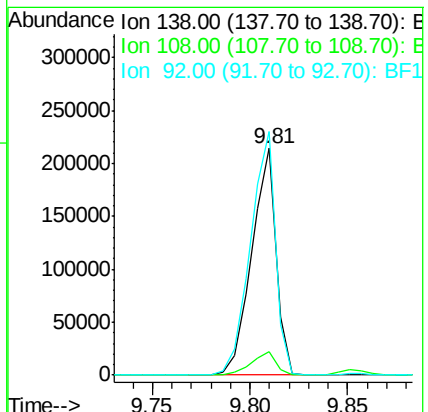
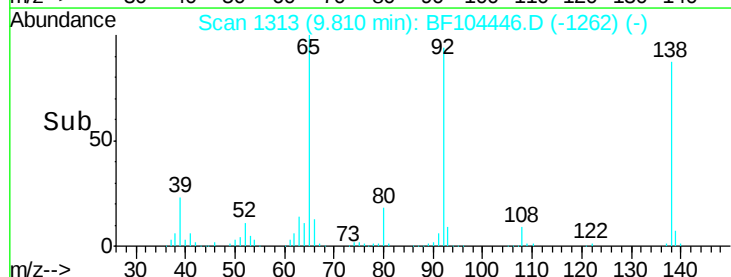
138 100

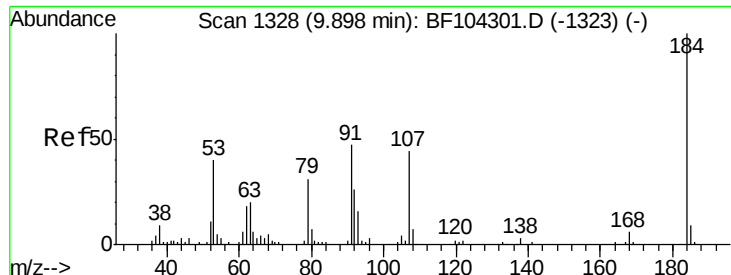
108 10.2 9.4 14.0

92 107.3 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

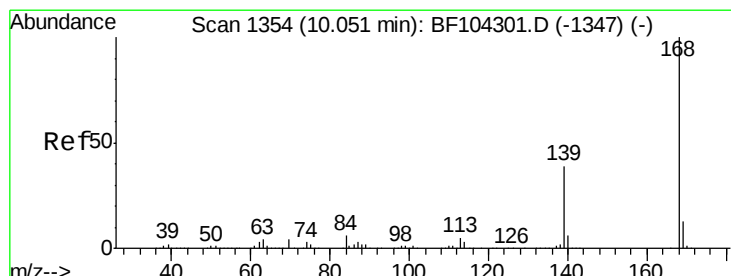
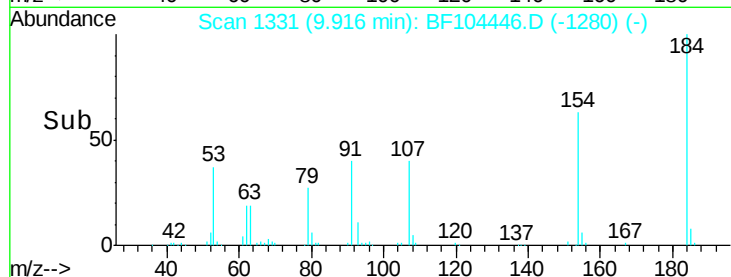
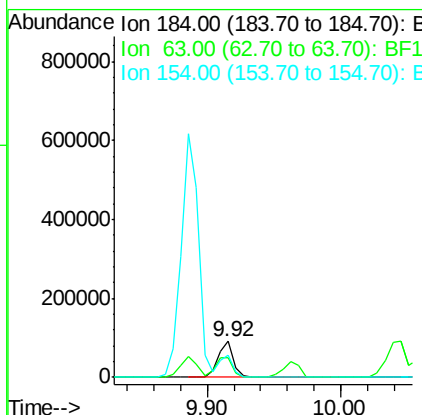
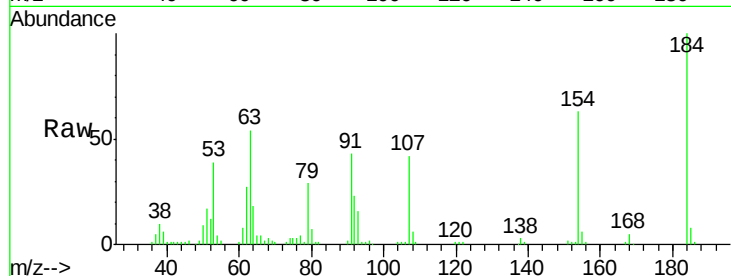




#53
 2,4-Dinitrophenol
 Concen: 58.904 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

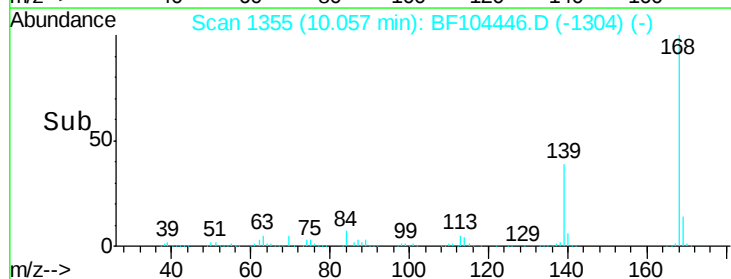
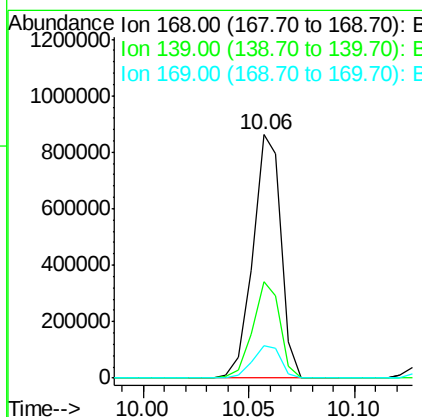
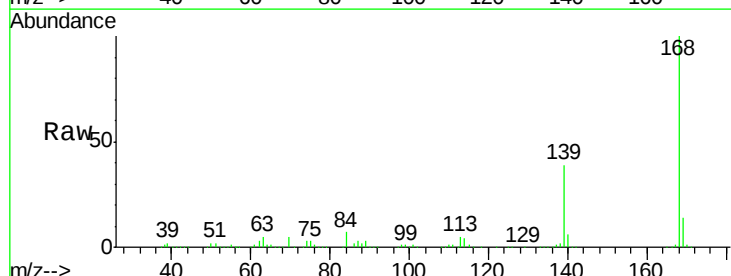
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

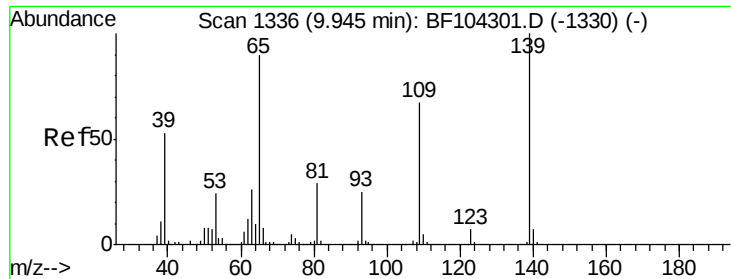
Tot Ion:184 Resp: 74252
 Ion Ratio Lower Upper
 184 100
 63 54.2 54.2 81.2
 154 63.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.490 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion:168 Resp: 797501
 Ion Ratio Lower Upper
 168 100
 139 39.4 30.1 45.1
 169 13.6 10.9 16.3

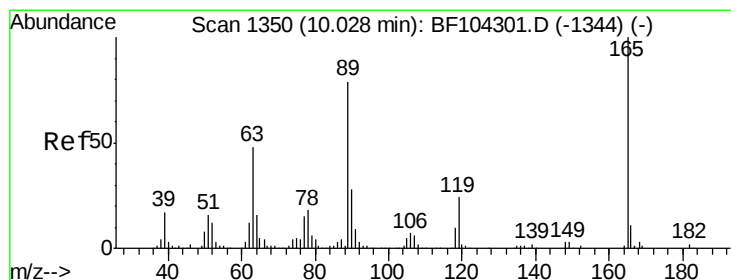
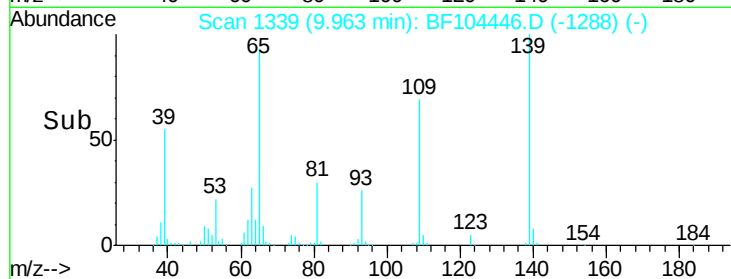
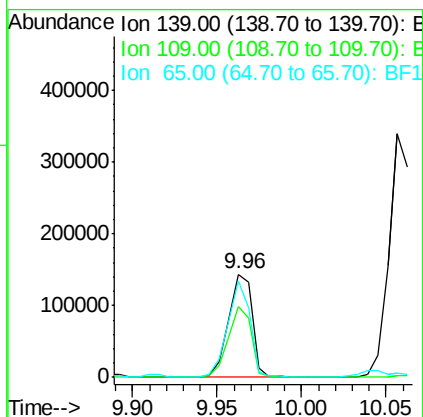
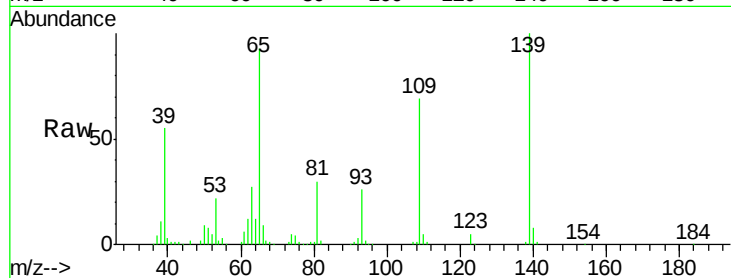




#55
4-Nitrophenol
Concen: 43.710 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

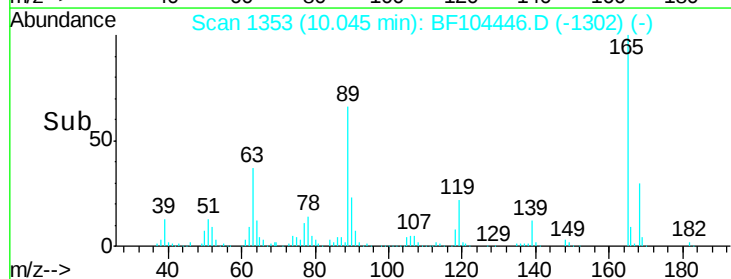
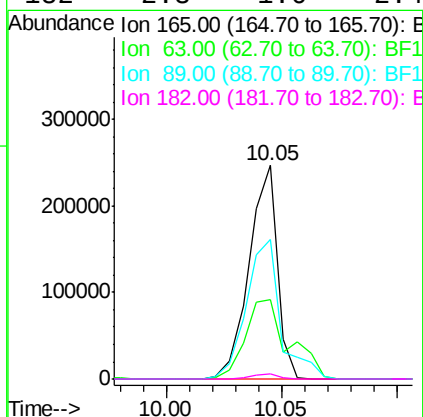
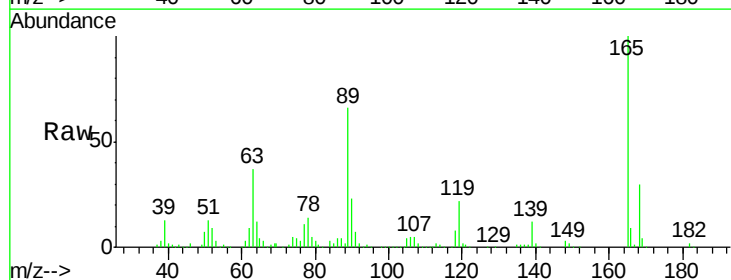
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

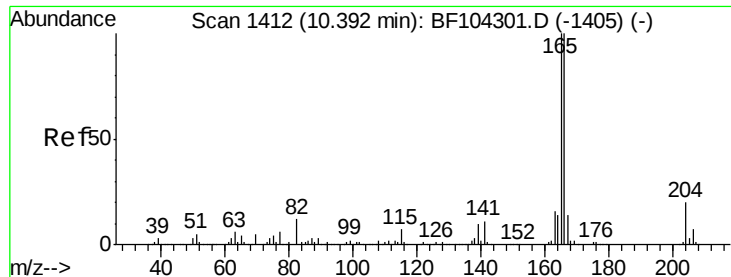
Tot Ion:139 Resp: 140950
Ion Ratio Lower Upper
139 100
109 68.5 48.4 88.4
65 93.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.928 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:165 Resp: 211246
Ion Ratio Lower Upper
165 100
63 37.3 36.4 54.6
89 65.6 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 39.586 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

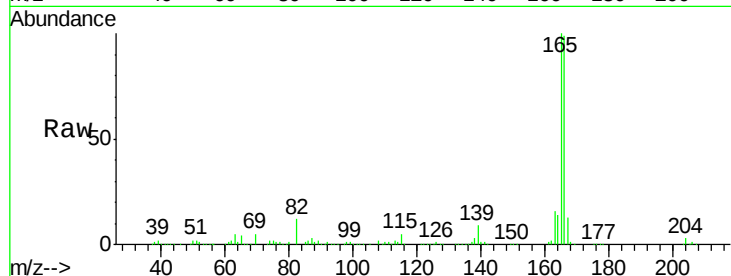
Tot Ion:166 Resp: 612944

Ion Ratio Lower Upper

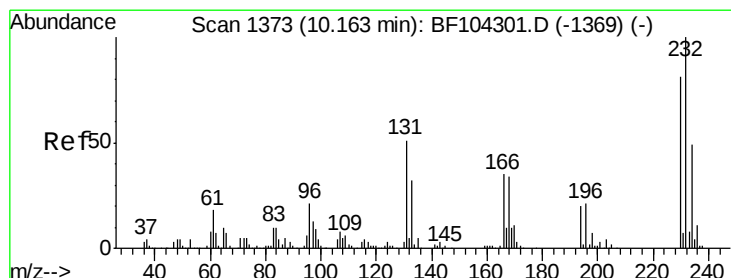
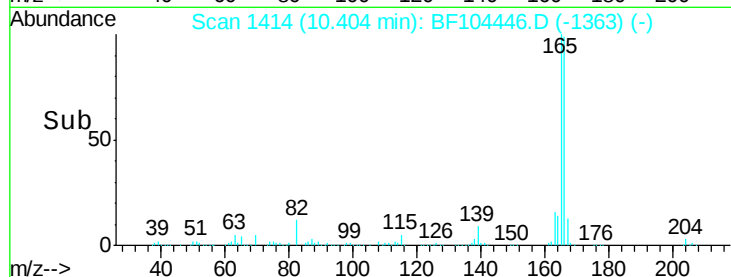
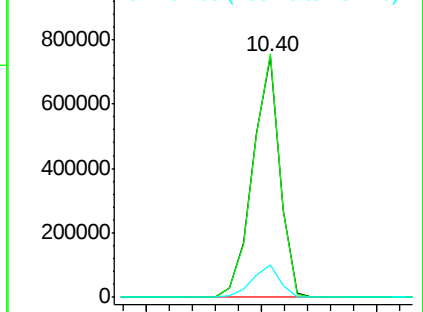
166 100

165 101.0 79.8 119.8

167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.606 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Tgt Ion:232 Resp: 157896

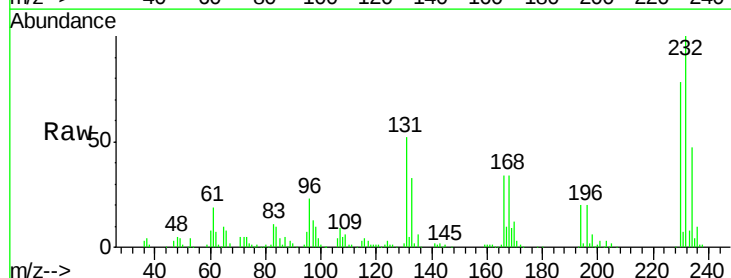
Ion Ratio Lower Upper

232 100

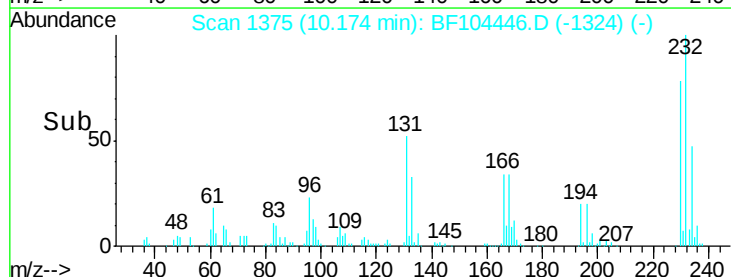
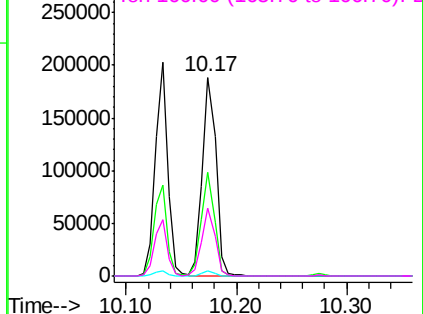
131 49.8 43.8 65.8

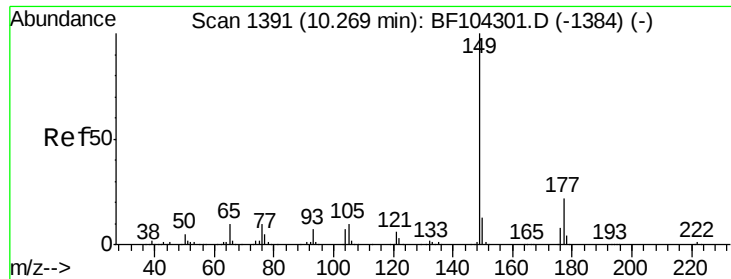
130 2.3 2.1 3.1

166 33.1 27.8 41.6



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

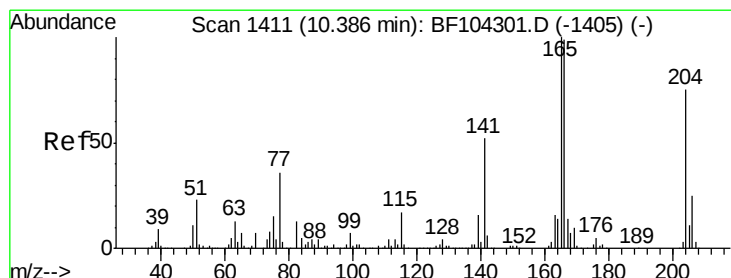
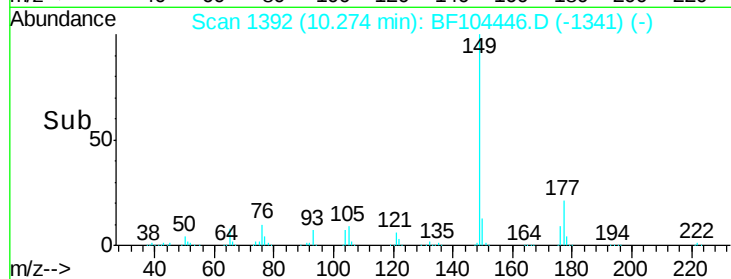
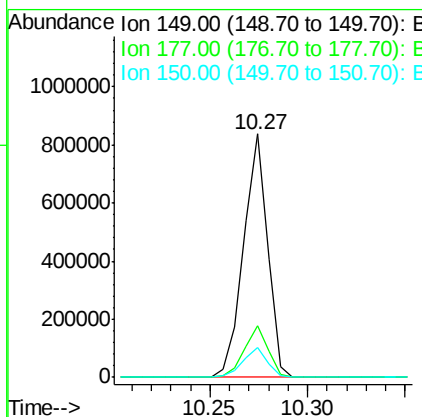
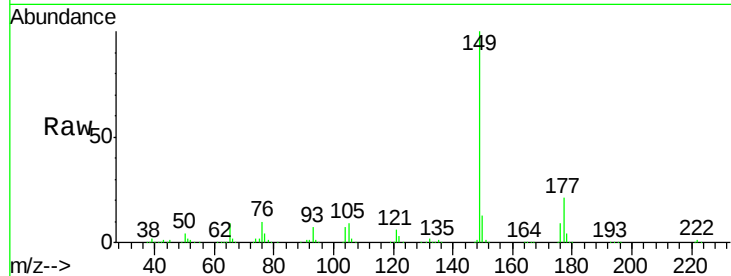




#59
Diethylphthalate
Concen: 37.891 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

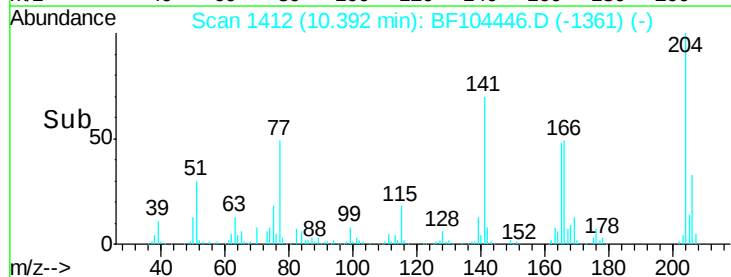
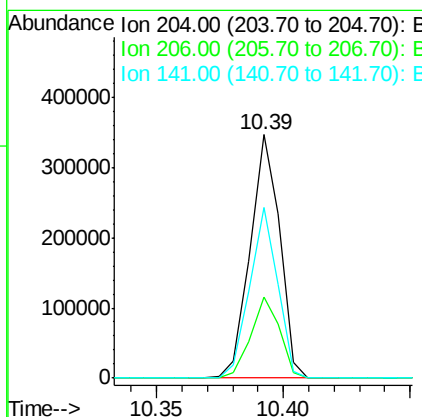
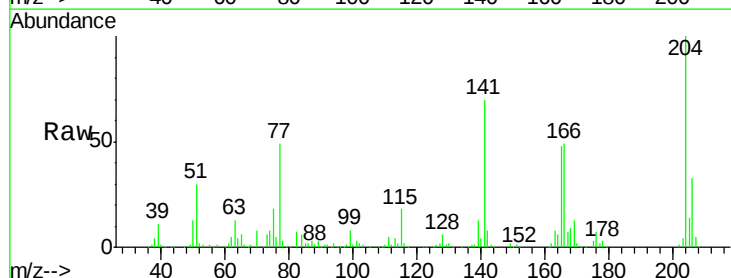
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 715108
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.714 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:204 Resp: 280750
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 70.1 54.6 81.8





#61

4-Nitroaniline

Concen: 46.879 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

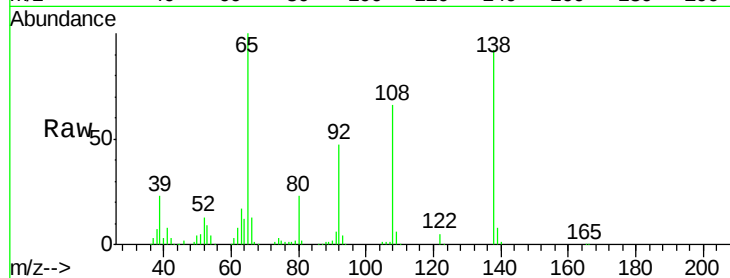
Tot Ion:138 Resp: 188163

Ion Ratio Lower Upper

138 100

92 51.6 30.2 70.2

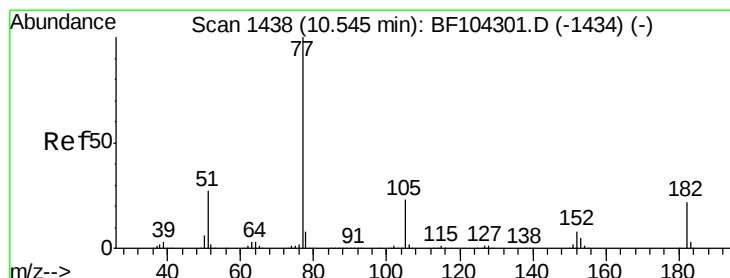
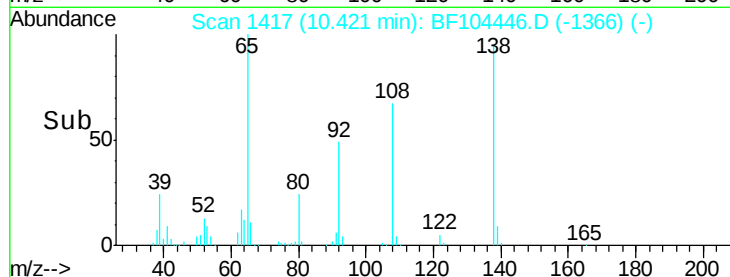
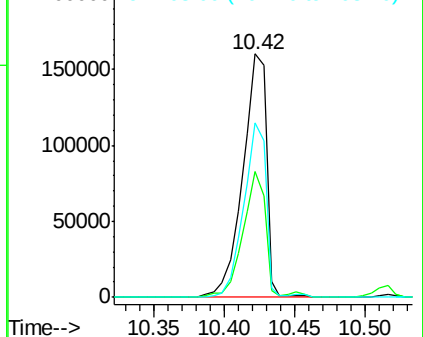
108 71.7 52.5 92.5



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: 36.562 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Tgt Ion: 77 Resp: 659251

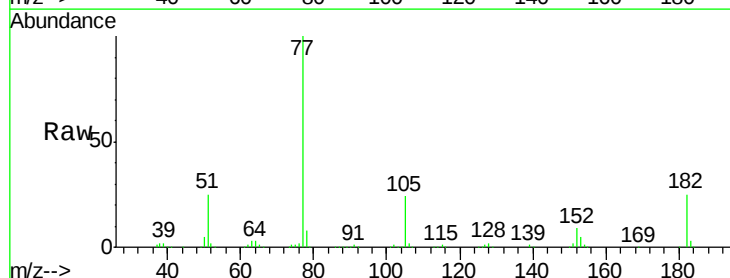
Ion Ratio Lower Upper

77 100

182 25.0 1.7 41.7

105 23.9 3.0 43.0

51 25.3 9.9 49.9

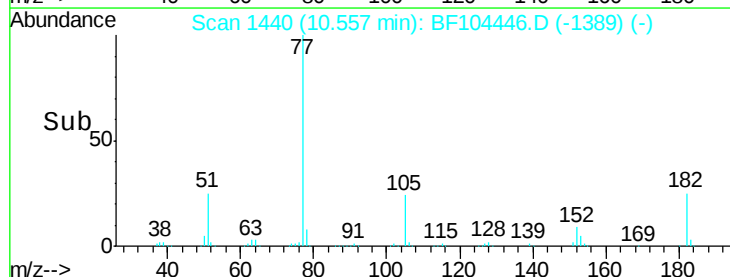
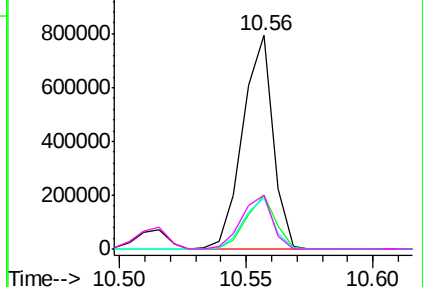


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

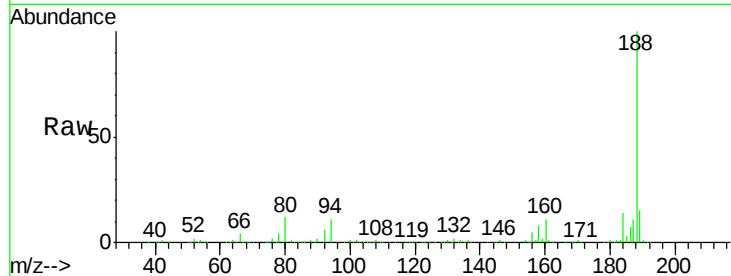
Tot Ion:188 Resp: 454356

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

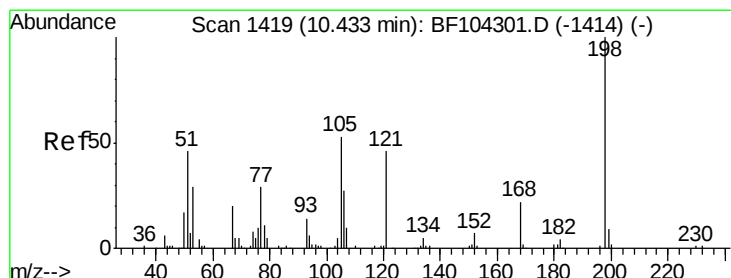
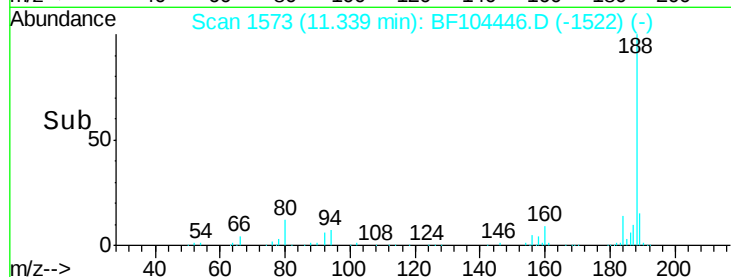
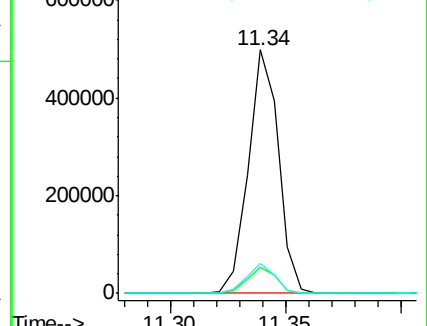
80 12.0 9.2 13.8



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: 51.856 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

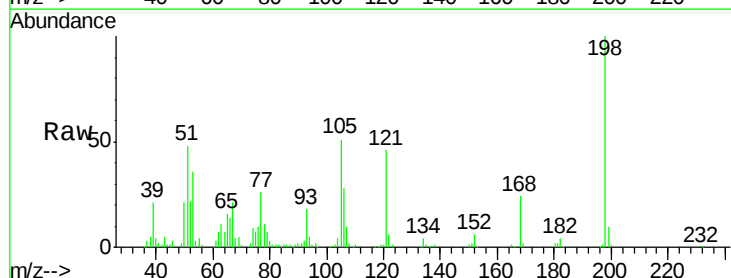
Tgt Ion:198 Resp: 116289

Ion Ratio Lower Upper

198 100

51 48.2 37.7 77.7

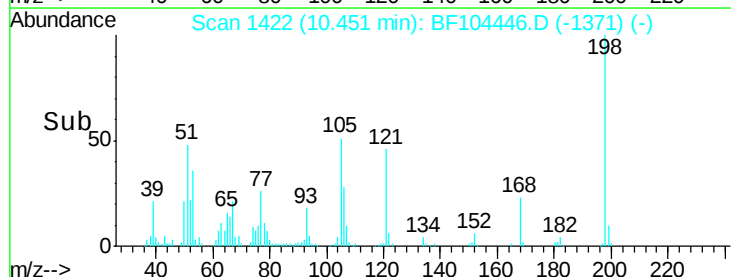
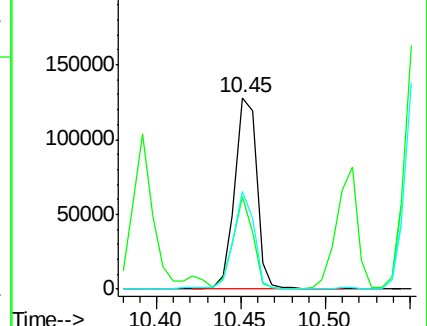
105 50.8 36.3 76.3



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

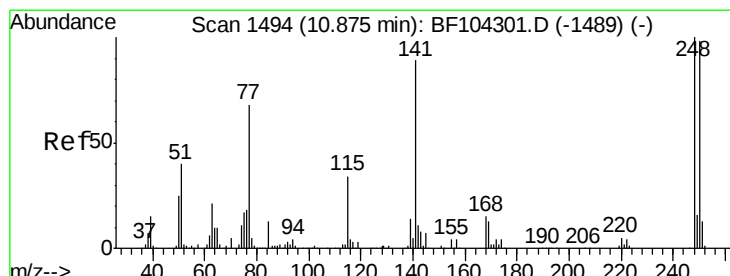
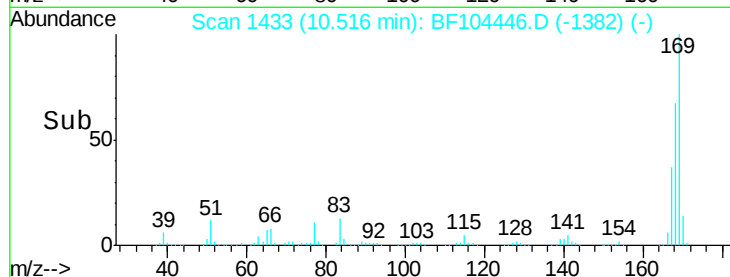
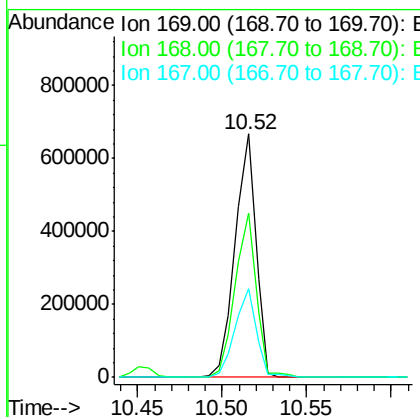
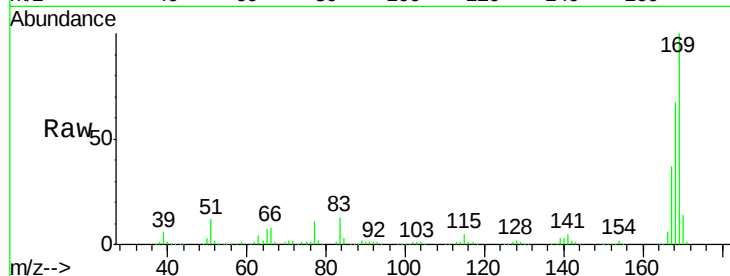




#65
 n-Nitrosodiphenylamine
 Concen: 36.452 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

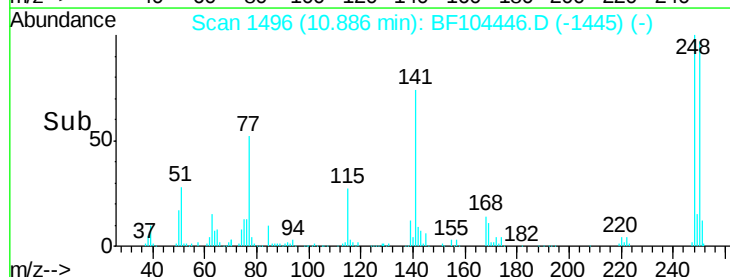
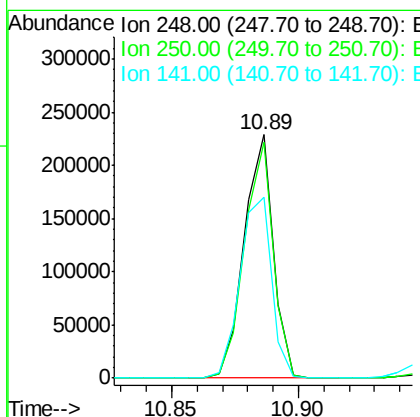
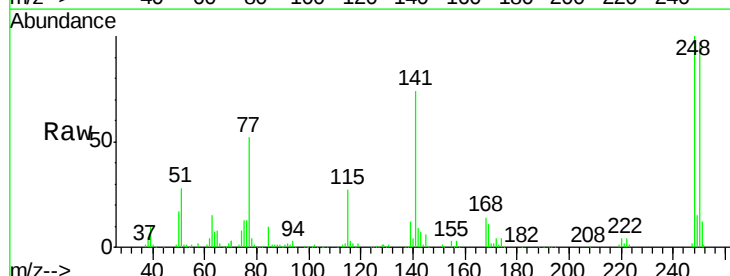
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

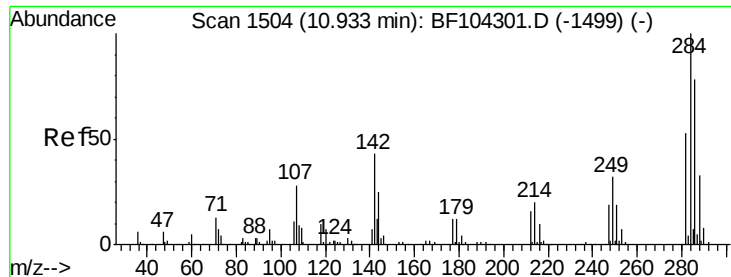
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.4	81.6
167	36.7	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.866 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.9	115.3
141	74.4	74.4	111.6#

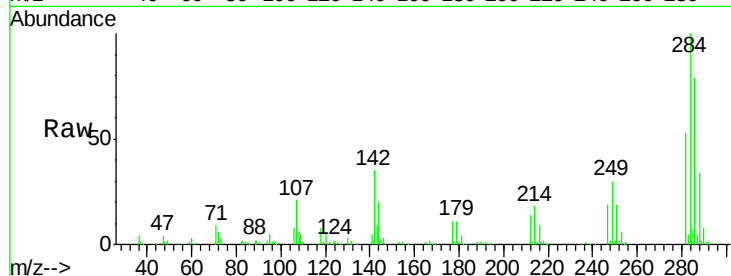




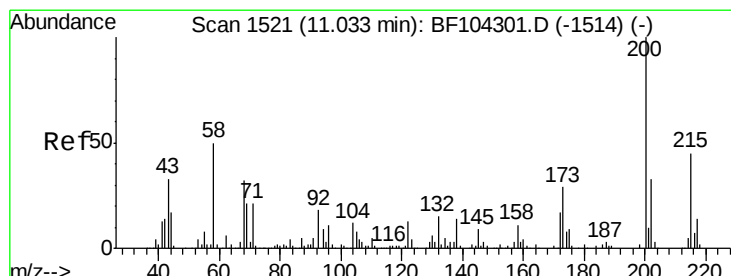
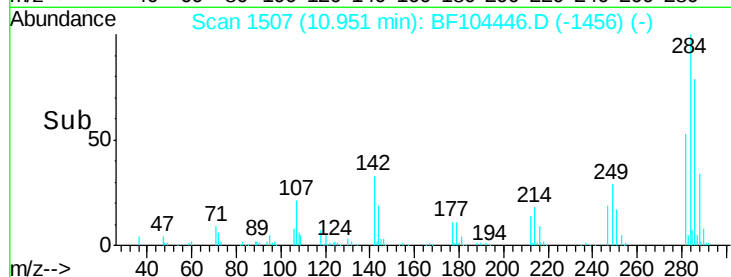
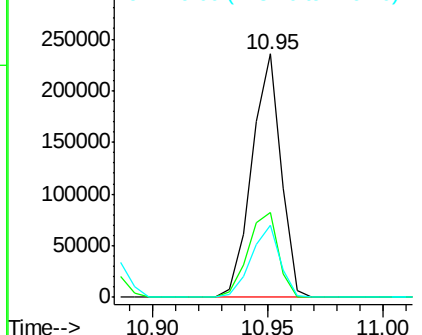
#67
Hexachlorobenzene
Concen: 38.165 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 207540
Ion Ratio Lower Upper
284 100
142 34.7 34.6 52.0
249 29.5 24.8 37.2

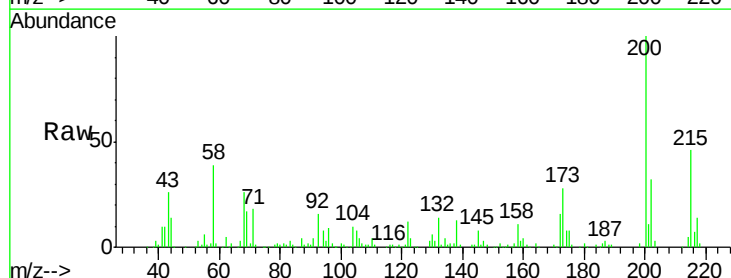


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

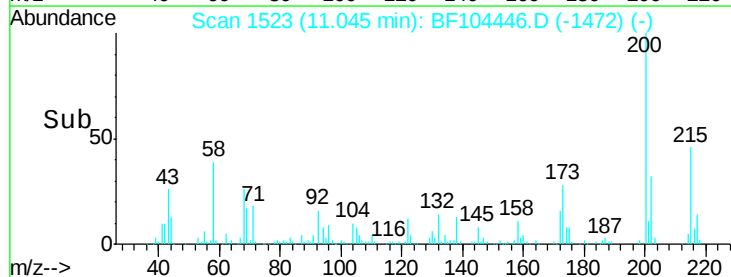
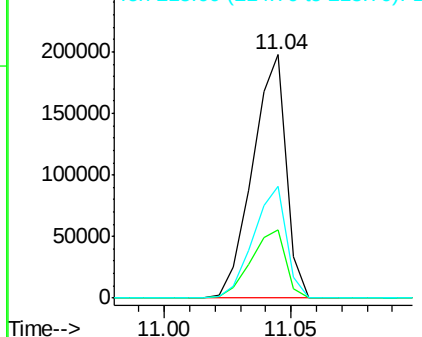


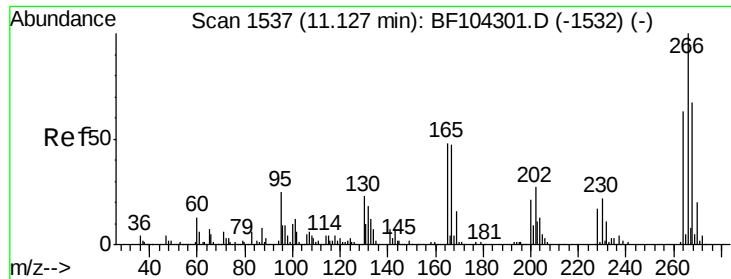
#68
Atrazine
Concen: 38.265 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:200 Resp: 181959
Ion Ratio Lower Upper
200 100
173 27.8 8.6 48.6
215 45.8 25.1 65.1



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

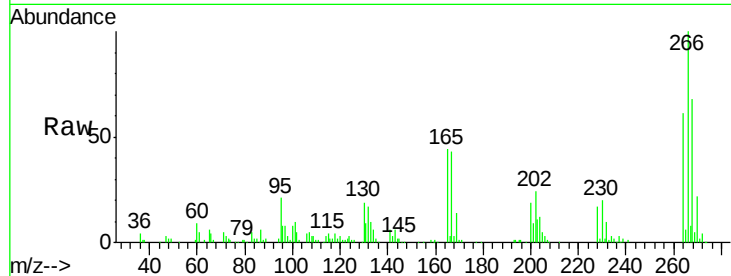




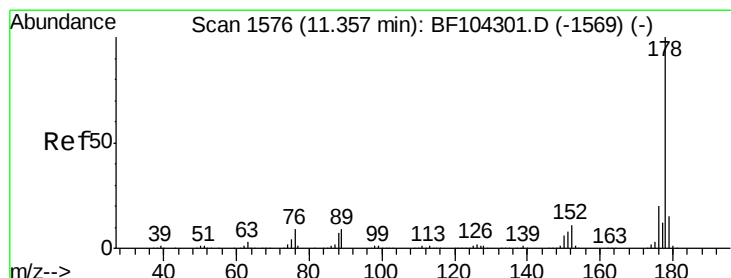
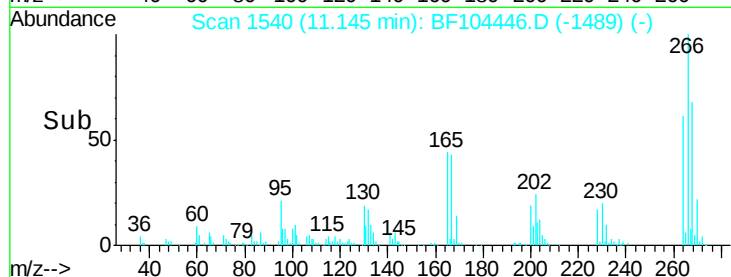
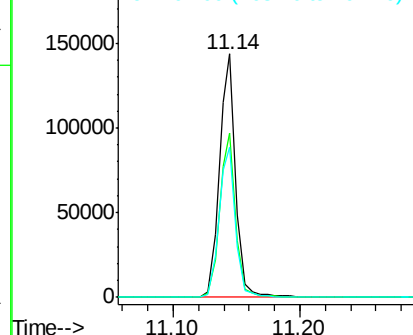
#69
 Pentachlorophenol
 Concen: 38.415 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.6	51.1	76.7
264	61.4	49.5	74.3

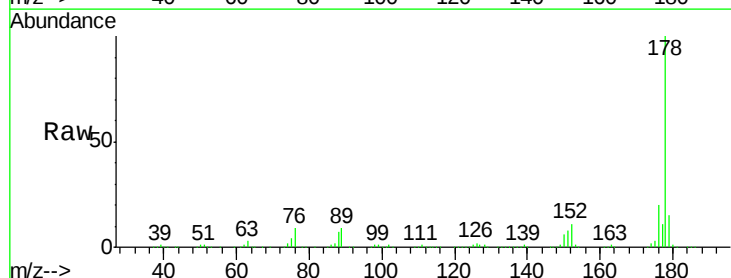


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

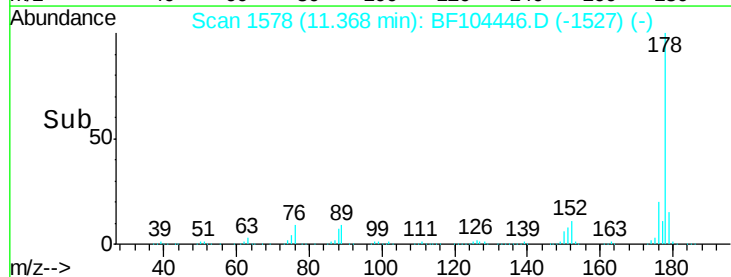
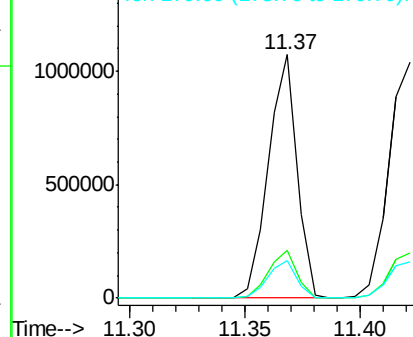


#70
 Phenanthrene
 Concen: 36.612 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	13.0	19.6



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

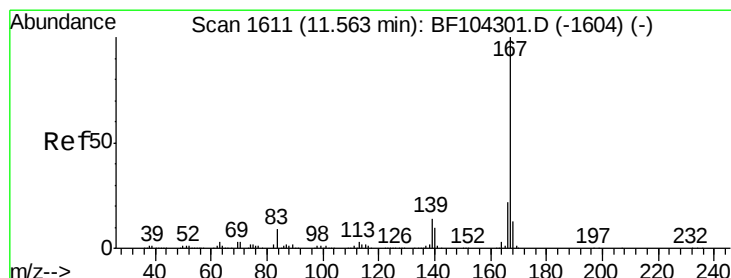
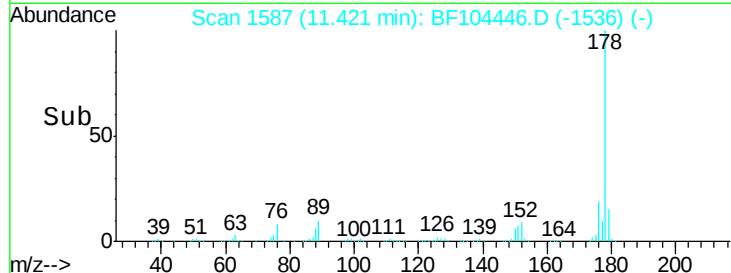
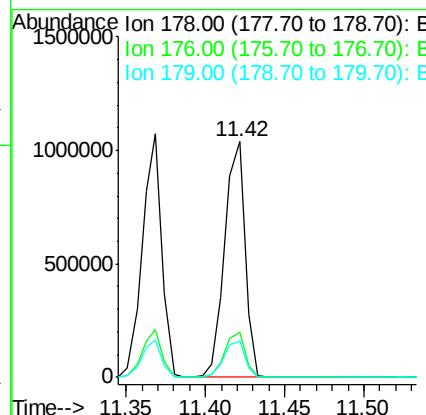
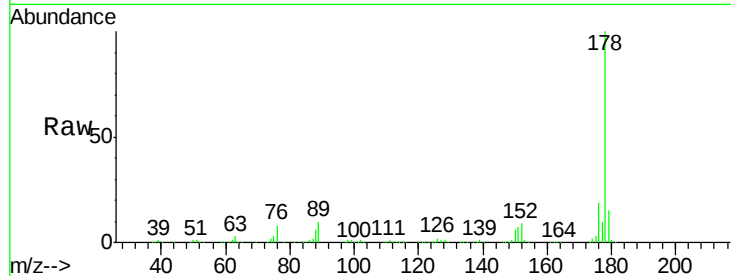




#71
 Anthracene
 Concen: 36.179 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

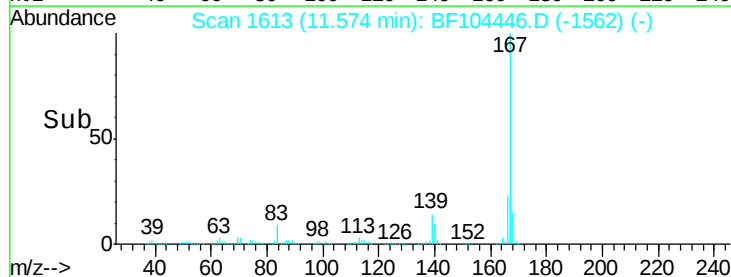
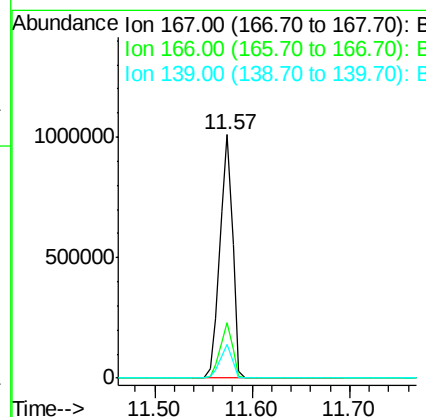
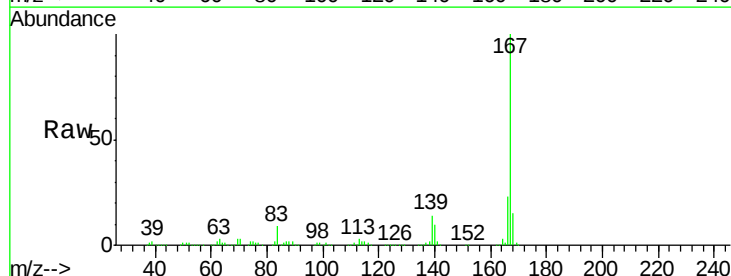
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.6	19.0



#72
 Carbazole
 Concen: 36.382 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.292 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

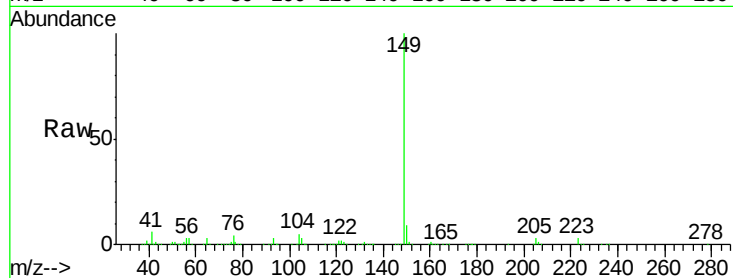
Tot Ion:149 Resp: 1144924

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

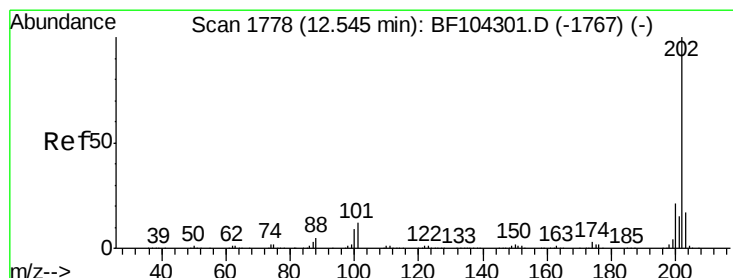
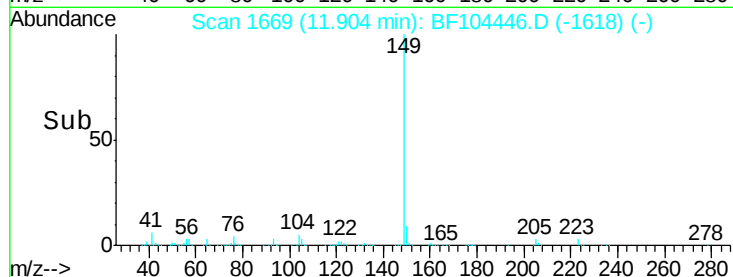
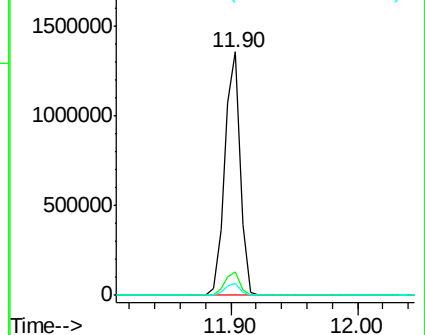
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.213 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

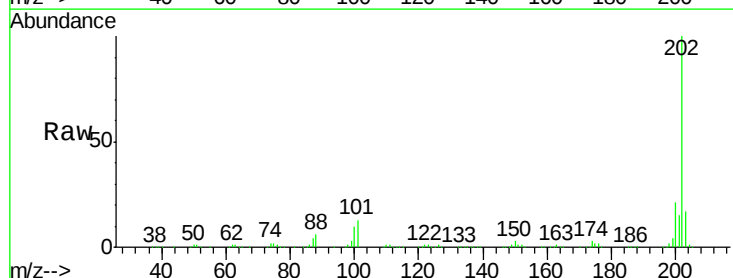
Tgt Ion:202 Resp: 983789

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

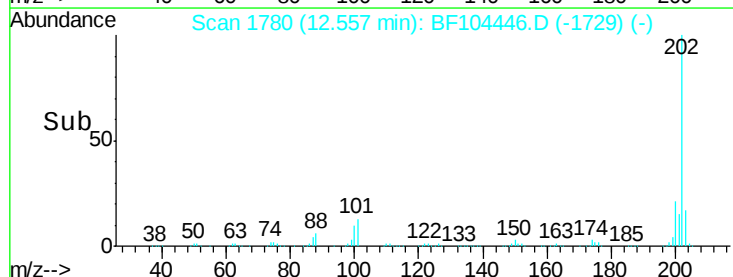
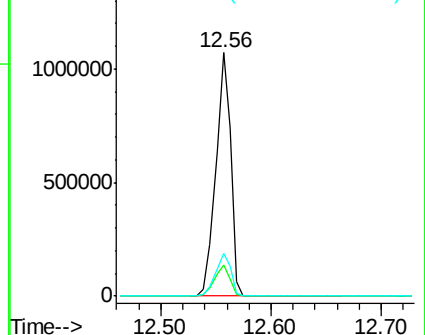
203 17.5 0.0 38.1

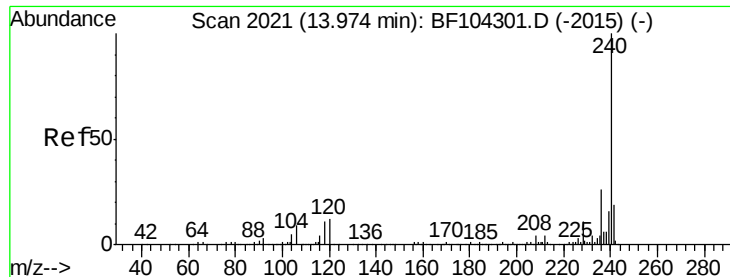


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

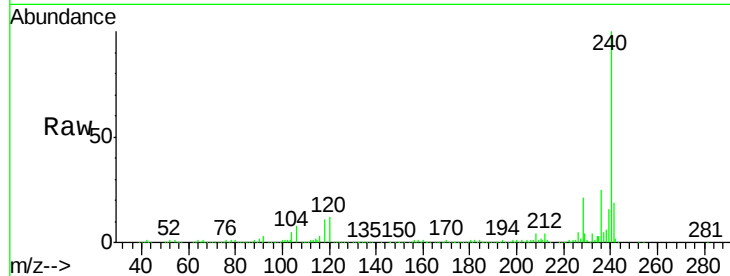
Tot Ion:240 Resp: 370040

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

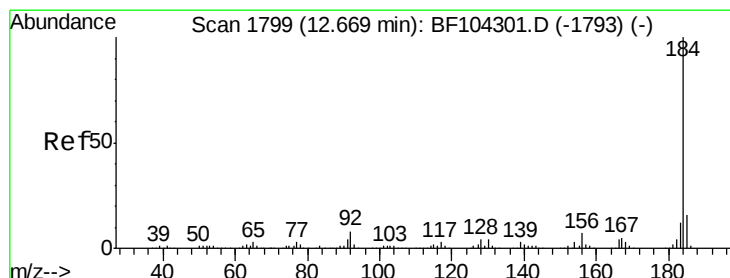
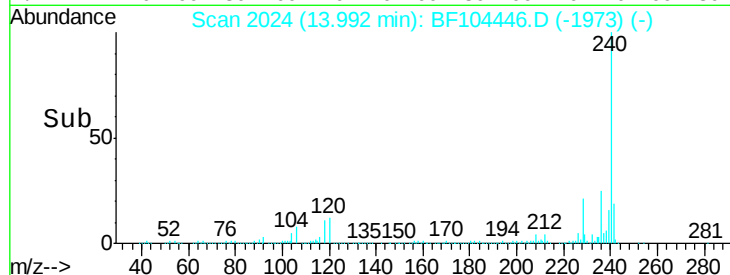
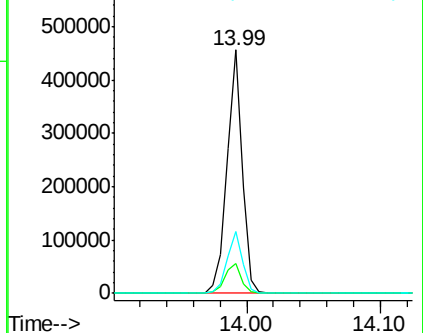
236 25.5 20.7 31.1



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: 35.312 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

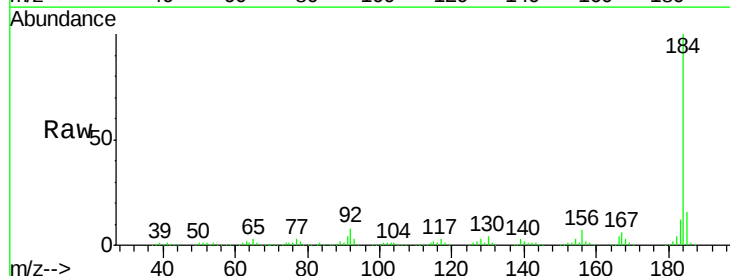
Tgt Ion:184 Resp: 458295

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

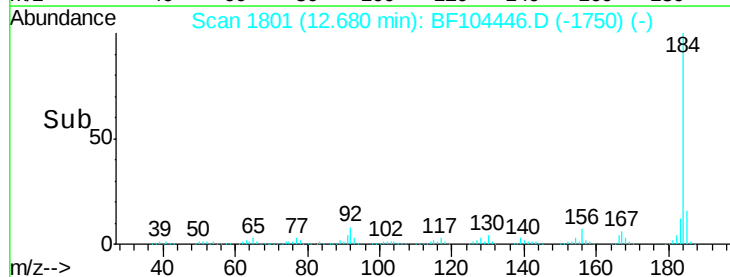
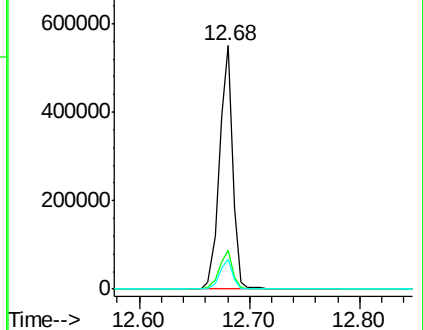
183 12.0 9.3 13.9

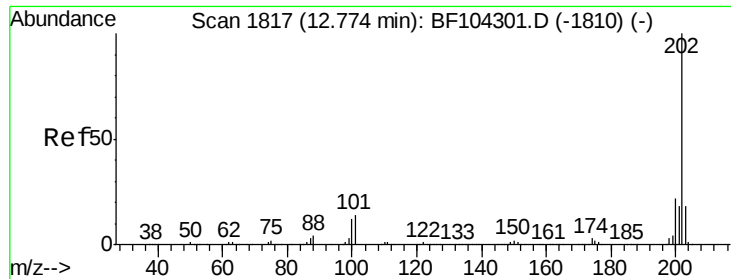


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

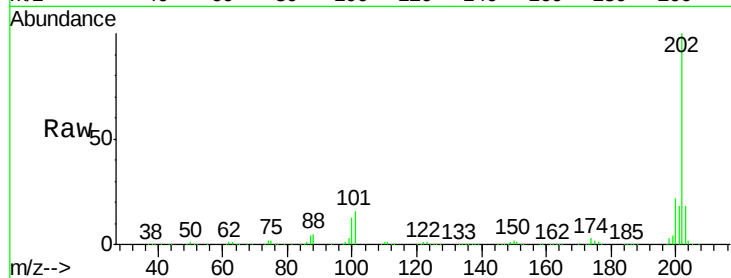




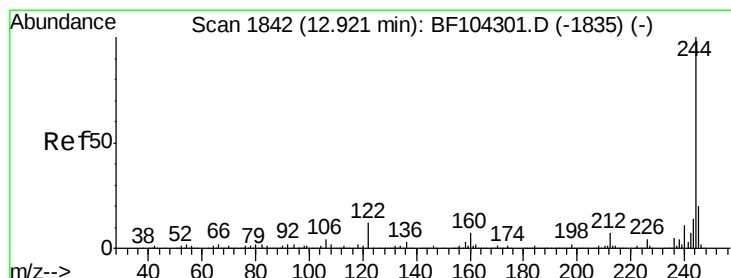
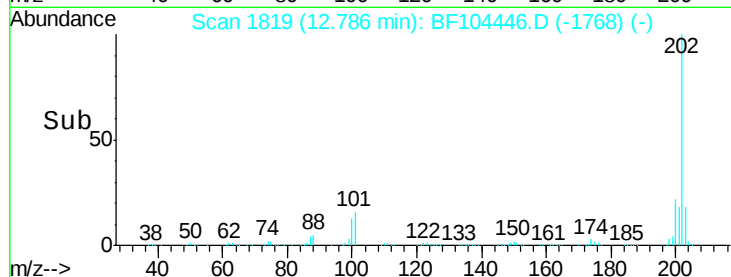
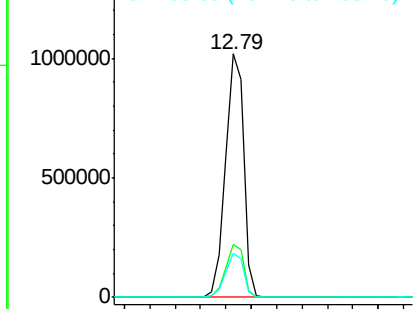
#77
Pvrene
Concen: 36.781 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1008848
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.0 14.3 21.5

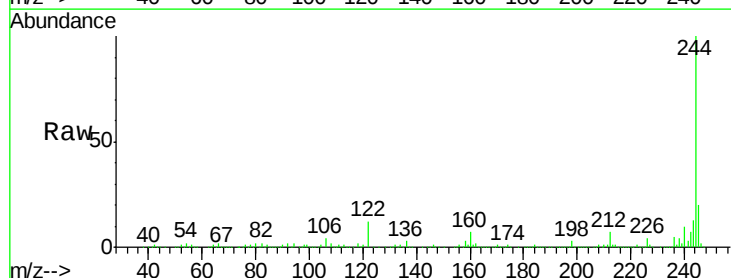


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

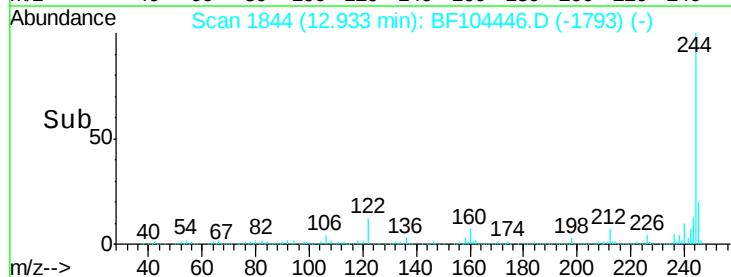
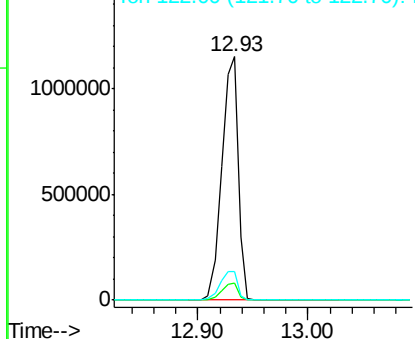


#78
Terphenyl-d14
Concen: 73.663 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:244 Resp: 1195620
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 11.6 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

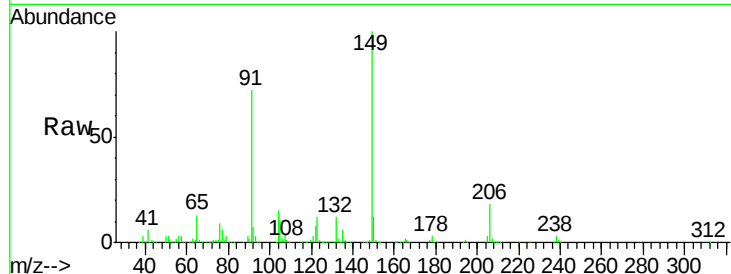




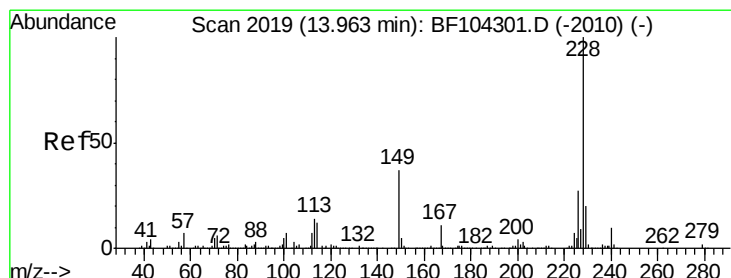
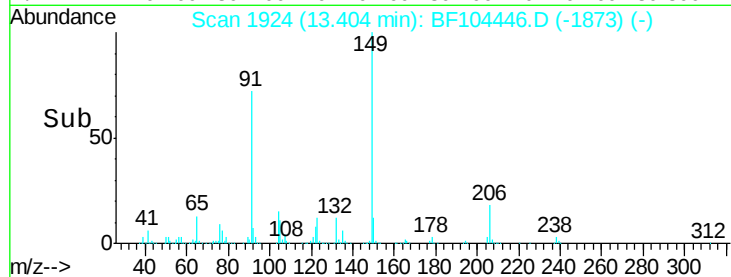
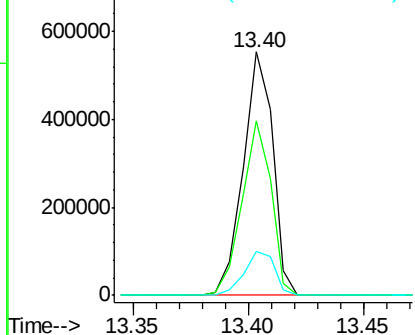
#79
Butylbenzylphthalate
Concen: 38.514 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 497679
Ion Ratio Lower Upper
149 100
91 71.8 56.8 85.2
206 17.9 14.1 21.1

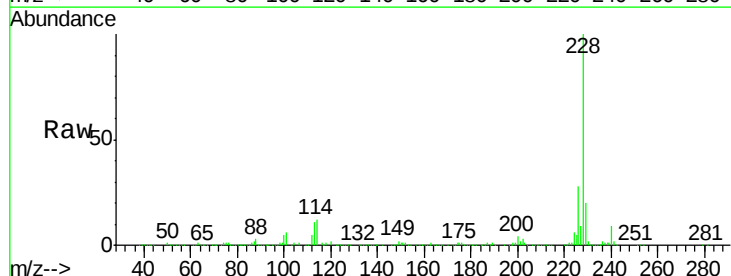


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

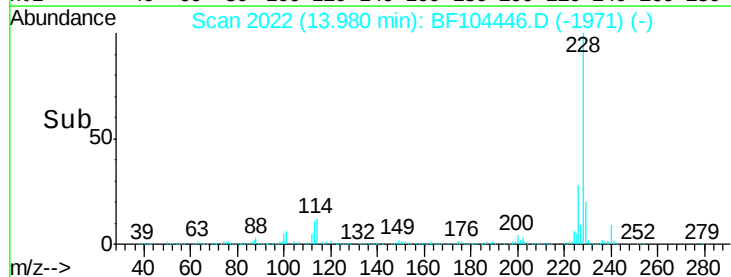
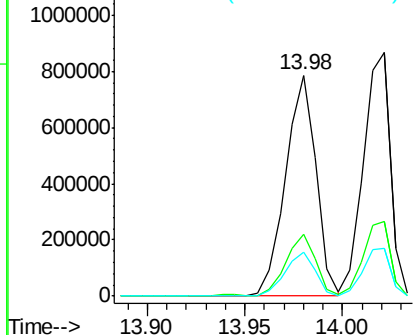


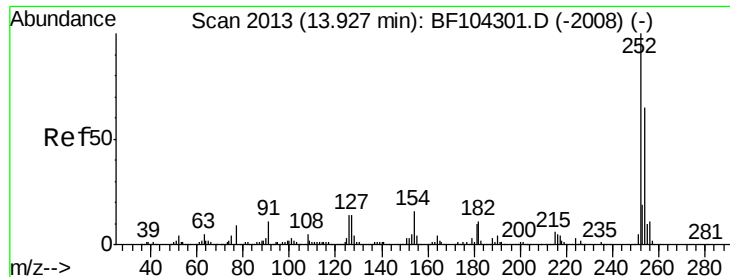
#80
Benzo(a)anthracene
Concen: 38.309 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:228 Resp: 846892
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.0 15.8 23.6



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

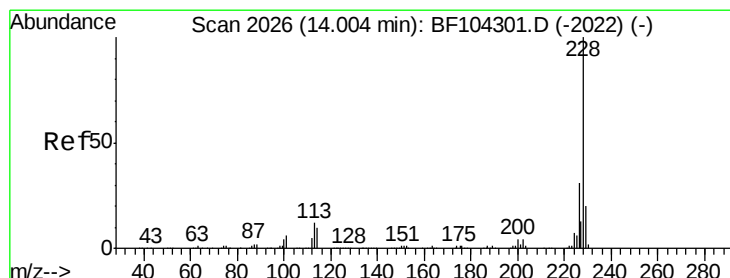
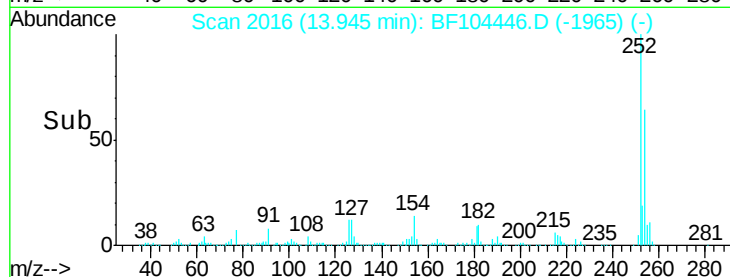
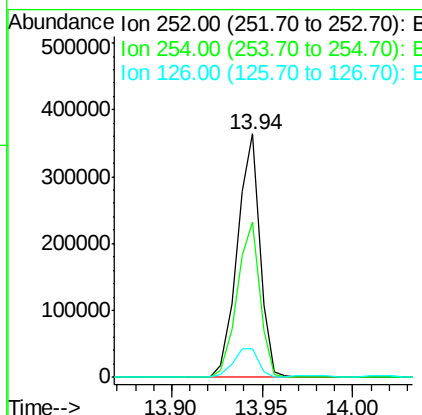
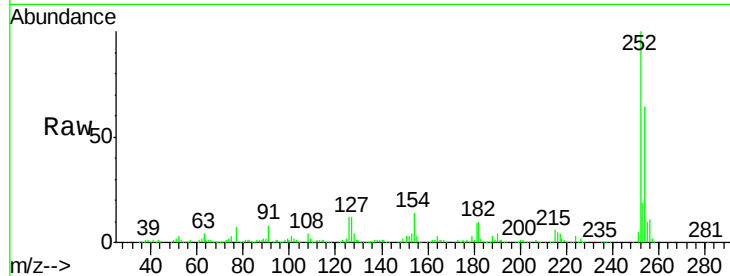




#81
 3,3'-Dichlorobenzidine
 Concen: 38.116 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

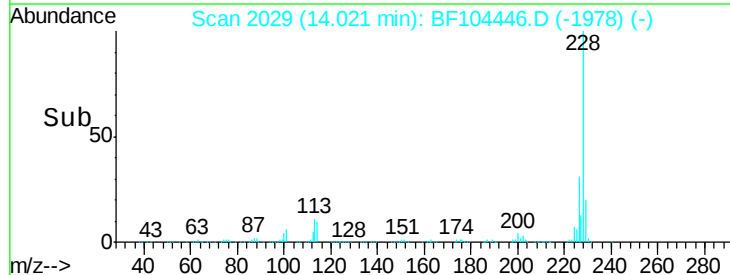
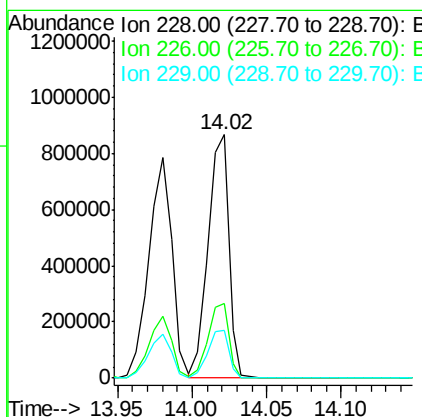
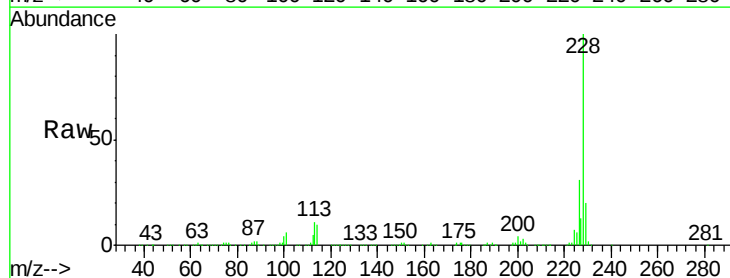
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

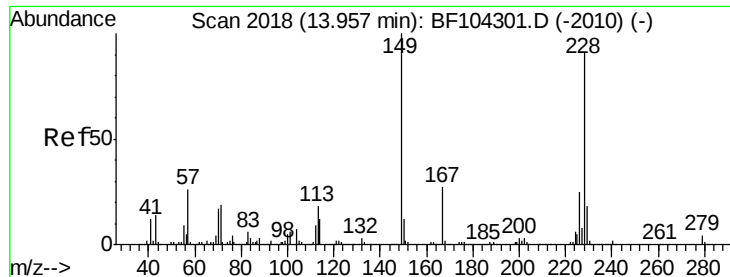
Tot Ion:252 Resp: 314171
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 11.6 11.3 16.9



#82
 Chrysene
 Concen: 36.621 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion:228 Resp: 831554
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 19.5 16.2 24.4

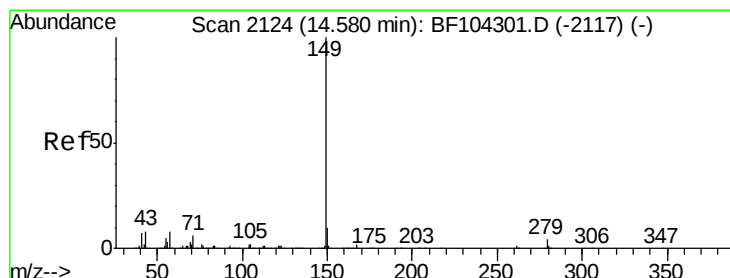
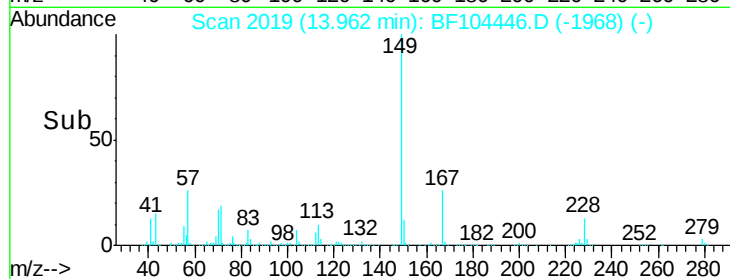
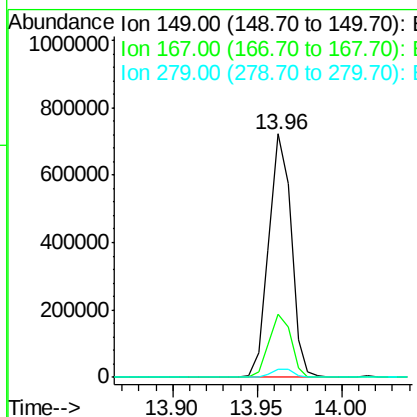
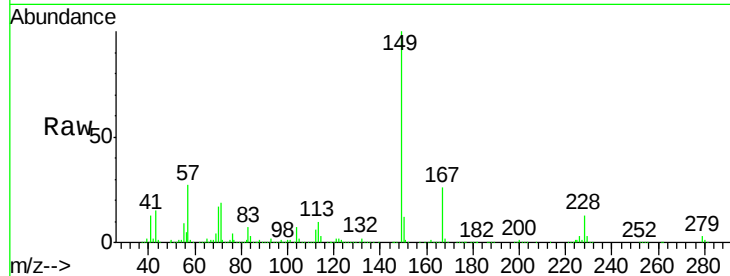




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.201 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

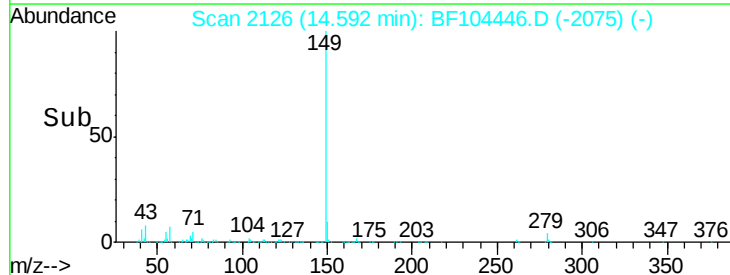
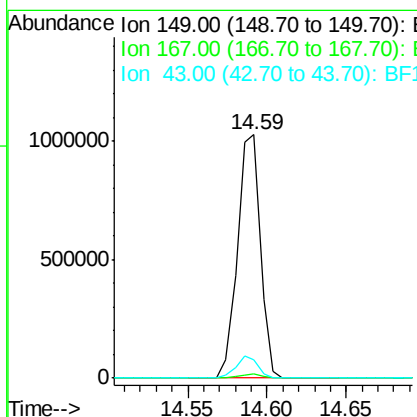
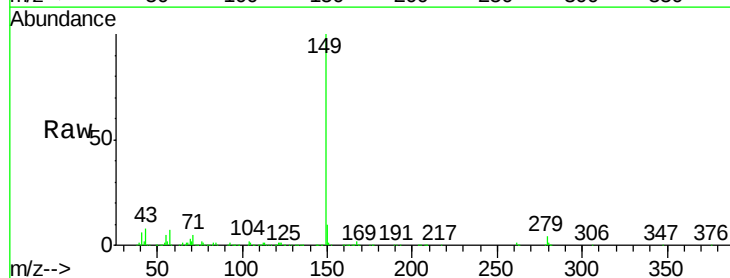
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

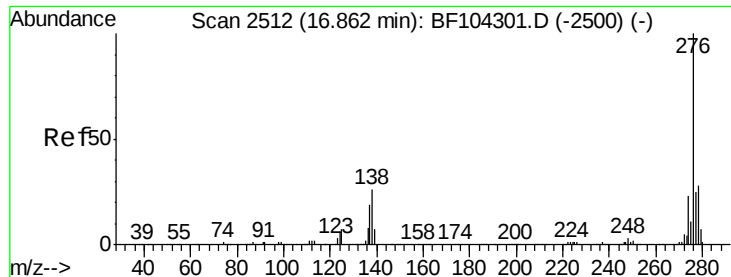
Tot Ion:149 Resp: 668182
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 3.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 37.022 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.00 min
 Lab File: BF104446.D
 Acq: 12 Apr 2018 13:02

Tgt Ion:149 Resp: 1028173
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.5 8.4 12.6

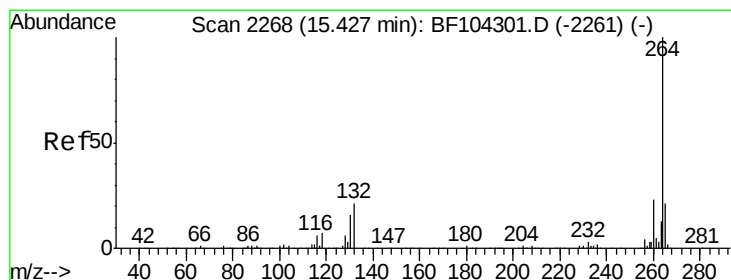
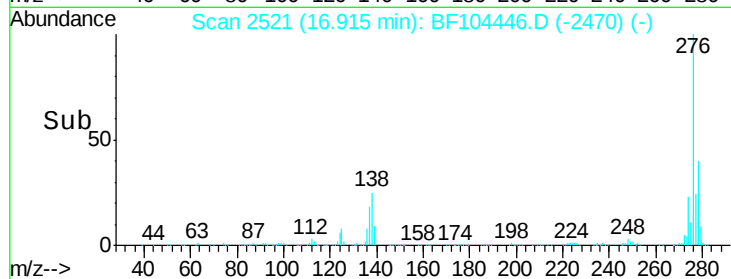
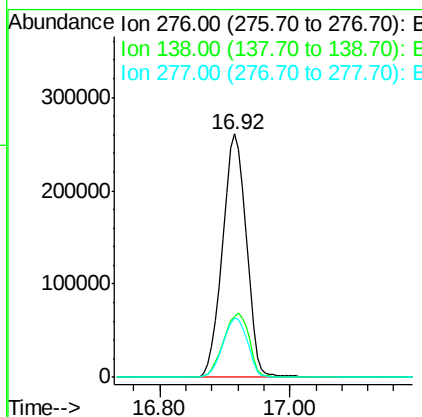
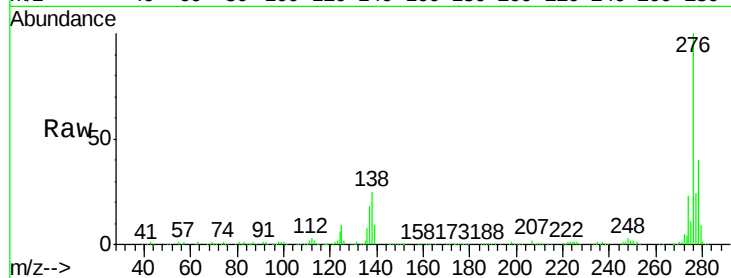




#85
Indeno(1,2,3-cd)pyrene
Concen: 34.549 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

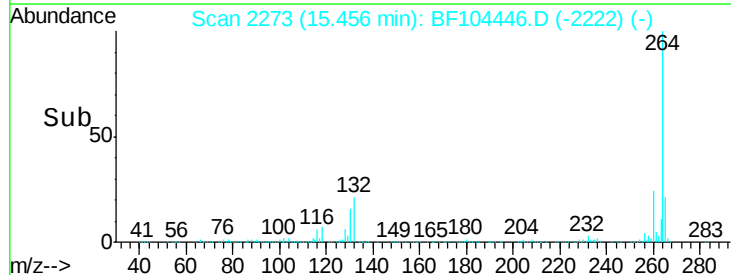
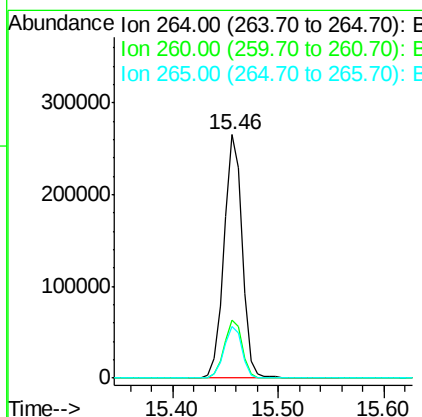
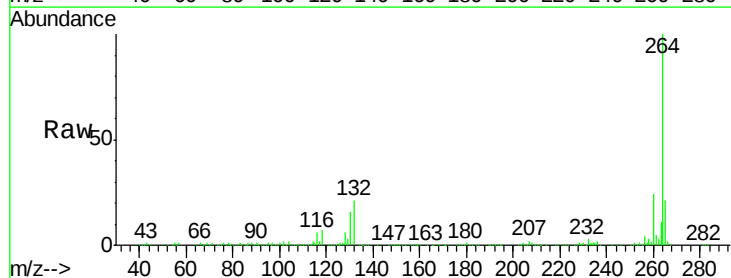
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

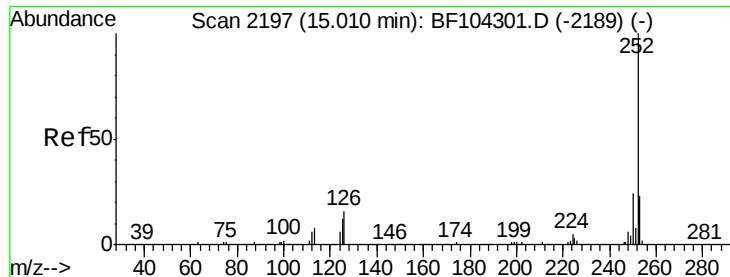
Tot Ion:276 Resp: 666418
Ion Ratio Lower Upper
276 100
138 28.5 25.0 37.6
277 25.3 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF104446.D
Acq: 12 Apr 2018 13:02

Tgt Ion:264 Resp: 317700
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.0 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 39.668 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

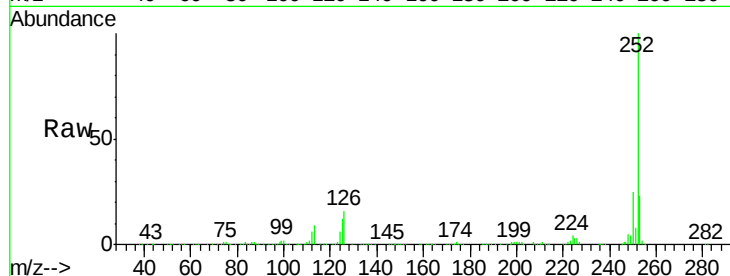
Tot Ion:252 Resp: 795962

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

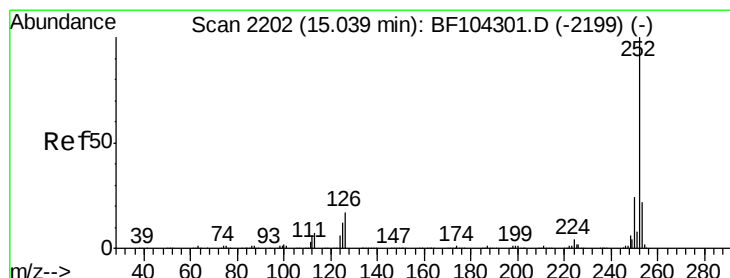
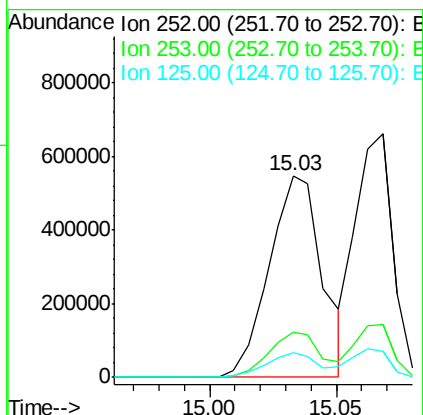
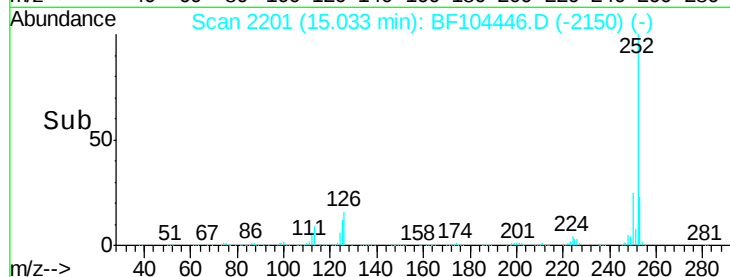
125 12.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.289 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

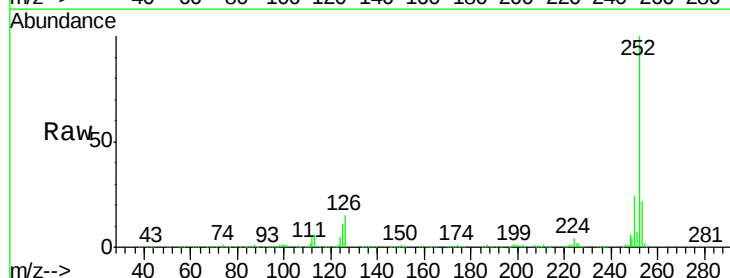
Tgt Ion:252 Resp: 687447

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

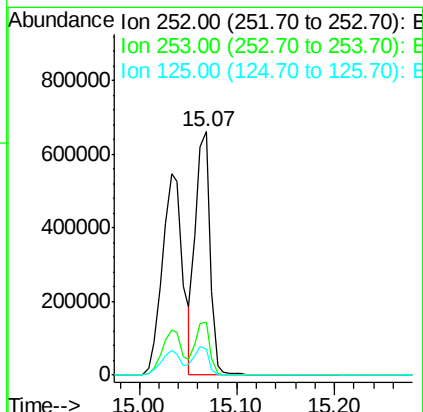
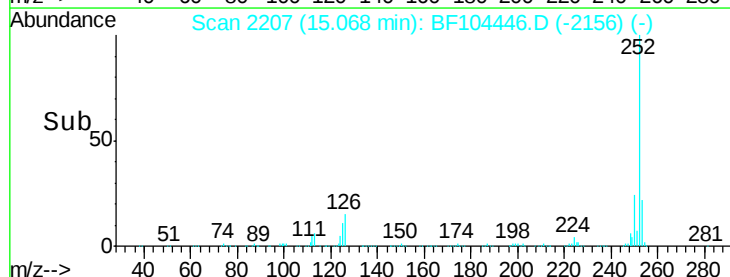
125 10.9 10.2 15.2

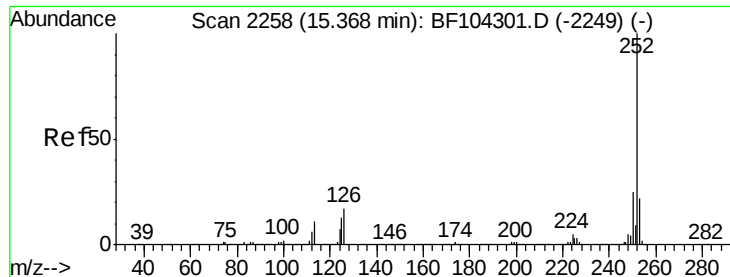


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.013 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

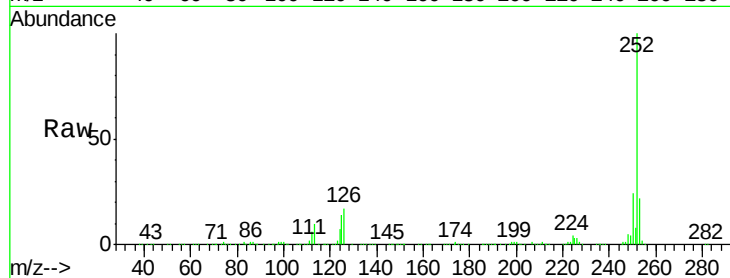
Tot Ion:252 Resp: 682465

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

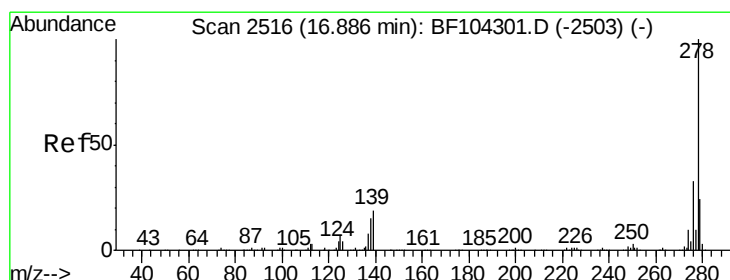
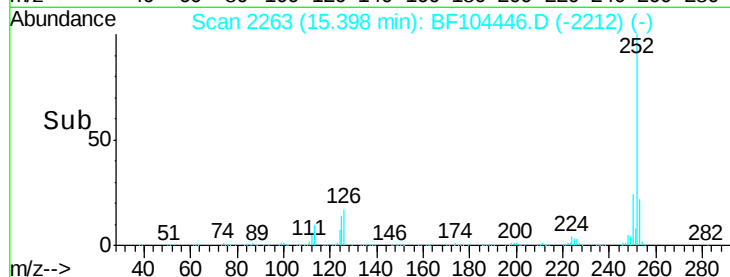
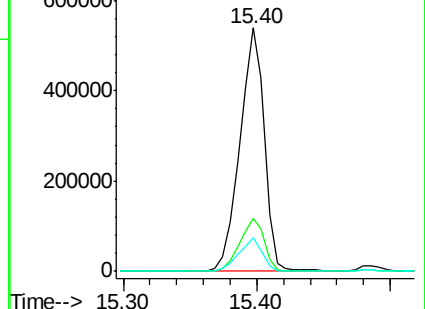
125 13.6 9.8 14.6



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: 37.384 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

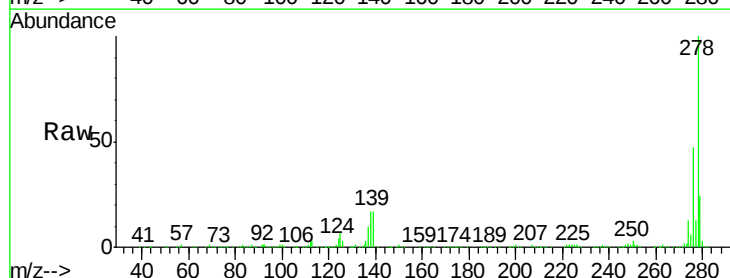
Tgt Ion:278 Resp: 551234

Ion Ratio Lower Upper

278 100

139 17.1 15.9 23.9

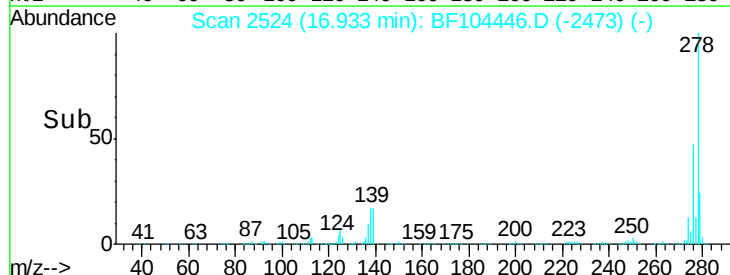
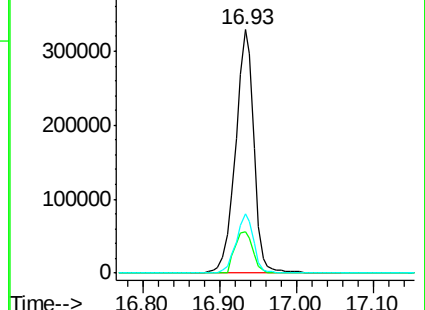
279 24.3 19.0 28.4

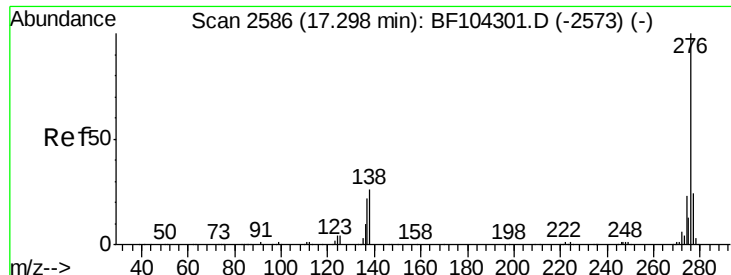


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.660 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BF104446.D

Acq: 12 Apr 2018 13:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

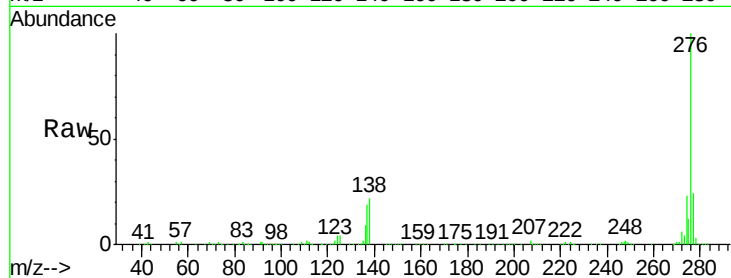
Tot Ion:276 Resp: 537992

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 22.5 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

