

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104397.D
 Acq On : 10 Apr 2018 9:12
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 10 12:12:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	146329	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	605566	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	278196	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	501411	20.00	ng	0.00
75) Chrysene-d12	13.99	240	394193	20.00	ng	0.00
86) Perylene-d12	15.44	264	360563	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	709513	74.14	ng	0.00
7) Phenol-d6	6.44	99	884707	75.24	ng	0.00
23) Nitrobenzene-d5	7.37	82	778801	83.98	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	226417	78.46	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1317674	74.82	ng	0.00
78) Terphenyl-d14	12.93	244	1227798	71.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	171327	38.421	ng	89
3) Pyridine	3.27	79	474785	37.870	ng	88
4) n-Nitrosodimethylamine	3.24	42	158081	36.071	ng	80
6) Aniline	6.47	93	613719	37.568	ng	97
8) 2-Chlorophenol	6.59	128	386204	38.235	ng	95
9) Benzaldehyde	6.36	77	227003	37.333	ng	99
10) Phenol	6.45	94	506838	40.625	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	378914	38.059	ng	98
12) 1,3-Dichlorobenzene	6.75	146	435873	38.091	ng	98
13) 1,4-Dichlorobenzene	6.83	146	433894	38.038	ng	98
14) 1,2-Dichlorobenzene	6.98	146	406097	38.418	ng	99
15) Benzyl Alcohol	6.95	79	332624	37.245	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	493869	36.938	ng	92
17) 2-Methylphenol	7.06	107	338387	38.540	ng	98
18) Hexachloroethane	7.32	117	156988	38.601	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	272435	35.457	ng	94
20) 3+4-Methylphenols	7.22	107	405183	37.209	ng	# 79
22) Acetophenone	7.22	105	538694	36.133	ng	99
24) Nitrobenzene	7.40	77	416265	40.655	ng	95
25) Isophorone	7.63	82	714741	36.446	ng	98
26) 2-Nitrophenol	7.71	139	207553	49.793	ng	95
27) 2,4-Dimethylphenol	7.75	122	323047	37.325	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	444660	37.085	ng	100
29) 2,4-Dichlorophenol	7.95	162	314623	38.099	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	344363	37.997	ng	97
31) Naphthalene	8.12	128	1128494	37.424	ng	100
32) Benzoic acid	7.87	122	243946	35.326	ng	97
33) 4-Chloroaniline	8.16	127	483367	37.417	ng	98
34) Hexachlorobutadiene	8.23	225	190451	38.366	ng	99
35) Caprolactam	8.55	113	108047	37.506	ng	# 82
36) 4-Chloro-3-methylphenol	8.64	107	334523	37.779	ng	98
37) 2-Methylnaphthalene	8.80	142	723497	37.093	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	309050	38.808	ng	100
40) Hexachlorocyclopentadiene	8.96	237	180877	40.571	ng	99

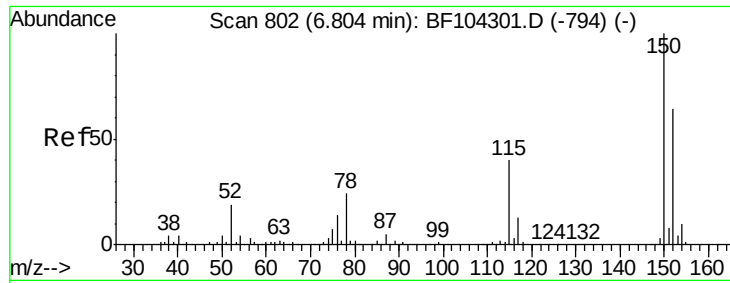
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	218756	39.571	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	242910	39.266	nq	96
45) 1,1'-Biphenyl	9.27	154	877244	37.537	nq	99
46) 2-Chloronaphthalene	9.30	162	703617	38.116	nq	99
47) 2-Nitroaniline	9.39	65	215413	47.187	nq	98
48) Acenaphthylene	9.71	152	1090870	37.665	nq	100
49) Dimethylphthalate	9.57	163	817913	37.283	nq	99
50) 2,6-Dinitrotoluene	9.64	165	183401	45.180	nq	# 86
51) Acenaphthene	9.89	154	677551	38.342	nq	99
52) 3-Nitroaniline	9.80	138	215612	45.370	nq	99
53) 2,4-Dinitrophenol	9.91	184	81895	56.950	nq	# 19
54) Dibenzofuran	10.06	168	910954	36.991	nq	98
55) 4-Nitrophenol	9.96	139	162287	43.473	nq	97
56) 2,4-Dinitrotoluene	10.04	165	241191	45.296	nq	94
57) Fluorene	10.40	166	690502	38.522	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	177571	38.475	nq	95
59) Diethylphthalate	10.27	149	788498	36.089	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	314584	39.407	nq	96
61) 4-Nitroaniline	10.42	138	207159	44.582	nq	96
62) Azobenzene	10.55	77	745368	35.708	nq	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	123949	50.336	nq	93
65) n-Nitrosodiphenylamine	10.51	169	648987	37.330	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	199568	37.418	nq	96
67) Hexachlorobenzene	10.95	284	228948	38.150	nq	93
68) Atrazine	11.04	200	193657	36.904	nq	100
69) Pentachlorophenol	11.14	266	145951	39.312	nq	97
70) Phenanthrene	11.36	178	1026707	36.769	nq	99
71) Anthracene	11.42	178	1033804	36.422	nq	99
72) Carbazole	11.57	167	1013573	36.543	nq	100
73) Di-n-butylphthalate	11.90	149	1210978	35.741	nq	99
74) Fluoranthene	12.55	202	1058324	36.276	nq	99
76) Benzidine	12.67	184	484087	34.908	nq	99
77) Pyrene	12.78	202	1089705	37.294	nq	99
79) Butylbenzylphthalate	13.40	149	513250	37.285	nq	95
80) Benzo(a)anthracene	13.97	228	885955	37.621	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	331485	37.752	nq	96
82) Chrysene	14.01	228	886078	36.632	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	671310	37.915	nq	99
84) Di-n-octyl phthalate	14.58	149	1094494	36.995	nq	96
85) Indeno(1,2,3-cd)pyrene	16.89	276	789333	38.414	nq	98
87) Benzo(b)fluoranthene	15.02	252	884747	38.851	nq	96
88) Benzo(k)fluoranthene	15.06	252	756744	35.199	nq	98
89) Benzo(a)pyrene	15.39	252	765942	37.591	nq	98
90) Dibenzo(a,h)anthracene	16.92	278	645716	38.586	nq	98
91) Benzo(g,h,i)perylene	17.34	276	630151	38.867	nq	96

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

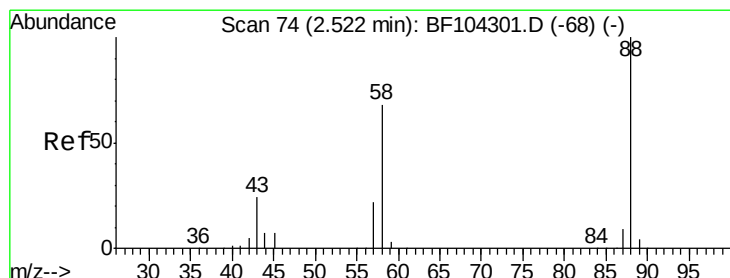
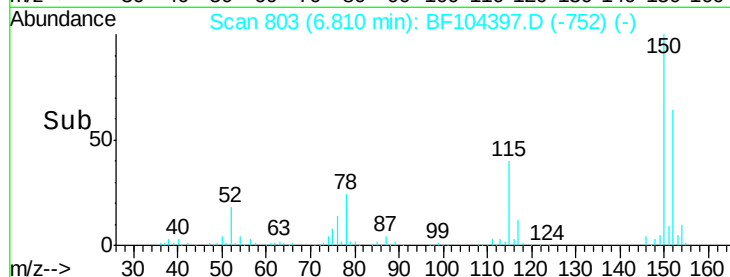
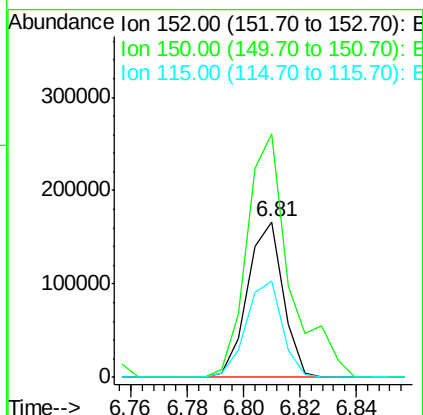
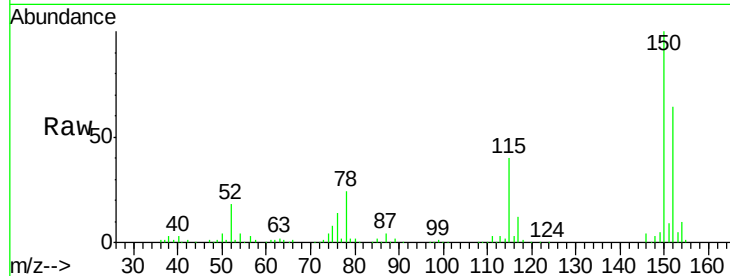


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

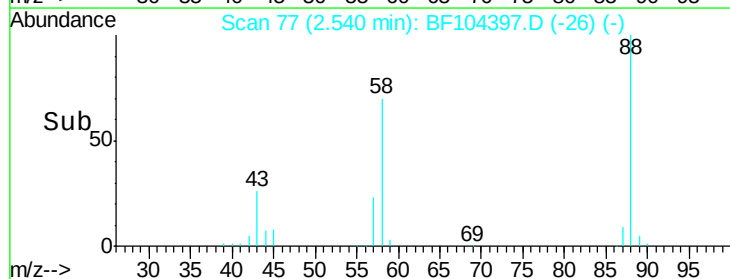
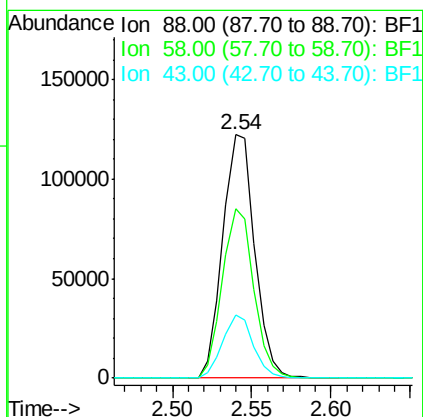
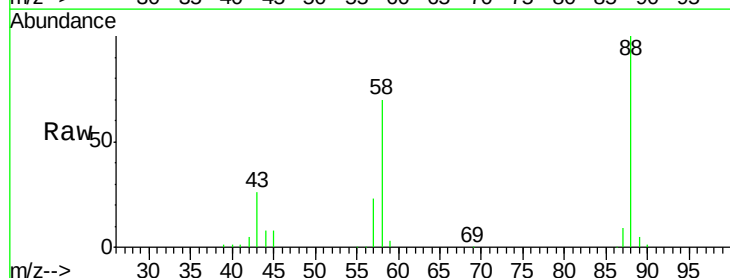
Tot Ion:152 Resp: 146329
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 61.8 50.1 75.1

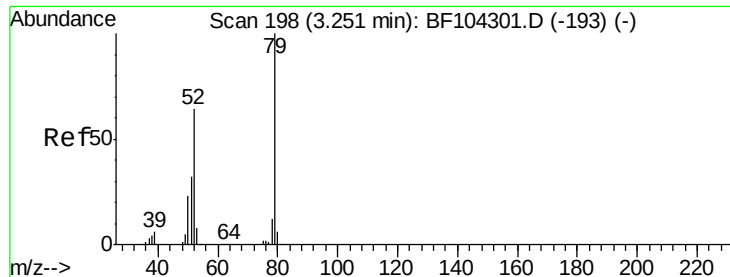


#2

1,4-Dioxane
Concen: 38.421 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Tgt Ion: 88 Resp: 171327
Ion Ratio Lower Upper
88 100
58 68.5 62.6 93.8
43 25.2 24.6 37.0



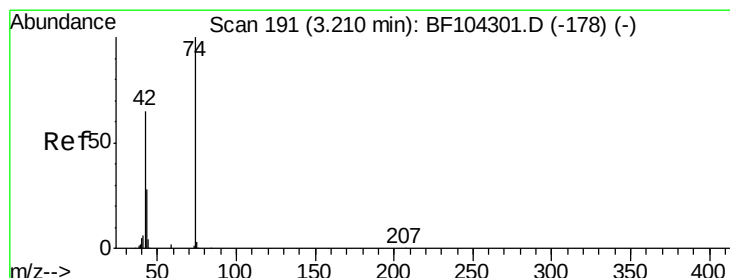
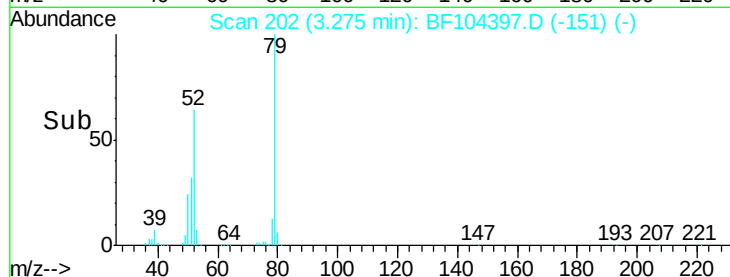
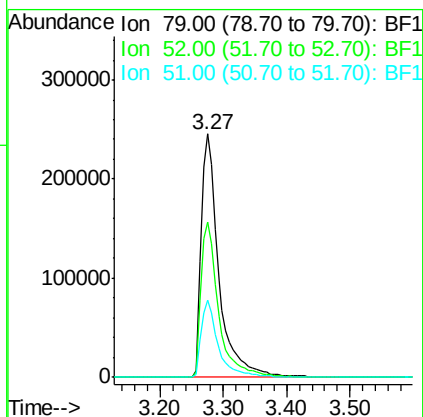
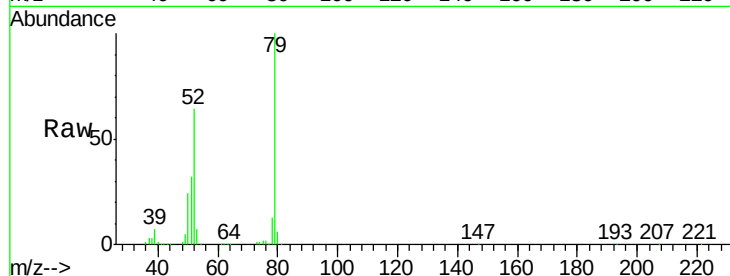


#3
 Pvridine
 Concen: 37.870 ng
 RT: 3.27 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 474785

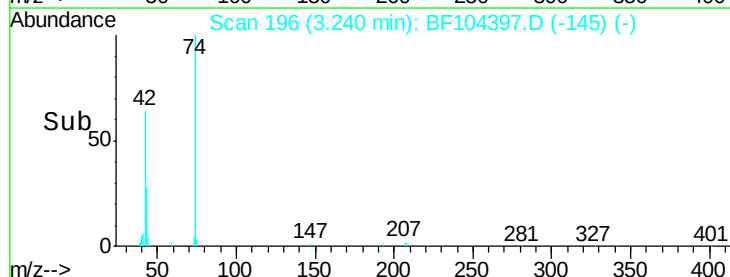
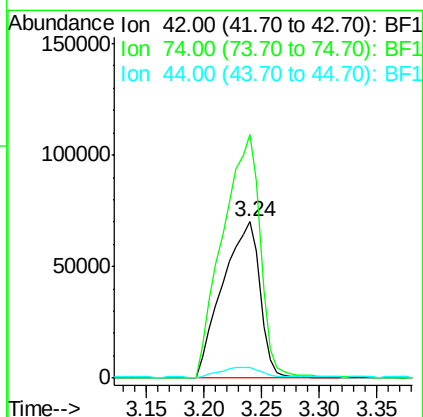
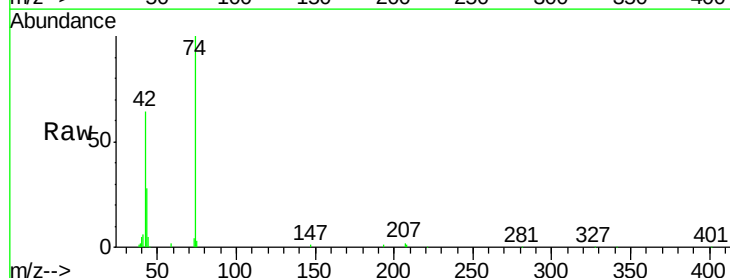
Ion	Ratio	Lower	Upper
79	100		
52	64.0	59.8	89.6
51	31.5	29.8	44.8

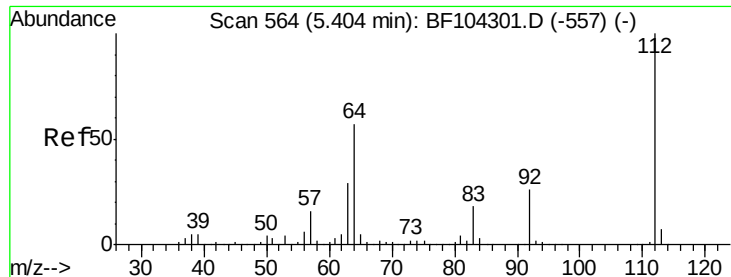


#4
 n-Nitrosodimethylamine
 Concen: 36.071 ng
 RT: 3.24 min Scan# 196
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Tgt Ion: 42 Resp: 158081

Ion	Ratio	Lower	Upper
42	100		
74	155.6	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 74.140 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

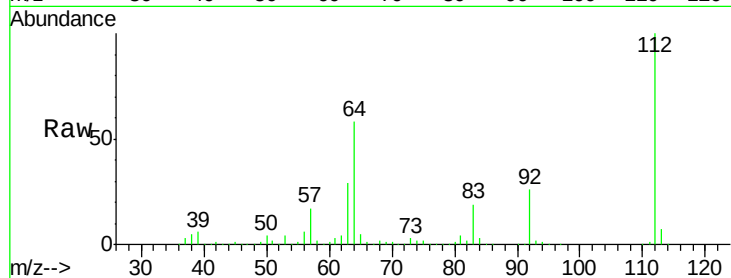
Tot Ion:112 Resp: 709513

Ion Ratio Lower Upper

112 100

64 57.9 47.9 71.9

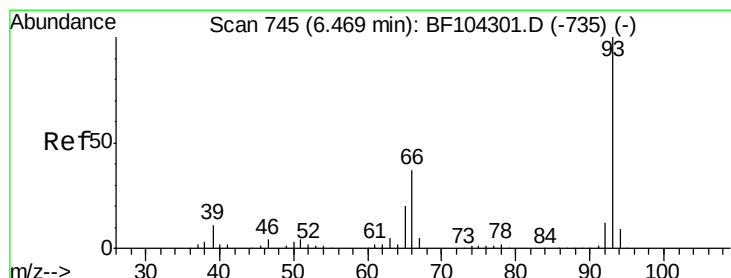
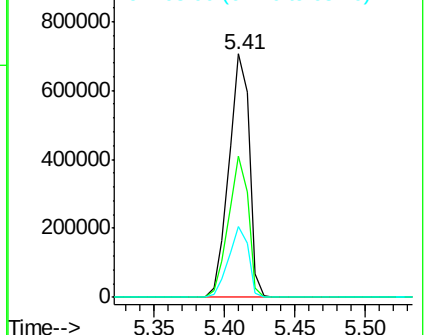
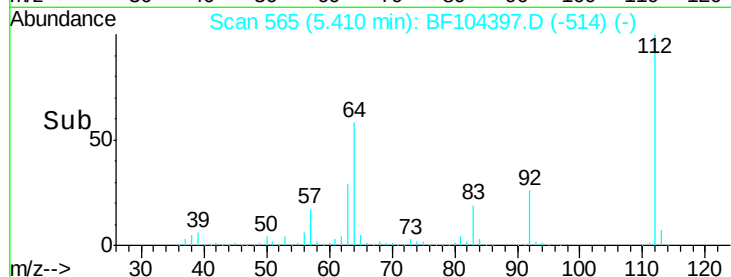
63 29.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.568 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

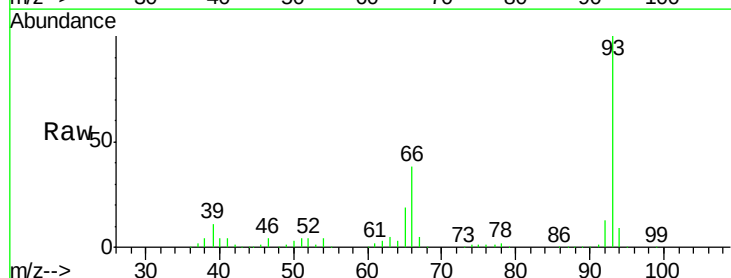
Tgt Ion: 93 Resp: 613719

Ion Ratio Lower Upper

93 100

66 38.4 32.2 48.2

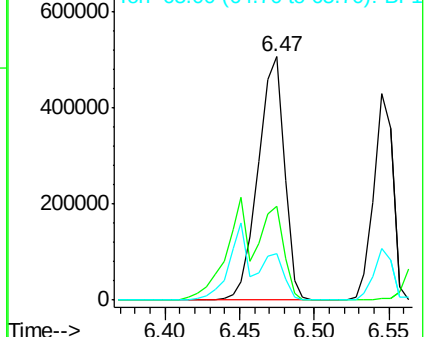
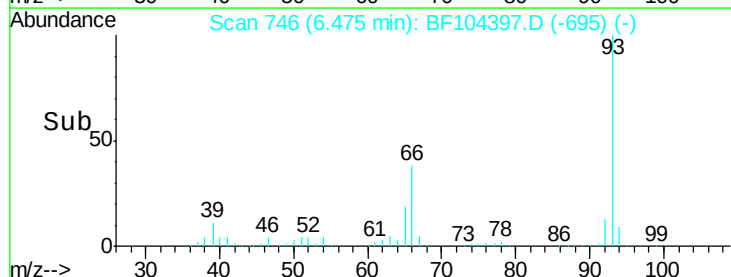
65 19.3 16.4 24.6

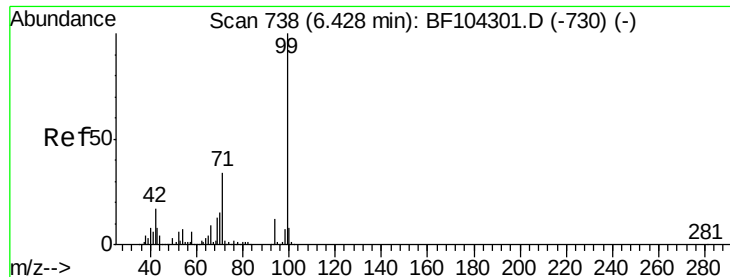


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.241 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

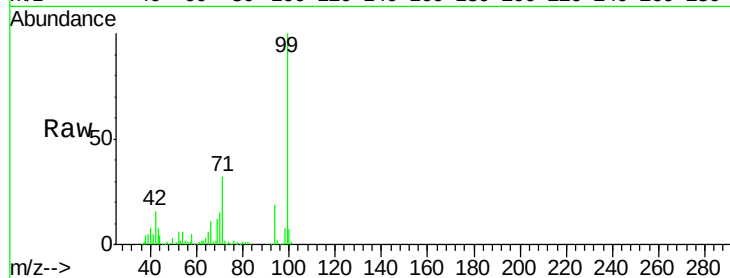
Tot Ion: 99 Resp: 884707

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

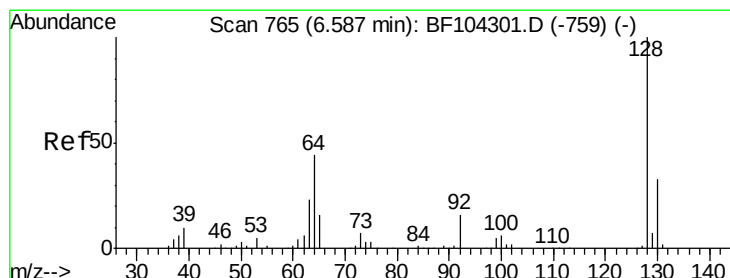
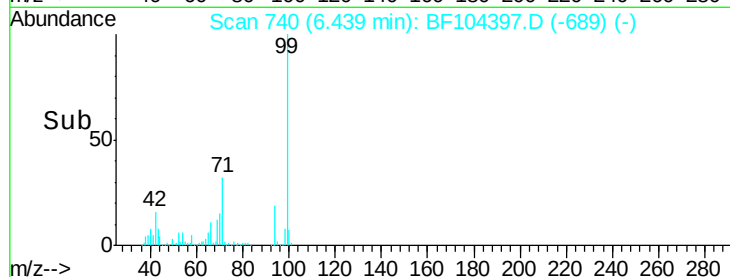
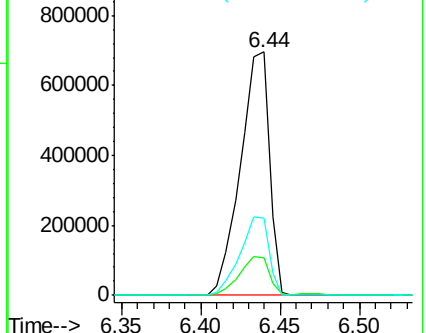
71 31.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.235 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

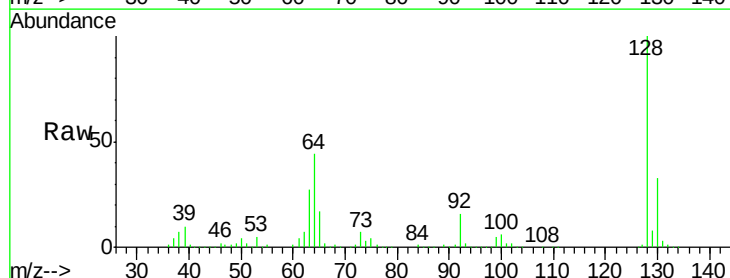
Tgt Ion: 128 Resp: 386204

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

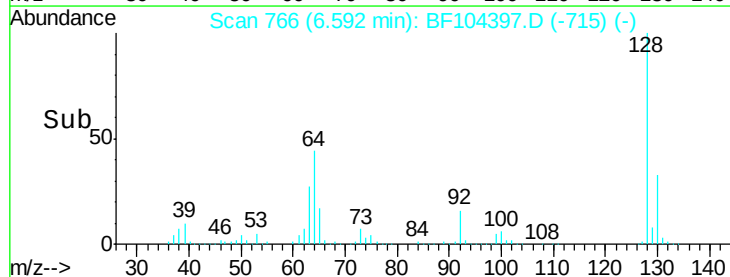
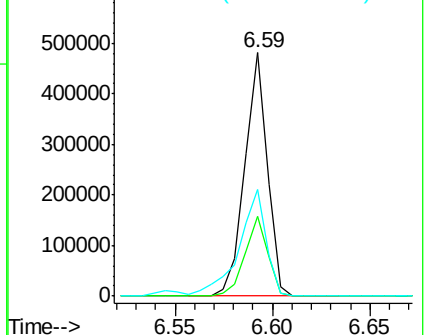
64 43.9 29.4 69.4

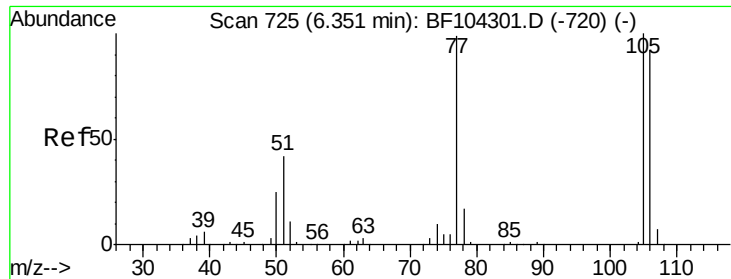


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

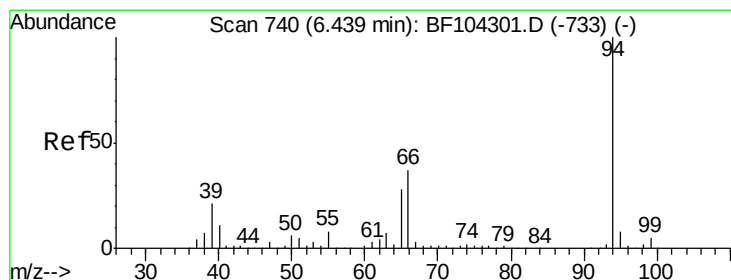
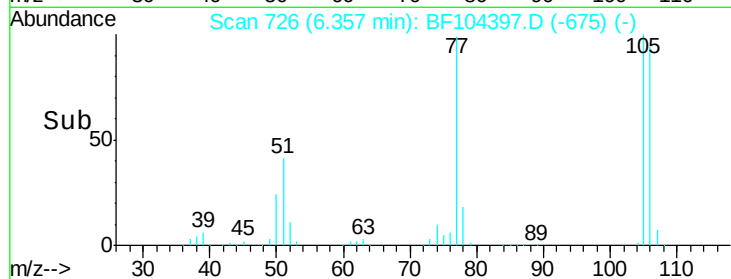
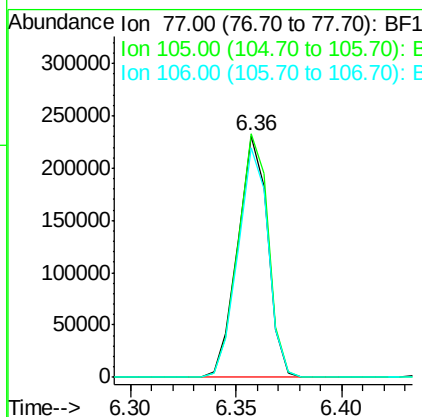
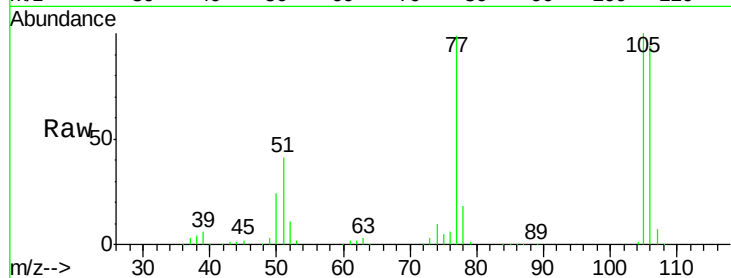




#9
Benzaldehyde
Concen: 37.333 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

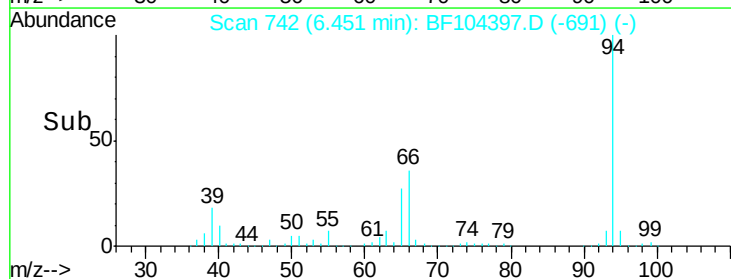
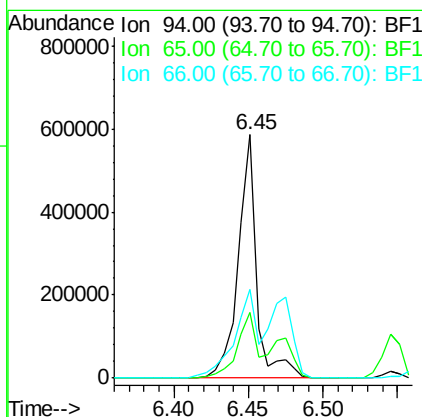
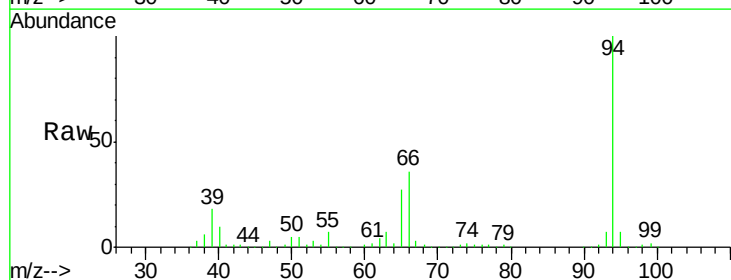
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

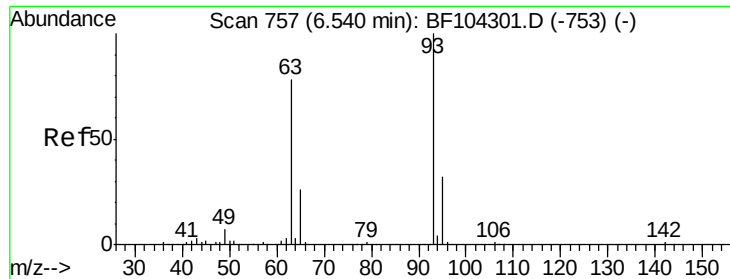
Tot Ion: 77 Resp: 227003
Ion Ratio Lower Upper
77 100
105 100.9 81.1 121.1
106 95.4 74.5 114.5



#10
Phenol
Concen: 40.625 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Tgt Ion: 94 Resp: 506838
Ion Ratio Lower Upper
94 100
65 27.2 7.9 47.9
66 36.3 16.2 56.2

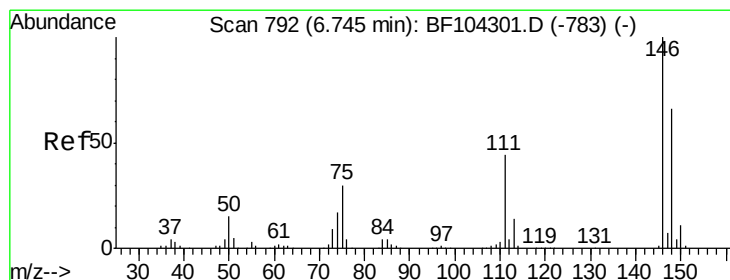
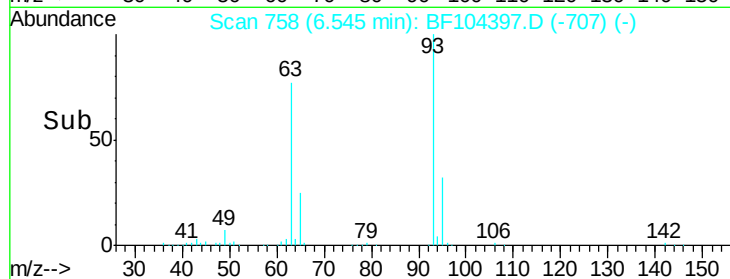
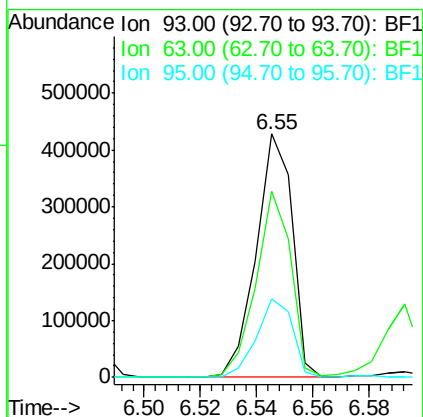
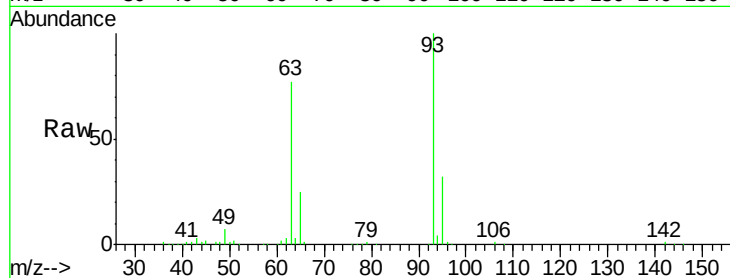




#11
 bis(2-Chloroethyl)ether
 Concen: 38.059 ng
 RT: 6.55 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

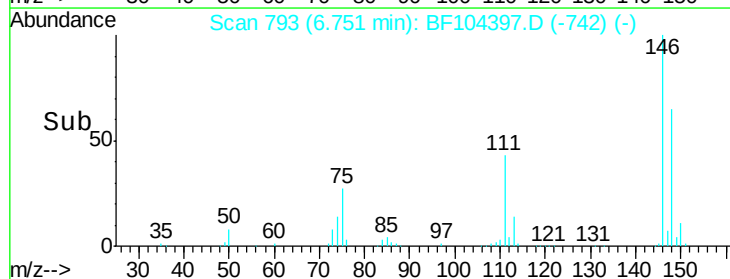
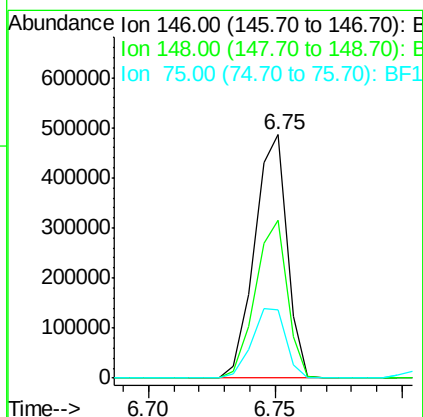
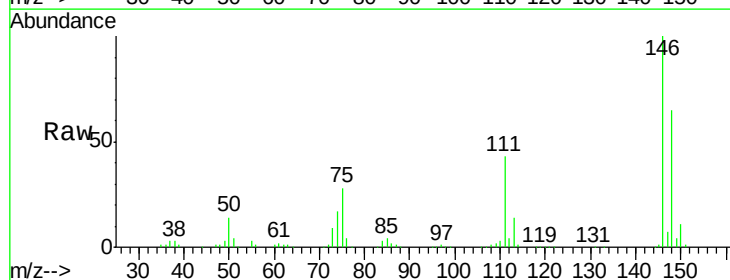
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

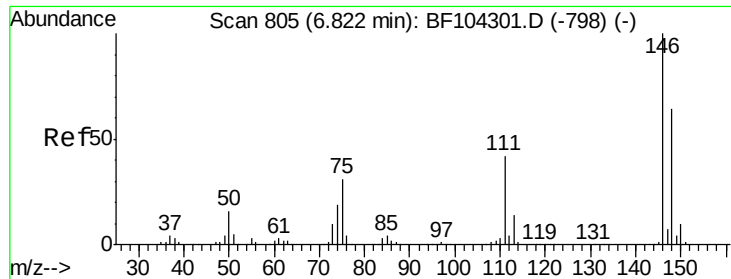
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.6	58.6	98.6
95	32.1	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.091 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	28.0	24.2	36.4

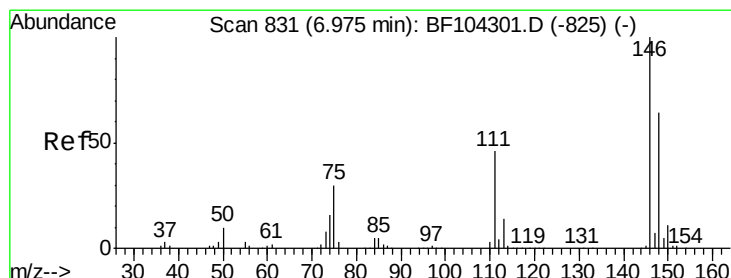
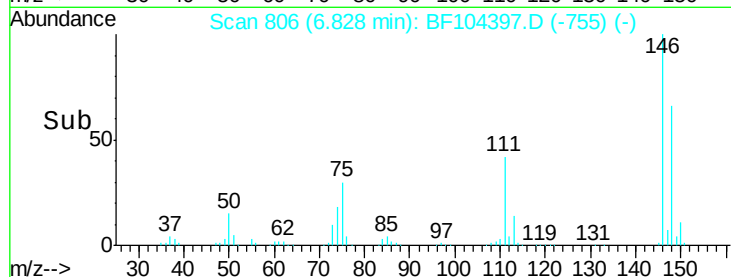
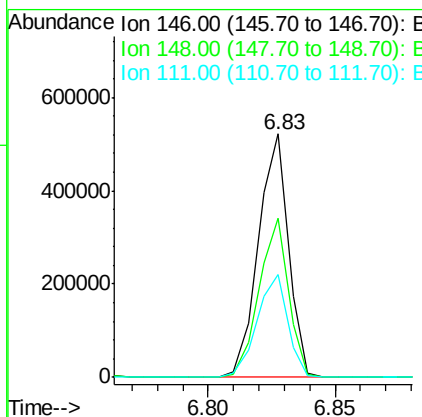
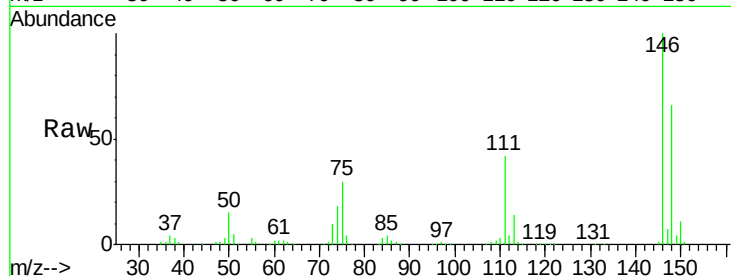




#13
 1,4-Dichlorobenzene
 Concen: 38.038 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

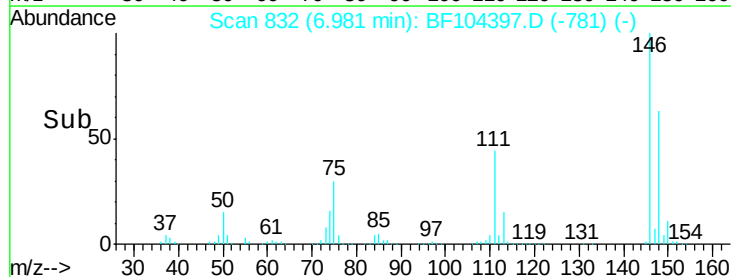
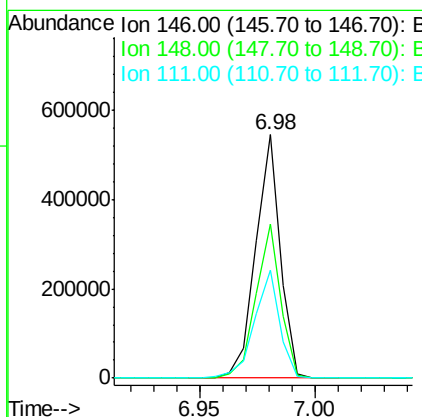
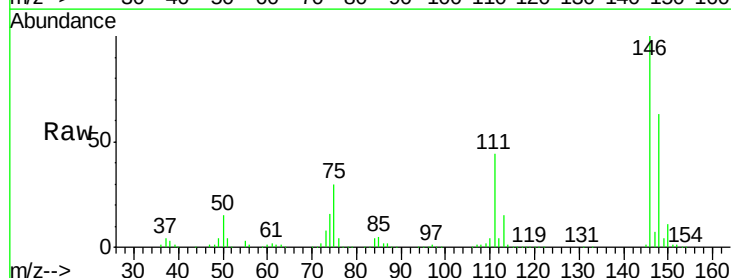
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

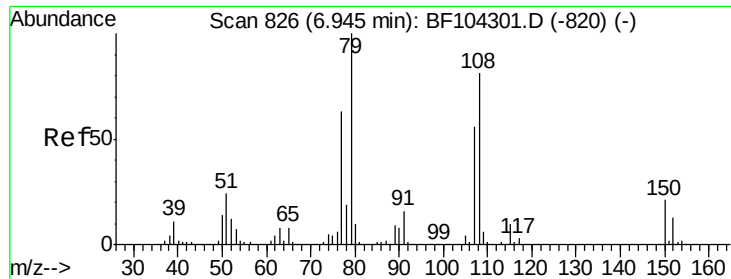
Tot Ion:146 Resp: 433894
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.8 76.2
 111 42.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.418 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Tgt Ion:146 Resp: 406097
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 44.3 36.0 54.0

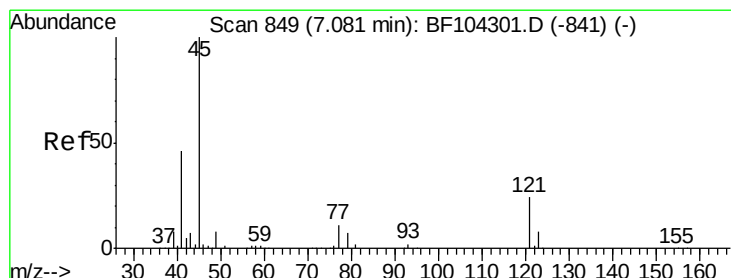
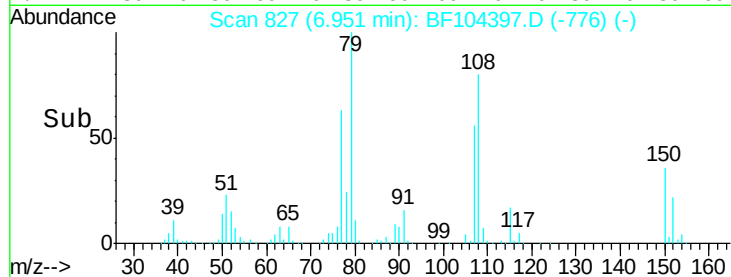
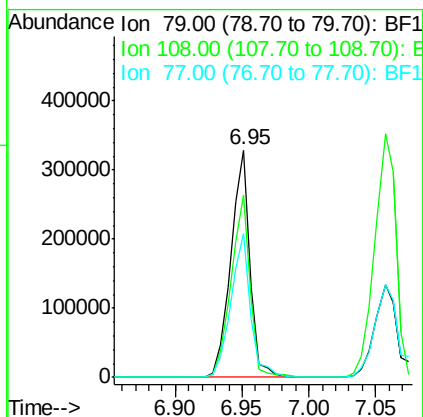
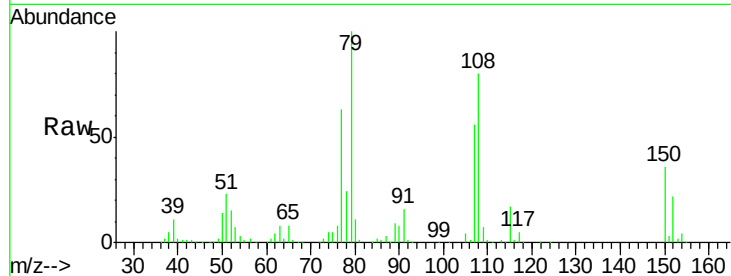




#15
Benzyl Alcohol
Concen: 37.245 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

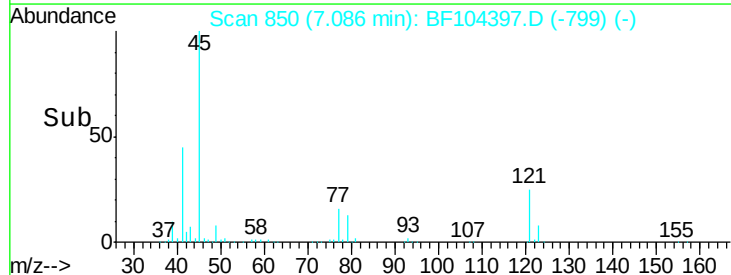
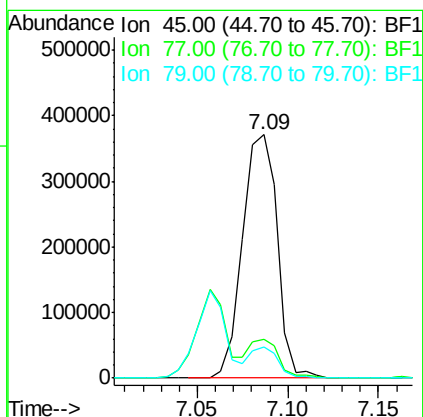
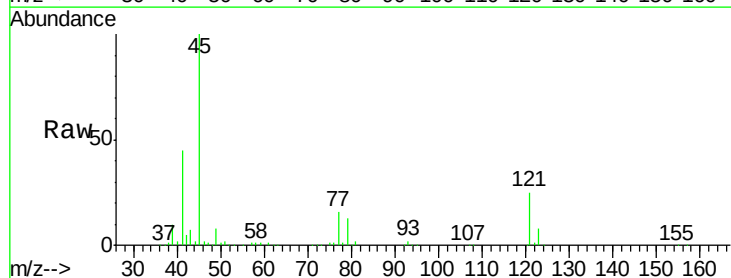
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

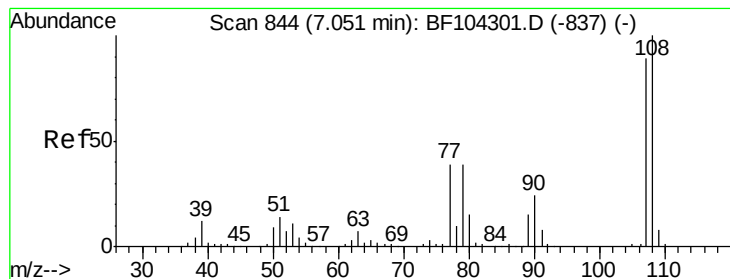
Tot Ion: 79 Resp: 332624
Ion Ratio Lower Upper
79 100
108 80.3 65.1 97.7
77 63.2 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.938 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Tgt Ion: 45 Resp: 493869
Ion Ratio Lower Upper
45 100
77 16.0 0.0 32.9
79 13.0 0.0 29.6





#17

2-Methylphenol

Concen: 38.540 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 338387

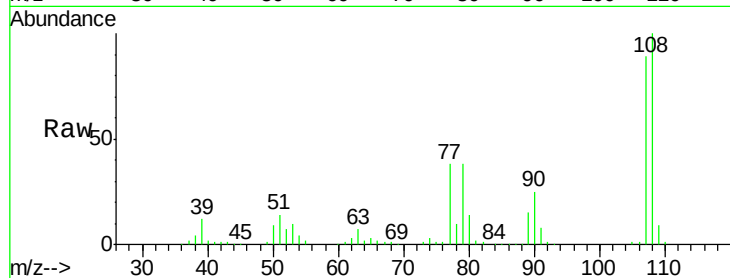
Ion Ratio Lower Upper

107 100

108 112.1 91.7 137.5

77 42.7 33.8 50.8

79 42.4 33.8 50.8

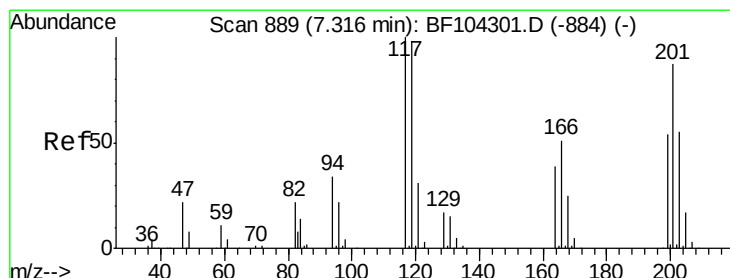
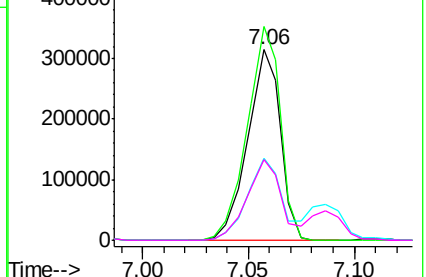
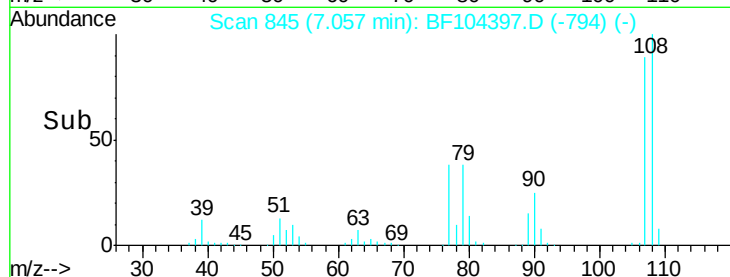


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.601 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

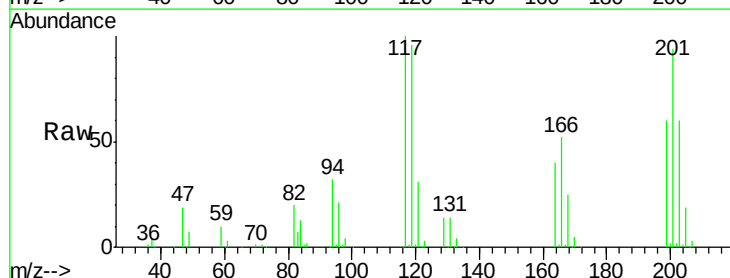
Tgt Ion:117 Resp: 156988

Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.8

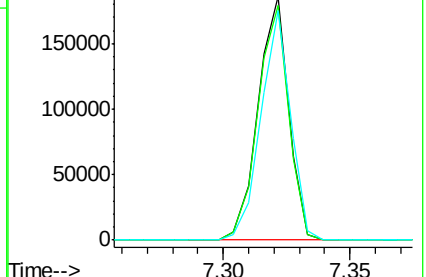
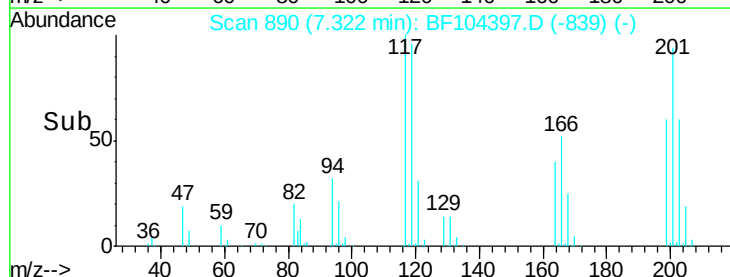
201 94.4 75.7 113.5

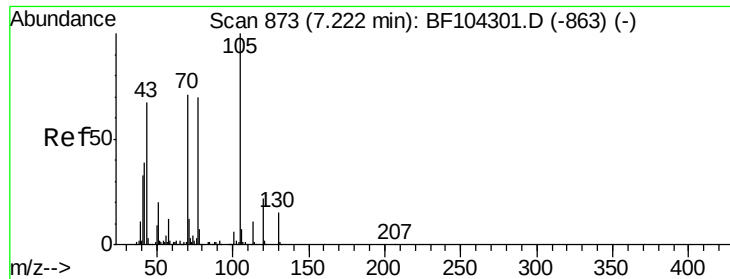


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

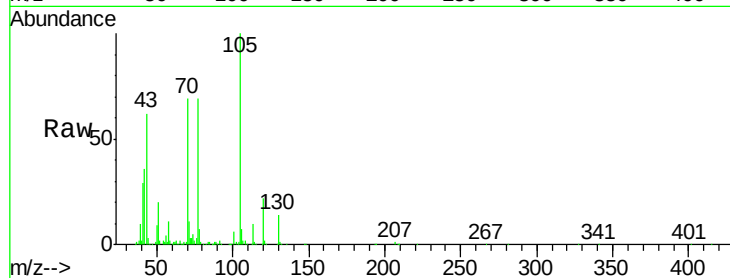




#19
n-Nitroso-di-n-propylamine
Concen: 35.457 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.3	47.5	71.3
101	9.4	7.4	11.2
130	21.1	16.6	25.0



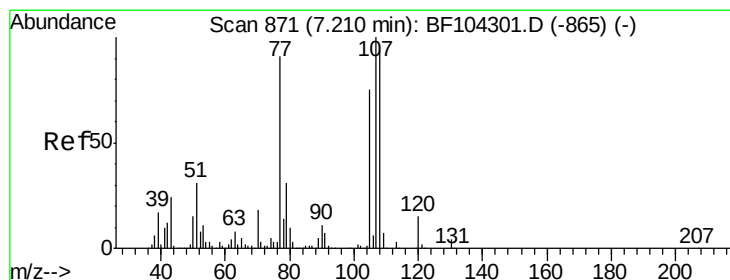
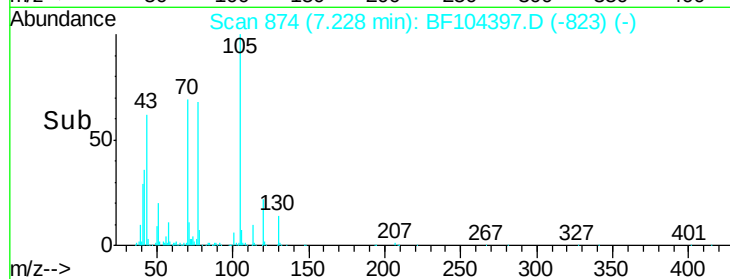
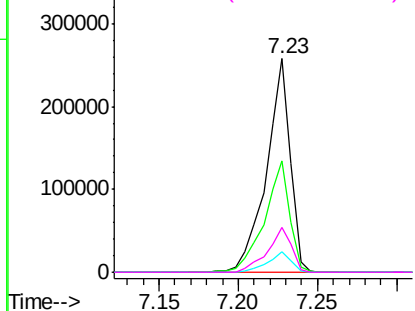
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 37.209 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	88.2	26.7	66.7
79	29.6	6.3	46.3

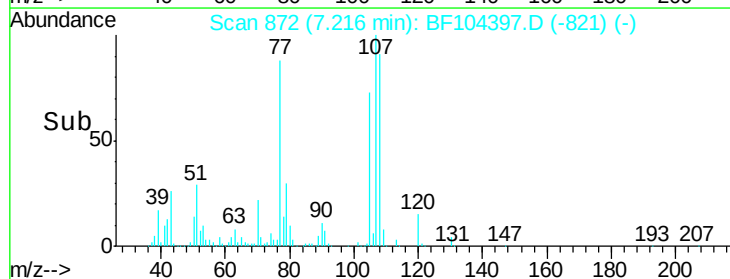
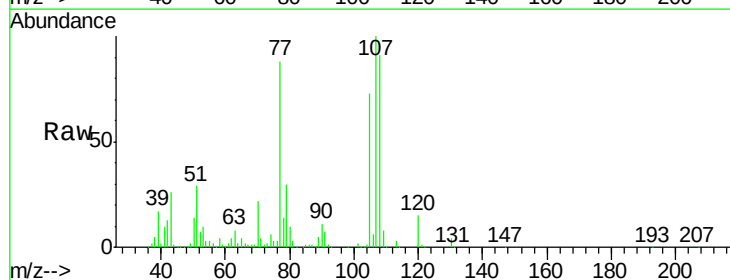
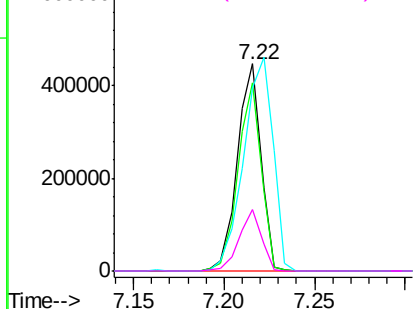
Abundance

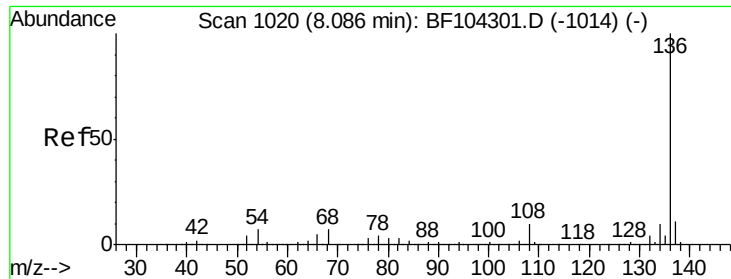
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 605566

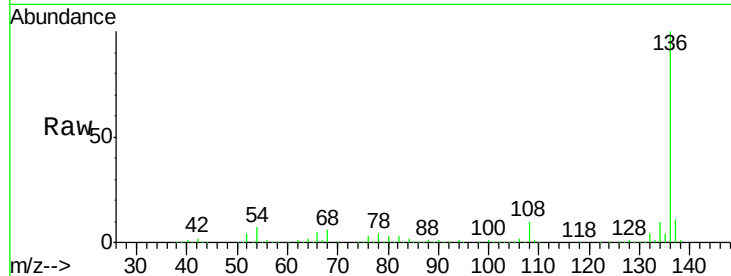
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.1 6.6 9.8

68 6.5 5.0 7.4

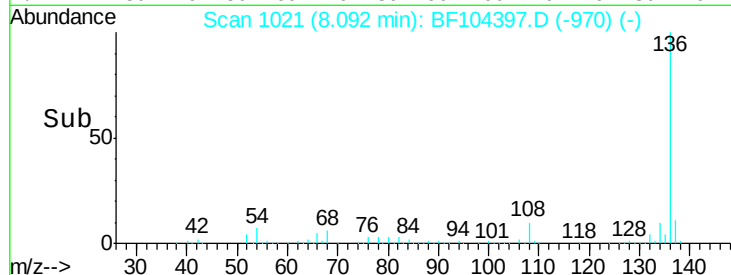


Abundance Ion 136.00 (135.70 to 136.70): E

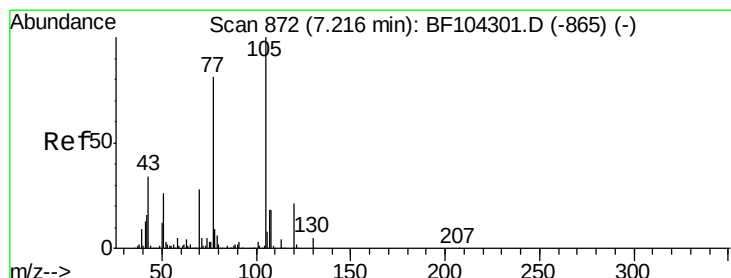
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 36.133 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Tgt Ion:105 Resp: 538694

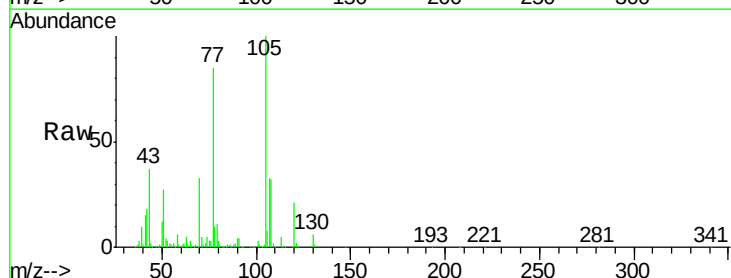
Ion Ratio Lower Upper

105 100

71 5.5 4.4 6.6

51 27.0 22.3 33.5

120 21.2 16.9 25.3

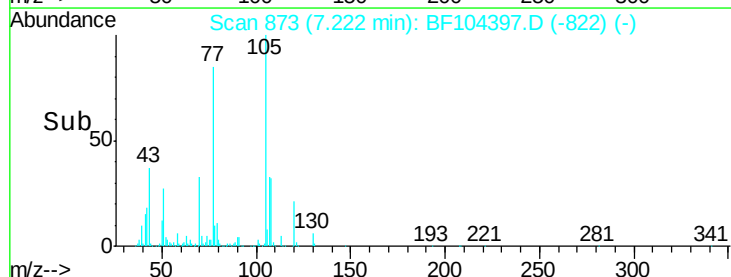


Abundance Ion 105.00 (104.70 to 105.70): E

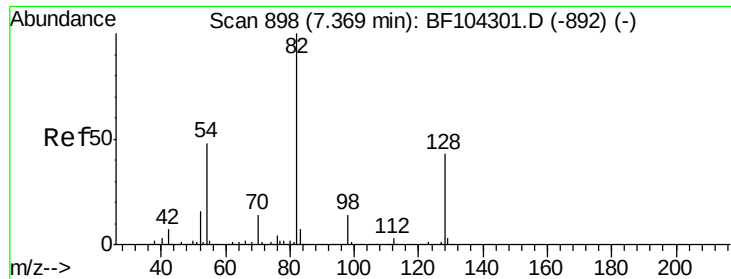
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



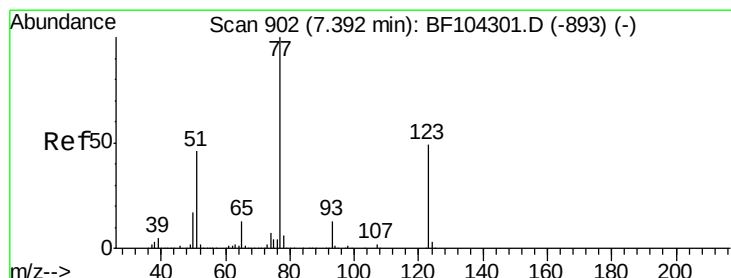
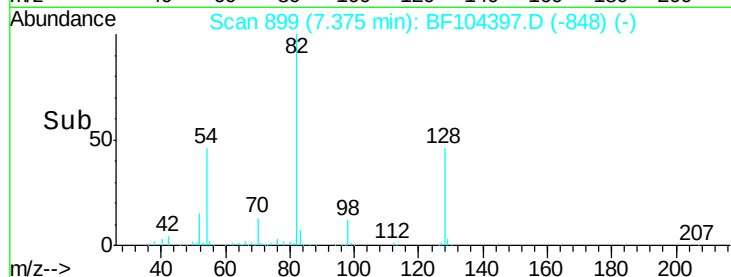
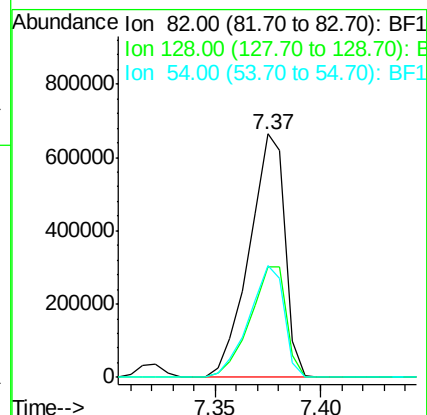
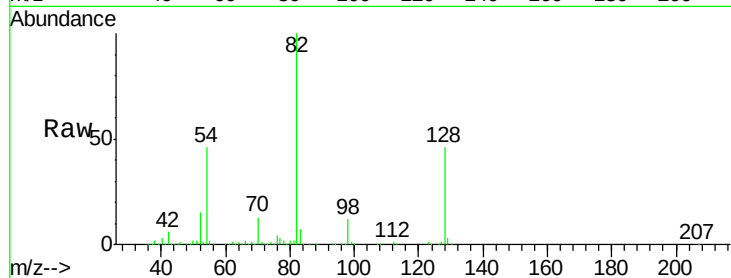
Time-->



#23
 Nitrobenzene-d5
 Concen: 83.978 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

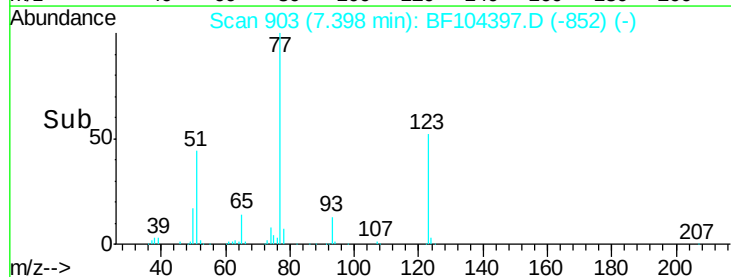
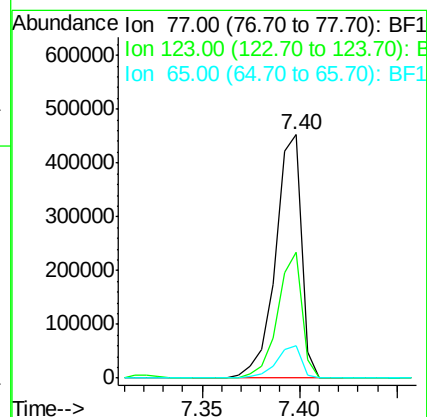
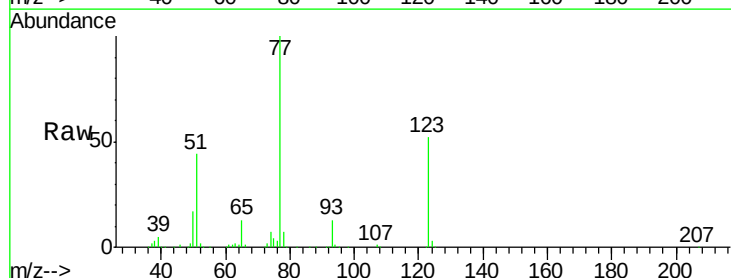
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

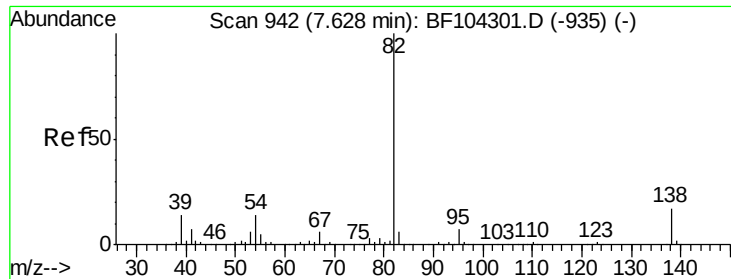
Tot Ion	82	Resp	778801
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	45.6		
54	45.8		
	41.4		
	62.2		



#24
 Nitrobenzene
 Concen: 40.655 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Tgt Ion	77	Resp	416265
Ion Ratio	100		
Lower	37.9		
Upper	56.9		
123	51.8		
65	13.3		
	11.0		
	16.4		





#25

Isophorone

Concen: 36.446 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

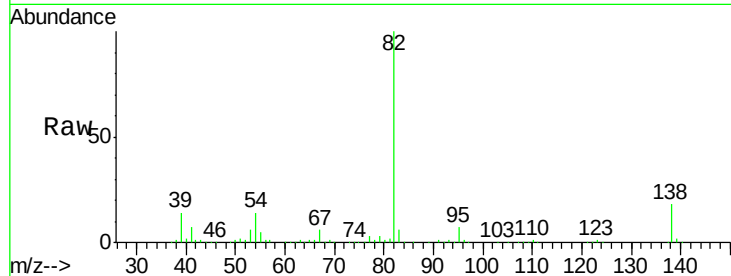
Tot Ion: 82 Resp: 714741

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

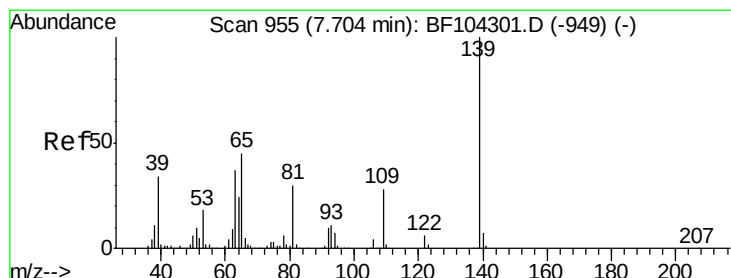
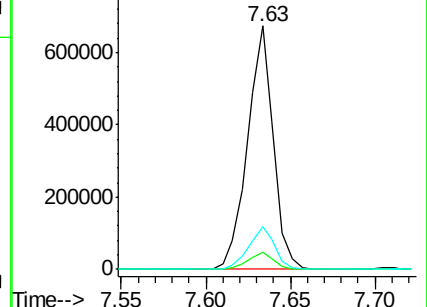
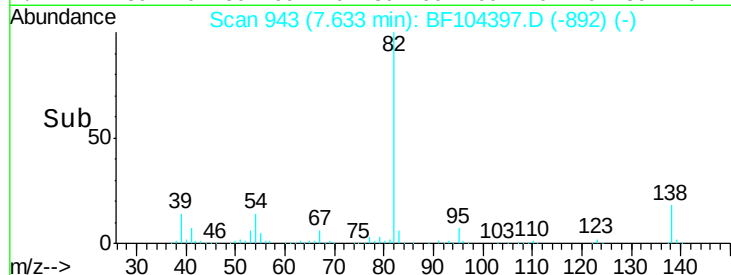
138 17.7 14.9 22.3



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: 49.793 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

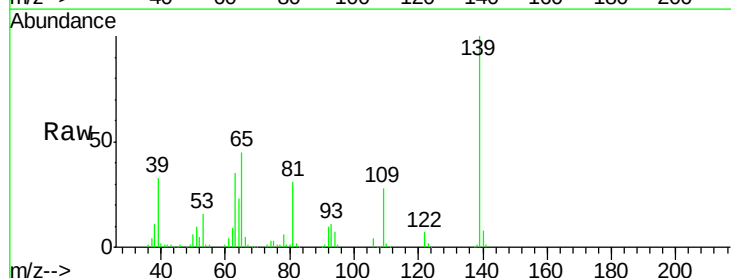
Tgt Ion: 139 Resp: 207553

Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

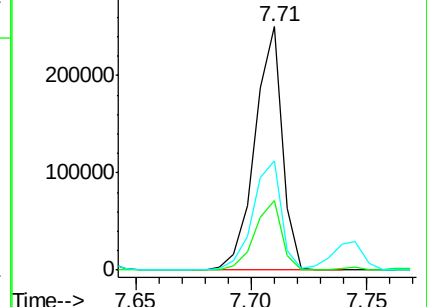
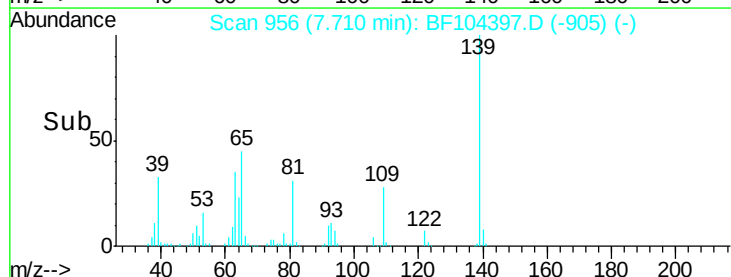
65 45.0 40.5 60.7

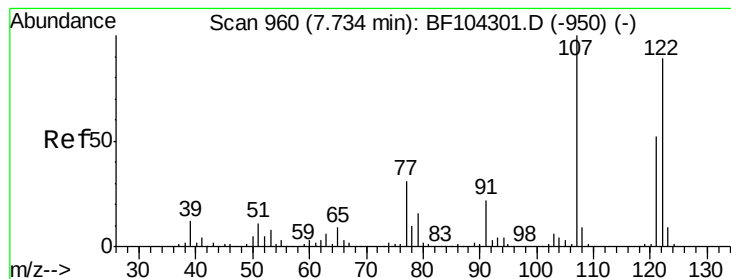


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.325 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

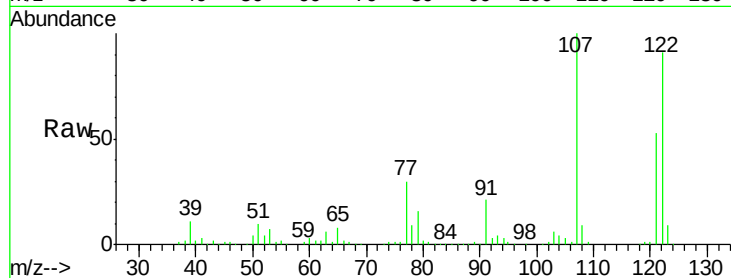
Tot Ion:122 Resp: 323047

Ion Ratio Lower Upper

122 100

107 109.8 91.2 136.8

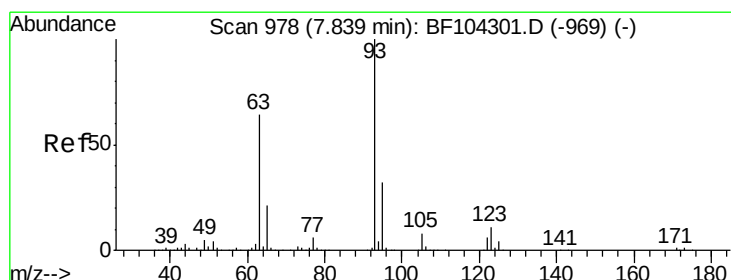
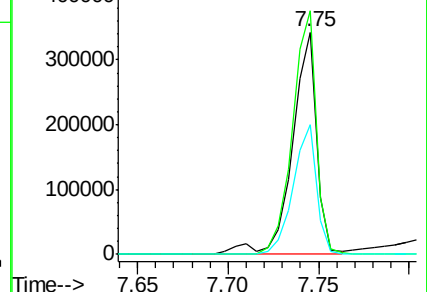
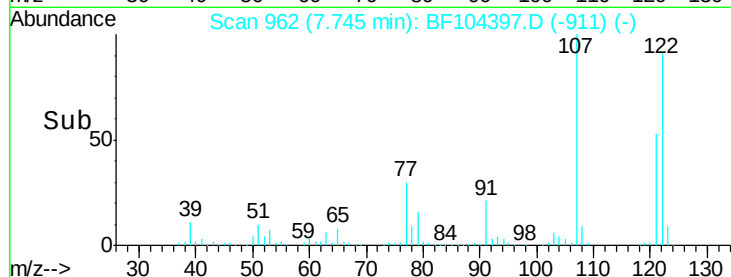
121 58.6 47.2 70.8



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: 37.085 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

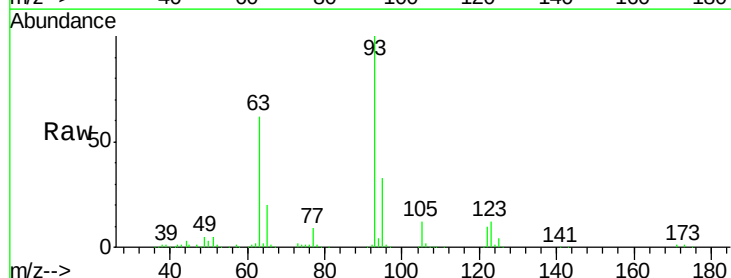
Tgt Ion: 93 Resp: 444660

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

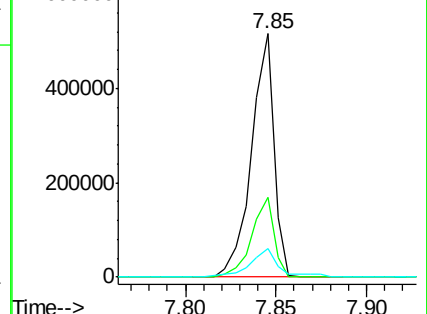
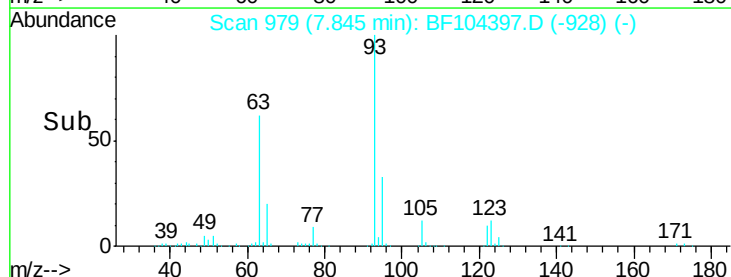
123 12.0 9.8 14.6

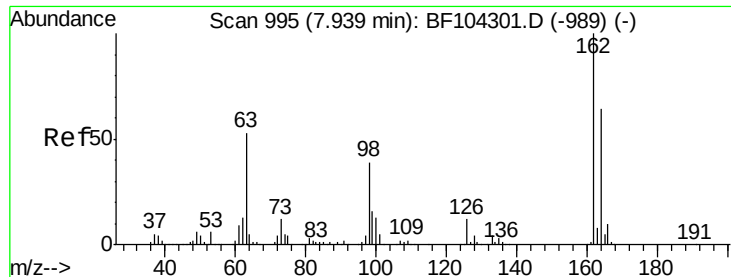


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

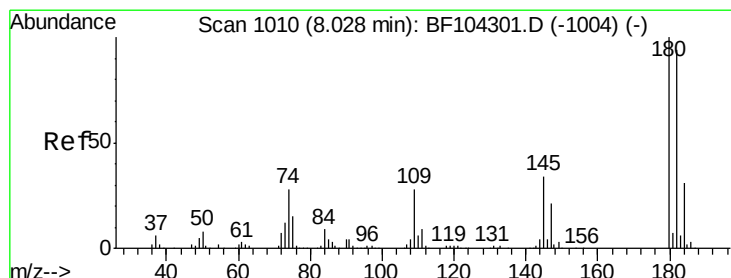
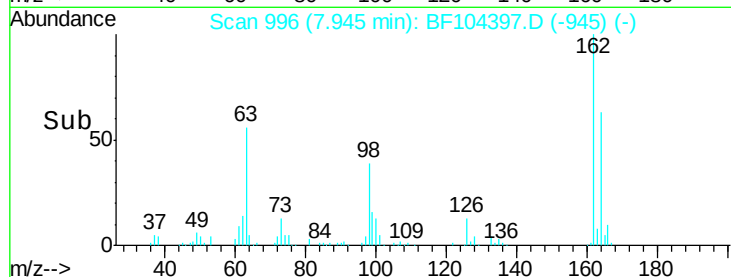
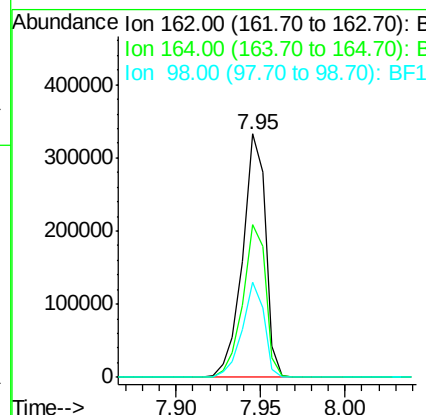
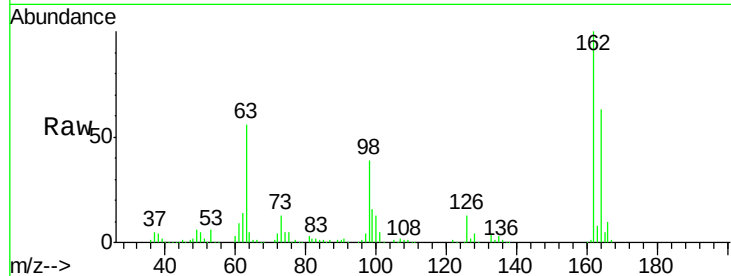




#29
2,4-Dichlorophenol
Concen: 38.099 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

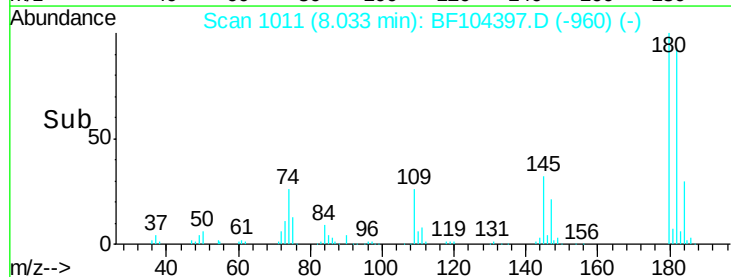
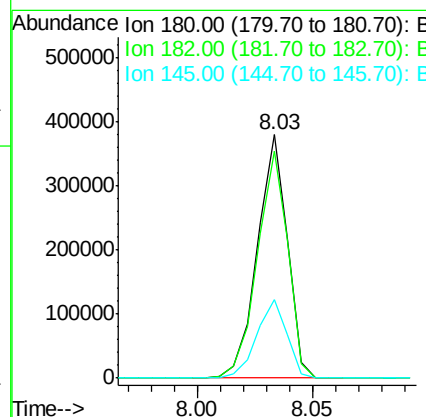
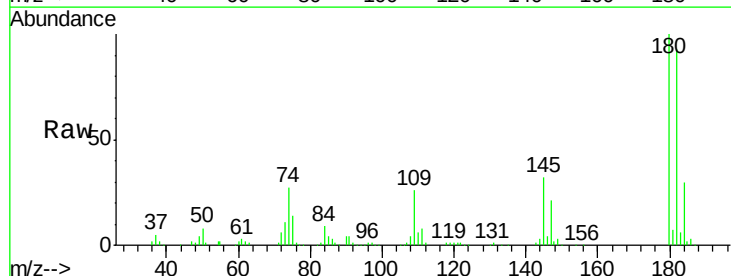
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

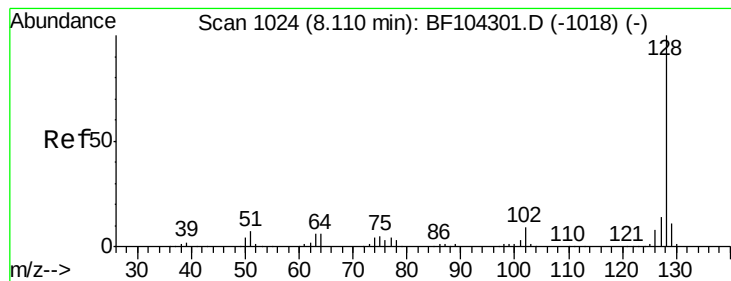
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.7	82.7
98	39.3	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 37.997 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.8	115.2
145	32.0	26.5	39.7





#31

Naphthalene

Concen: 37.424 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

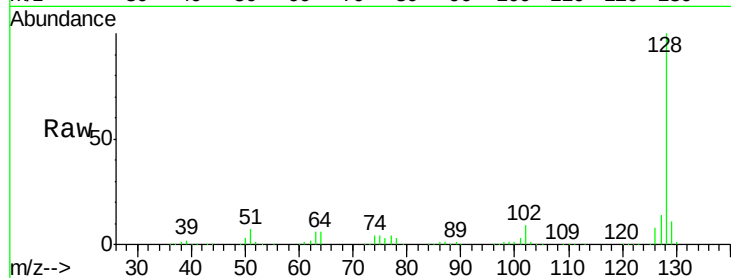
Tot Ion:128 Resp: 1128494

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

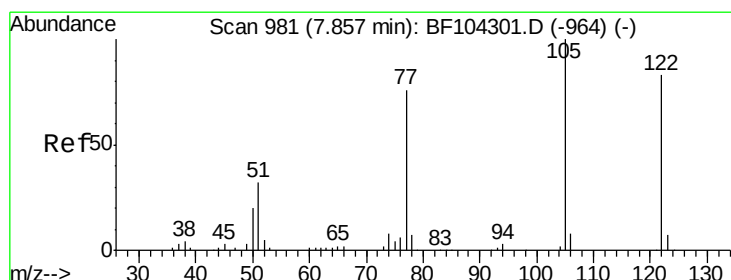
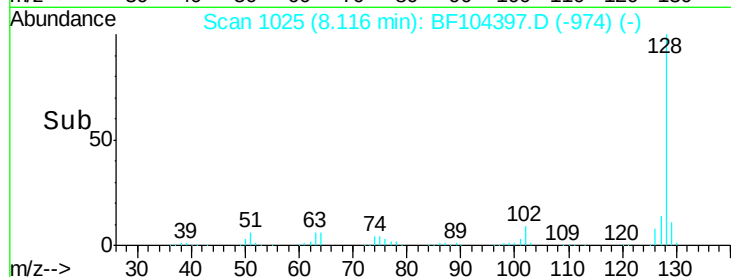
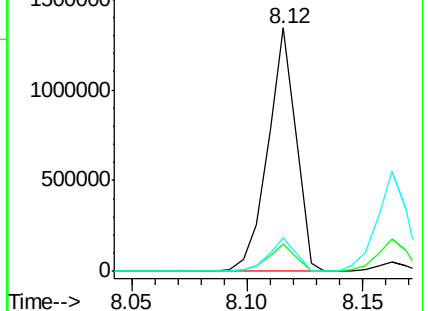
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.326 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

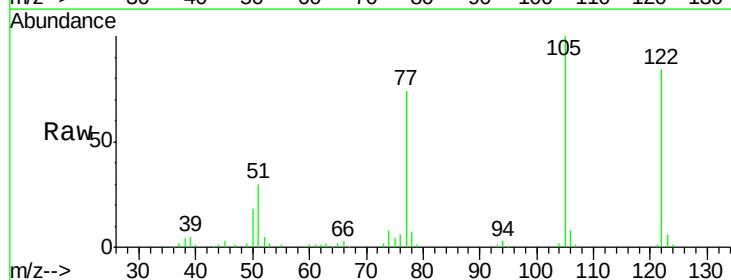
Tgt Ion:122 Resp: 243946

Ion Ratio Lower Upper

122 100

105 118.6 101.1 141.1

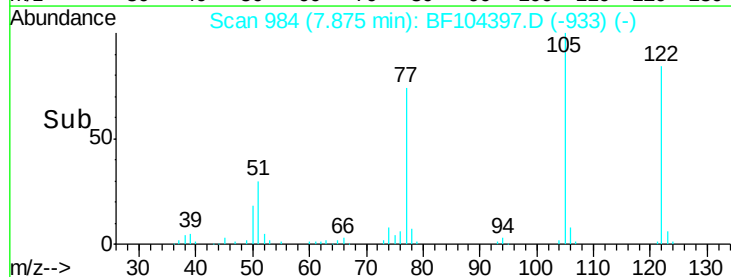
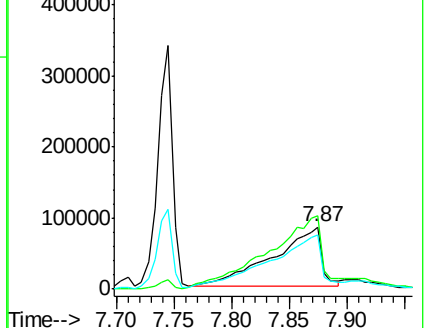
77 87.5 70.7 110.7

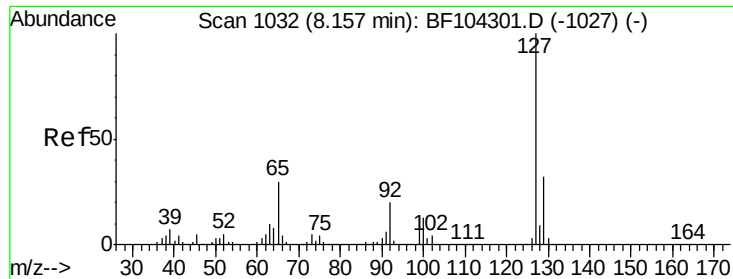


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

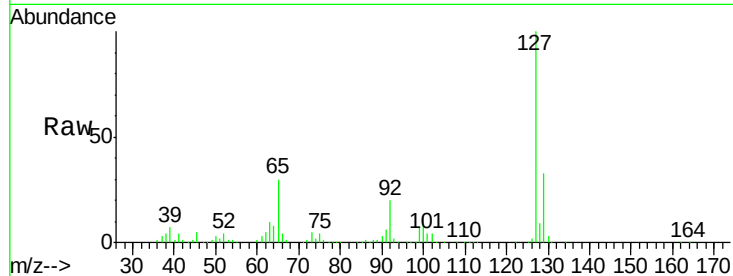




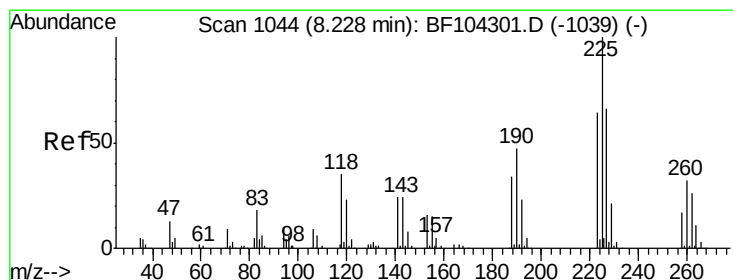
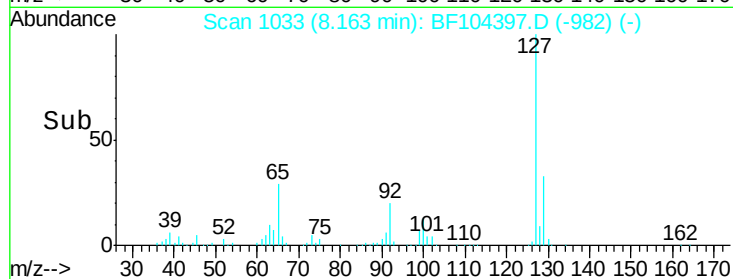
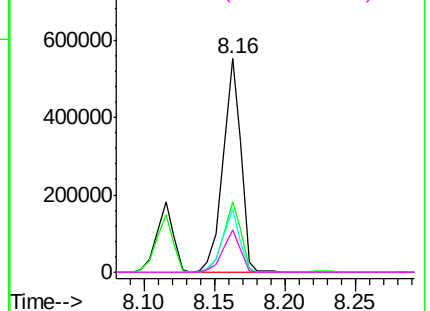
#33
4-Chloroaniline
Concen: 37.417 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	483367
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	29.5	25.0	37.4
92	19.5	15.2	22.8

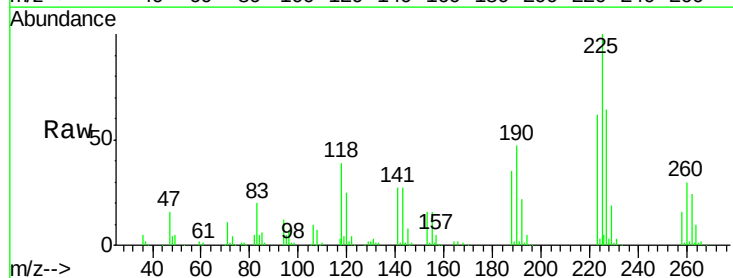


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

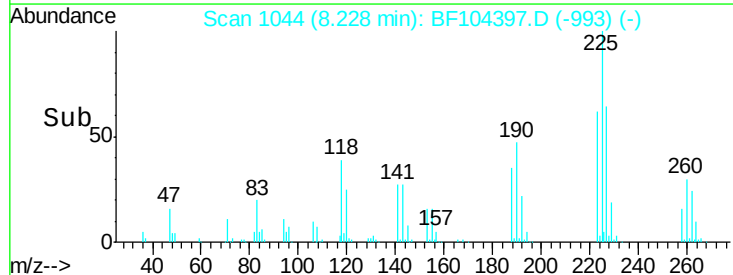
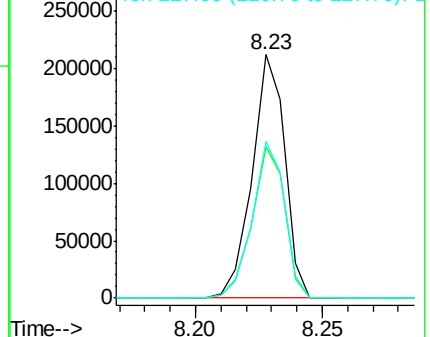


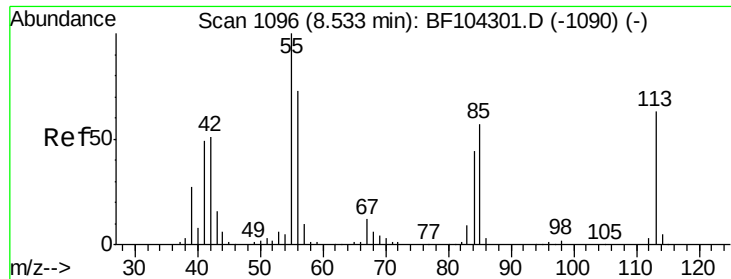
#34
Hexachlorobutadiene
Concen: 38.366 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Tgt Ion:	225	Resp:	190451
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	64.2	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: 37.506 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

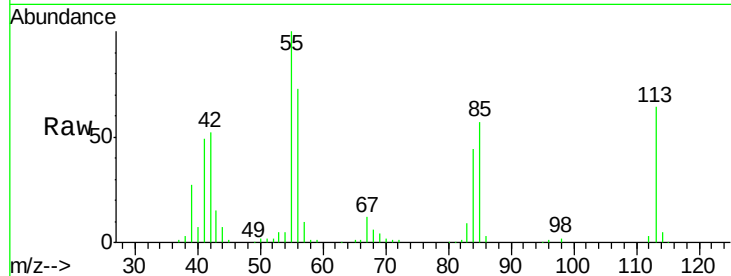
Tot Ion:113 Resp: 108047

Ion Ratio Lower Upper

113 100

55 156.7 163.3 203.3#

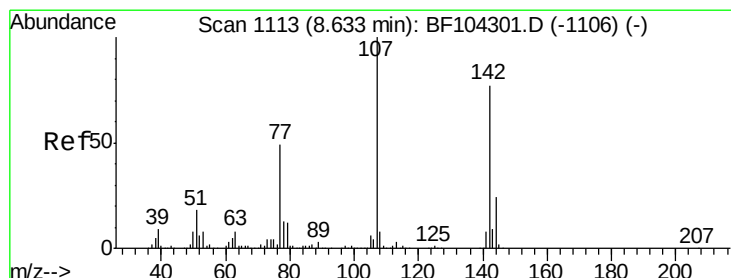
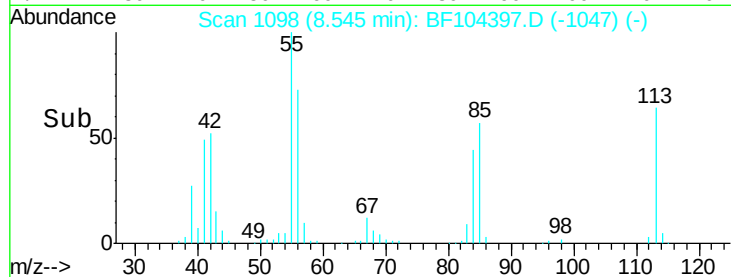
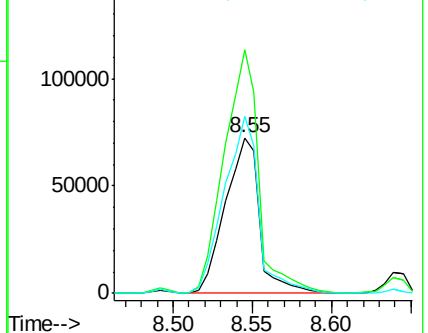
56 114.3 115.7 155.7#



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: 37.779 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

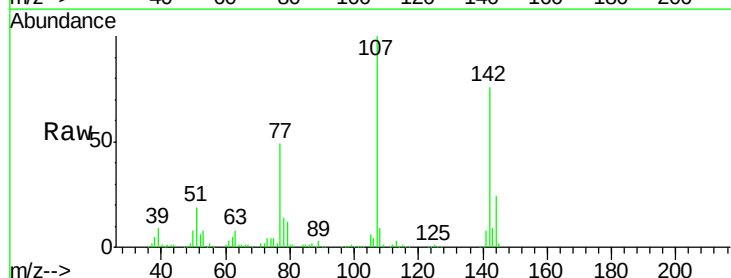
Tgt Ion:107 Resp: 334523

Ion Ratio Lower Upper

107 100

144 24.3 20.5 30.7

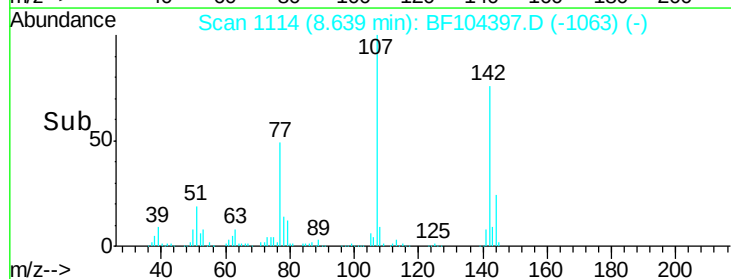
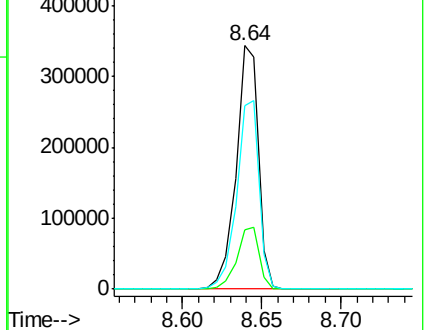
142 75.6 62.0 93.0

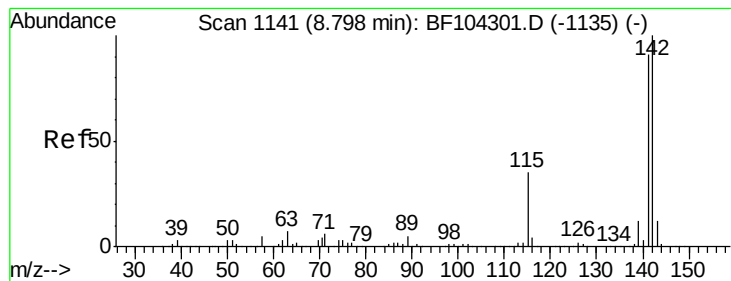


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.093 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

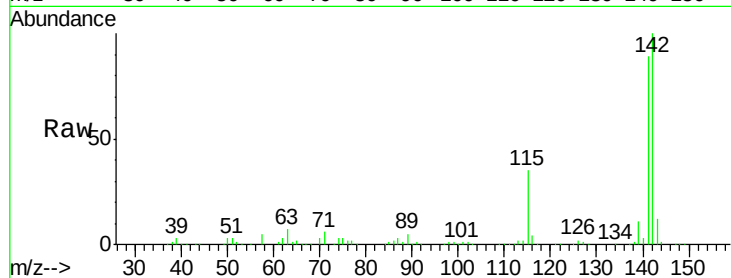
Tot Ion:142 Resp: 723497

Ion Ratio Lower Upper

142 100

141 89.2 70.8 106.2

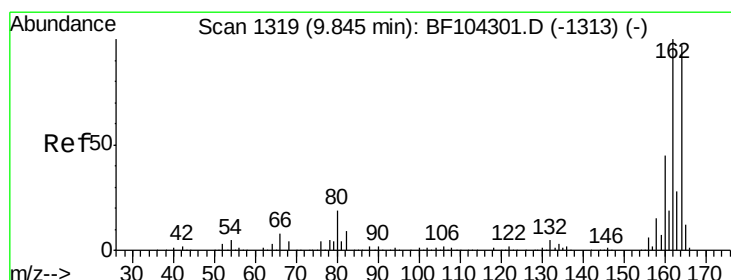
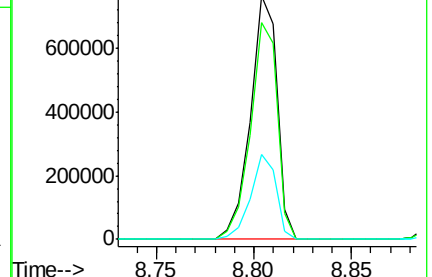
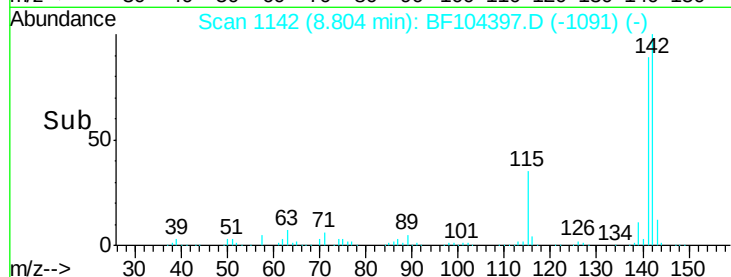
115 34.7 26.1 39.1



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: BF104397.D

Acq: 10 Apr 2018 9:12

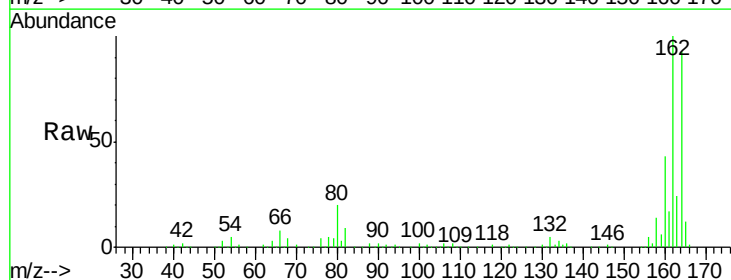
Tgt Ion:164 Resp: 278196

Ion Ratio Lower Upper

164 100

162 107.4 86.1 129.1

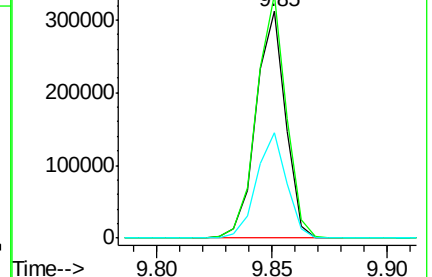
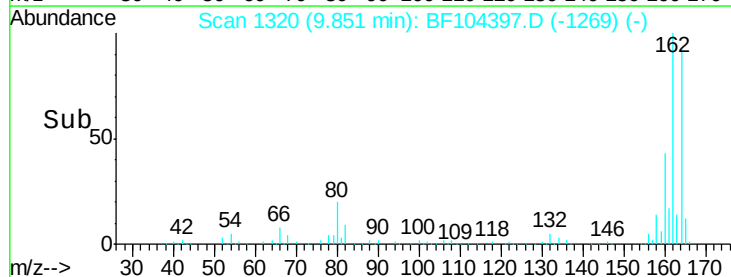
160 46.4 38.3 57.5

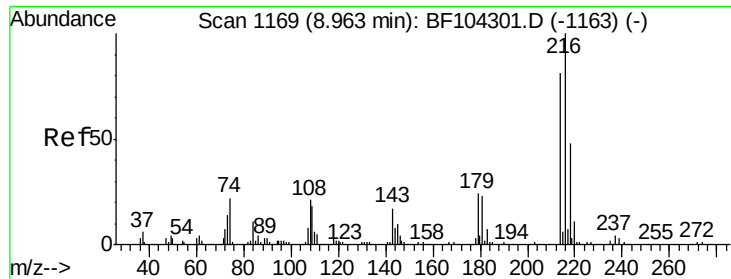


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

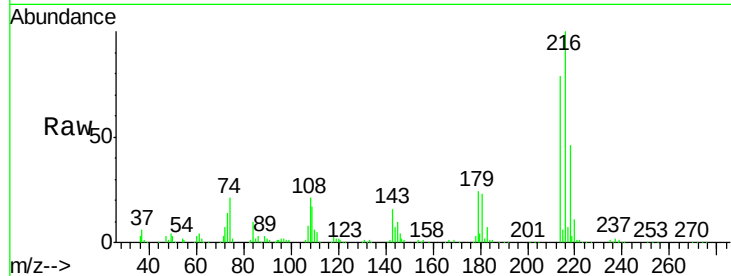




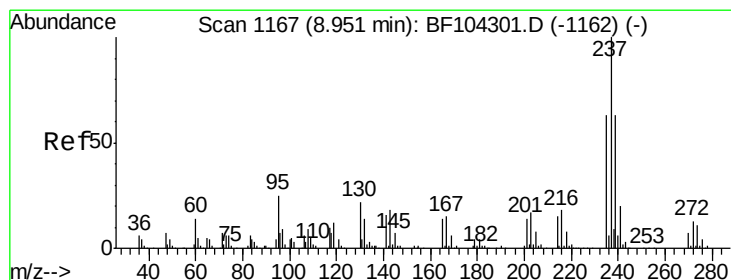
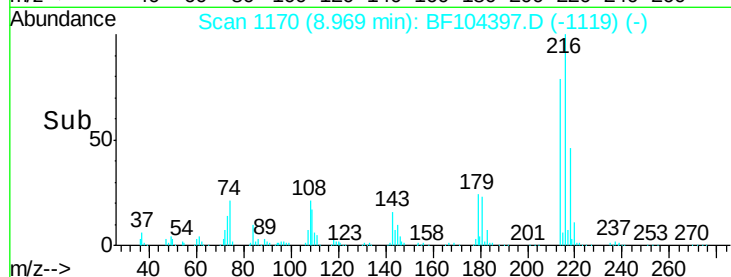
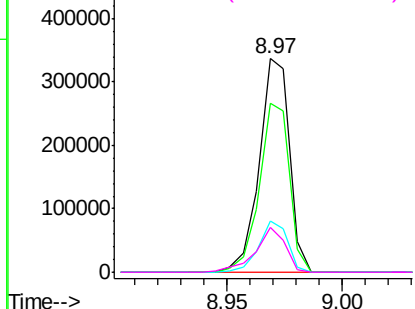
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.808 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	309050
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.8	18.1	27.1
108	21.1	17.2	25.8

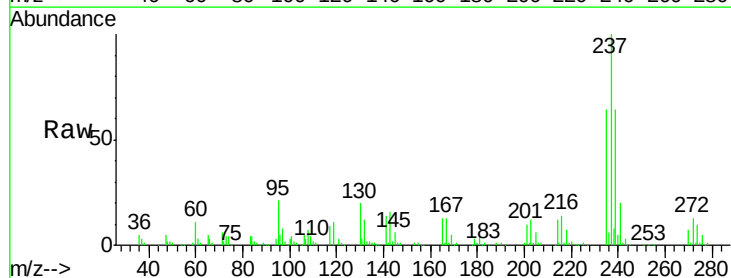


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

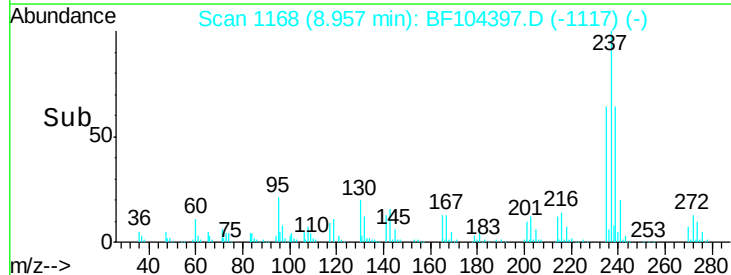
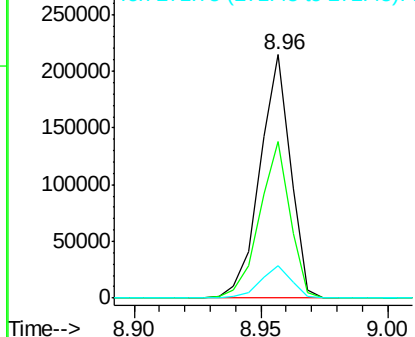


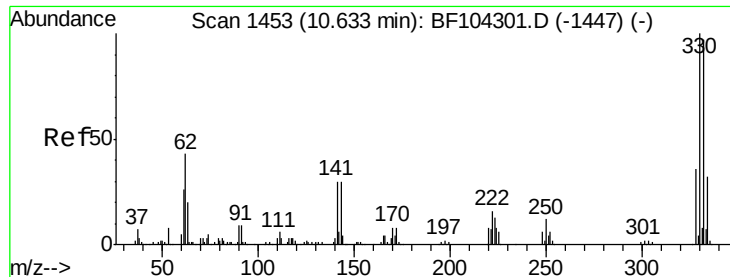
#40
 Hexachlorocyclopentadiene
 Concen: 40.571 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Tgt Ion:	237	Resp:	180877
Ion	Ratio	Lower	Upper
237	100		
235	64.1	44.8	84.8
272	13.5	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

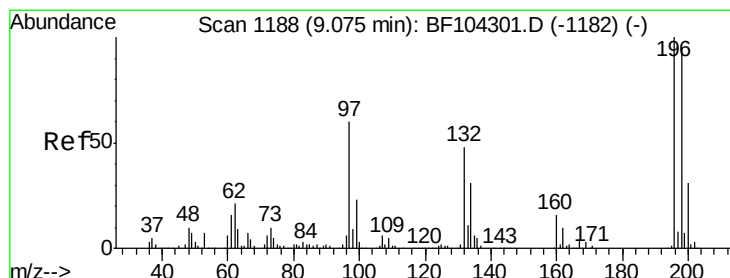
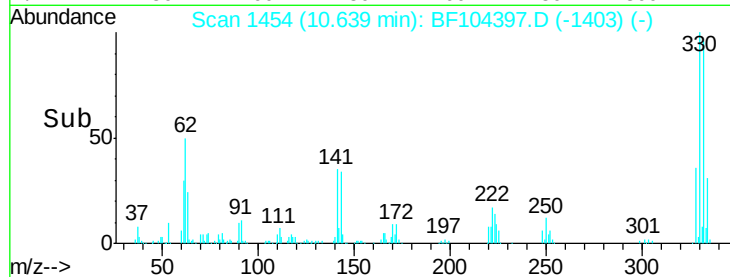
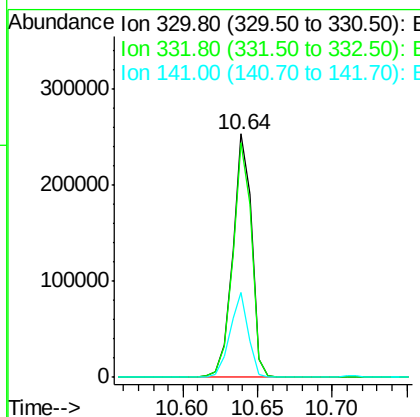
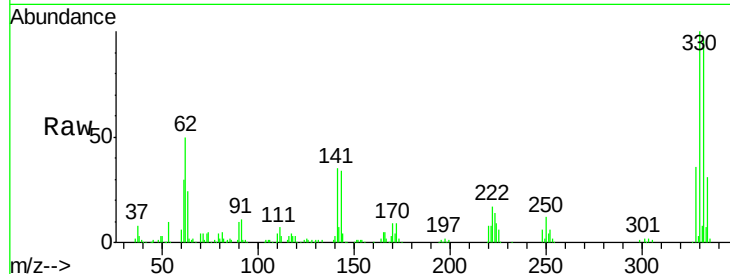




#41
 2,4,6-Tribromophenol
 Concen: 78.459 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

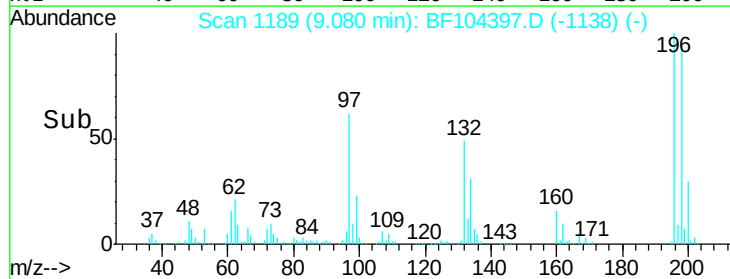
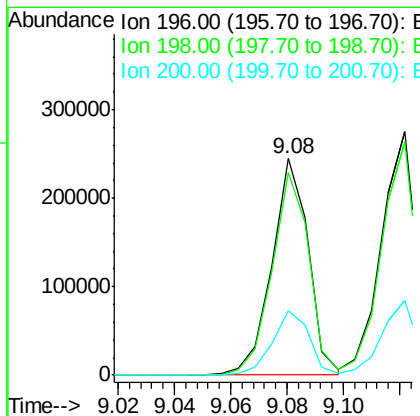
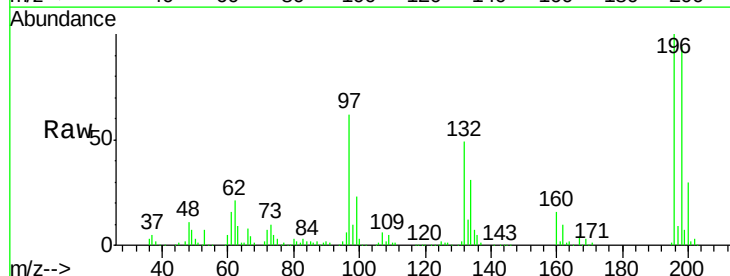
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

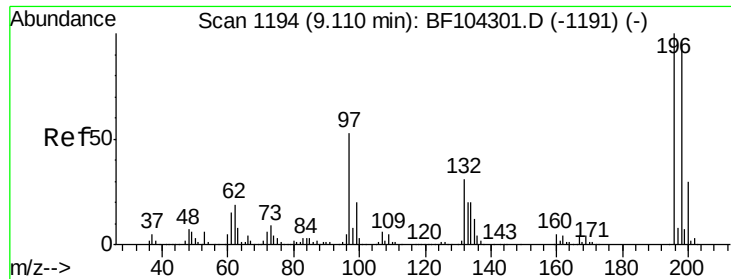
Tot Ion:330 Resp: 226417
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.8 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.571 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Tgt Ion:196 Resp: 218756
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.7 113.5
 200 29.5 24.5 36.7

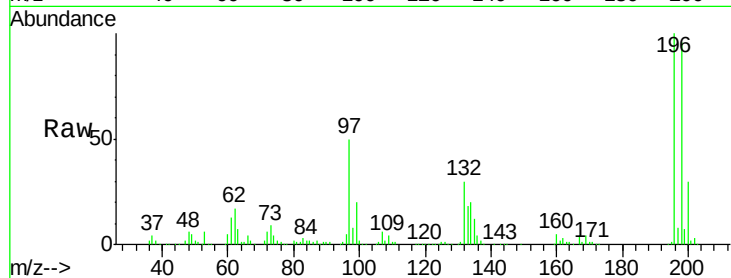




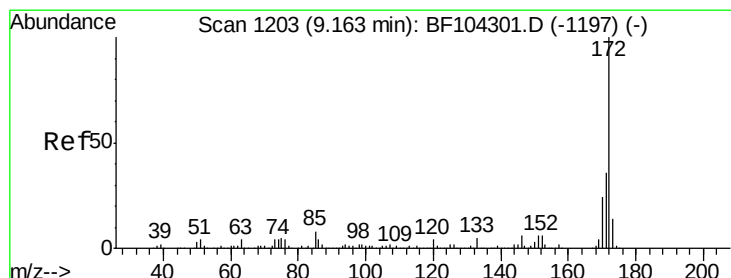
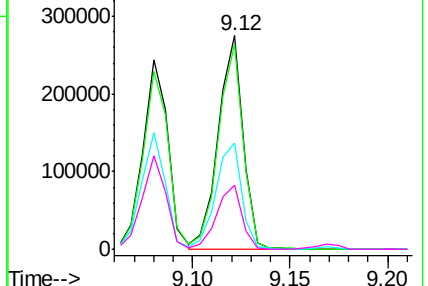
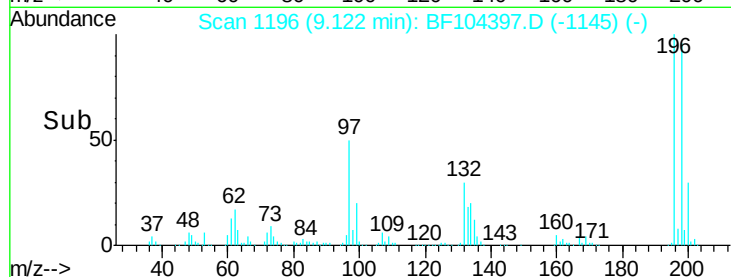
#43
 2,4,5-Trichlorophenol
 Concen: 39.266 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196	Resp:	242910
Ion Ratio	Lower	Upper
196	100	
198	95.9	74.6 112.0
97	49.9	42.9 64.3
132	29.9	26.3 39.5

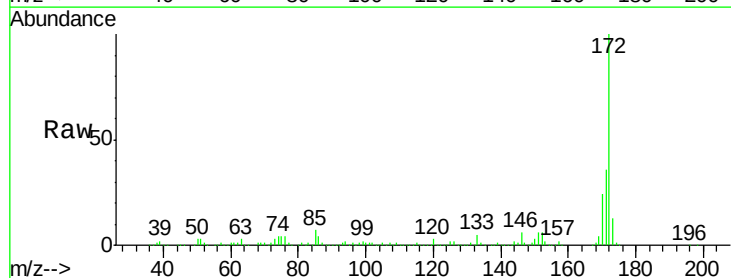


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

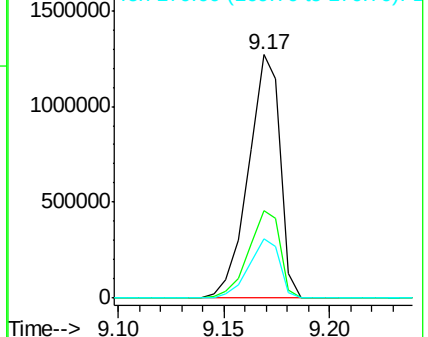
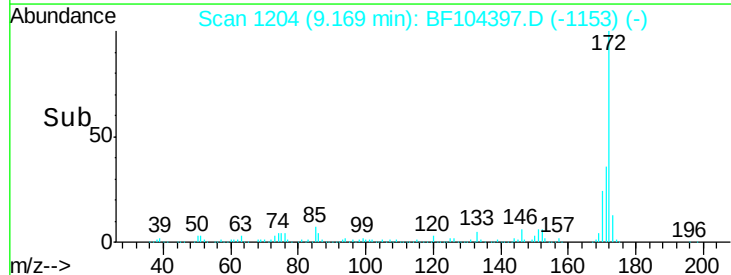


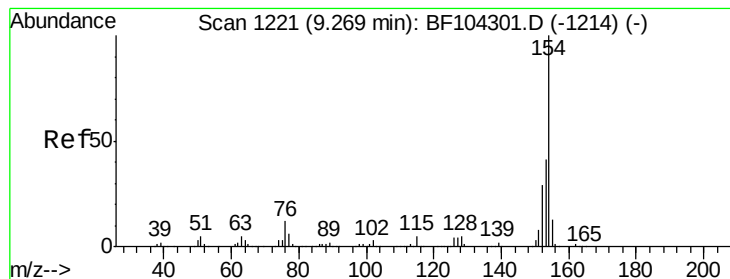
#44
 2-Fluorobiphenyl
 Concen: 74.825 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Tgt Ion:172	Resp:	1317674
Ion Ratio	Lower	Upper
172	100	
171	36.0	29.7 44.5
170	24.4	19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 37.537 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

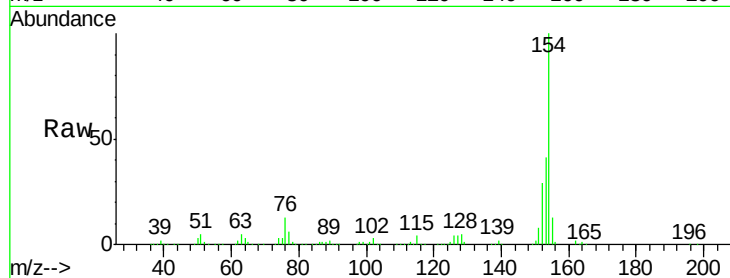
Tot Ion:154 Resp: 877244

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

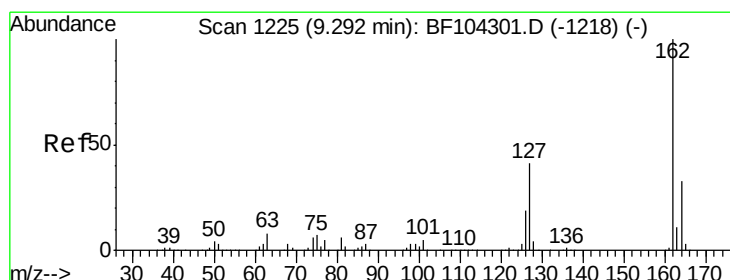
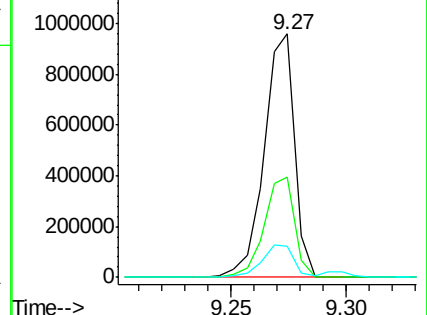
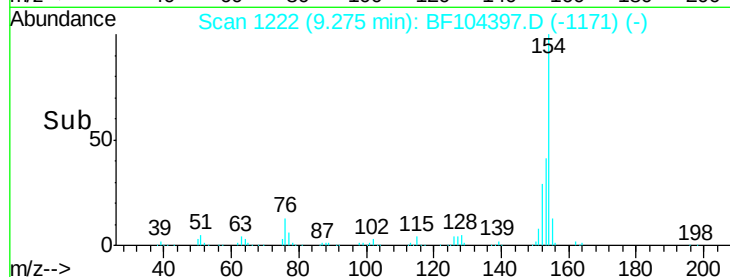
76 12.6 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.116 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

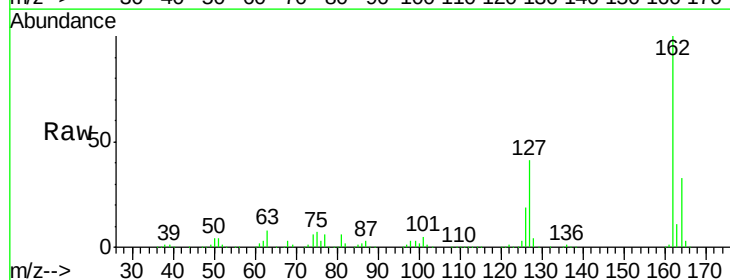
Tgt Ion:162 Resp: 703617

Ion Ratio Lower Upper

162 100

127 41.0 33.9 50.9

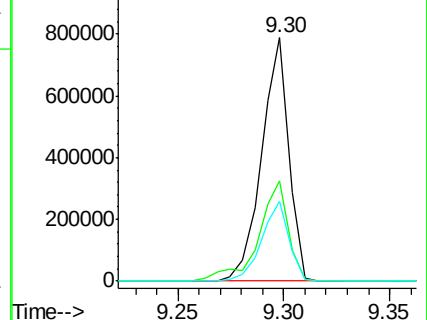
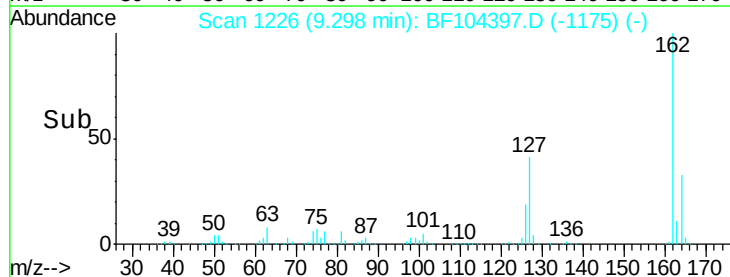
164 32.9 26.5 39.7

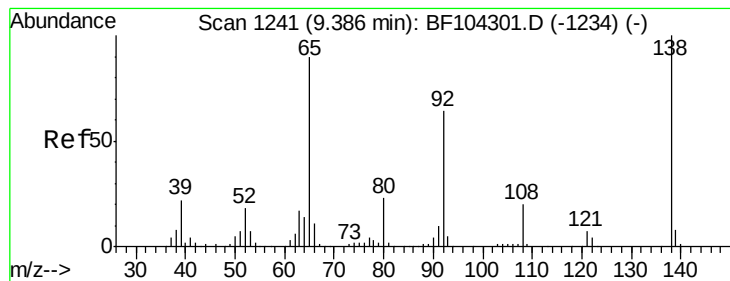


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.187 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

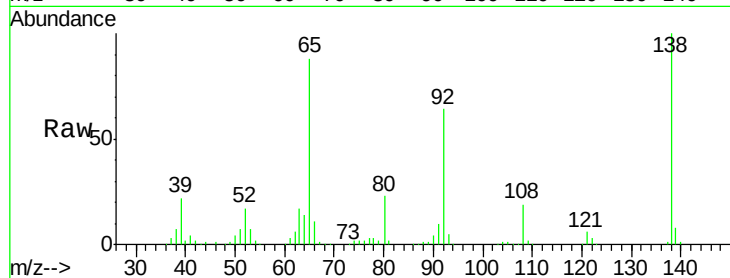
Tot Ion: 65 Resp: 215413

Ion Ratio Lower Upper

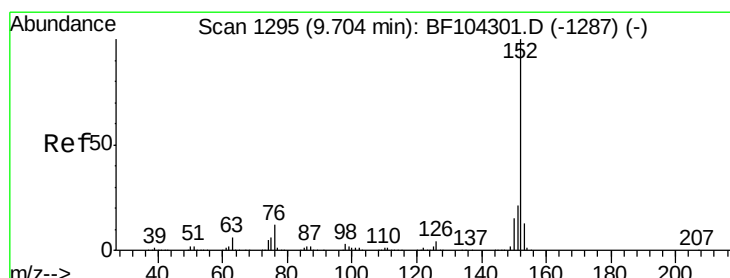
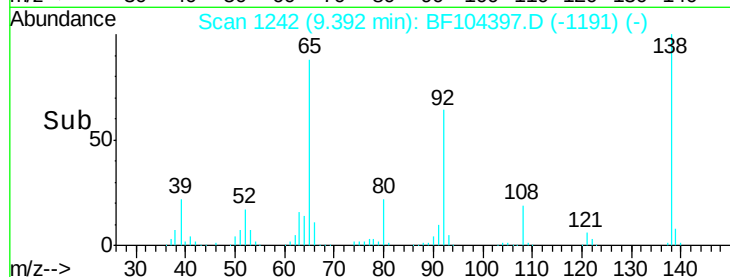
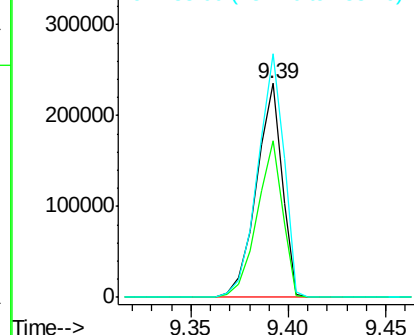
65 100

92 73.4 55.8 83.6

138 113.7 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 37.665 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

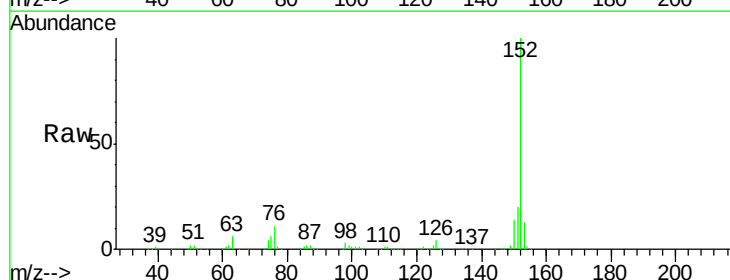
Tgt Ion: 152 Resp: 1090870

Ion Ratio Lower Upper

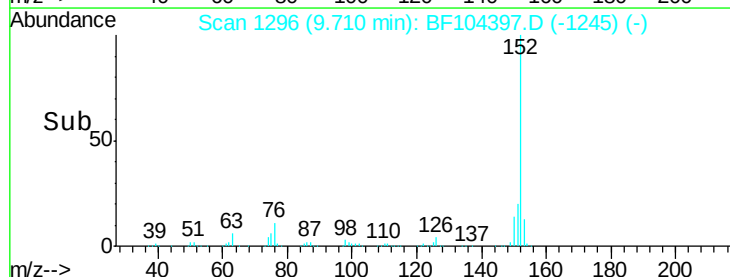
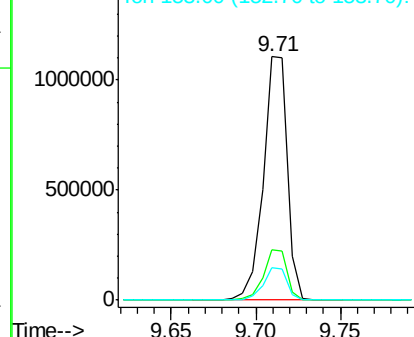
152 100

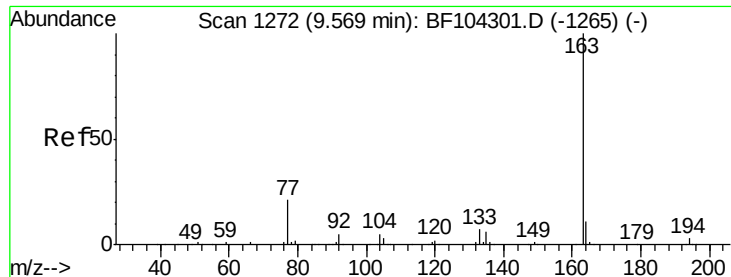
151 20.4 16.3 24.5

153 13.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

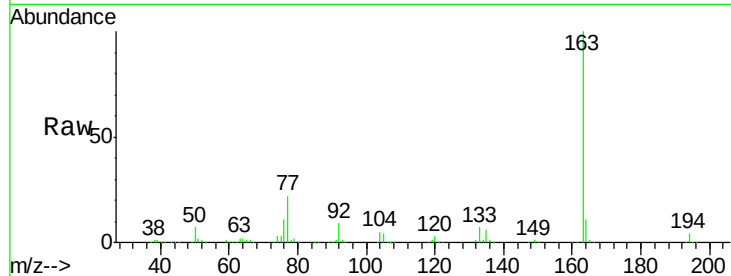




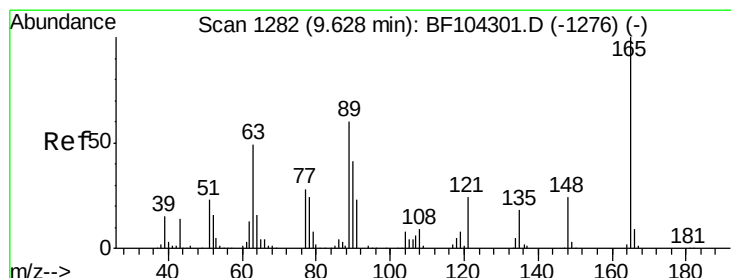
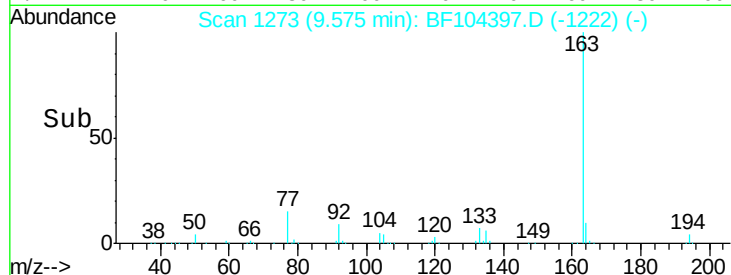
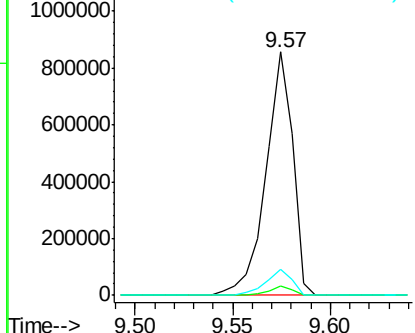
#49
Dimethylphthalate
Concen: 37.283 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 817913
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 8.2 12.2

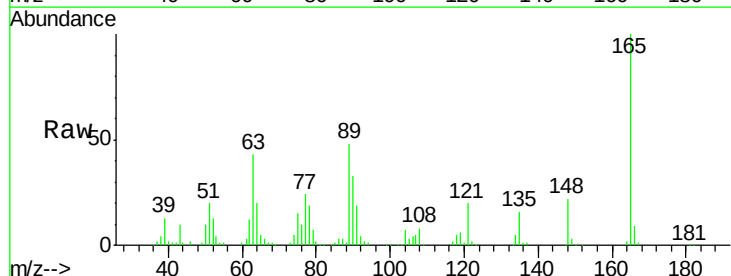


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

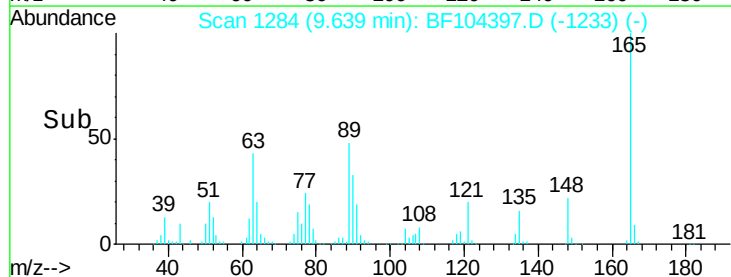
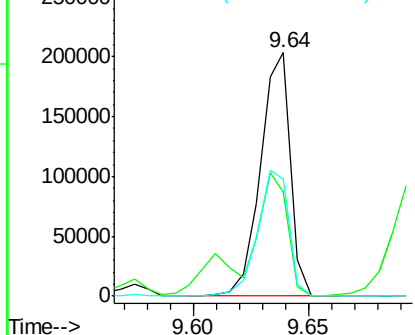


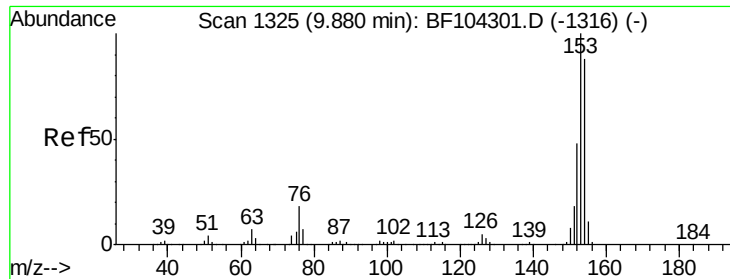
#50
2,6-Dinitrotoluene
Concen: 45.180 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Tgt Ion:165 Resp: 183401
Ion Ratio Lower Upper
165 100
63 42.8 44.7 67.1#
89 48.0 44.0 66.0



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





#51

Acenaphthene

Concen: 38.342 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

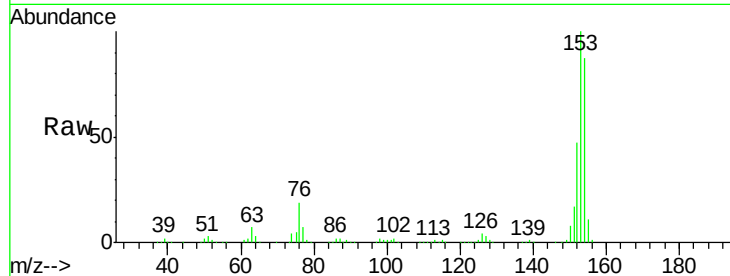
Tot Ion:154 Resp: 677551

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

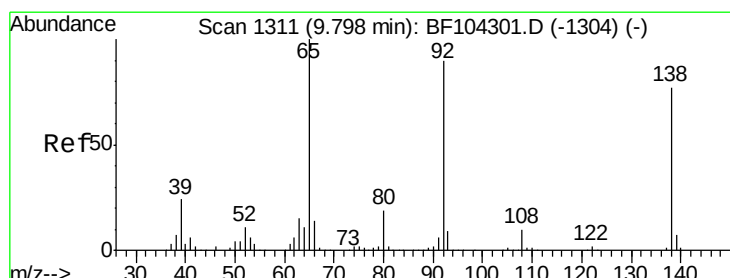
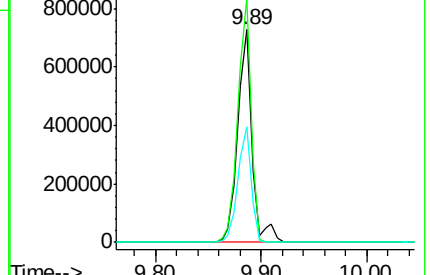
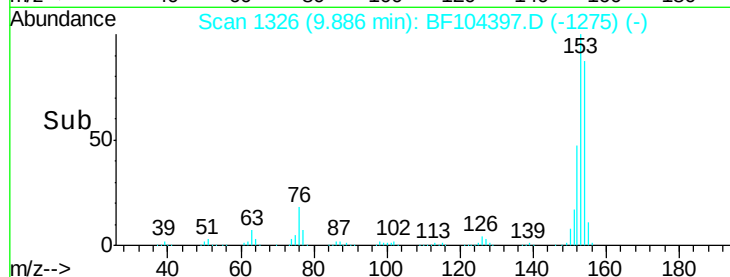
152 54.2 43.8 65.8



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: 45.370 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

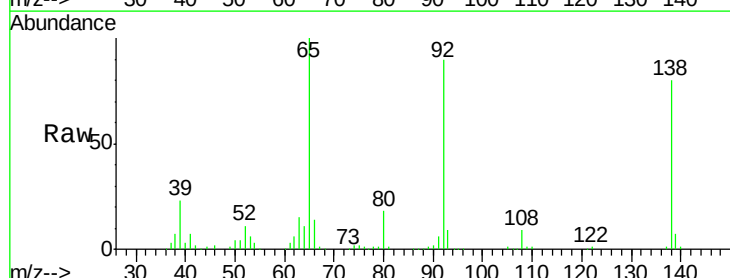
Tgt Ion:138 Resp: 215612

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

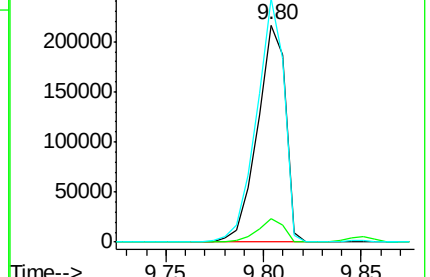
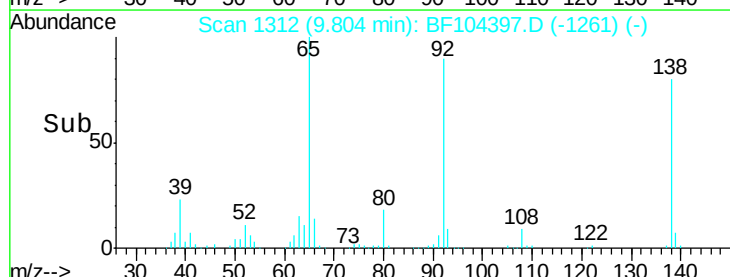
92 112.2 89.4 134.2

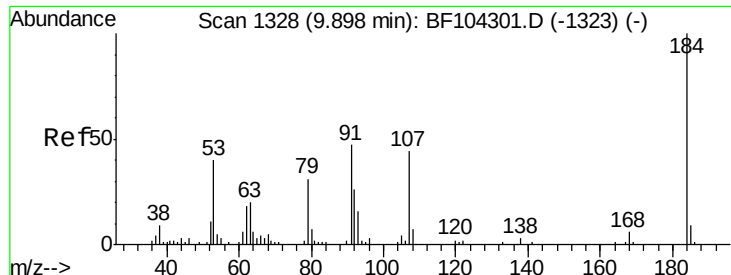


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

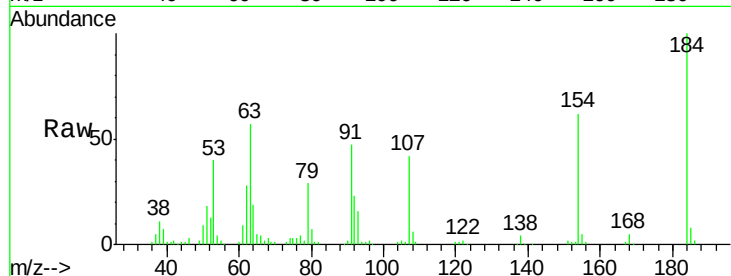




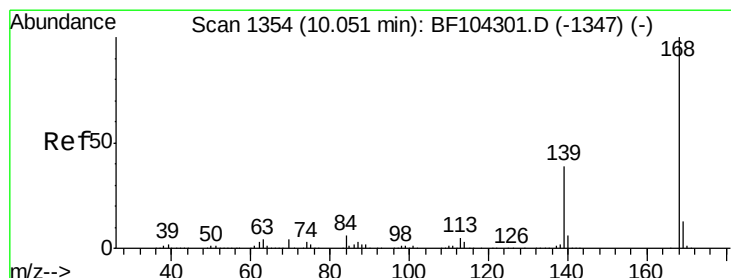
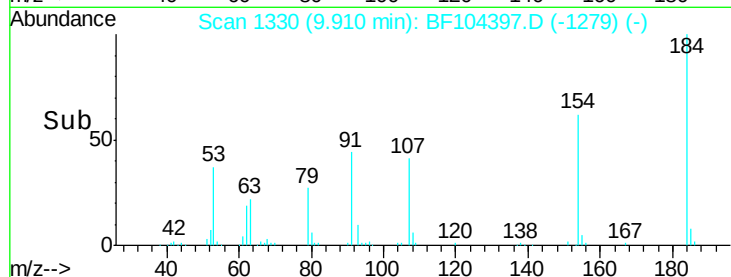
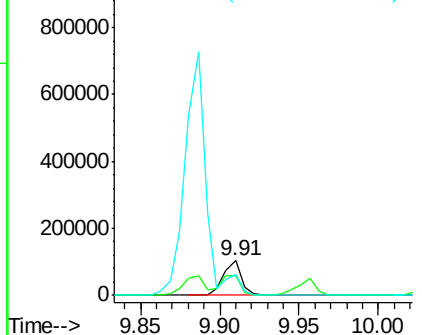
#53
 2,4-Dinitrophenol
 Concen: 56.950 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 81895
 Ion Ratio Lower Upper
 184 100
 63 57.3 54.2 81.2
 154 62.5 184.0 276.0#

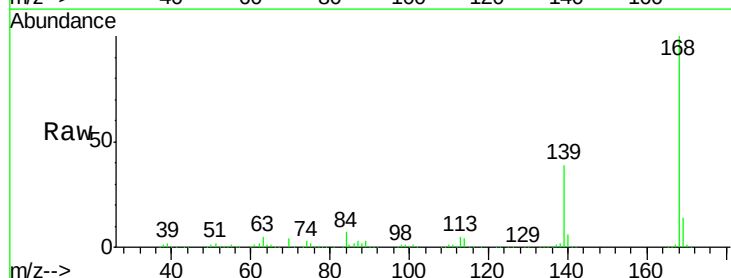


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

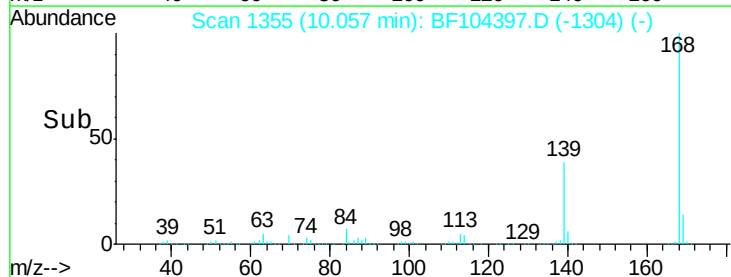
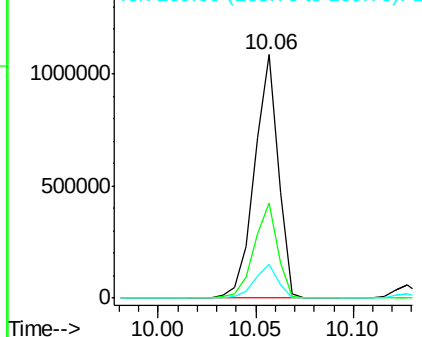


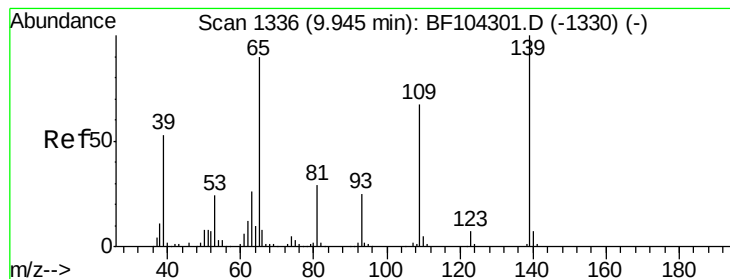
#54
 Dibenzofuran
 Concen: 36.991 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Tgt Ion:168 Resp: 910954
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.1 45.1
 169 13.6 10.9 16.3



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





#55

4-Nitrophenol

Concen: 43.473 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

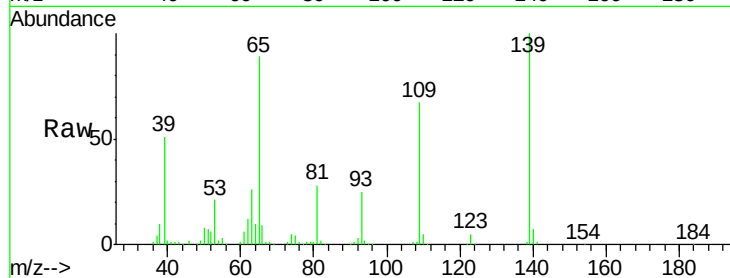
Tot Ion:139 Resp: 162287

Ion Ratio Lower Upper

139 100

109 66.8 48.4 88.4

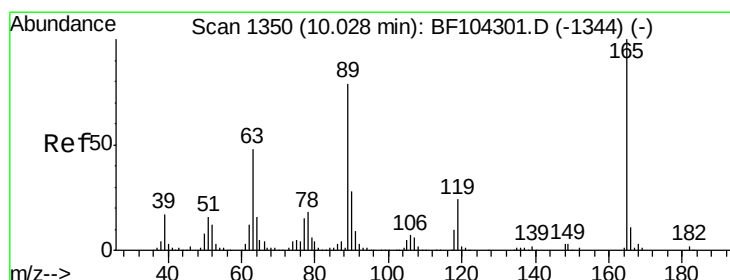
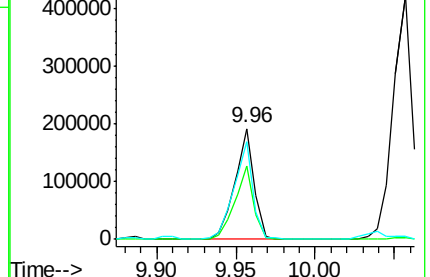
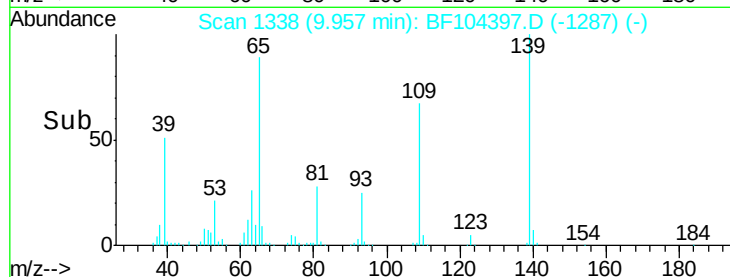
65 88.8 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 45.296 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Tgt Ion:165 Resp: 241191

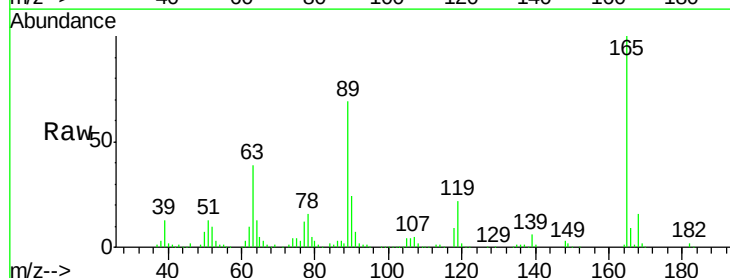
Ion Ratio Lower Upper

165 100

63 39.3 36.4 54.6

89 68.6 57.8 86.6

182 2.2 1.6 2.4

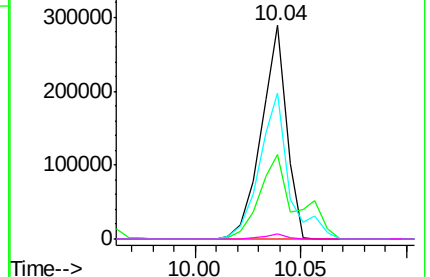
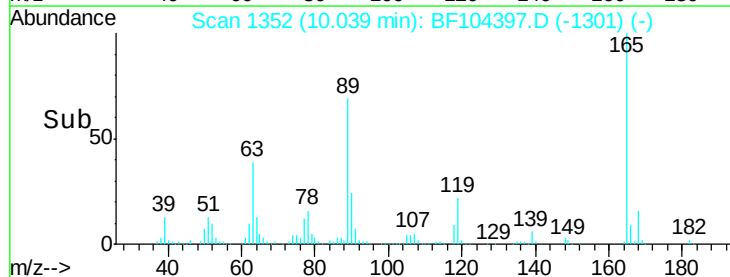


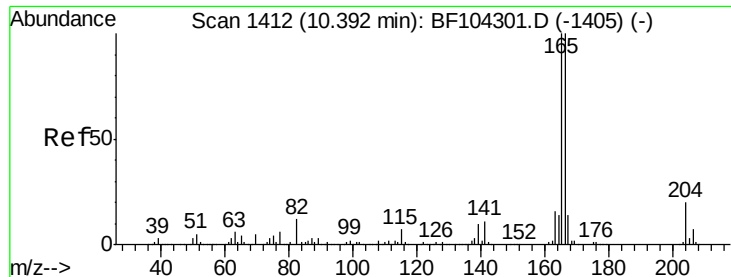
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.522 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

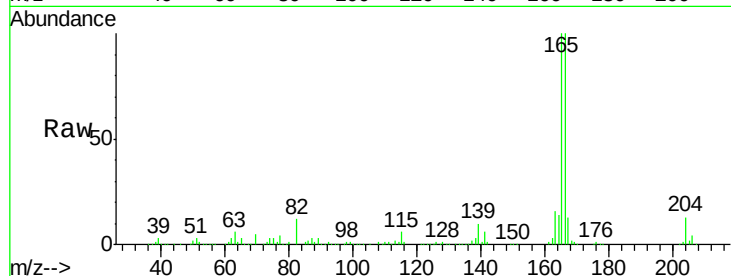
Tot Ion:166 Resp: 690502

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

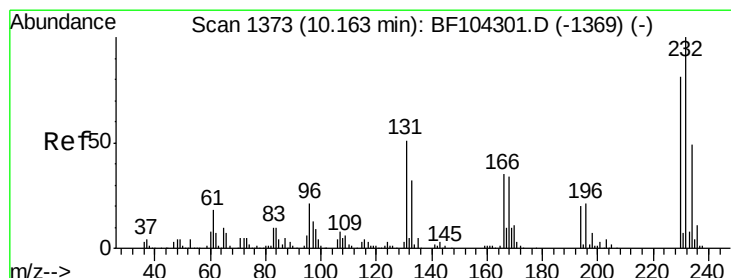
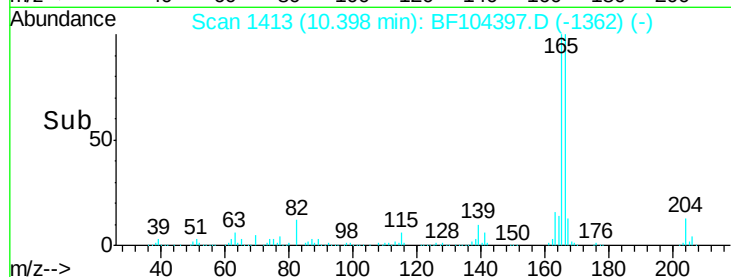
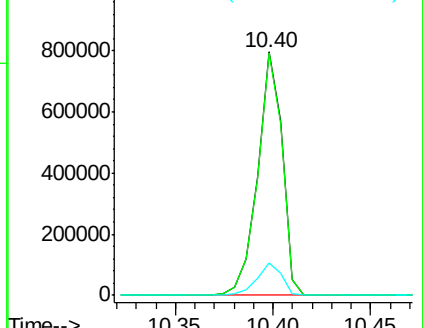
167 13.3 10.6 16.0



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: 38.475 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Tgt Ion:232 Resp: 177571

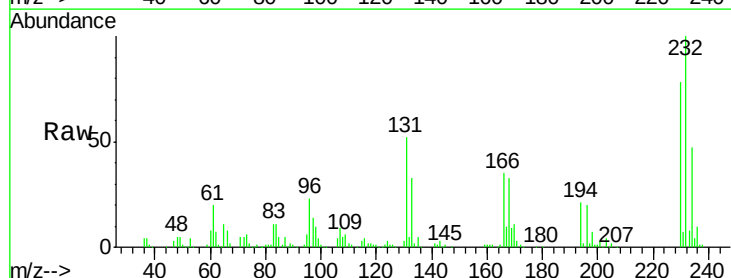
Ion Ratio Lower Upper

232 100

131 50.3 43.8 65.8

130 2.4 2.1 3.1

166 33.5 27.8 41.6

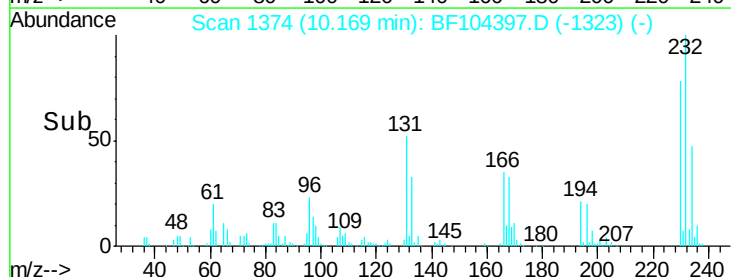
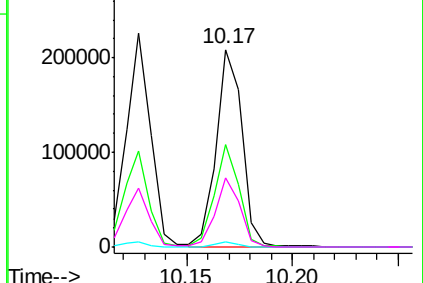


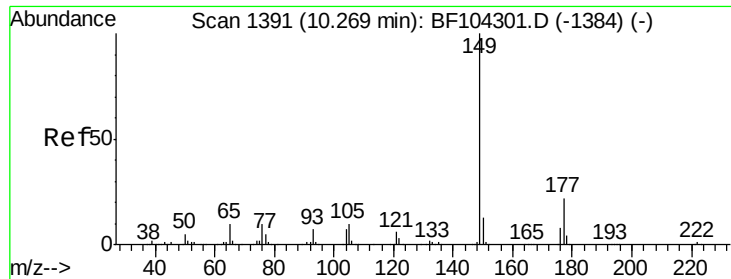
Abundance Ion 232.00 (231.70 to 232.70): E

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

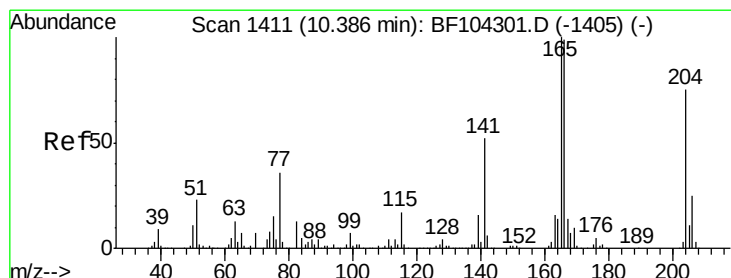
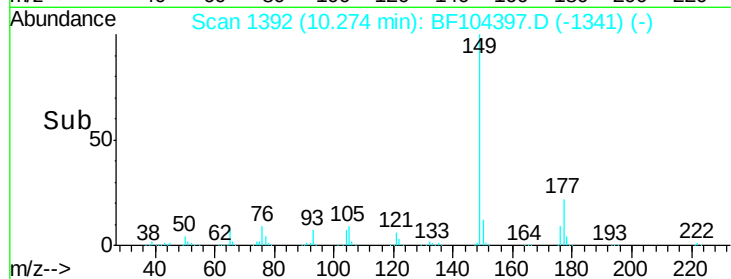
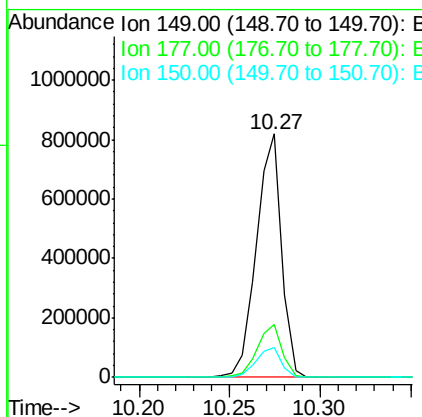
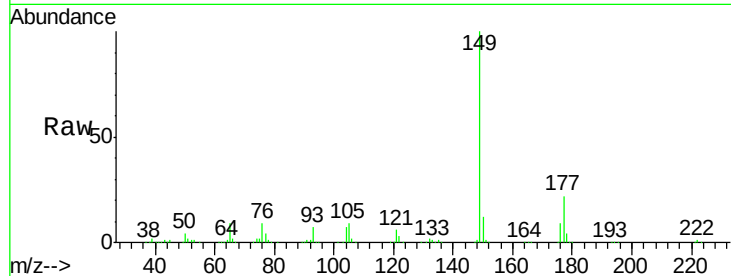




#59
Diethylphthalate
Concen: 36.089 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

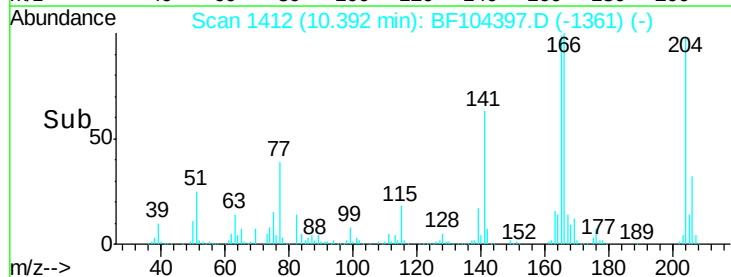
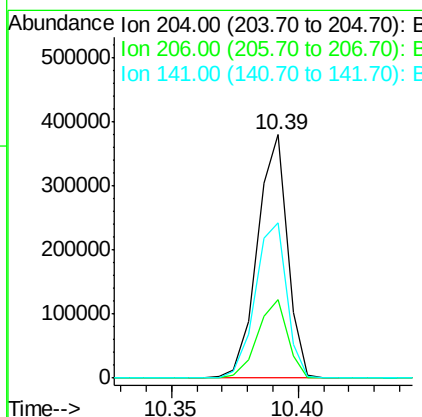
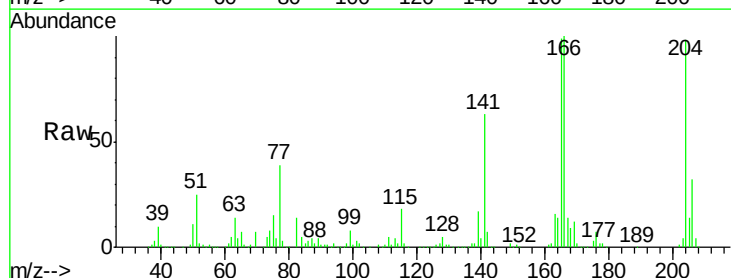
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

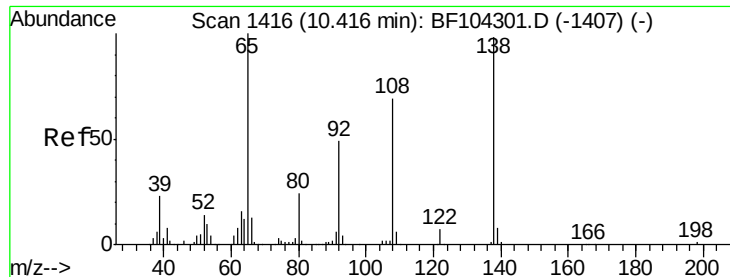
Tot Ion:149 Resp: 788498
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.407 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Tgt Ion:204 Resp: 314584
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 63.6 54.6 81.8

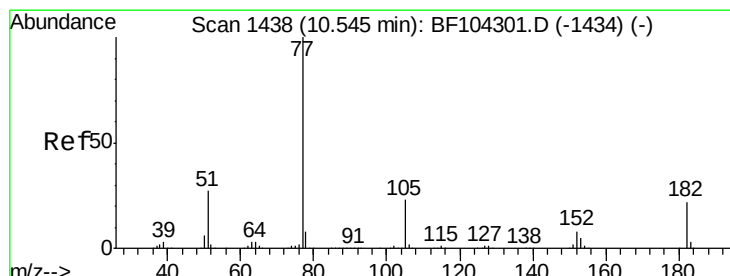
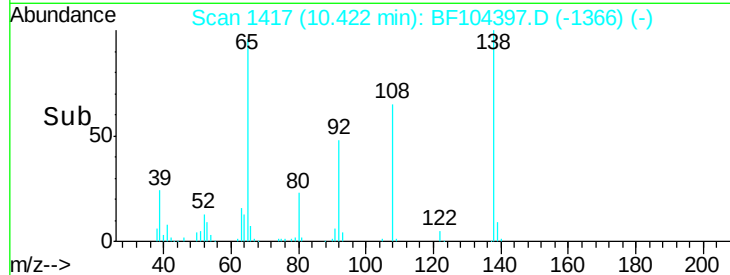
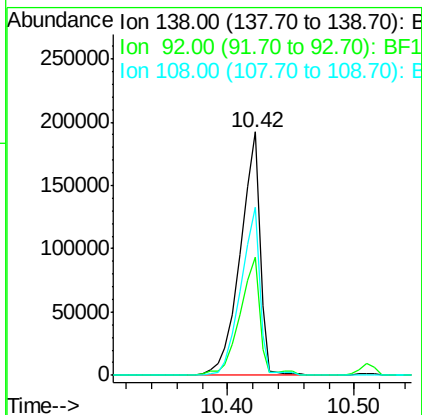
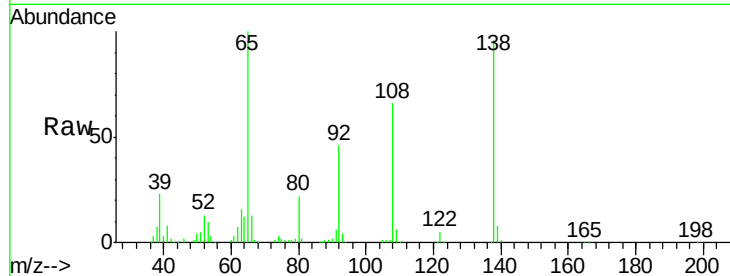




#61
4-Nitroaniline
Concen: 44.582 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

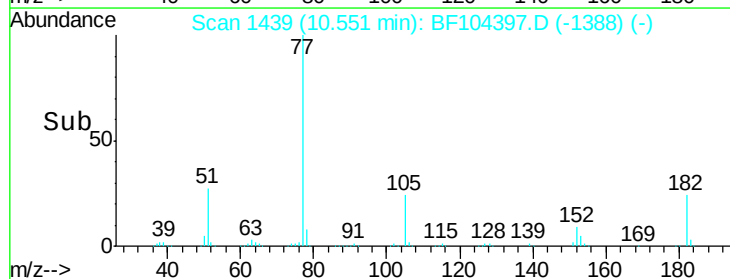
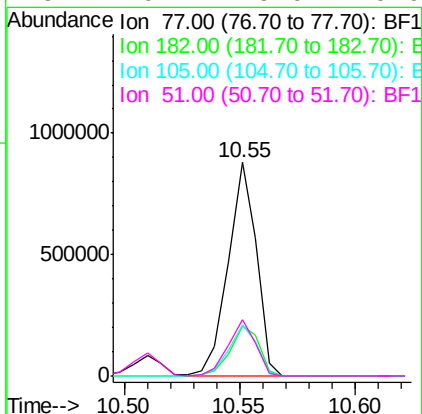
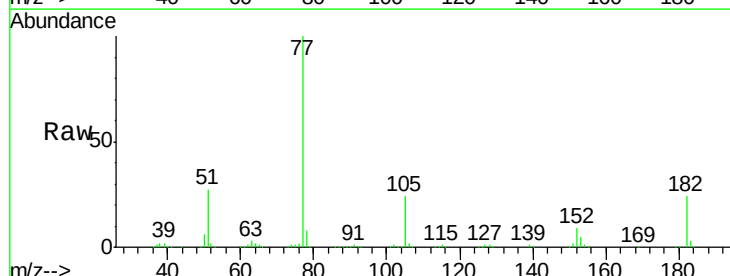
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

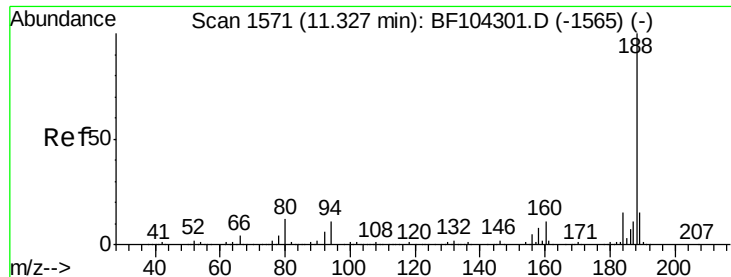
Tot Ion:138 Resp: 207159
Ion Ratio Lower Upper
138 100
92 48.4 30.2 70.2
108 68.9 52.5 92.5



#62
Azobenzene
Concen: 35.708 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Tgt Ion: 77 Resp: 745368
Ion Ratio Lower Upper
77 100
182 23.5 1.7 41.7
105 24.0 3.0 43.0
51 26.7 9.9 49.9

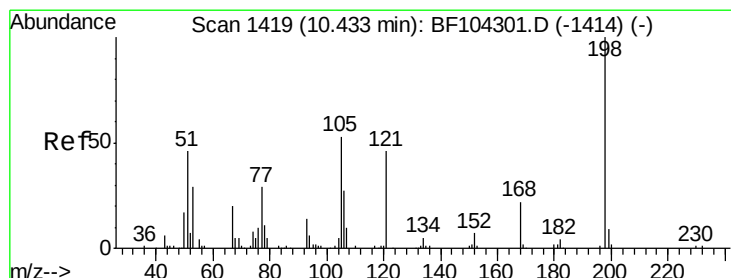
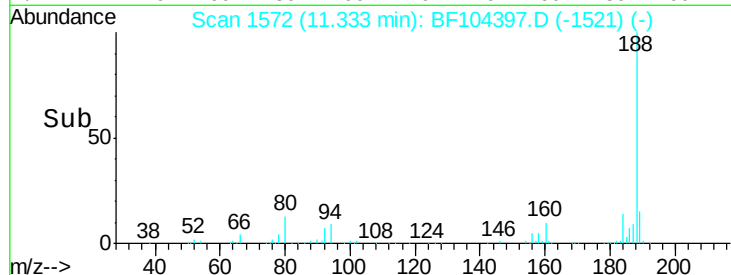
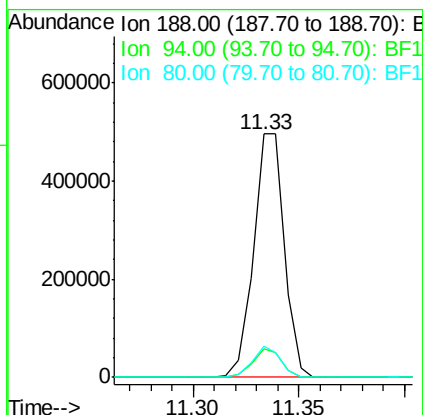
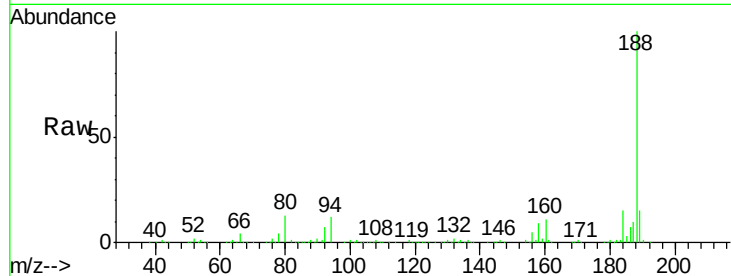




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

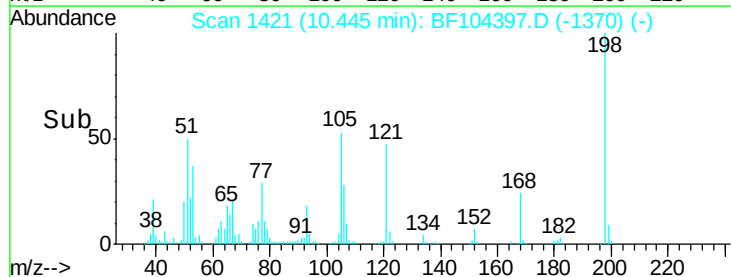
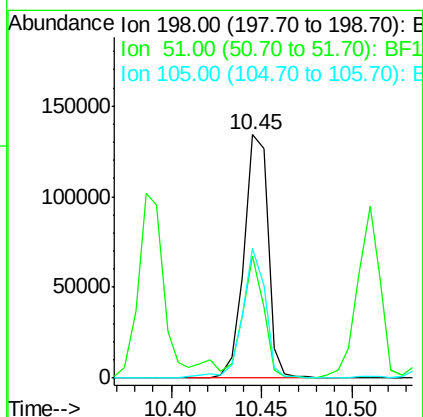
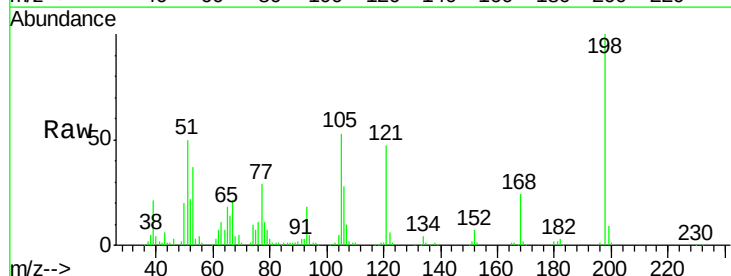
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

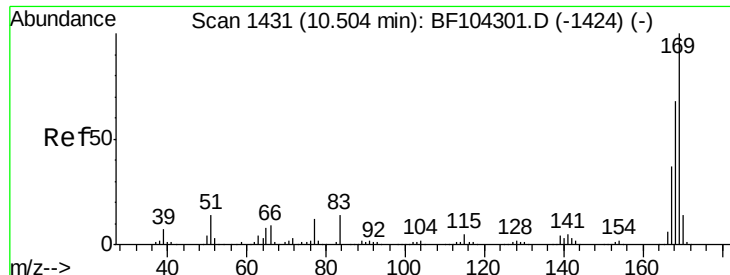
Tot Ion:188 Resp: 501411
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 12.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 50.336 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Tgt Ion:198 Resp: 123949
Ion Ratio Lower Upper
198 100
51 50.4 37.7 77.7
105 53.4 36.3 76.3

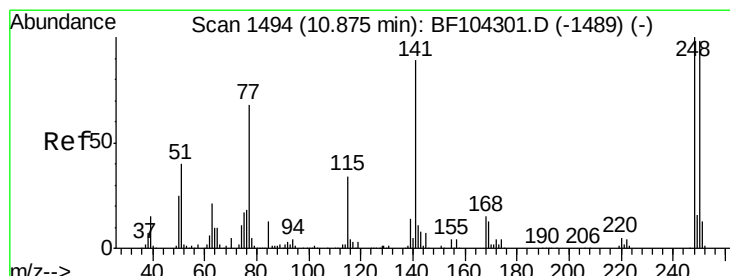
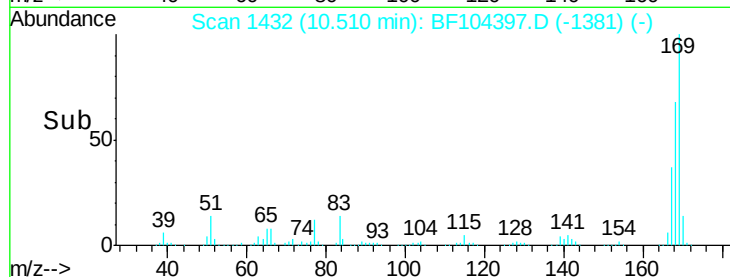
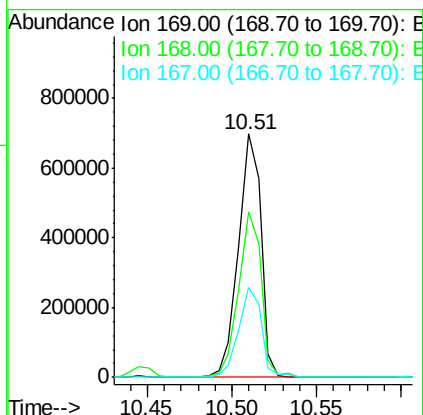
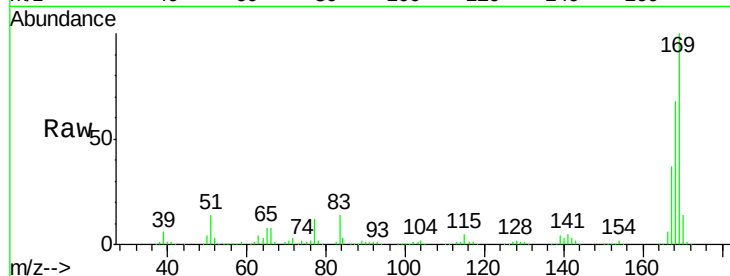




#65
 n-Nitrosodiphenylamine
 Concen: 37.330 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

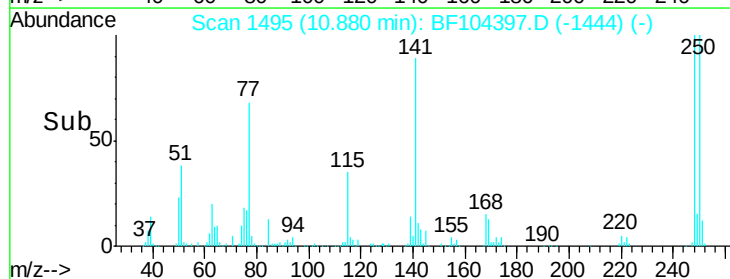
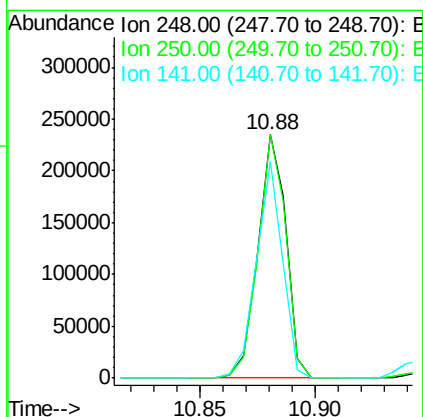
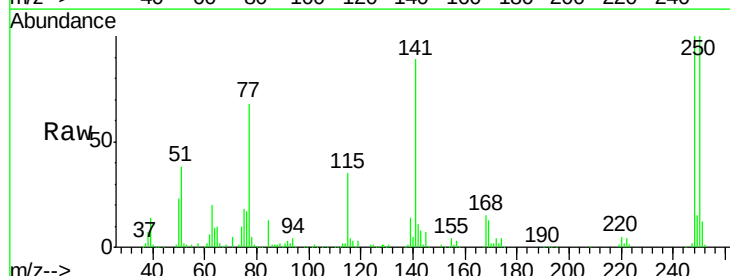
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

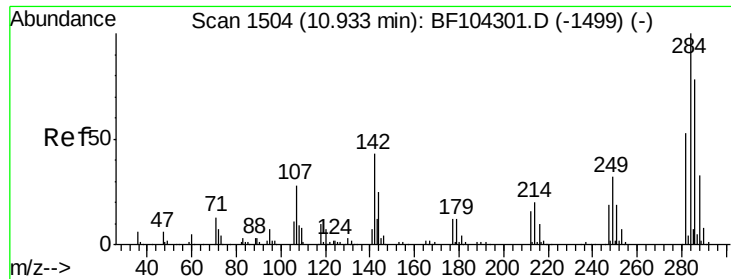
Tot Ion:169 Resp: 648987
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.4 81.6
 167 37.0 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.418 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Tgt Ion:248 Resp: 199568
 Ion Ratio Lower Upper
 248 100
 250 99.8 76.9 115.3
 141 88.8 74.4 111.6





#67

Hexachlorobenzene

Concen: 38.150 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

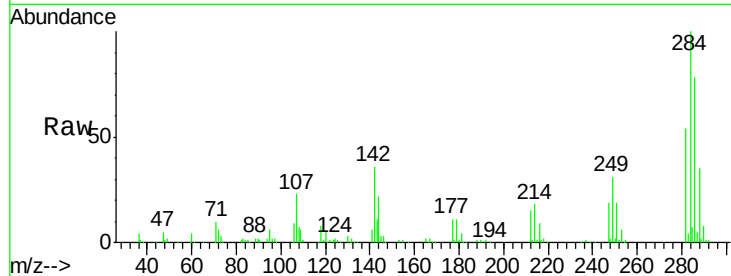
Tot Ion:284 Resp: 228948

Ion Ratio Lower Upper

284 100

142 35.9 34.6 52.0

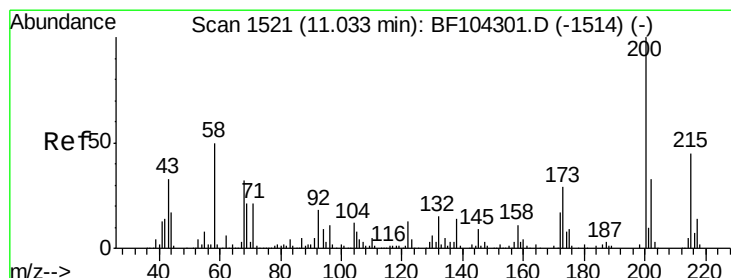
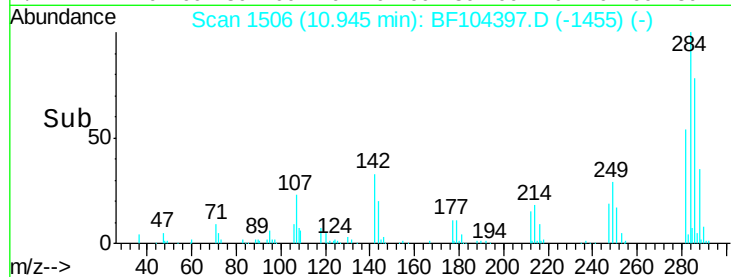
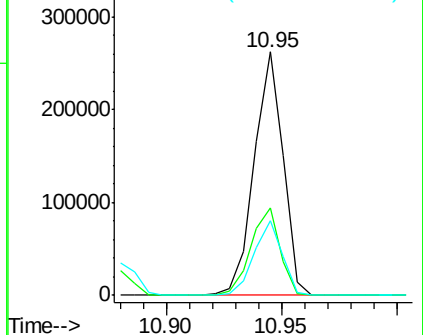
249 30.6 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.904 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

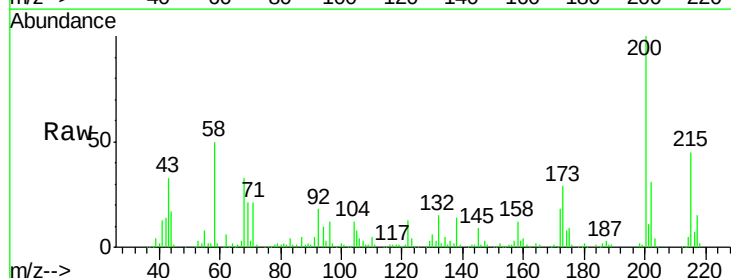
Tgt Ion:200 Resp: 193657

Ion Ratio Lower Upper

200 100

173 29.1 8.6 48.6

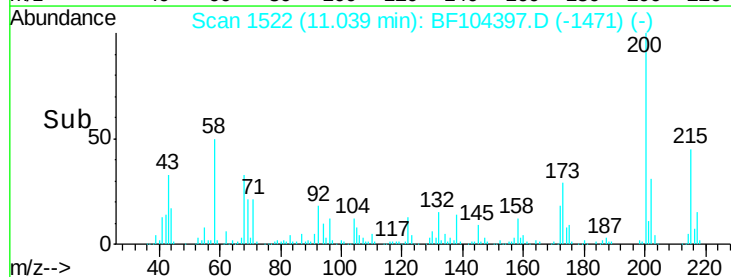
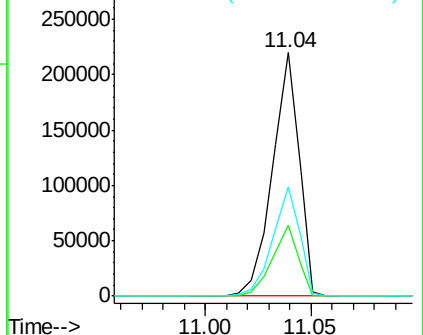
215 45.1 25.1 65.1

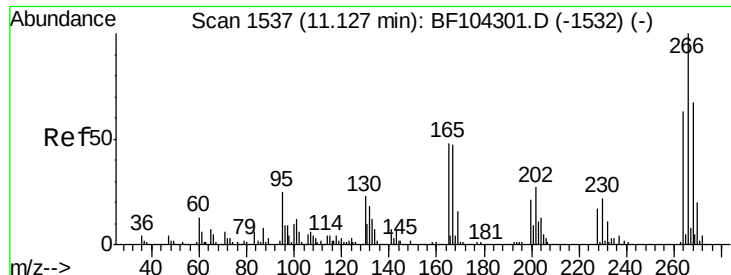


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

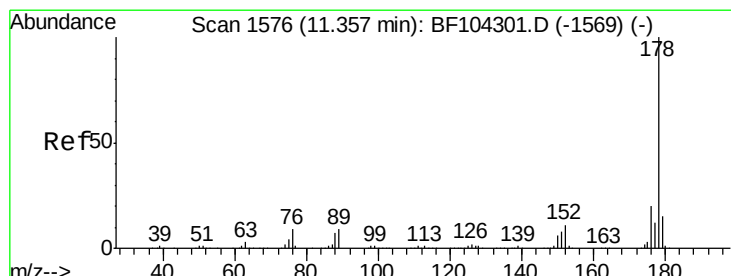
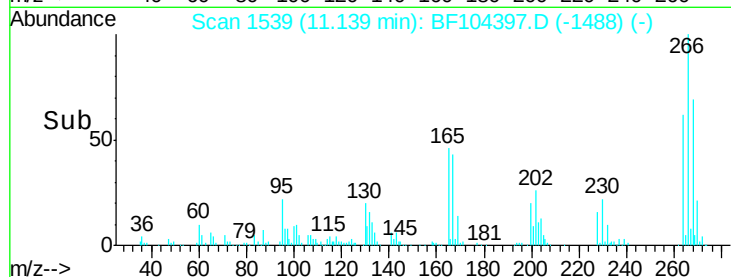
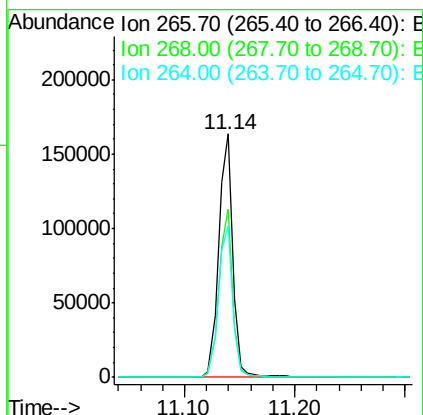
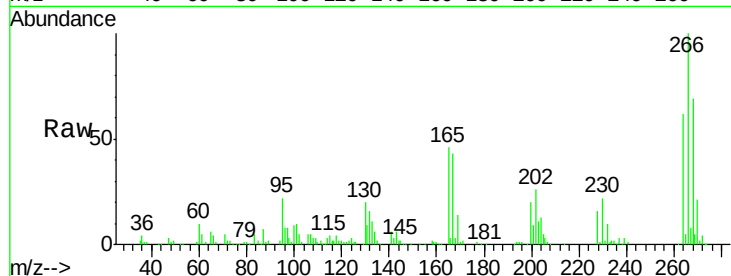




#69
 Pentachlorophenol
 Concen: 39.312 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

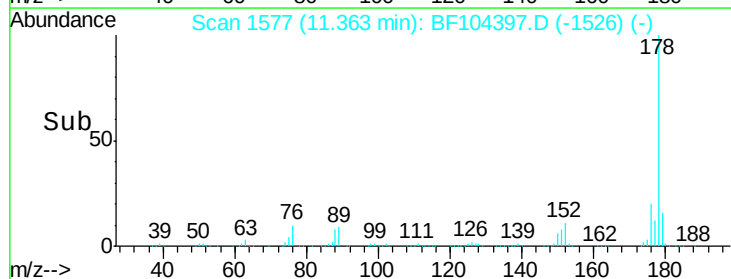
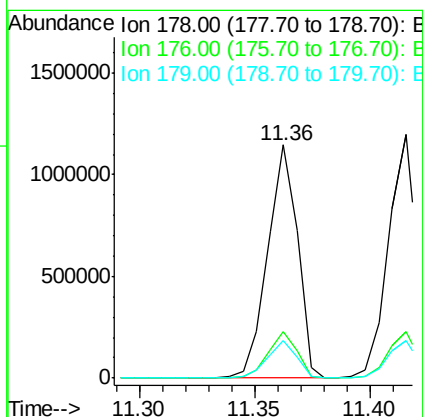
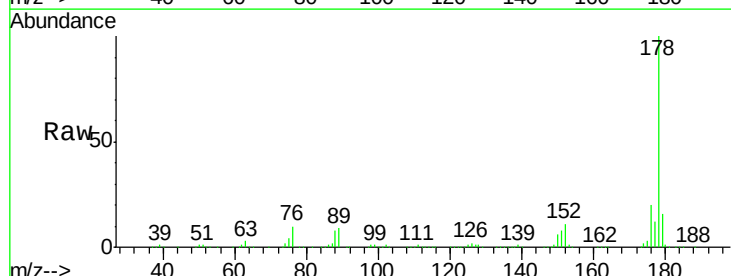
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

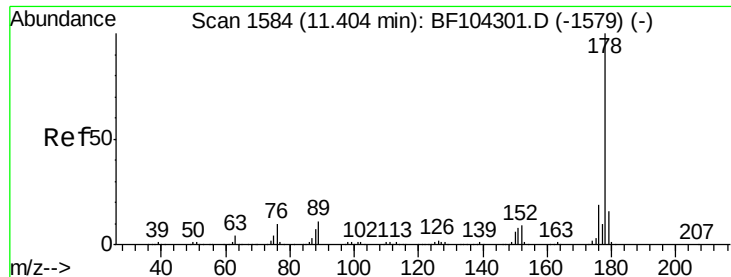
Tot Ion:266 Resp: 145951
 Ion Ratio Lower Upper
 266 100
 268 69.1 51.1 76.7
 264 62.1 49.5 74.3



#70
 Phenanthrene
 Concen: 36.769 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Tgt Ion:178 Resp: 1026707
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.9 13.0 19.6

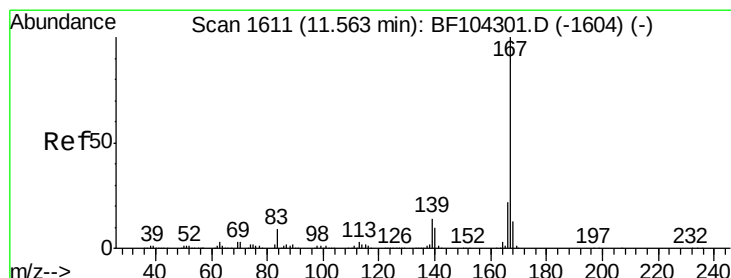
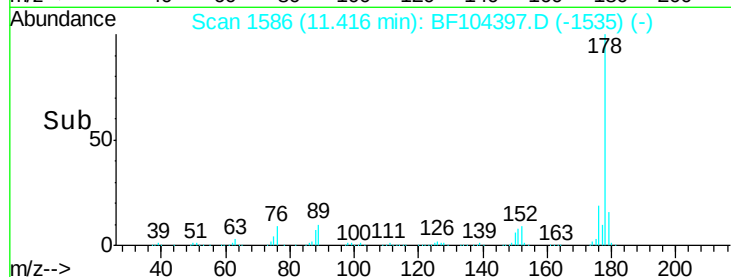
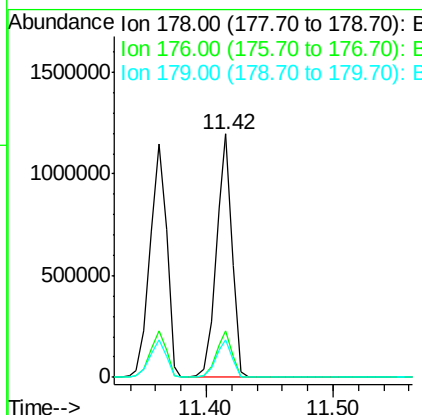
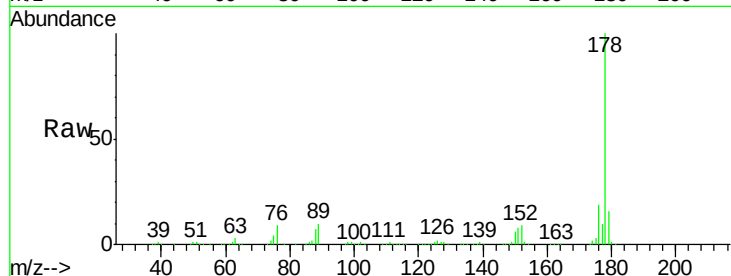




#71
 Anthracene
 Concen: 36.422 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

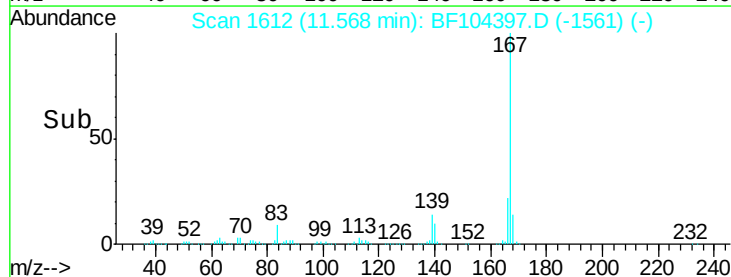
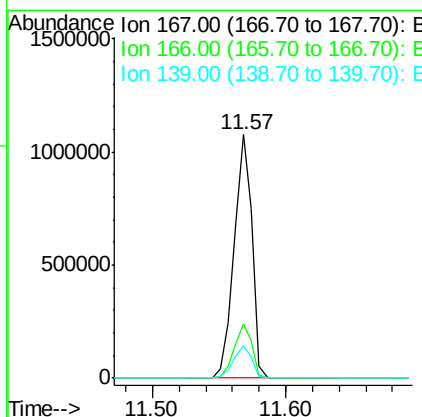
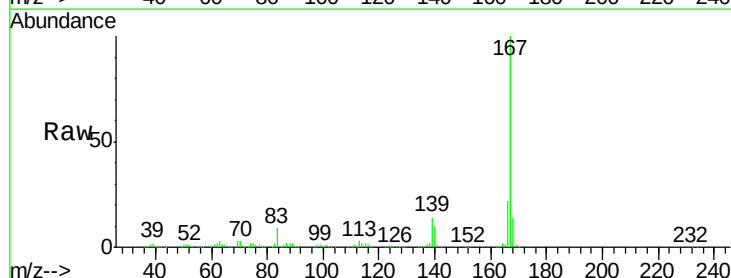
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

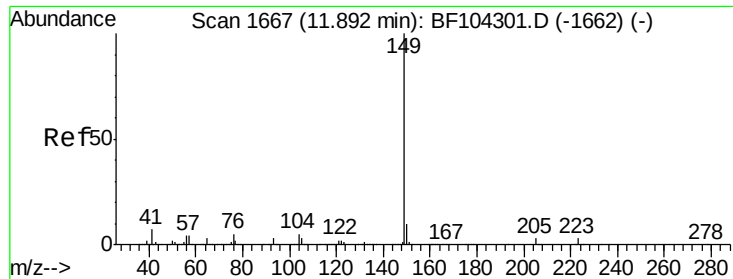
Tot Ion:178 Resp: 1033804
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 36.543 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Tgt Ion:167 Resp: 1013573
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.741 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

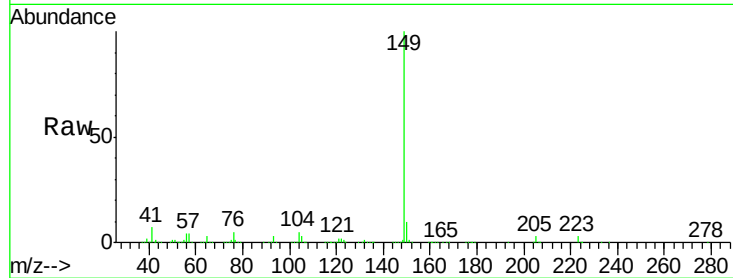
Tot Ion:149 Resp: 1210978

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

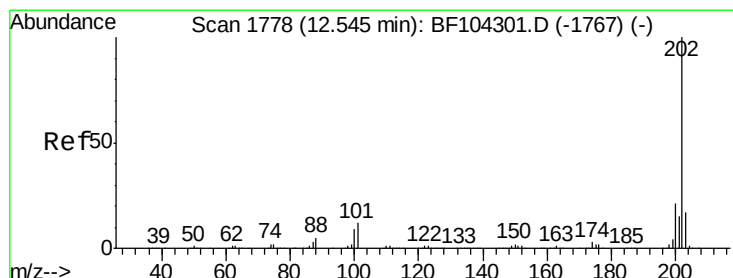
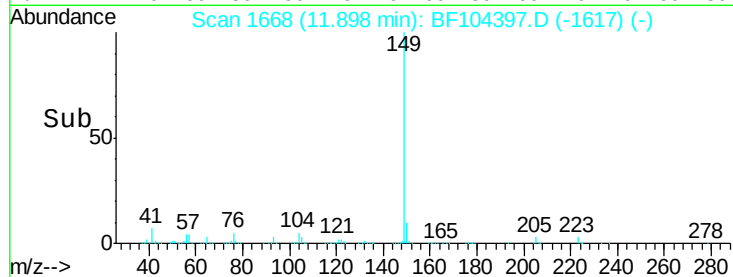
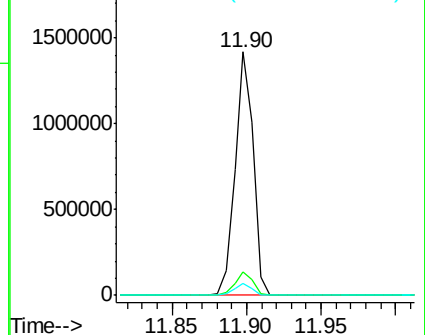
104 5.1 3.8 5.8



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: 36.276 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

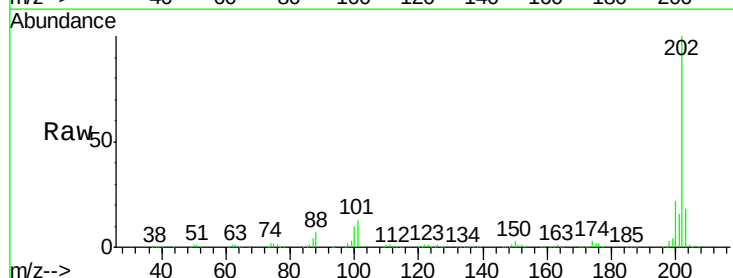
Tgt Ion:202 Resp: 1058324

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

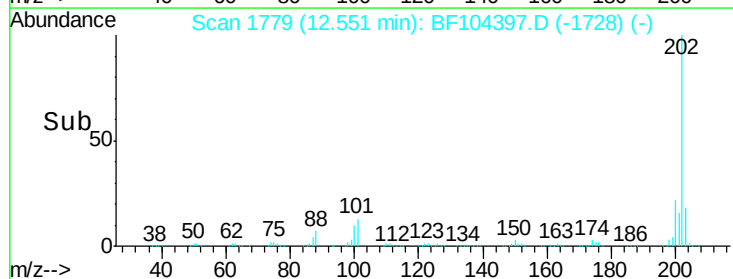
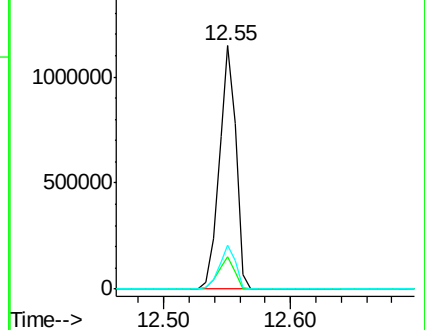
203 18.2 0.0 38.1

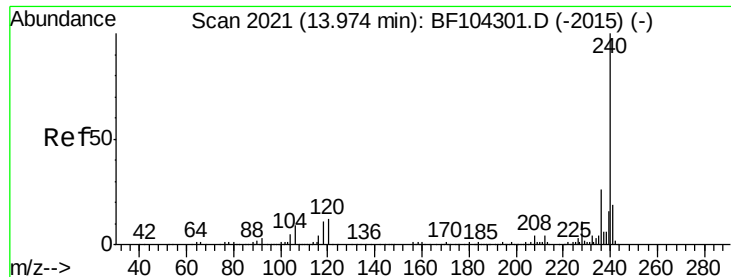


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2023

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

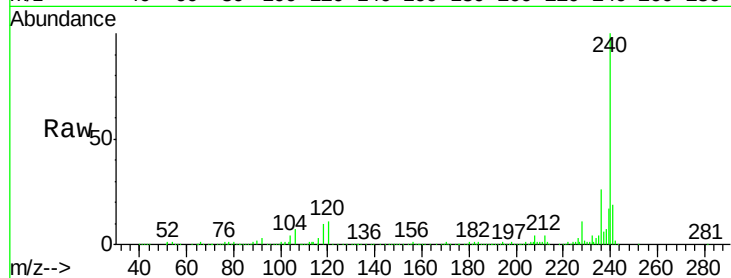
Tot Ion:240 Resp: 394193

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

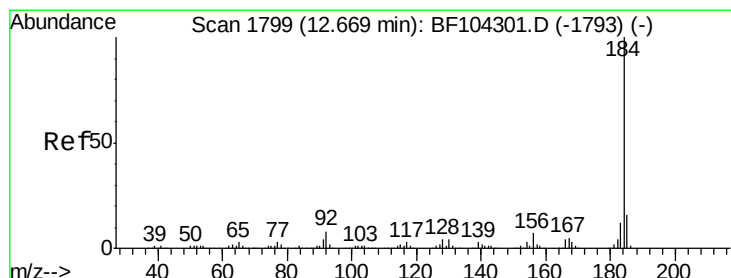
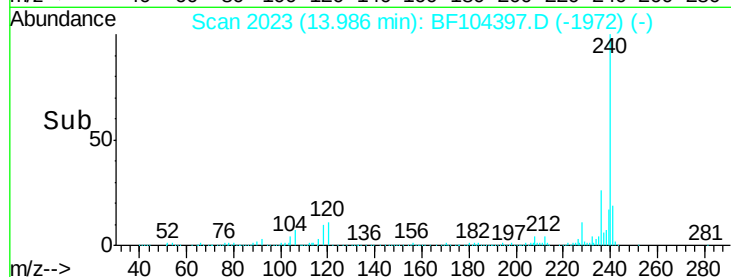
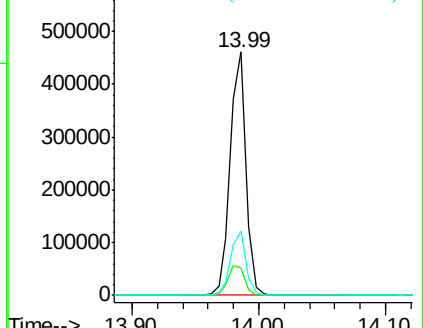
236 26.2 20.7 31.1



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: 34.908 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

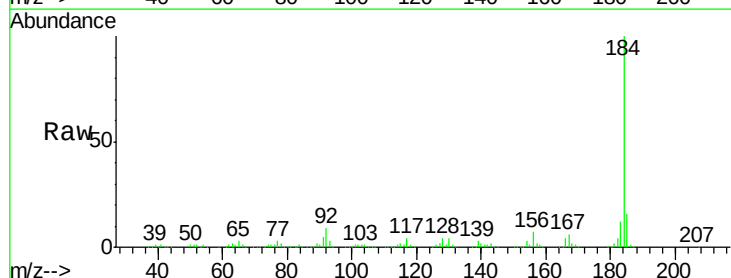
Tgt Ion:184 Resp: 484087

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

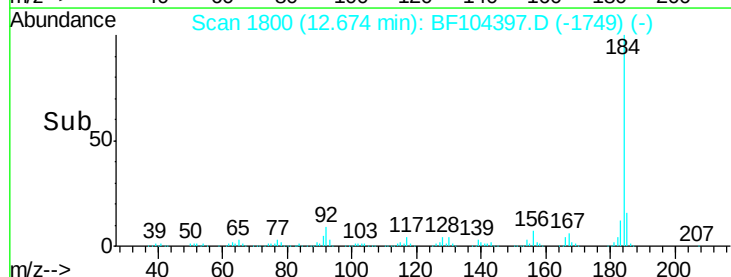
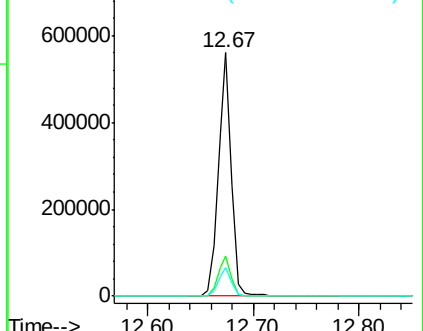
183 11.9 9.3 13.9

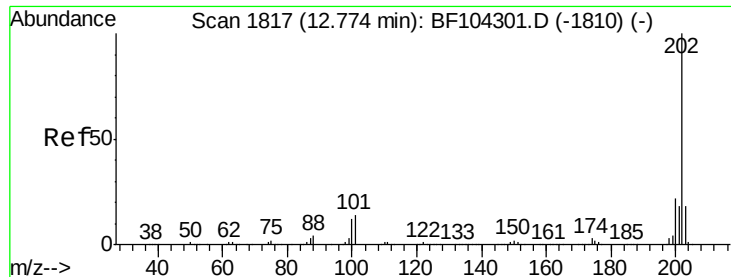


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

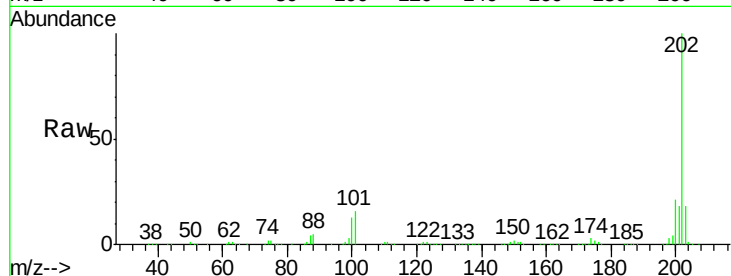




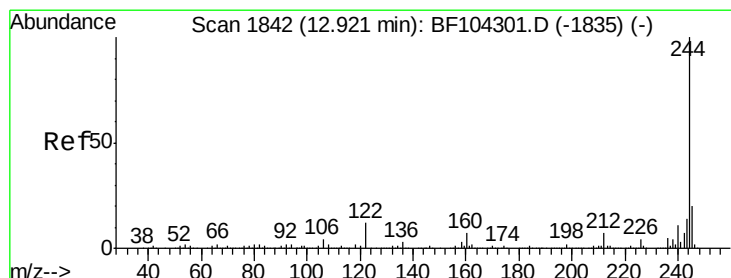
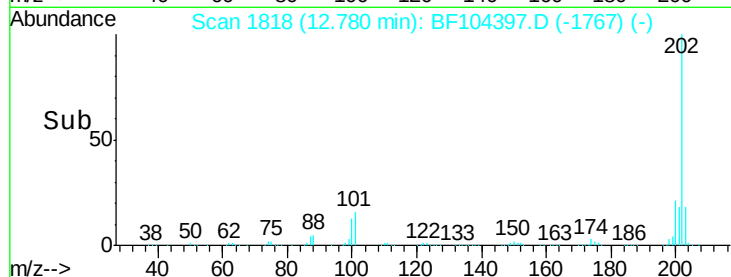
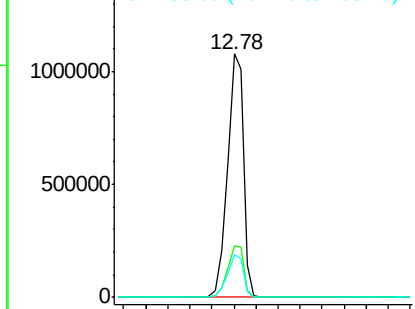
#77
Pvrene
Concen: 37.294 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1089705
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.7 14.3 21.5

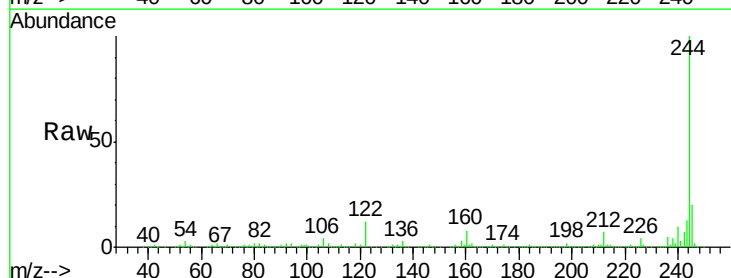


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

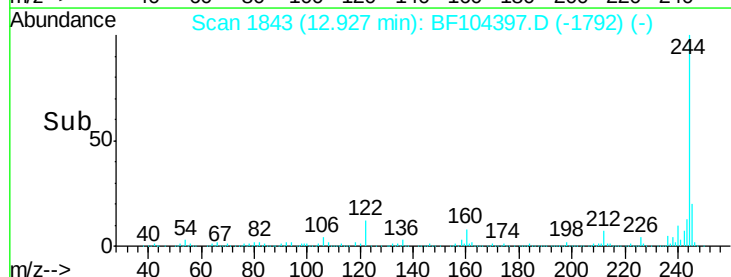
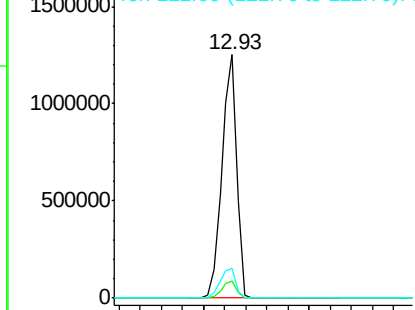


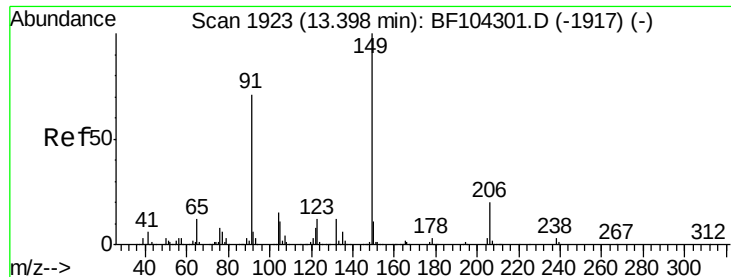
#78
Terphenyl-d14
Concen: 71.010 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Tgt Ion:244 Resp: 1227798
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 12.0 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

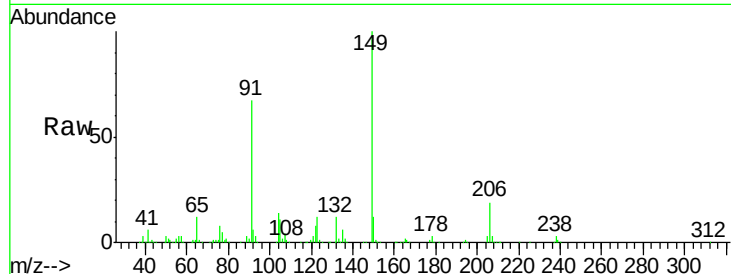




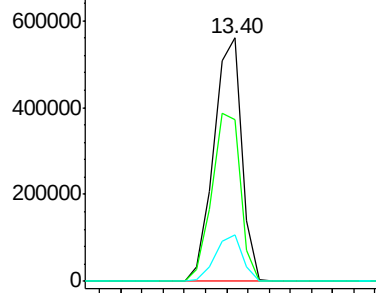
#79
Butylbenzylphthalate
Concen: 37.285 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

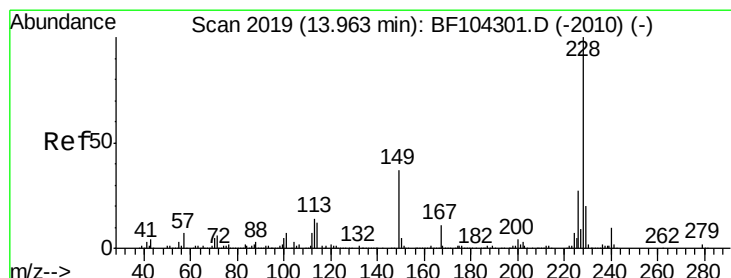
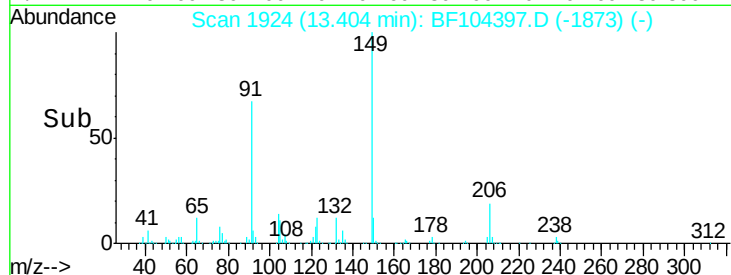
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.7	56.8	85.2
206	19.3	14.1	21.1



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

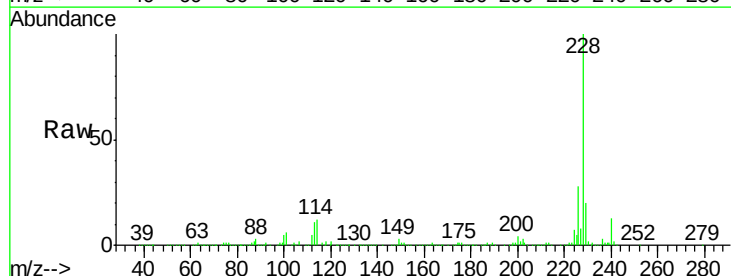


Time-->

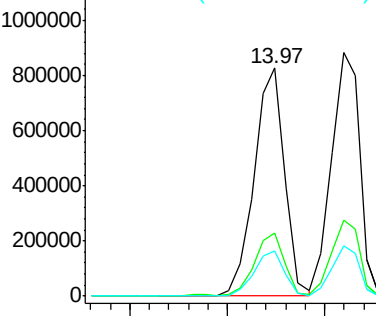


#80
Benzo(a)anthracene
Concen: 37.621 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

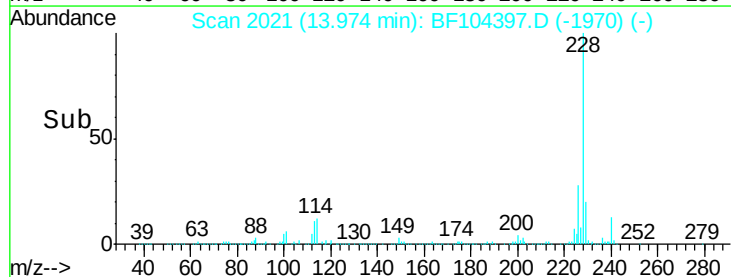
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.8	15.8	23.6

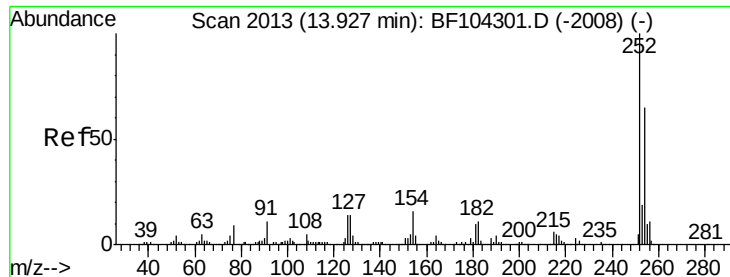


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->

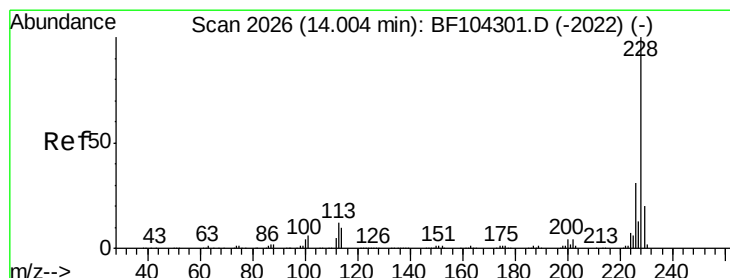
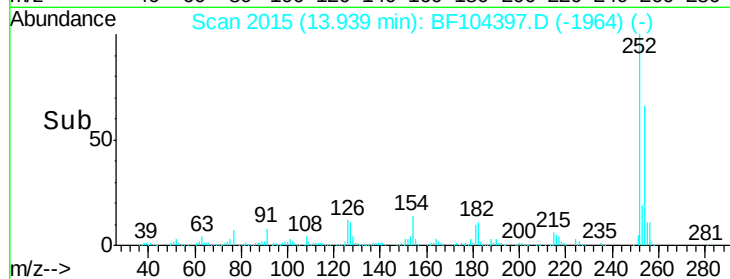
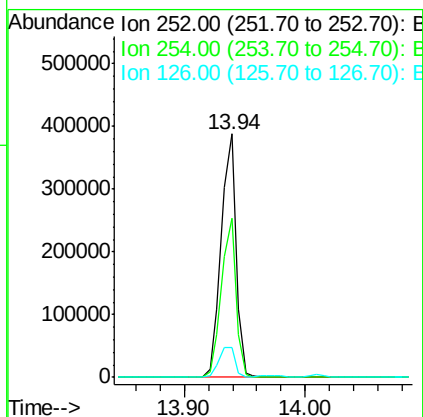
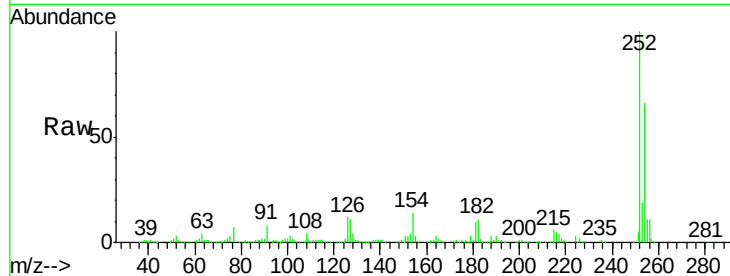




#81
 3,3'-Dichlorobenzidine
 Concen: 37.752 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

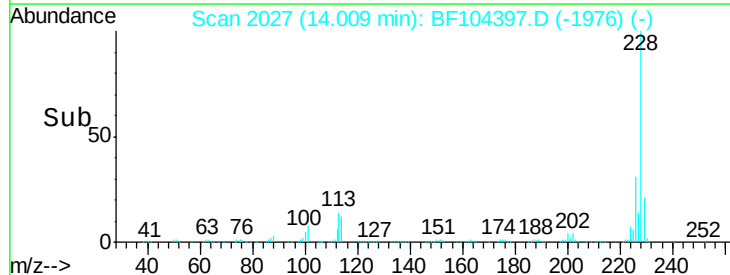
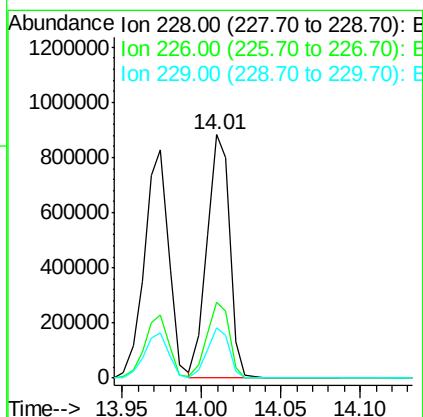
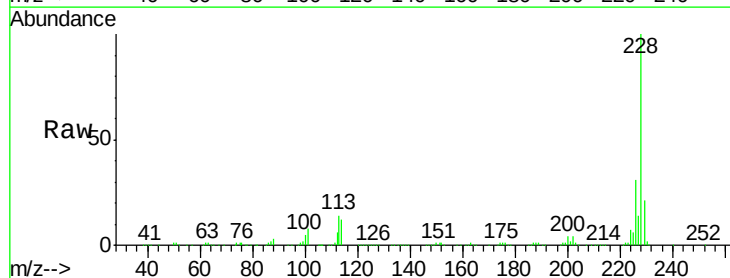
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

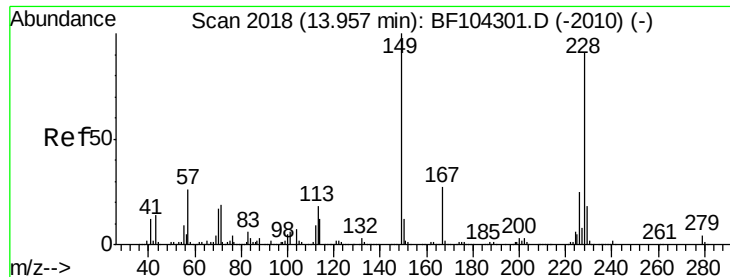
Tot Ion:252 Resp: 331485
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.4 75.6
 126 12.1 11.3 16.9



#82
 Chrysene
 Concen: 36.632 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Tgt Ion:228 Resp: 886078
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 20.5 16.2 24.4

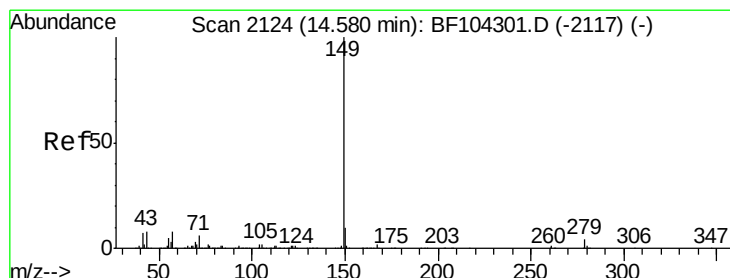
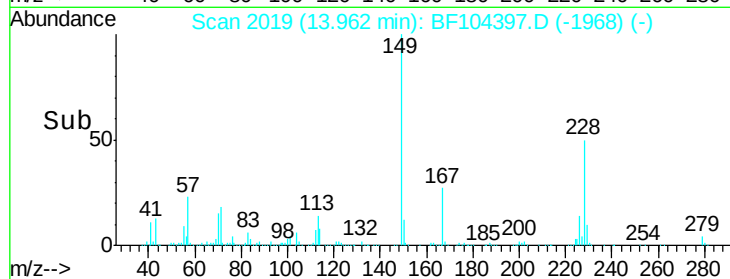
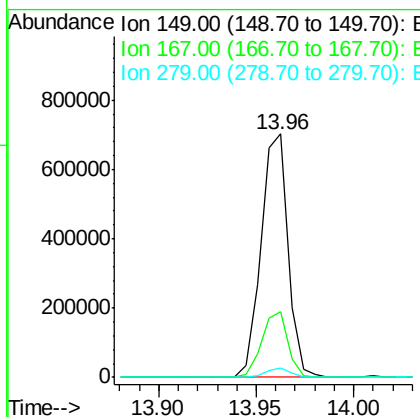
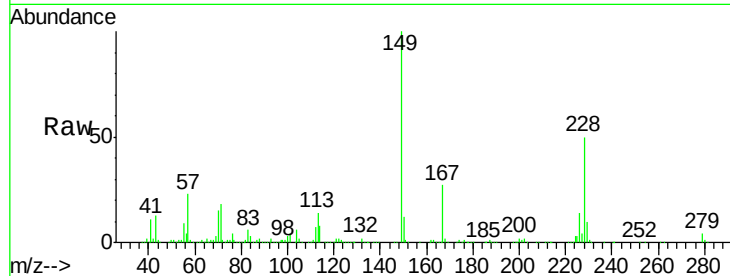




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.915 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

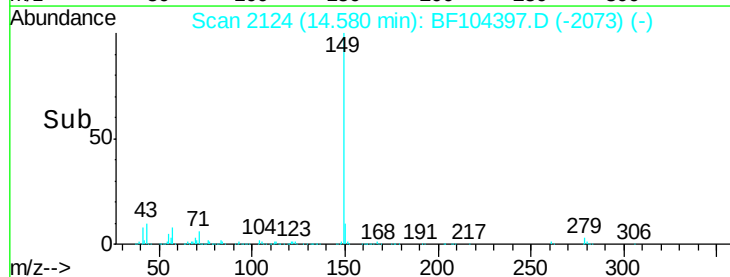
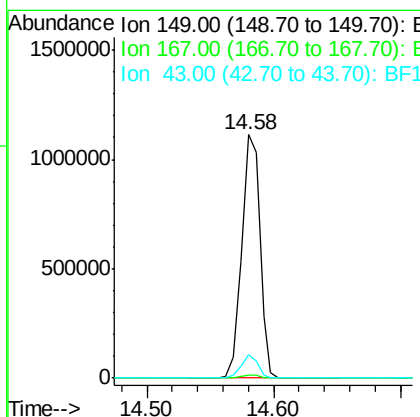
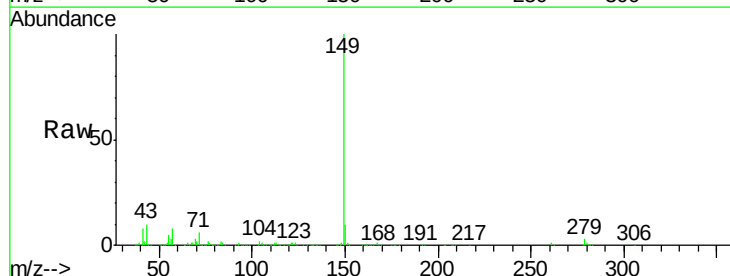
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

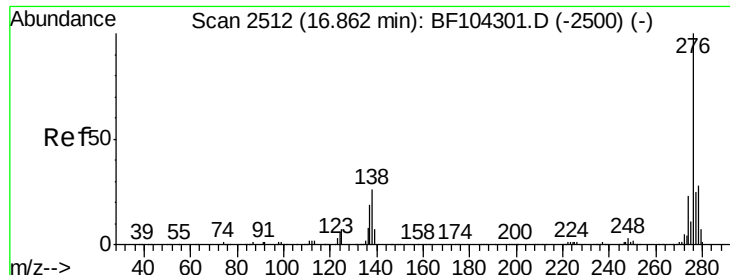
Tot Ion:149 Resp: 671310
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 36.995 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Tgt Ion:149 Resp: 1094494
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.9 8.4 12.6

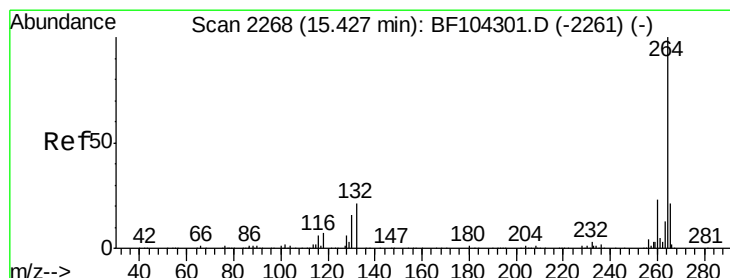
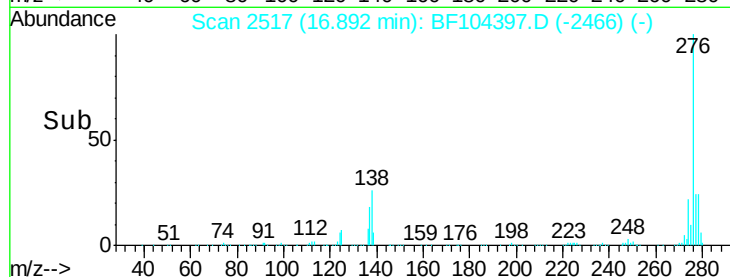
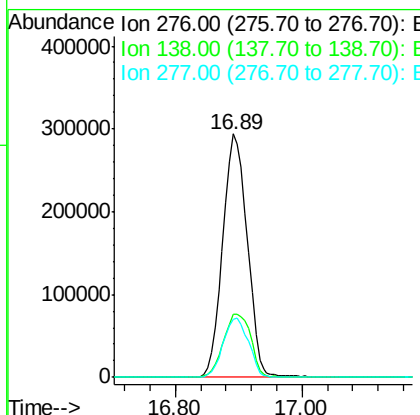
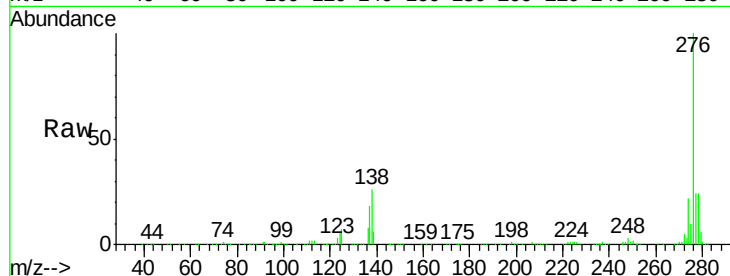




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.414 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

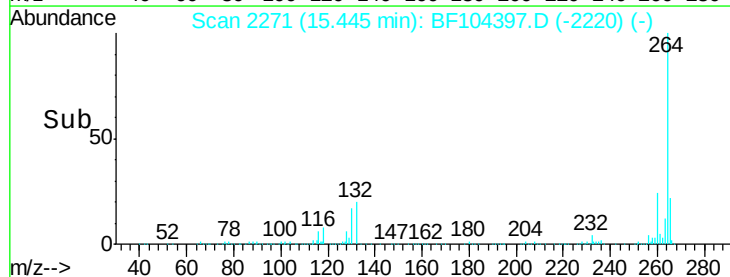
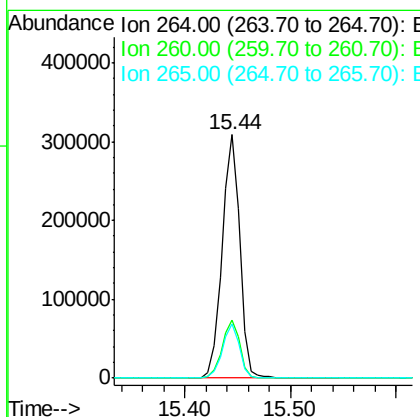
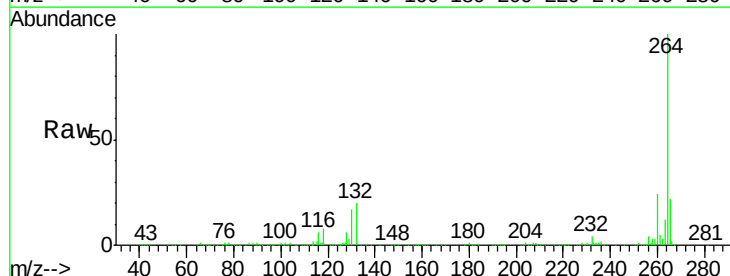
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

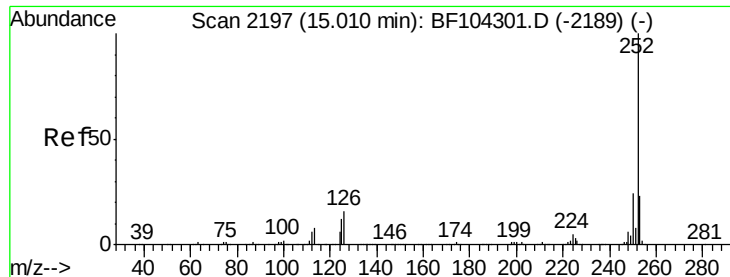
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.4	17.5	26.3

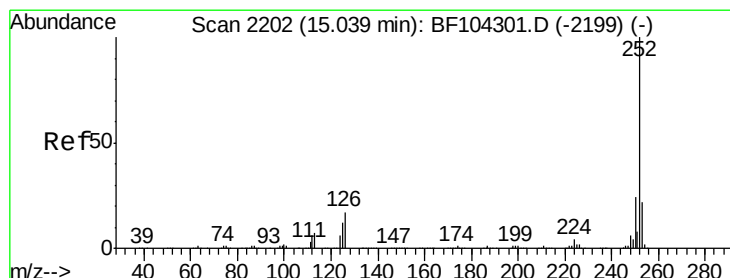
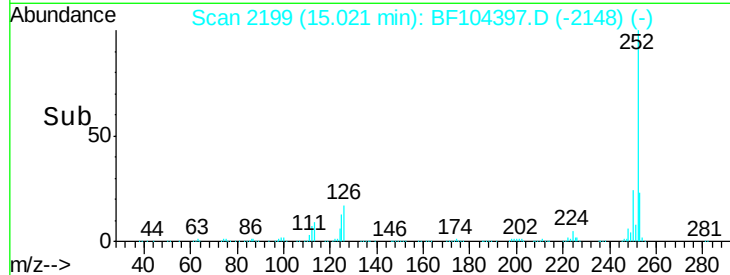
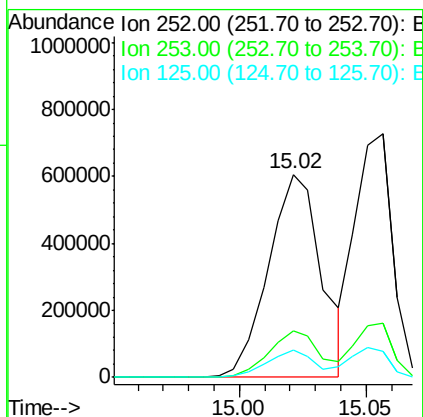
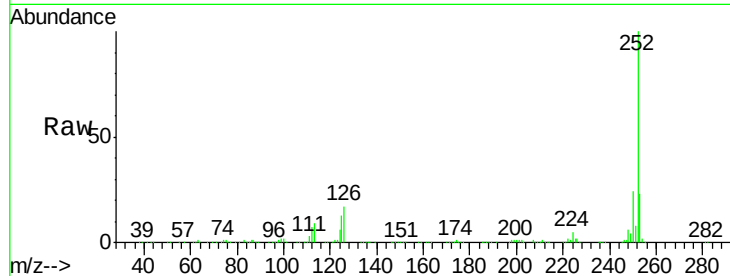




#87
Benzo(b)fluoranthene
Concen: 38.851 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

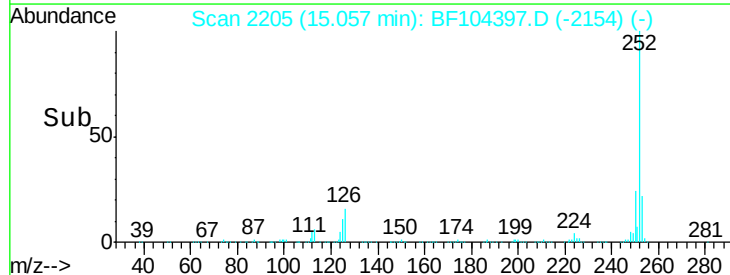
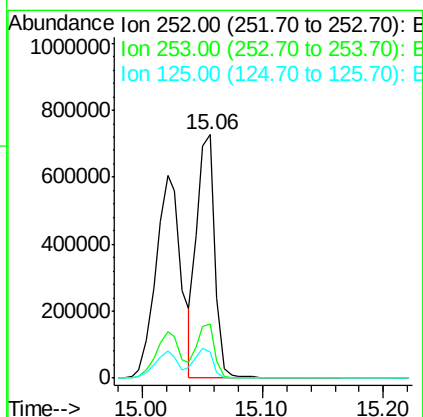
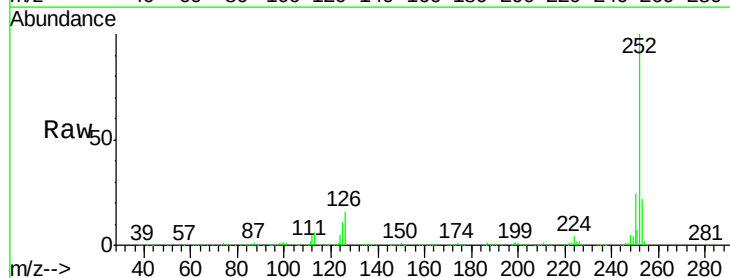
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

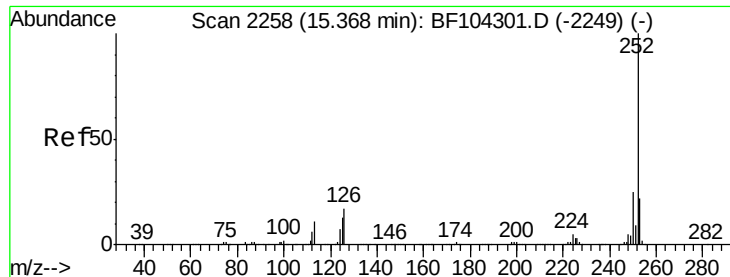
Tot Ion:252 Resp: 884747
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 13.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.199 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF104397.D
Acq: 10 Apr 2018 9:12

Tgt Ion:252 Resp: 756744
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.591 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

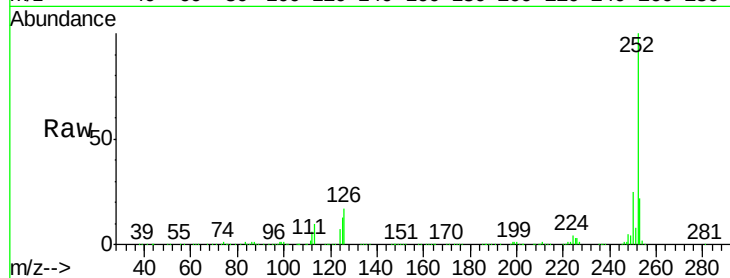
Tot Ion:252 Resp: 765942

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

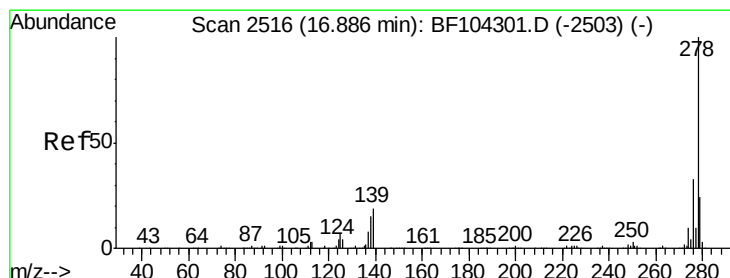
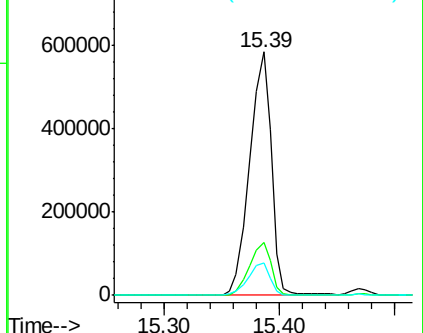
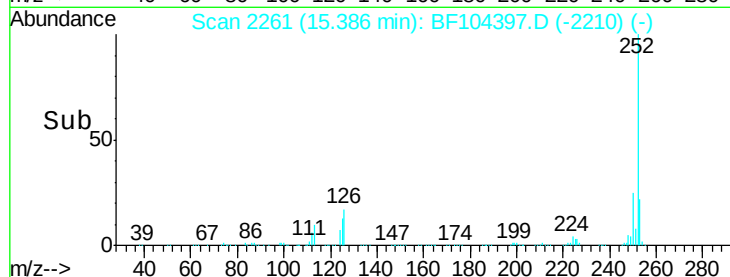
125 13.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.586 ng

RT: 16.92 min Scan# 2521

Delta R.T. 0.00 min

Lab File: BF104397.D

Acq: 10 Apr 2018 9:12

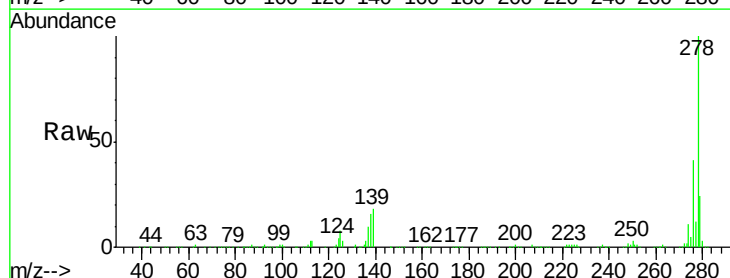
Tgt Ion:278 Resp: 645716

Ion Ratio Lower Upper

278 100

139 18.5 15.9 23.9

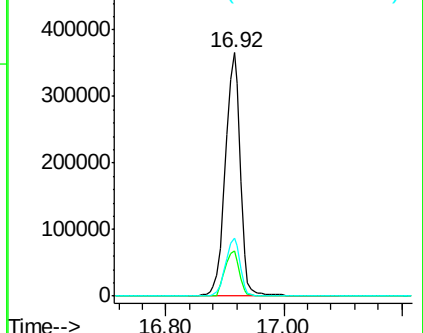
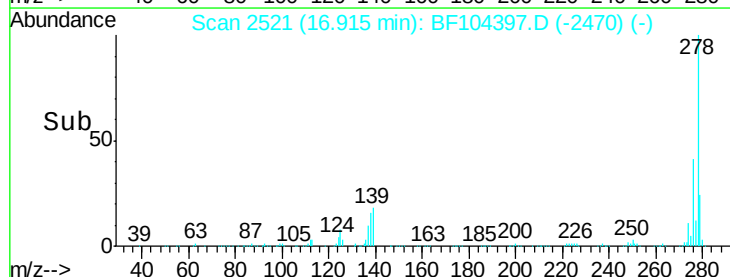
279 24.0 19.0 28.4

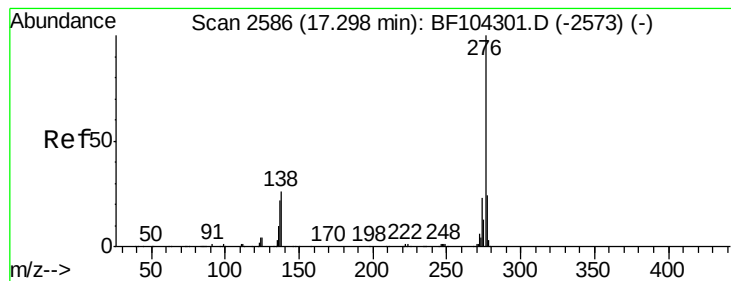


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.867 ng
 RT: 17.34 min Scan# 2593
 Delta R.T. 0.00 min
 Lab File: BF104397.D
 Acq: 10 Apr 2018 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	24.1	21.8	32.8

