

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104774.D
 Acq On : 24 Apr 2018 23:15
 Operator : JU/SJ
 Sample : PB108528BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 01:02:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	97194	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	401774	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	171817	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	267586	20.00	ng	0.00
75) Chrysene-d12	13.99	240	189587	20.00	ng	0.00
86) Perylene-d12	15.46	264	131063	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	634364	99.80	ng	0.02
7) Phenol-d6	6.46	99	761563	97.51	ng	0.01
23) Nitrobenzene-d5	7.37	82	473437	76.95	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	168024	94.27	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	877628	80.69	ng	0.00
78) Terphenyl-d14	12.93	244	704610	84.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	76126	25.702	ng	# 87
3) Pyridine	3.32	79	213805	25.675	ng	87
4) n-Nitrosodimethylamine	3.27	42	83620	28.726	ng	# 79
6) Aniline	6.47	93	111819	10.305	ng	# 26
8) 2-Chlorophenol	6.60	128	223469	33.309	ng	96
9) Benzaldehyde	6.36	77	94861	20.265	ng	97
10) Phenol	6.47	94	260919	31.486	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	204755	30.963	ng	94
12) 1,3-Dichlorobenzene	6.75	146	238290	31.351	ng	98
13) 1,4-Dichlorobenzene	6.83	146	242947	32.066	ng	99
14) 1,2-Dichlorobenzene	6.98	146	227620	32.419	ng	99
15) Benzyl Alcohol	6.96	79	177463	29.917	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	239615	26.981	ng	# 46
17) 2-Methylphenol	7.07	107	183599	31.482	ng	# 90
18) Hexachloroethane	7.32	117	60473	22.386	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	146298	28.666	ng	94
20) 3+4-Methylphenols	7.23	107	233793	32.324	ng	92
22) Acetophenone	7.22	105	306378	30.974	ng	# 97
24) Nitrobenzene	7.40	77	224327	33.022	ng	92
25) Isophorone	7.63	82	400479	30.780	ng	99
26) 2-Nitrophenol	7.71	139	83644	30.245	ng	96
27) 2,4-Dimethylphenol	7.75	122	196871	34.284	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	263554	33.130	ng	99
29) 2,4-Dichlorophenol	7.96	162	181219	33.075	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	191889	31.913	ng	97
31) Naphthalene	8.12	128	629472	31.464	ng	100
32) Benzoic acid	7.86	122	44618	9.738	ng	96
33) 4-Chloroaniline	8.17	127	75878	8.853	ng	97
34) Hexachlorobutadiene	8.23	225	105227	31.950	ng	100
35) Caprolactam	8.54	113	56724	29.678	ng	# 78
36) 4-Chloro-3-methylphenol	8.66	107	189293	32.221	ng	99
37) 2-Methylnaphthalene	8.81	142	413867	31.981	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	178229	36.237	ng	99
40) Hexachlorocyclopentadiene	8.95	237	7683	2.790	ng	94

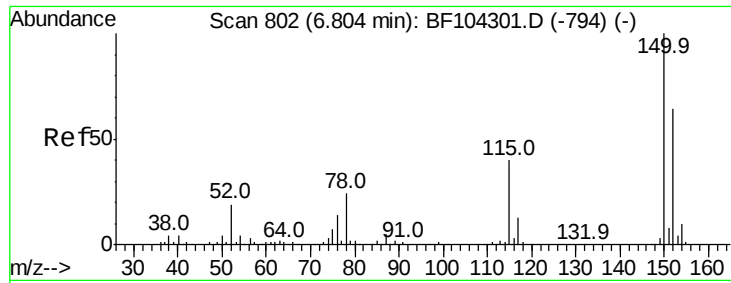
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	115246	33.754	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	119436	31.260	nq	95
45) 1,1'-Biphenyl	9.27	154	485701	33.650	nq	100
46) 2-Chloronaphthalene	9.30	162	374877	32.881	nq	100
47) 2-Nitroaniline	9.40	65	118423	42.002	nq	96
48) Acenaphthylene	9.72	152	549401	30.714	nq	99
49) Dimethylphthalate	9.57	163	459814	33.937	nq	100
50) 2,6-Dinitrotoluene	9.64	165	81516	32.514	nq	90
51) Acenaphthene	9.89	154	319309	29.257	nq	99
52) 3-Nitroaniline	9.81	138	108291	36.895	nq	99
53) 2,4-Dinitrophenol	9.93	184	2774	9.080	nq	# 29
54) Dibenzofuran	10.06	168	480153	31.569	nq	98
55) 4-Nitrophenol	9.99	139	114614	49.711	nq	97
56) 2,4-Dinitrotoluene	10.05	165	93640	28.474	nq	98
57) Fluorene	10.40	166	371838	33.588	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	86254	30.260	nq	93
59) Diethylphthalate	10.27	149	438919	32.527	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	178914	36.289	nq	94
61) 4-Nitroaniline	10.43	138	103390	36.026	nq	97
62) Azobenzene	10.55	77	363381	28.187	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	3149	9.394	nq	79
65) n-Nitrosodiphenylamine	10.51	169	332875	35.878	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	102924	36.161	nq	93
67) Hexachlorobenzene	10.95	284	108705	33.942	nq	# 90
68) Atrazine	11.04	200	105181	37.558	nq	98
69) Pentachlorophenol	11.15	266	80874	40.818	nq	98
70) Phenanthrene	11.37	178	482252	32.362	nq	98
71) Anthracene	11.42	178	492473	32.511	nq	99
72) Carbazole	11.57	167	440483	29.758	nq	100
73) Di-n-butylphthalate	11.90	149	610167	33.745	nq	98
74) Fluoranthene	12.56	202	467564	30.031	nq	98
76) Benzidine	12.68	184	337524	60.005	nq	98
77) Pyrene	12.79	202	470374	33.472	nq	99
79) Butylbenzylphthalate	13.40	149	223870	33.815	nq	97
80) Benzo(a)anthracene	13.98	228	378367	33.407	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	141894	33.600	nq	97
82) Chrysene	14.02	228	359822	30.929	nq	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	313835	36.854	nq	99
84) Di-n-octyl phthalate	14.57	149	506077	35.567	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.93	276	261276	26.438	nq	95
87) Benzo(b)fluoranthene	15.03	252	303398	36.652	nq	98
88) Benzo(k)fluoranthene	15.06	252	260696	33.359	nq	97
89) Benzo(a)pyrene	15.40	252	252095	34.037	nq	100
90) Dibenzo(a,h)anthracene	16.94	278	222306	36.546	nq	96
91) Benzo(g,h,i)perylene	17.37	276	218039	36.997	nq	94

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

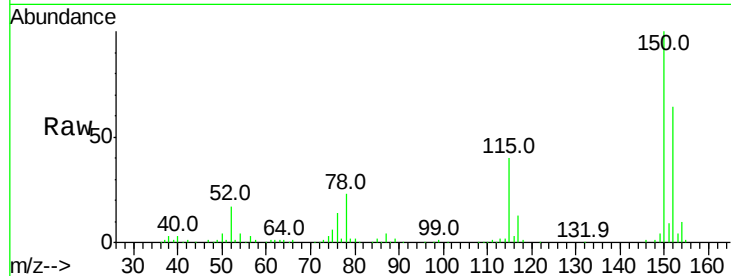


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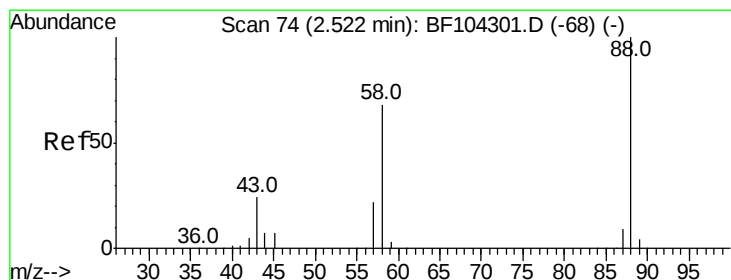
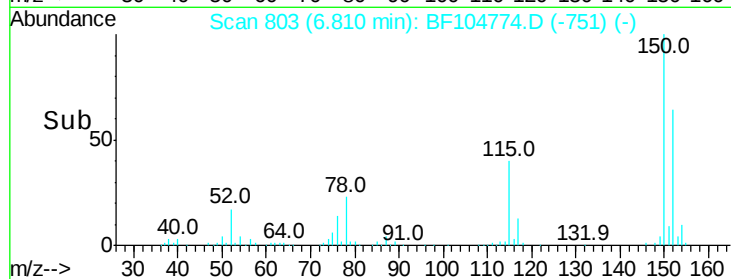
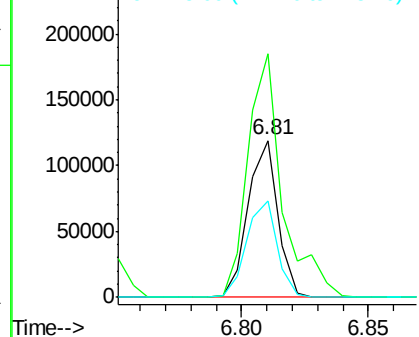
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97194
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 61.7 50.1 75.1



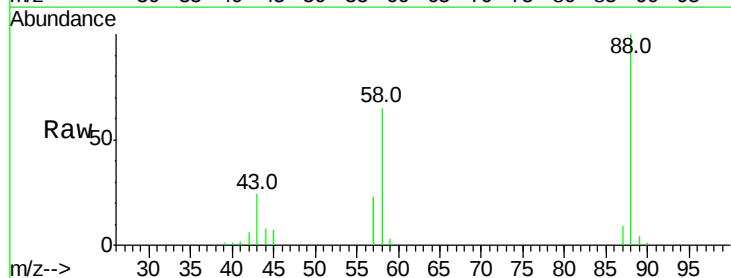
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



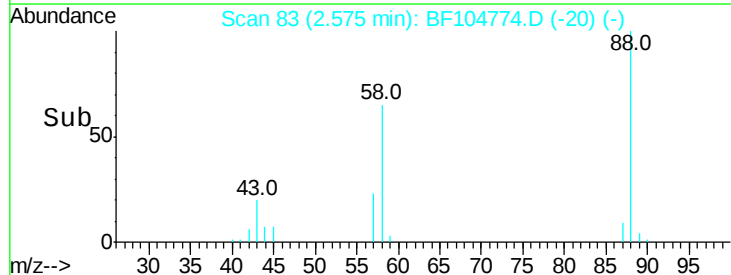
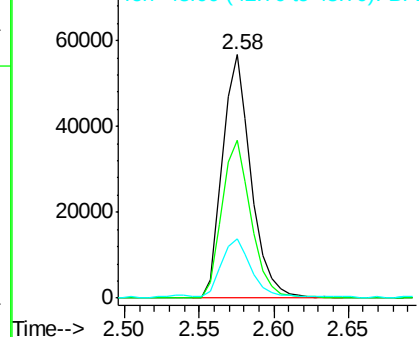
#2

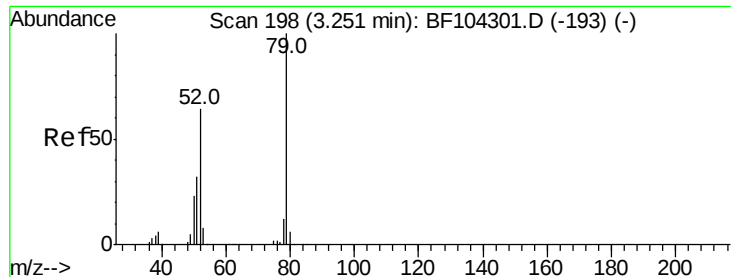
1,4-Dioxane
Concen: 25.702 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.07 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion: 88 Resp: 76126
Ion Ratio Lower Upper
88 100
58 66.5 62.6 93.8
43 24.3 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 25.675 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.07 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampled :

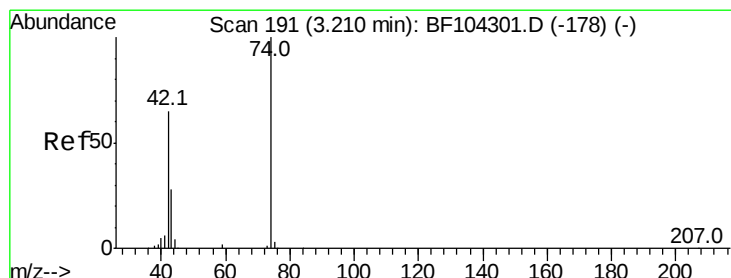
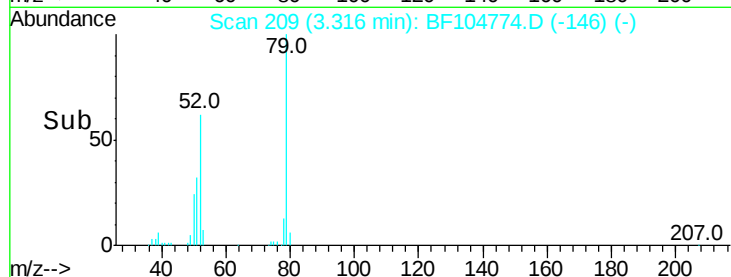
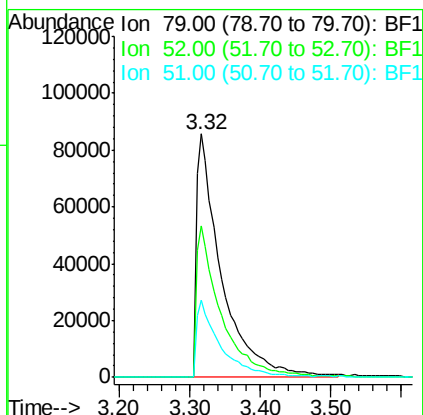
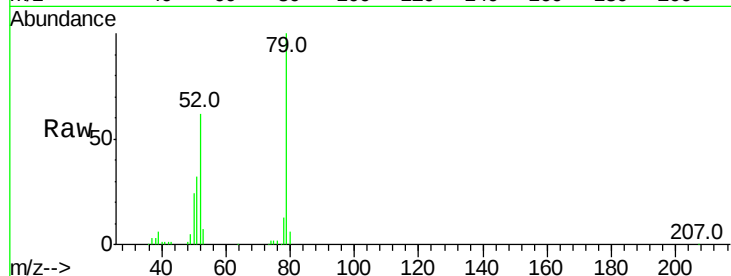
Tot Ion: 79 Resp: 213805

Ion Ratio Lower Upper

79 100

52 62.0 59.8 89.6

51 31.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 28.726 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.06 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

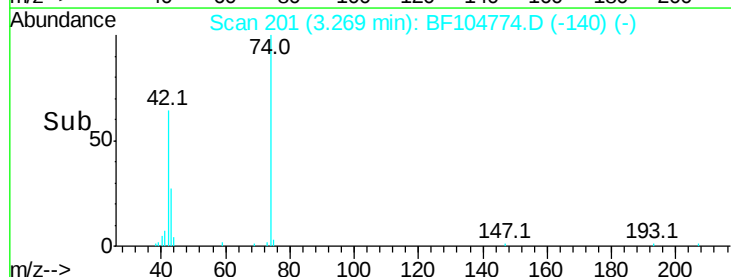
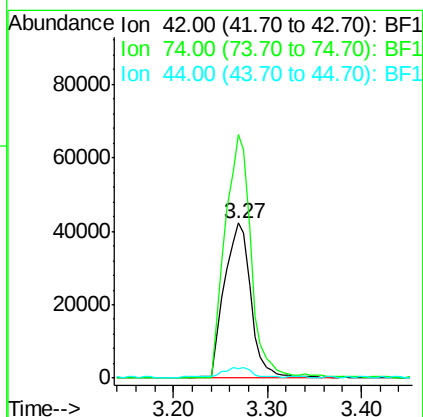
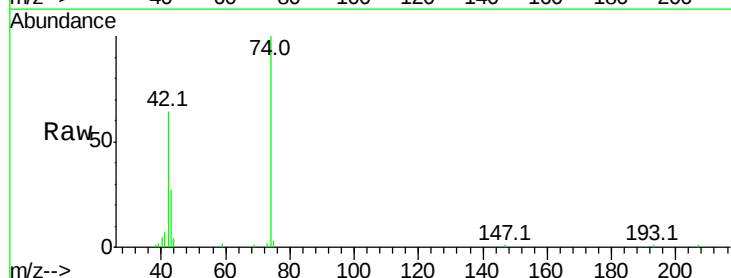
Tgt Ion: 42 Resp: 83620

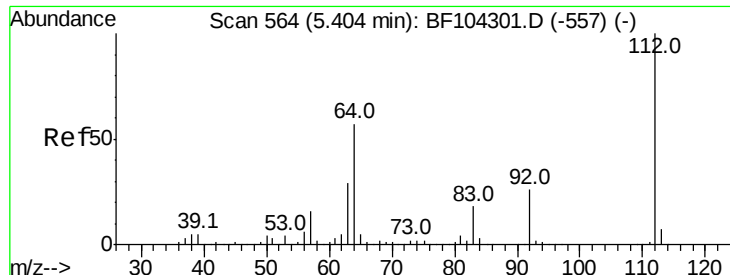
Ion Ratio Lower Upper

42 100

74 157.2 104.9 157.3

44 5.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 99.798 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104774.D

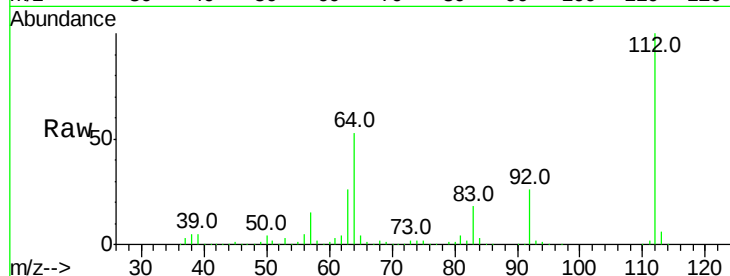
Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampled :

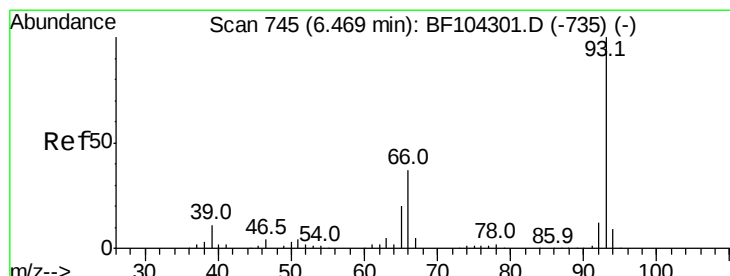
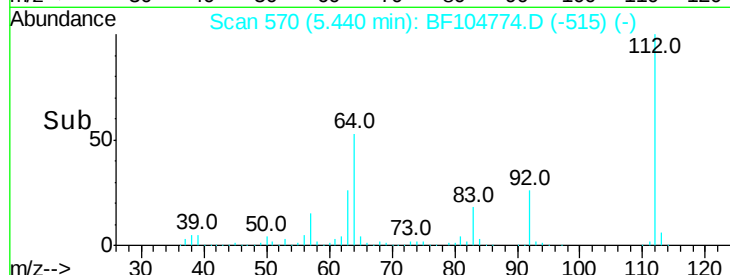
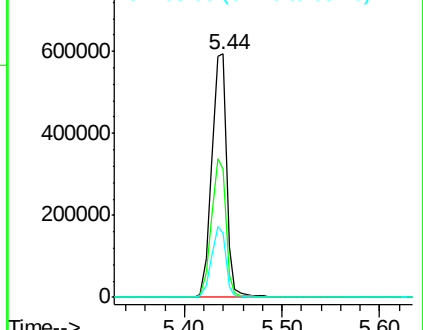
Tot Ion:	112	Resp:	634364
Ion	Ratio	Lower	Upper
112	100		
64	52.5	47.9	71.9
63	26.4	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.305 ng

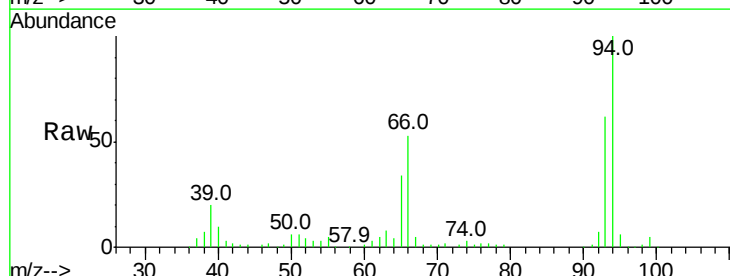
RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

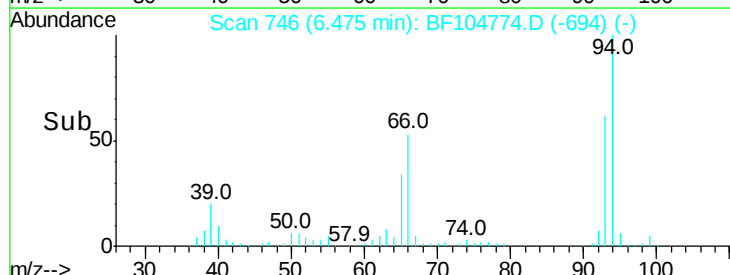
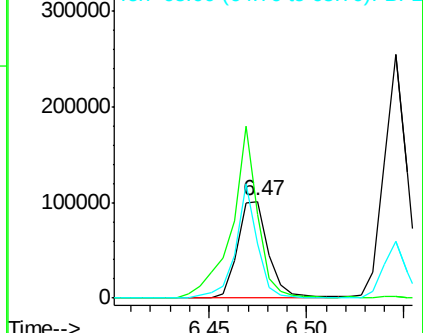
Tgt Ion:	93	Resp:	111819
Ion	Ratio	Lower	Upper
93	100		
66	86.1	32.2	48.2#
65	55.3	16.4	24.6#



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: 97.511 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

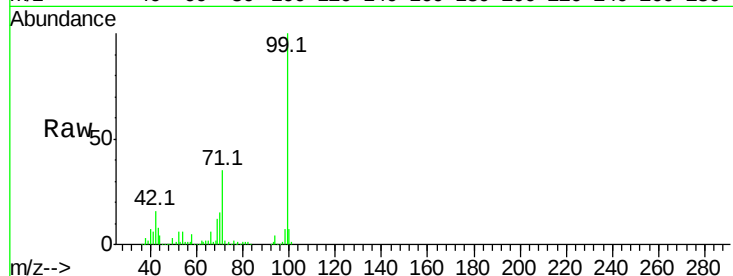
Tot Ion: 99 Resp: 761563

Ion Ratio Lower Upper

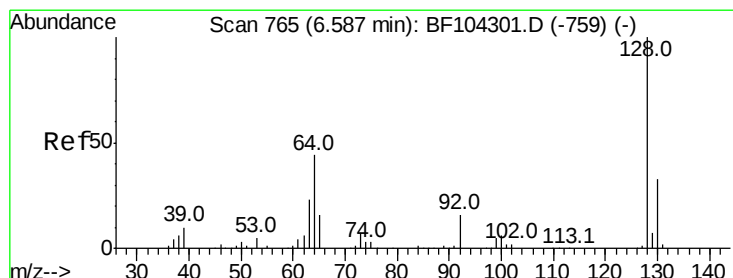
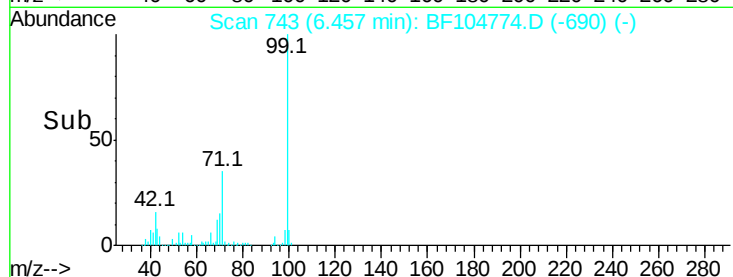
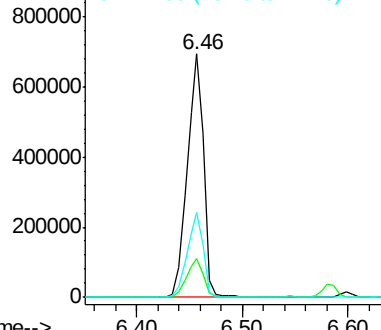
99 100

42 16.0 14.5 21.7

71 34.9 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: 33.309 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

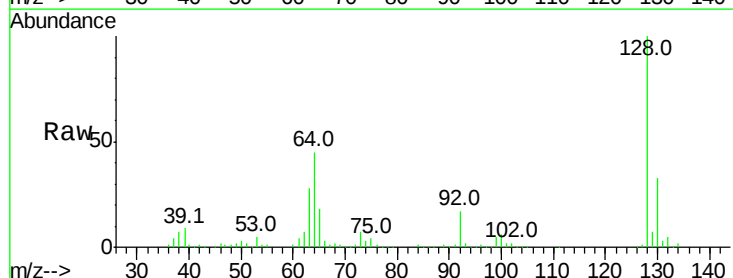
Tgt Ion: 128 Resp: 223469

Ion Ratio Lower Upper

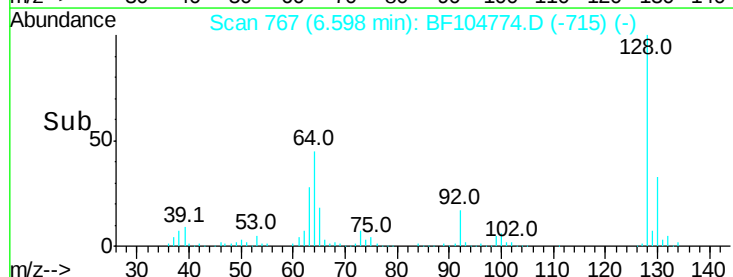
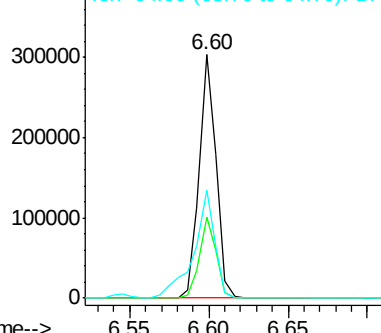
128 100

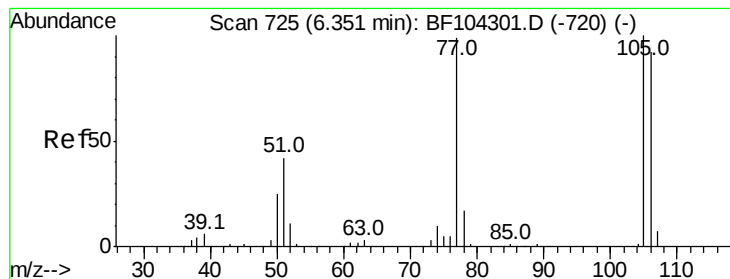
130 33.2 13.0 53.0

64 44.5 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: 20.265 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampled :

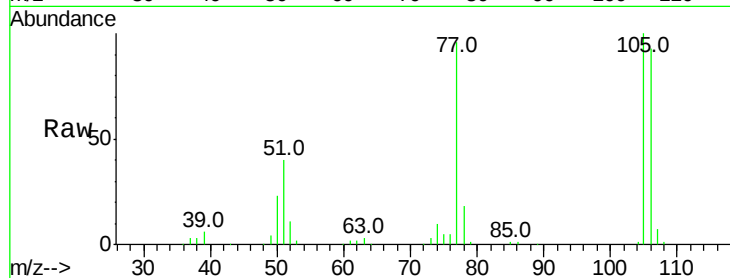
Tot Ion: 77 Resp: 94861

Ion Ratio Lower Upper

77 100

105 104.6 81.1 121.1

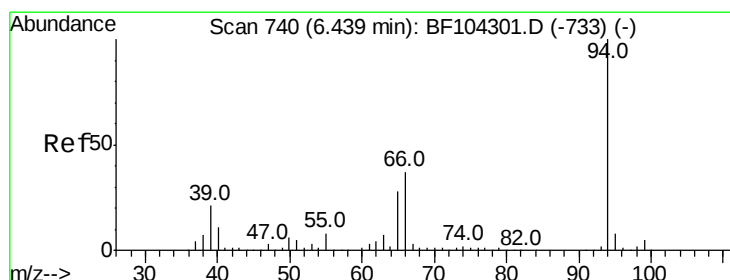
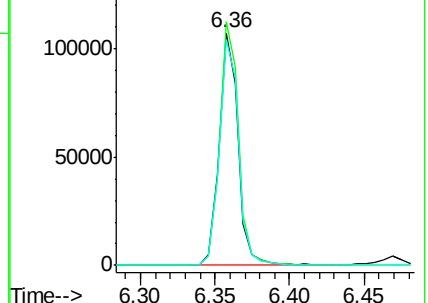
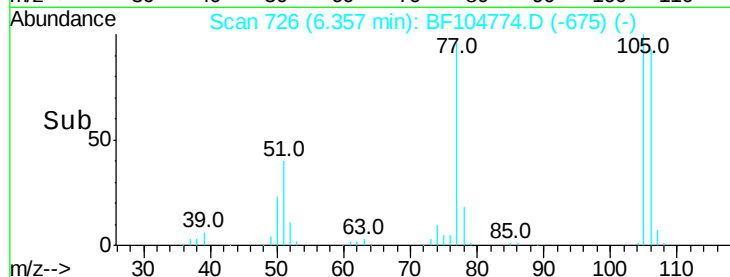
106 97.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.486 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

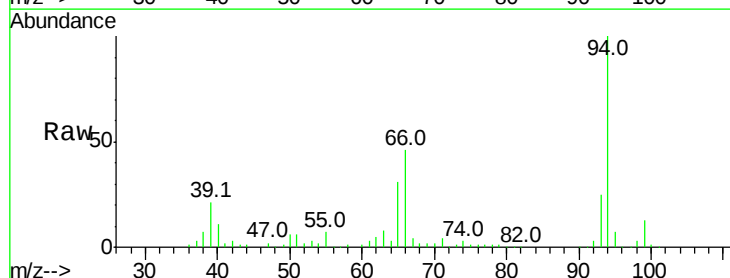
Tgt Ion: 94 Resp: 260919

Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

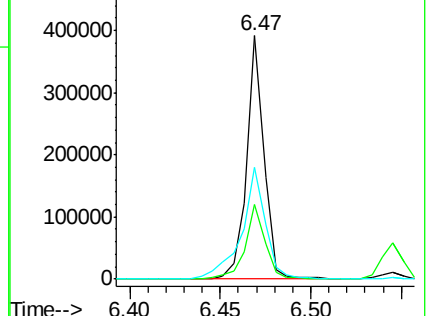
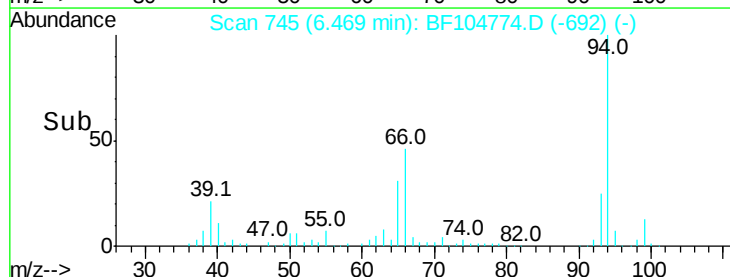
66 46.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

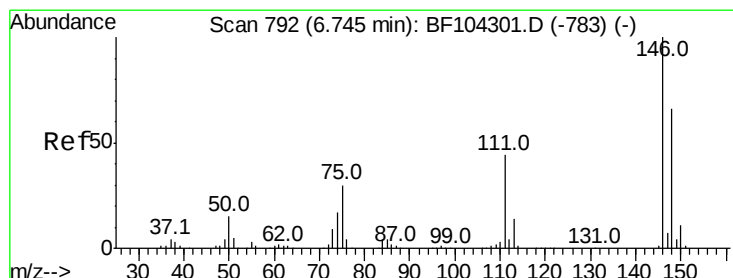
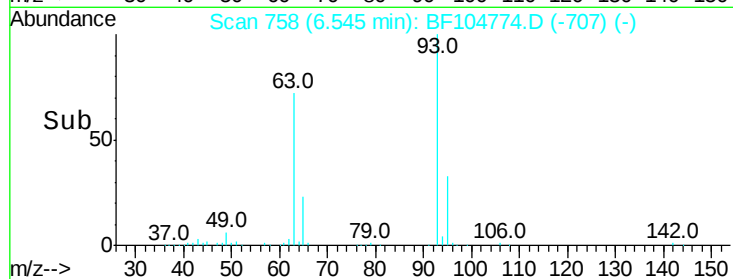
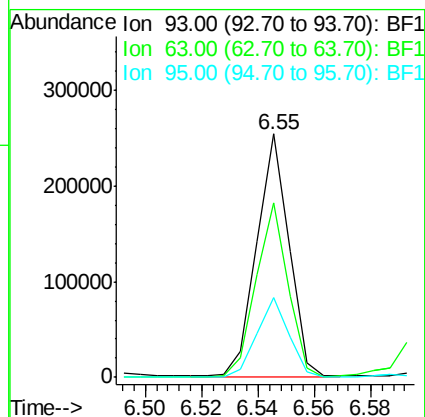
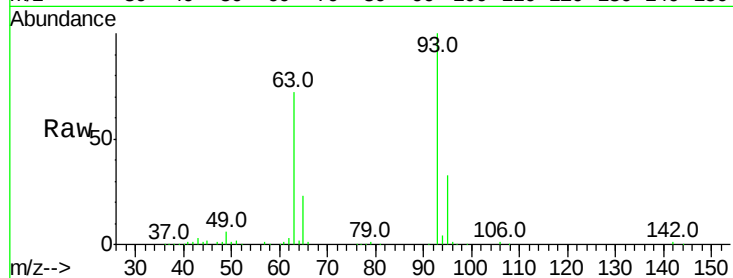




#11
bis(2-Chloroethyl)ether
Concen: 30.963 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

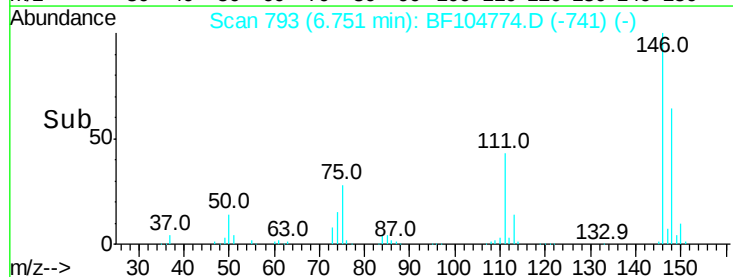
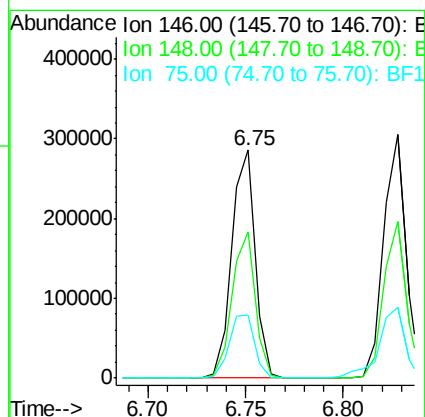
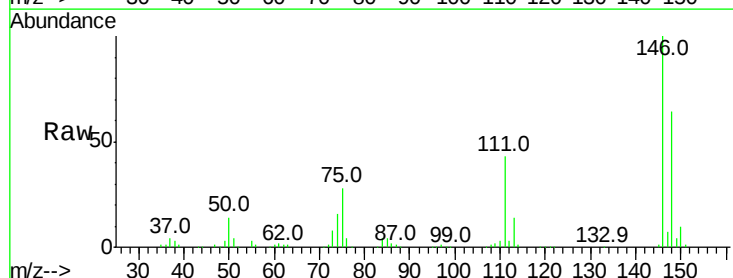
Instrument :
BNA_F
ClientSampleId :

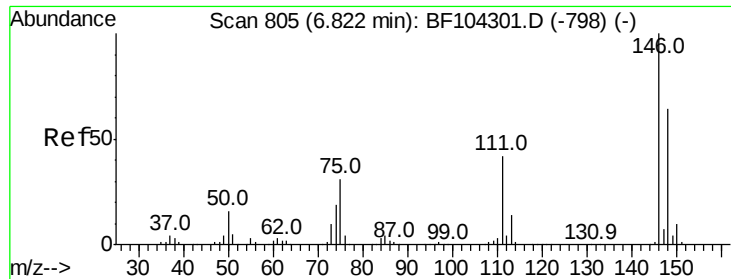
Tot Ion: 93 Resp: 204755
Ion Ratio Lower Upper
93 100
63 71.7 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 31.351 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion: 146 Resp: 238290
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 28.0 24.2 36.4

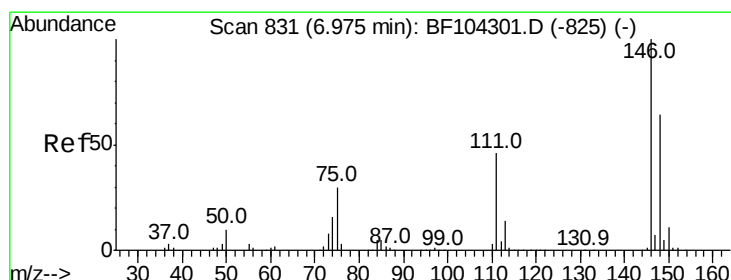
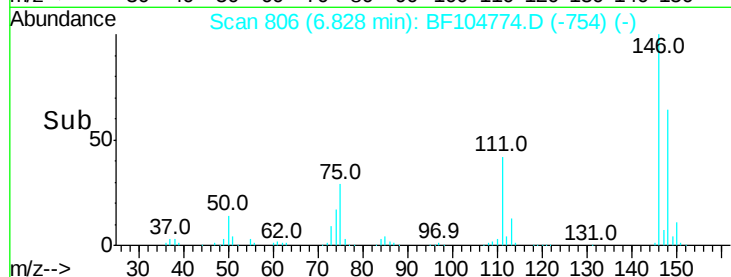
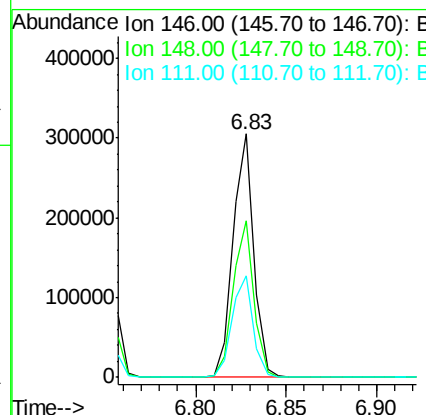
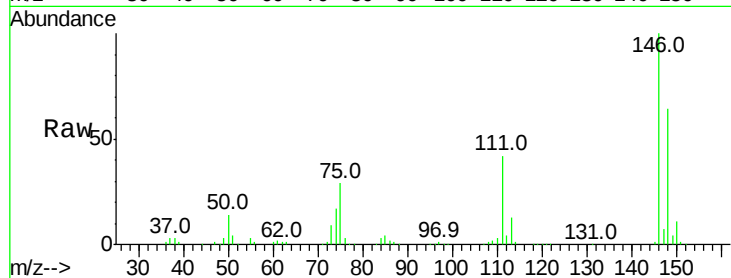




#13
 1,4-Dichlorobenzene
 Concen: 32.066 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

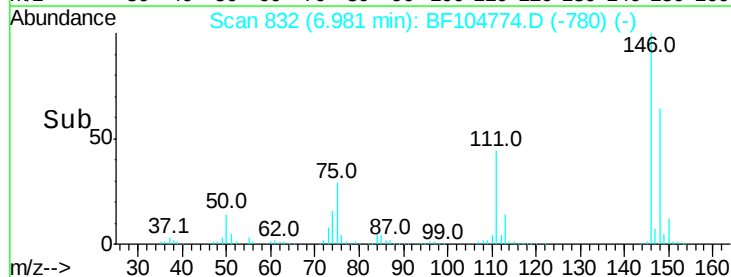
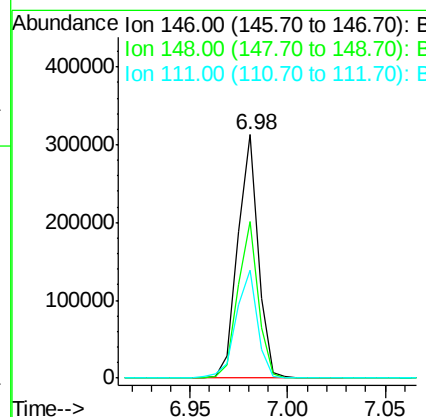
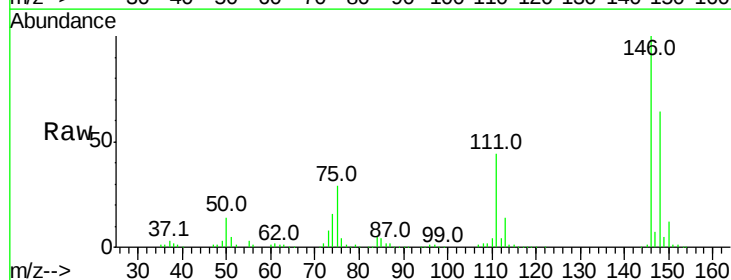
Instrument :
 BNA_F
 ClientSampleId :

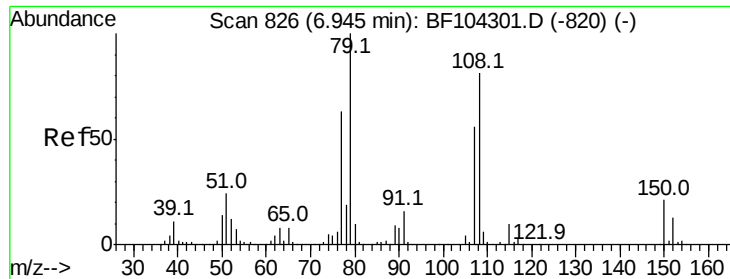
Tot Ion:146 Resp: 242947
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 41.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 32.419 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion:146 Resp: 227620
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 44.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 29.917 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampled :

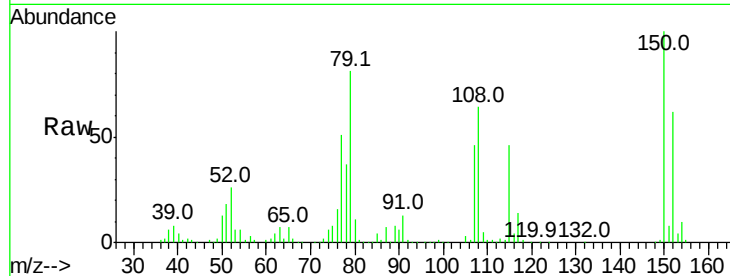
Tot Ion: 79 Resp: 177463

Ion Ratio Lower Upper

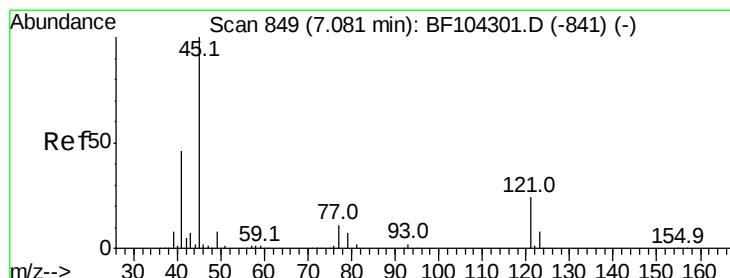
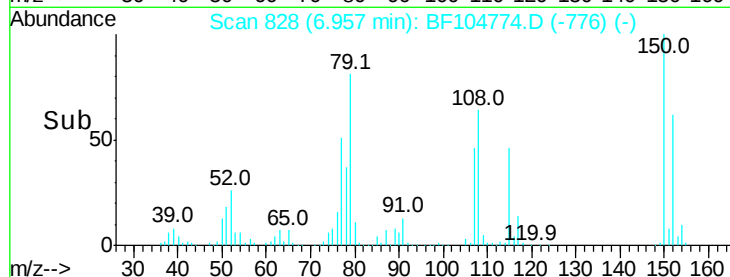
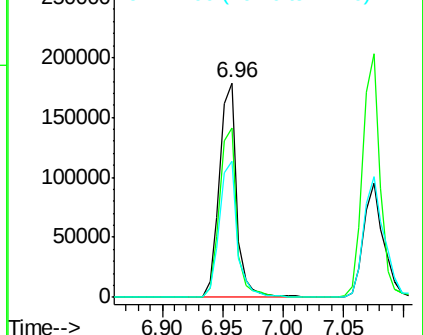
79 100

108 78.9 65.1 97.7

77 63.2 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.981 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

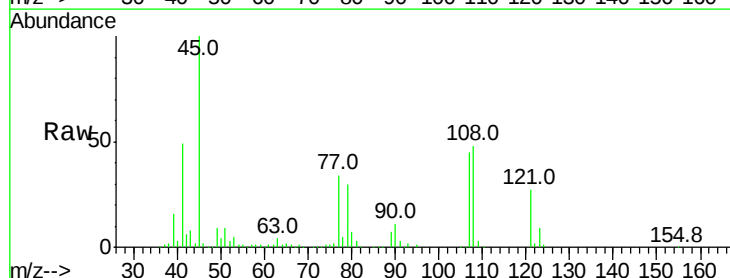
Tgt Ion: 45 Resp: 239615

Ion Ratio Lower Upper

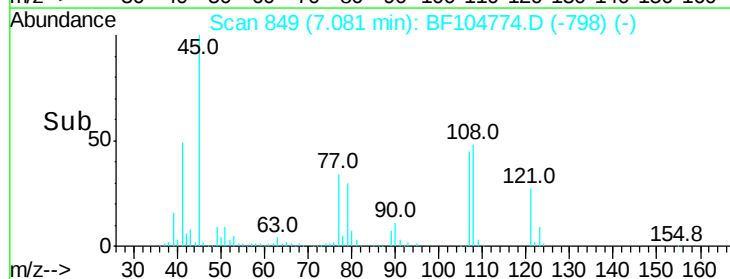
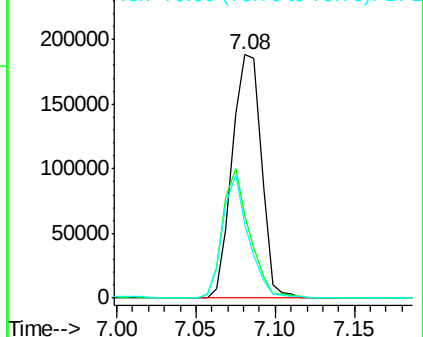
45 100

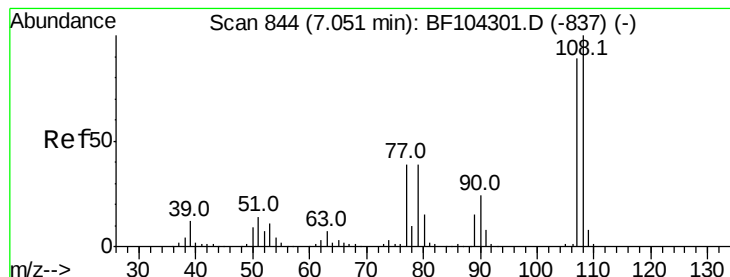
77 33.9 0.0 32.9#

79 30.1 0.0 29.6#



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

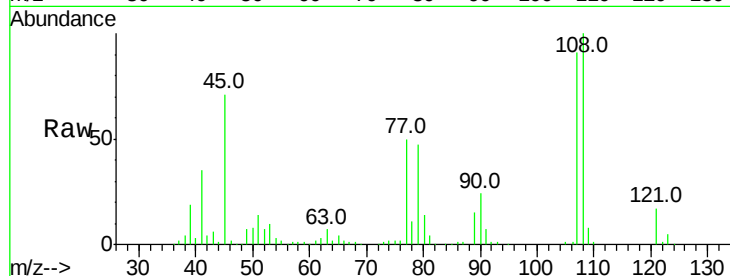




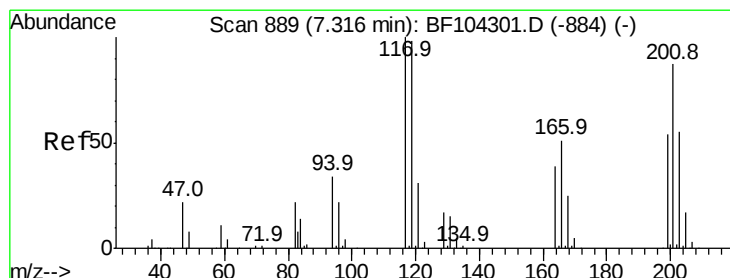
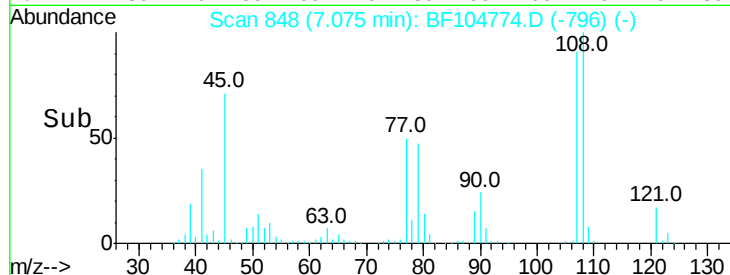
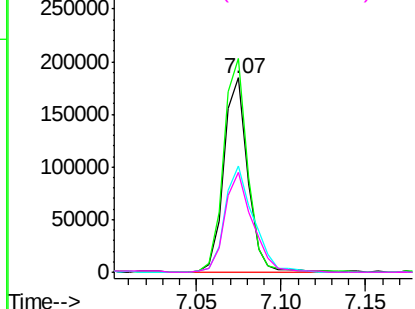
#17
2-Methylphenol
Concen: 31.482 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 183599
Ion Ratio Lower Upper
107 100
108 110.1 91.7 137.5
77 54.7 33.8 50.8#
79 51.7 33.8 50.8#

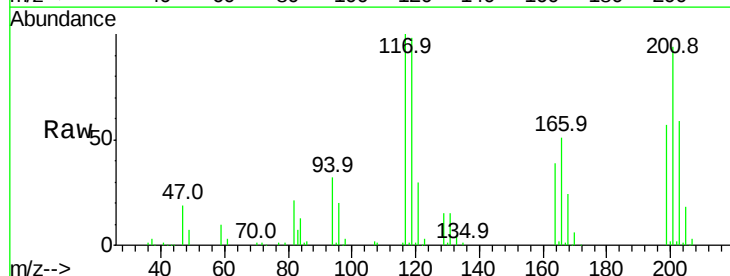


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

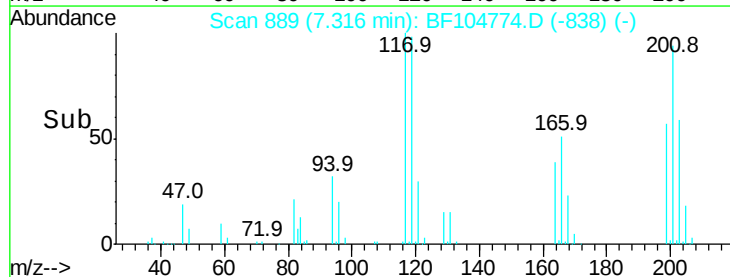
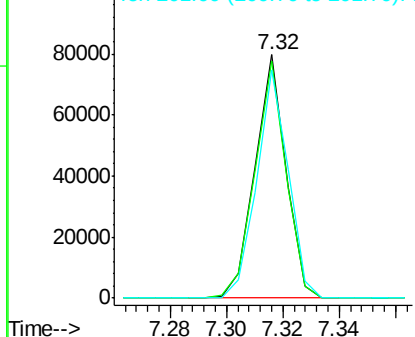


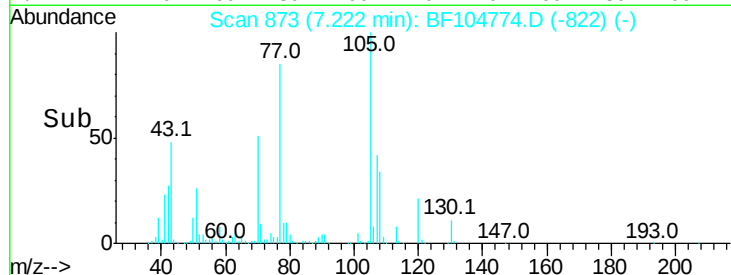
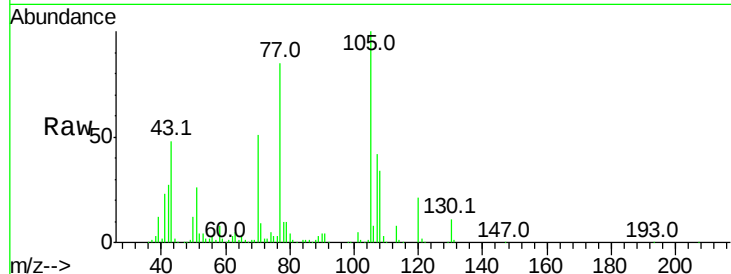
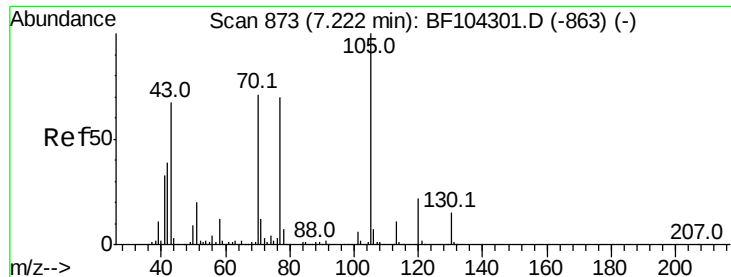
#18
Hexachloroethane
Concen: 22.386 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion:117 Resp: 60473
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
201 93.8 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

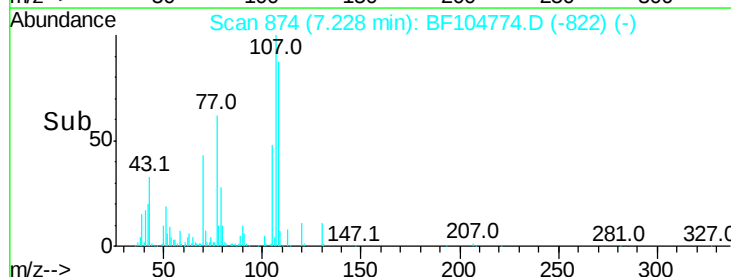
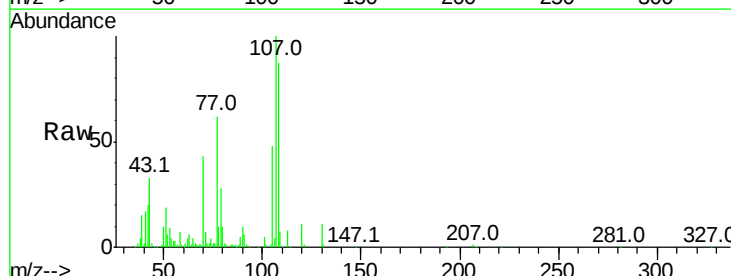
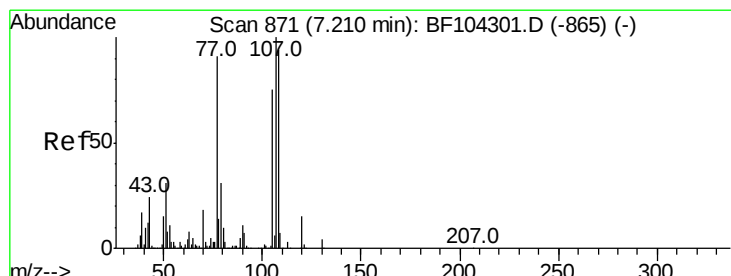
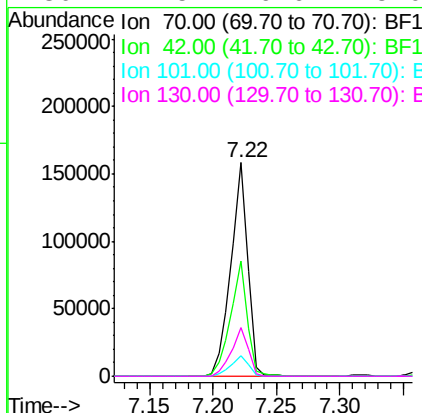




#19
n-Nitroso-di-n-propylamine
Concen: 28.666 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

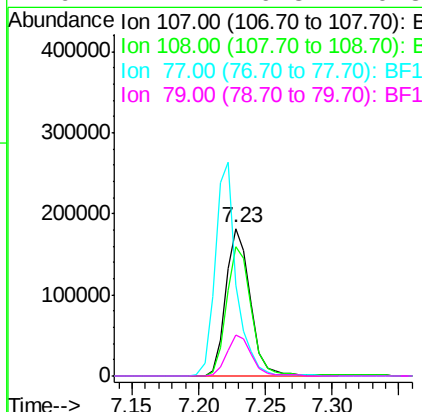
Instrument :
BNA_F
ClientSampled :

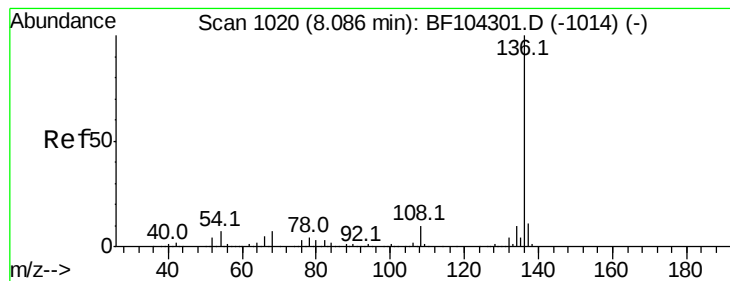
Tot Ion: 70 Resp: 146298
Ion Ratio Lower Upper
70 100
42 53.9 47.5 71.3
101 9.4 7.4 11.2
130 22.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 32.324 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion: 107 Resp: 233793
Ion Ratio Lower Upper
107 100
108 87.4 68.2 108.2
77 62.0 26.7 66.7
79 27.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 401774

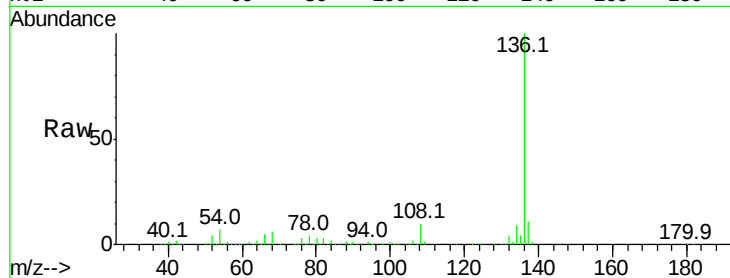
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.8 6.6 9.8

68 5.8 5.0 7.4

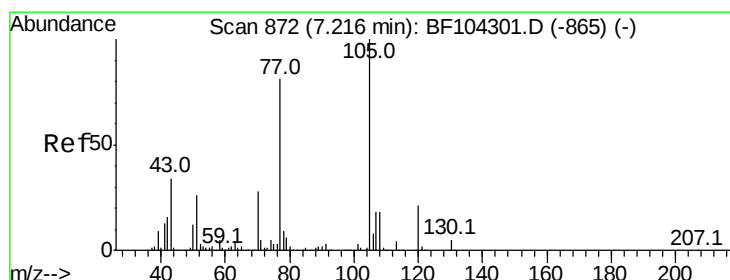
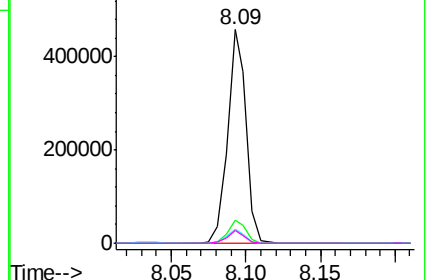
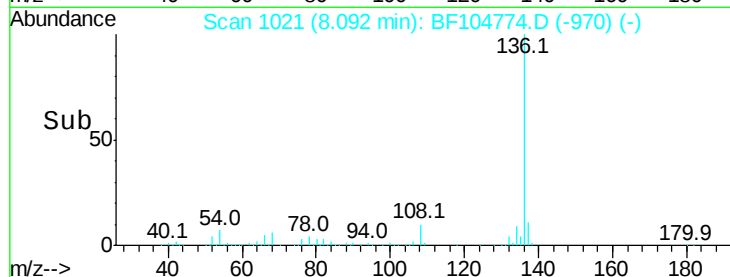


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 30.974 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Tgt Ion:105 Resp: 306378

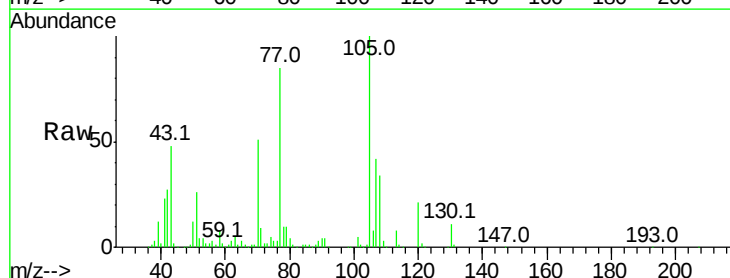
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 25.9 22.3 33.5

120 21.0 16.9 25.3

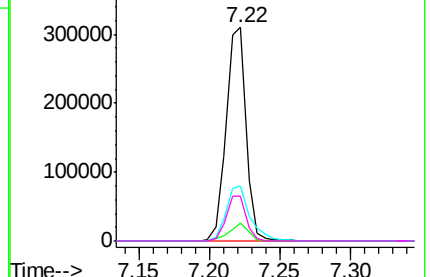
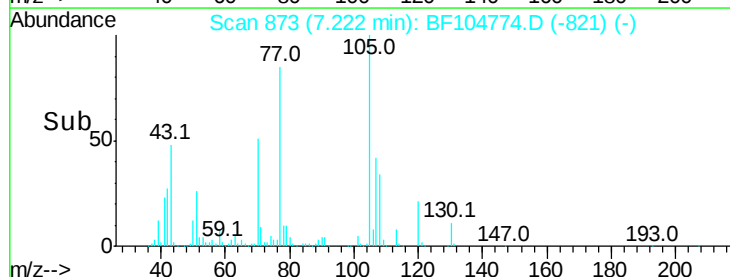


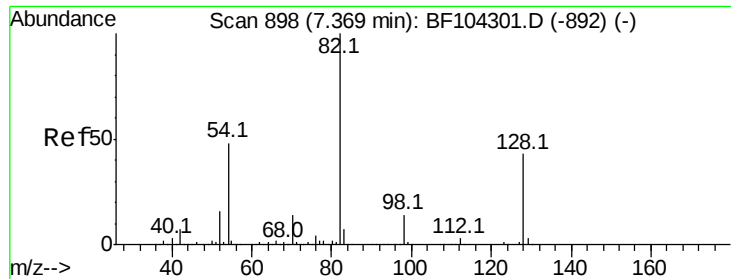
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

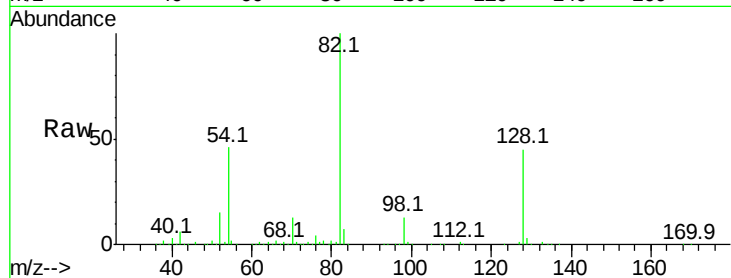




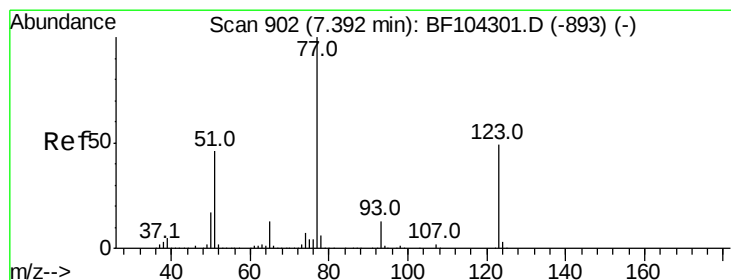
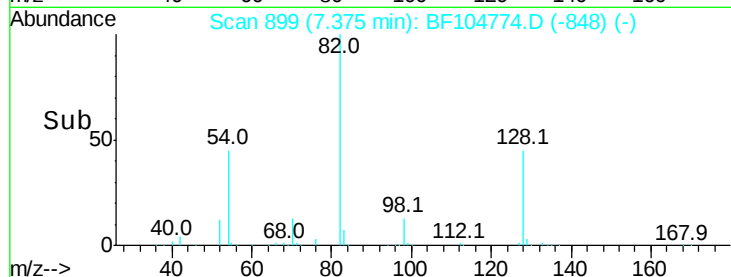
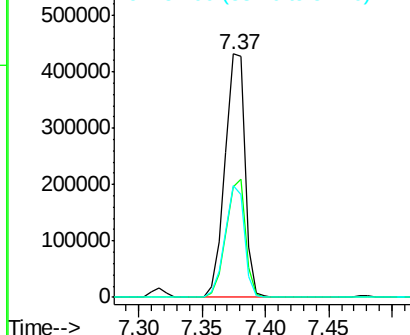
#23
 Nitrobenzene-d5
 Concen: 76.945 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	473437
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	45.9	41.4	62.2

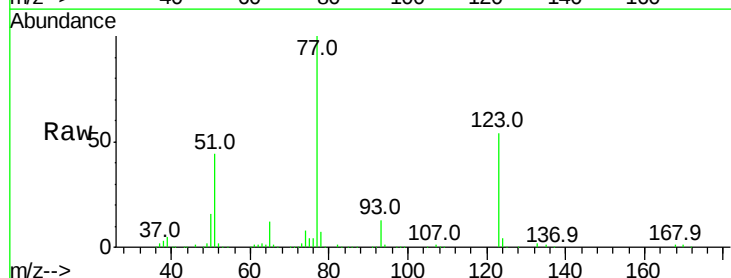


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

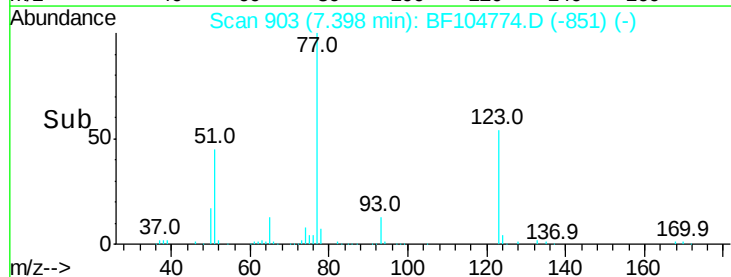
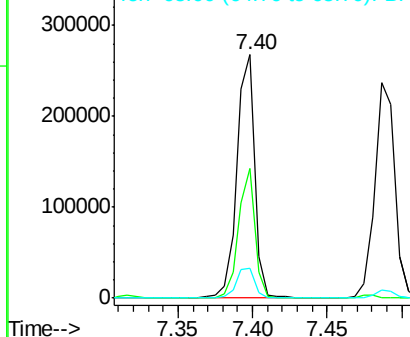


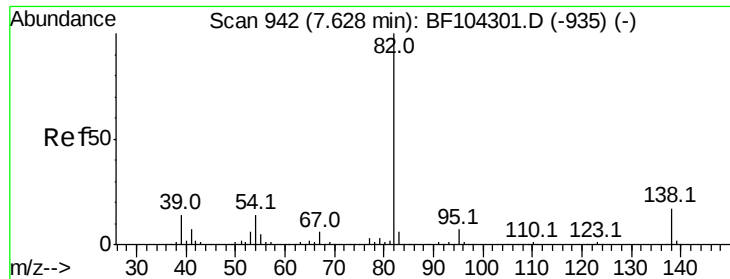
#24
 Nitrobenzene
 Concen: 33.022 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	77	Resp	224327
Ion	Ratio	Lower	Upper
77	100		
123	53.5	37.9	56.9
65	12.0	11.0	16.4



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





#25

Isophorone

Concen: 30.780 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

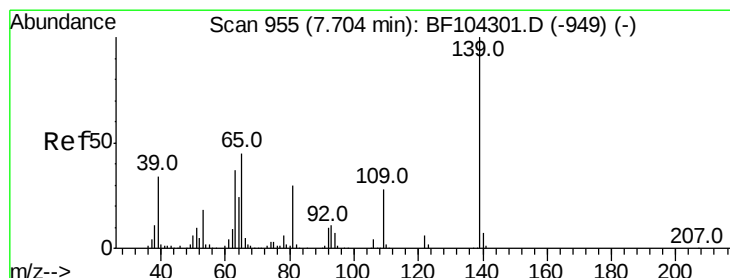
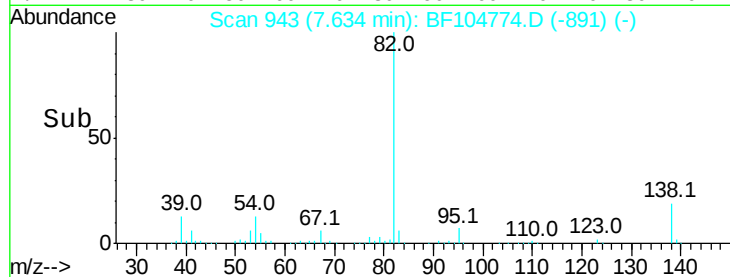
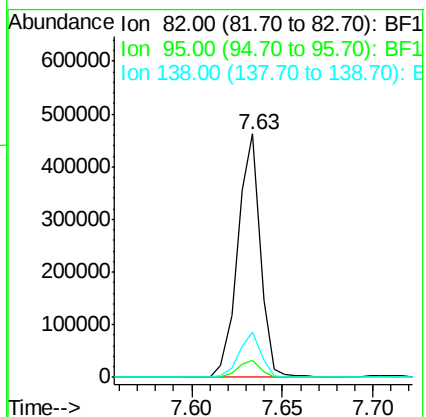
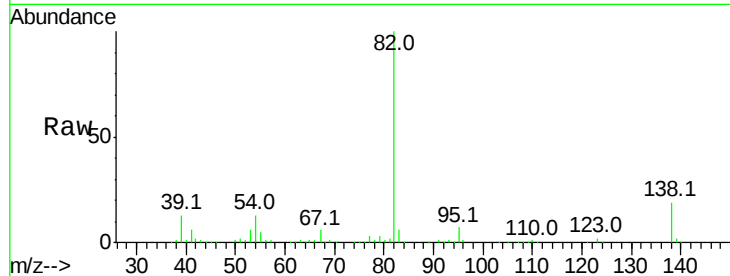
Tot Ion: 82 Resp: 400479

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 30.245 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

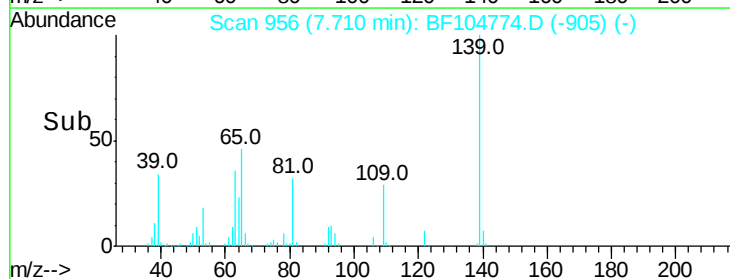
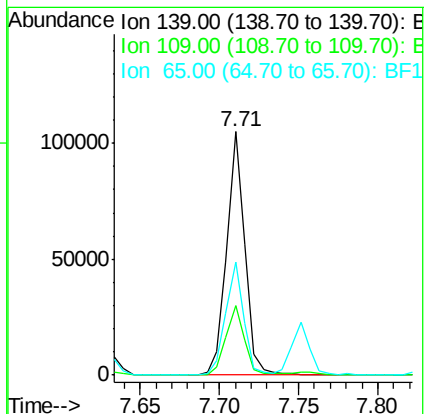
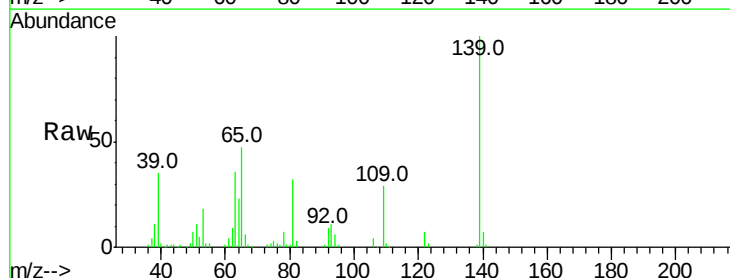
Tgt Ion: 139 Resp: 83644

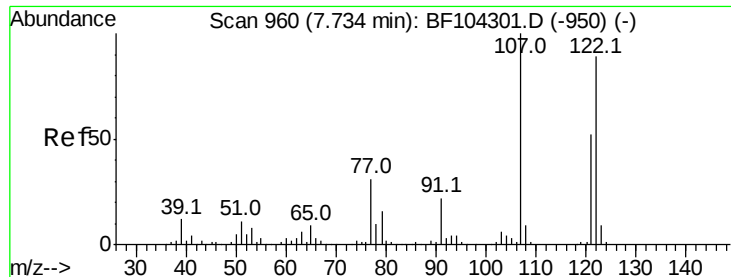
Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

65 46.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 34.284 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

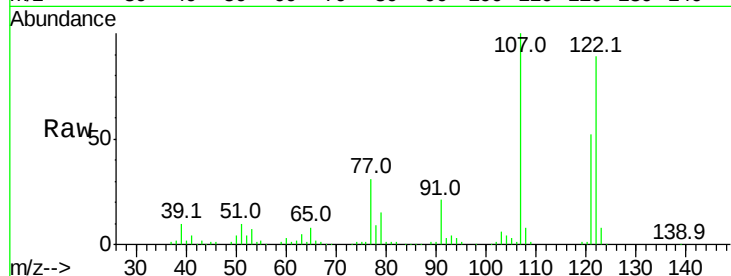
Tot Ion:122 Resp: 196871

Ion Ratio Lower Upper

122 100

107 113.0 91.2 136.8

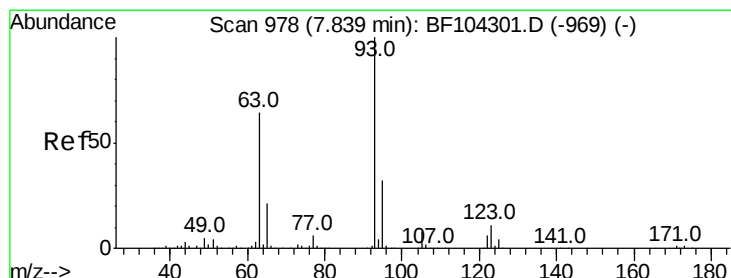
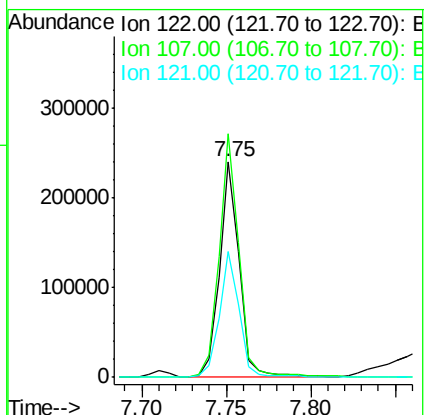
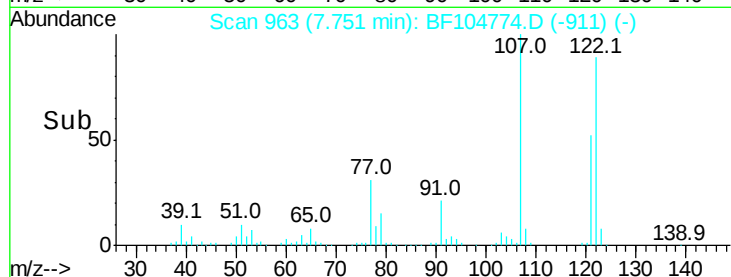
121 58.4 47.2 70.8



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: 33.130 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

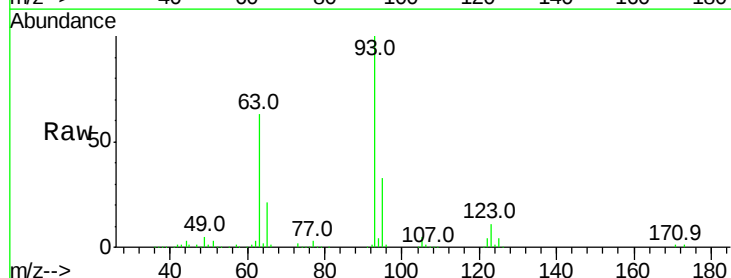
Tgt Ion: 93 Resp: 263554

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

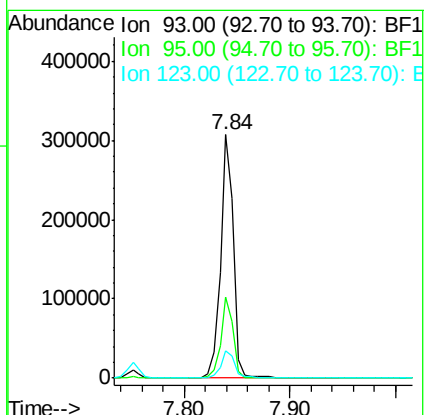
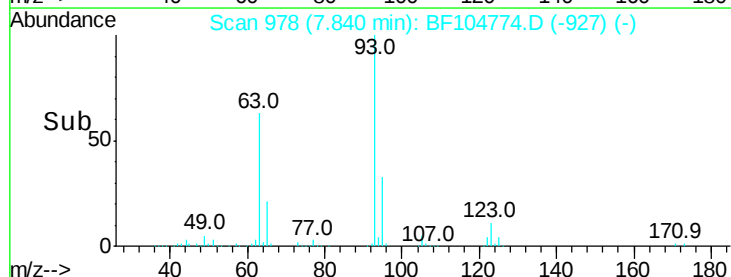
123 11.0 9.8 14.6

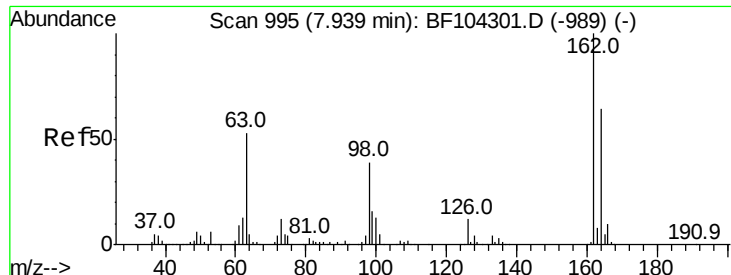


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 33.075 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampled :

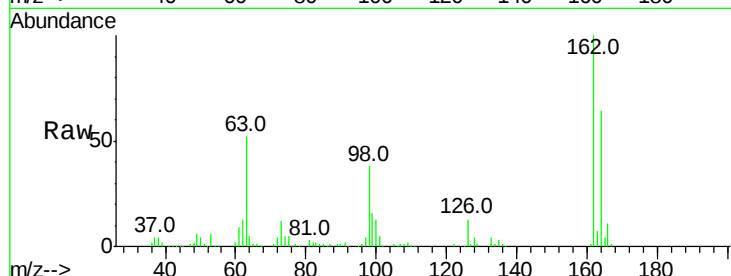
Tot Ion:162 Resp: 181219

Ion Ratio Lower Upper

162 100

164 63.9 42.7 82.7

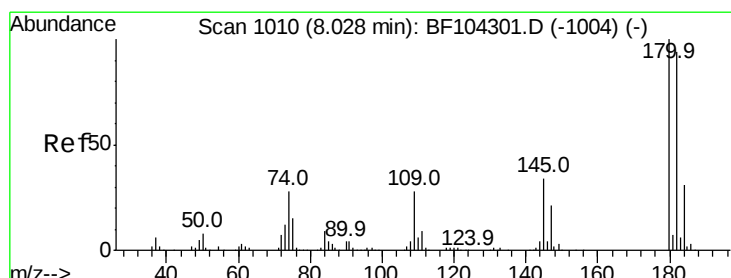
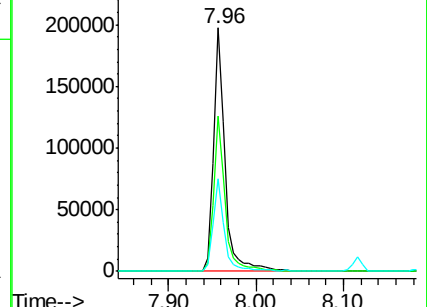
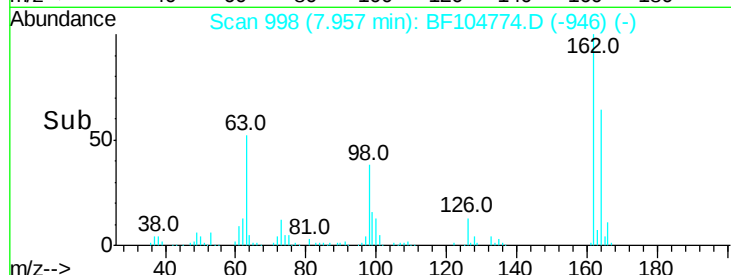
98 38.3 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 31.913 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

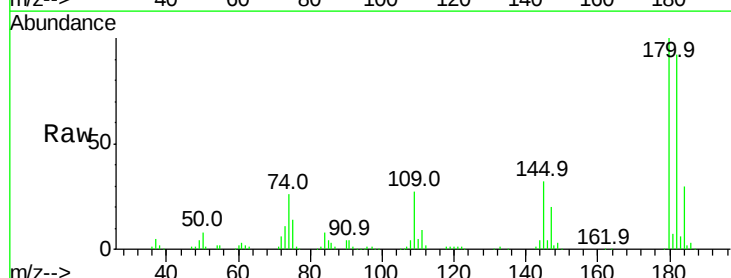
Tgt Ion:180 Resp: 191889

Ion Ratio Lower Upper

180 100

182 92.4 76.8 115.2

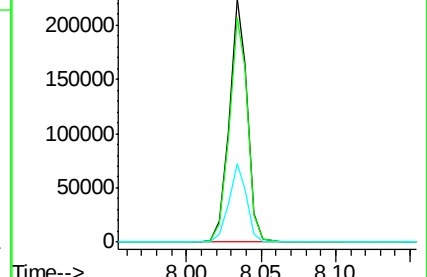
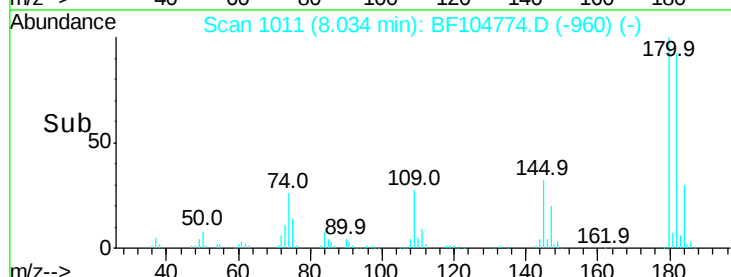
145 32.0 26.5 39.7

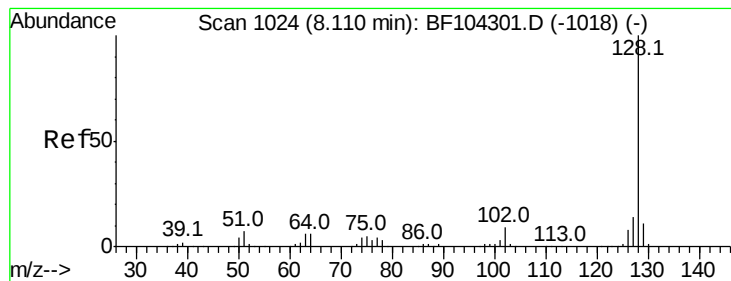


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 31.464 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

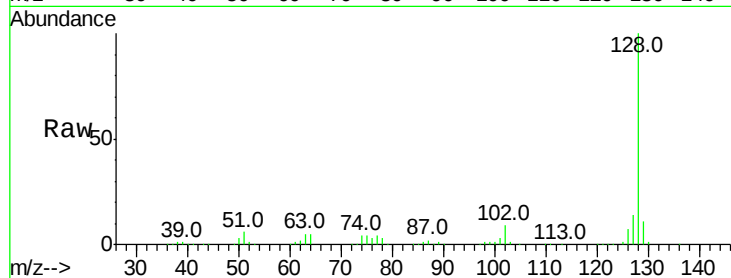
Tot Ion:128 Resp: 629472

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

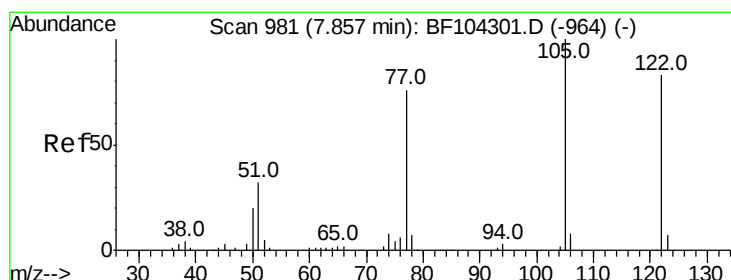
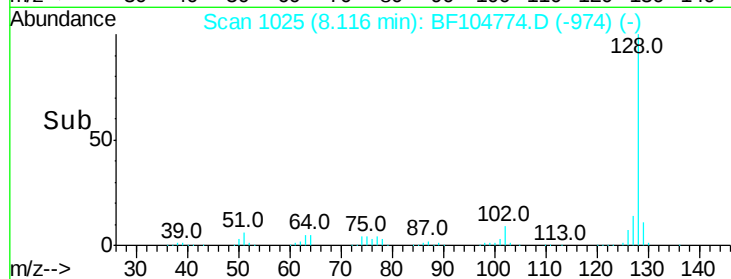
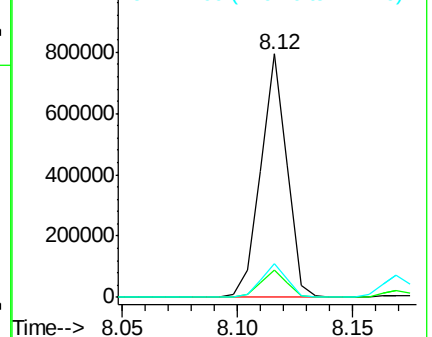
127 13.7 10.9 16.3



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: 9.738 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

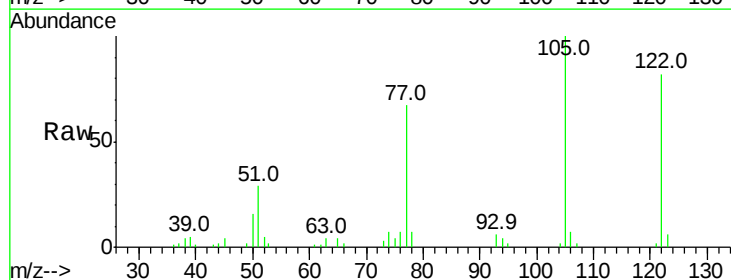
Tgt Ion:122 Resp: 44618

Ion Ratio Lower Upper

122 100

105 121.6 101.1 141.1

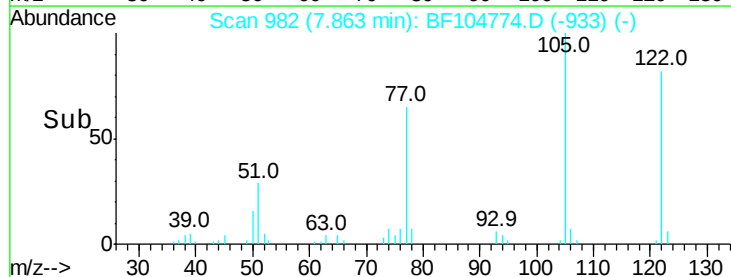
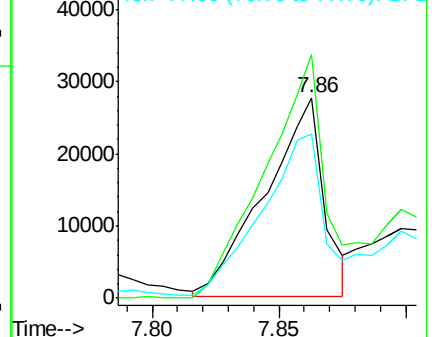
77 81.8 70.7 110.7

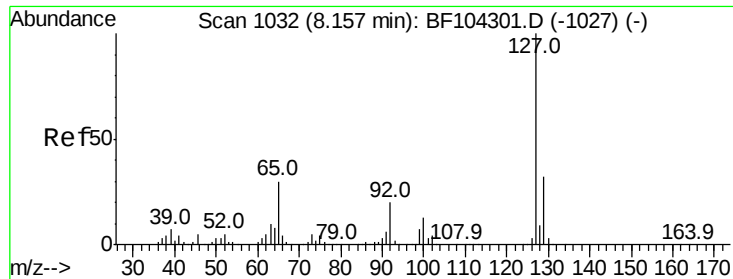


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

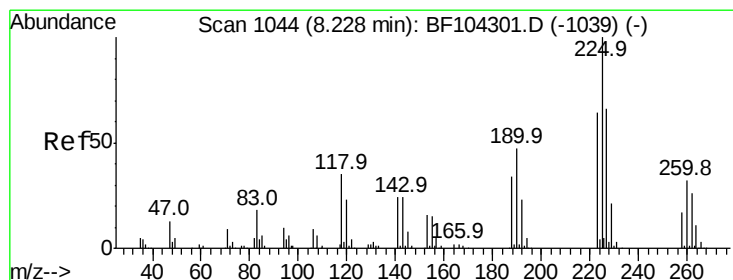
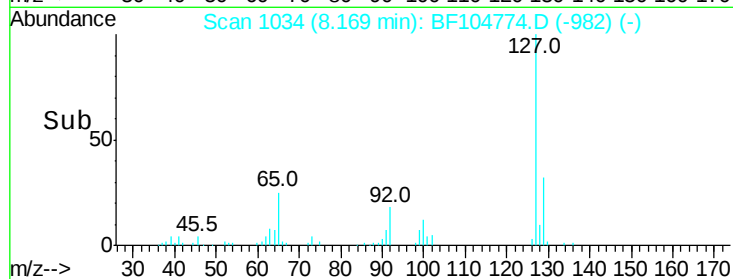
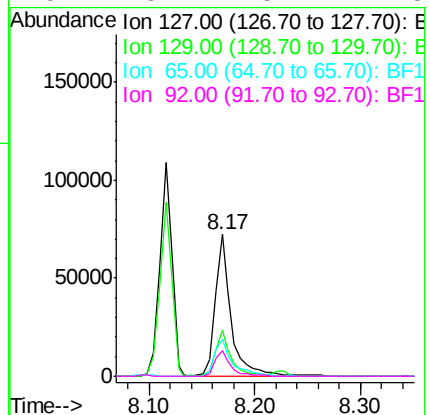
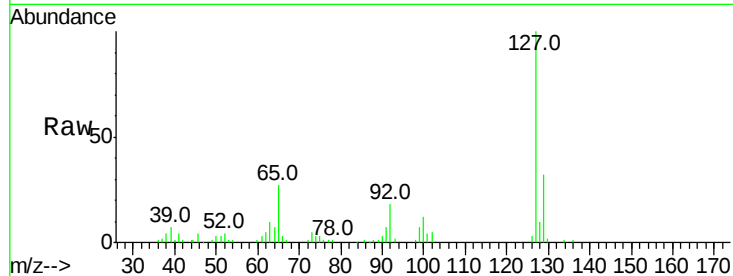




#33
4-Chloroaniline
Concen: 8.853 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

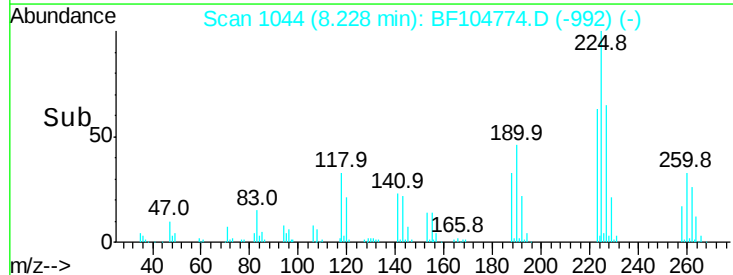
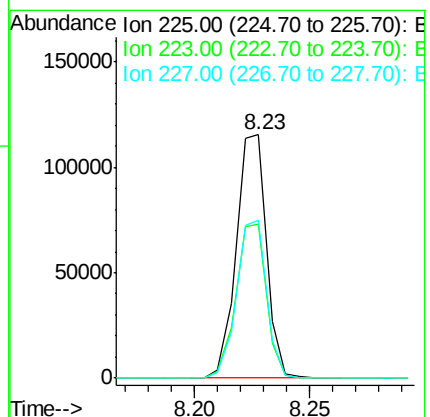
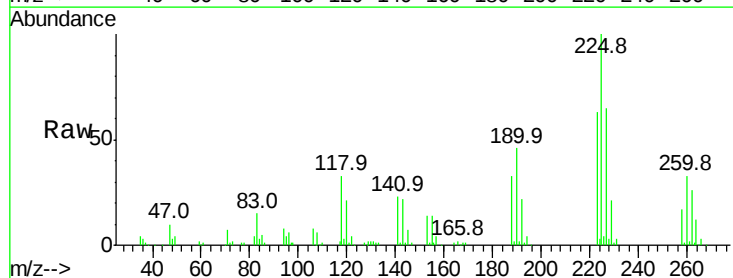
Instrument :
BNA_F
ClientSampleId :

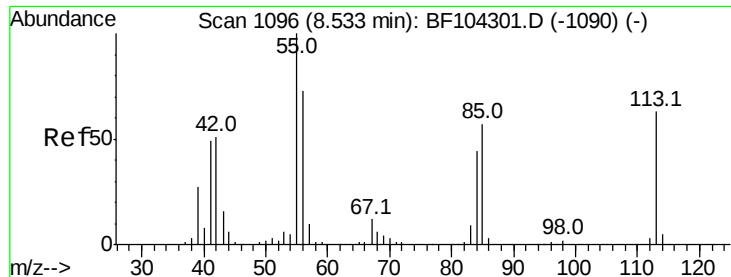
Tot Ion:127 Resp: 75878
Ion Ratio Lower Upper
127 100
129 32.3 25.9 38.9
65 26.7 25.0 37.4
92 18.4 15.2 22.8



#34
Hexachlorobutadiene
Concen: 31.950 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion:225 Resp: 105227
Ion Ratio Lower Upper
225 100
223 63.3 50.6 76.0
227 65.1 51.9 77.9





#35

Caprolactam

Concen: 29.678 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

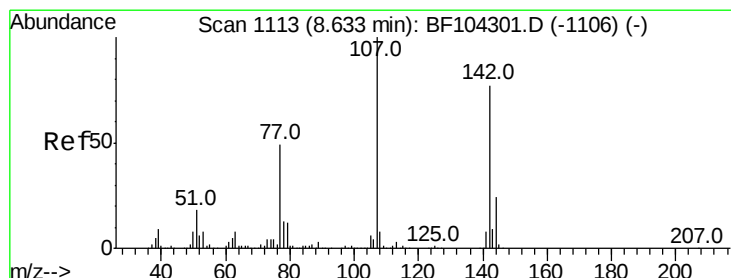
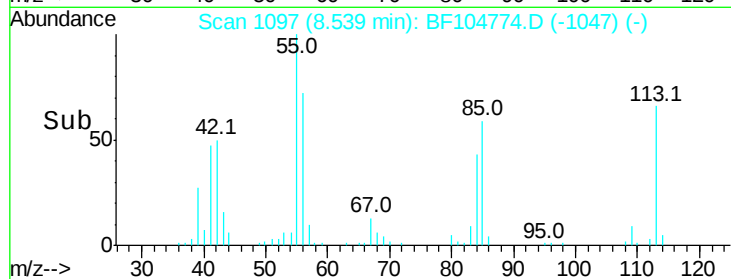
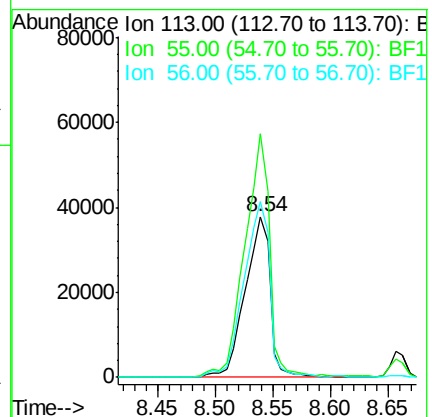
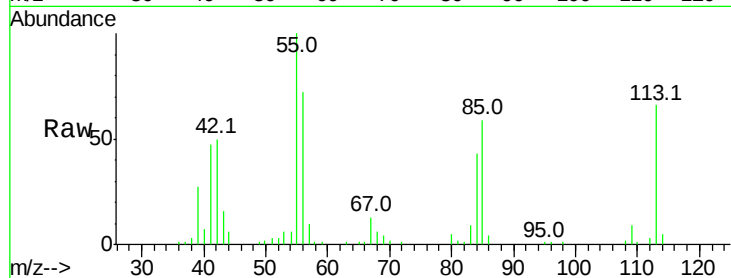
Tot Ion:113 Resp: 56724

Ion Ratio Lower Upper

113 100

55 151.6 163.3 203.3#

56 109.4 115.7 155.7#



#36

4-Chloro-3-methylphenol

Concen: 32.221 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

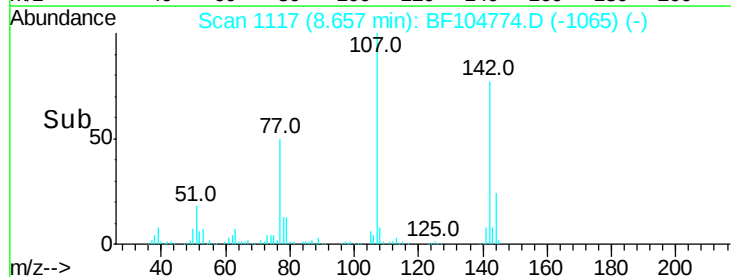
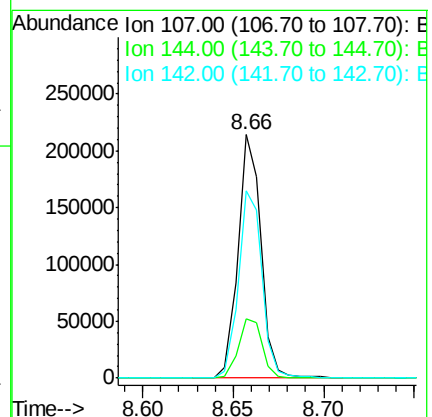
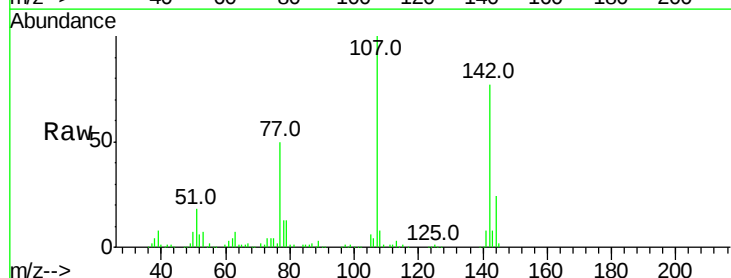
Tgt Ion:107 Resp: 189293

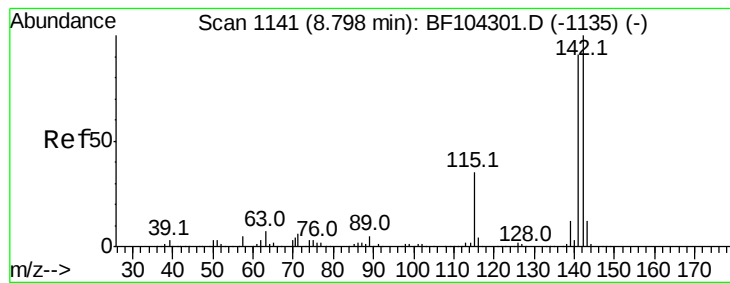
Ion Ratio Lower Upper

107 100

144 24.3 20.5 30.7

142 76.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 31.981 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

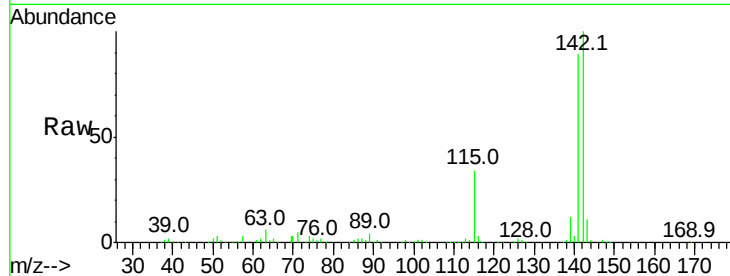
Tot Ion:142 Resp: 413867

Ion Ratio Lower Upper

142 100

141 89.4 70.8 106.2

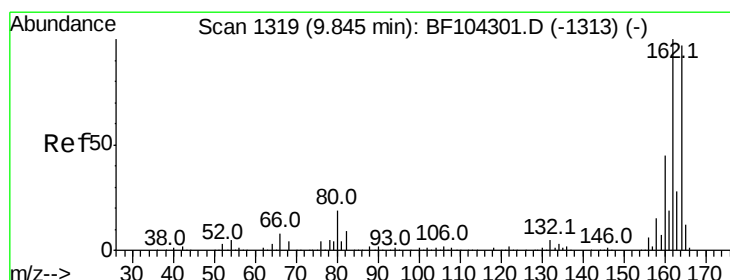
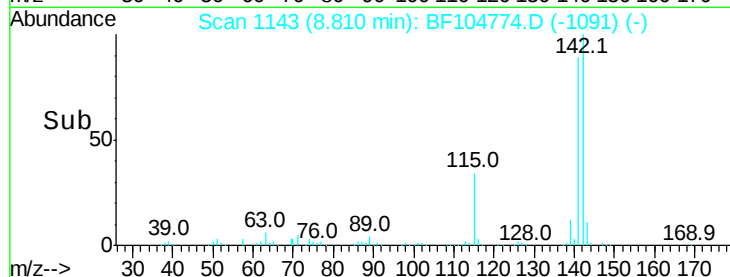
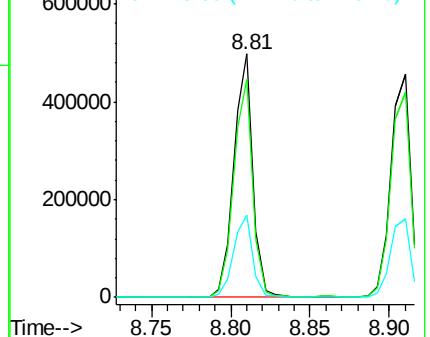
115 34.0 26.1 39.1



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. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

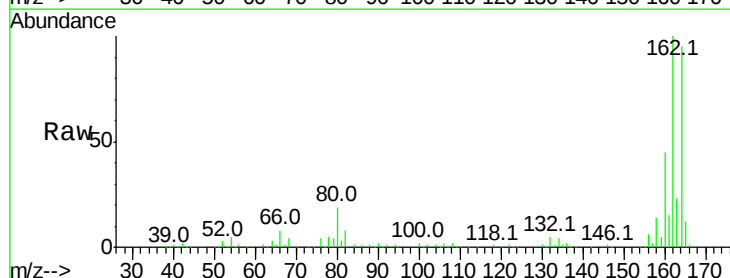
Tgt Ion:164 Resp: 171817

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

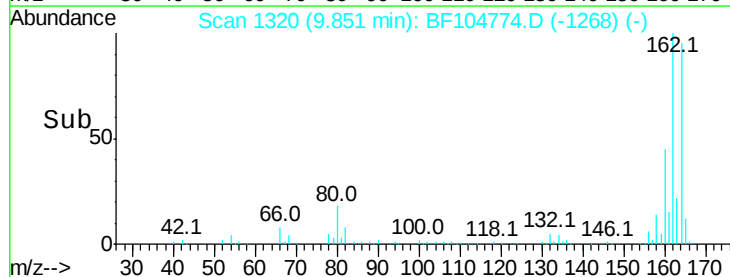
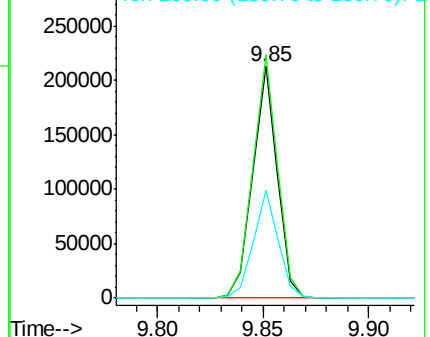
160 46.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

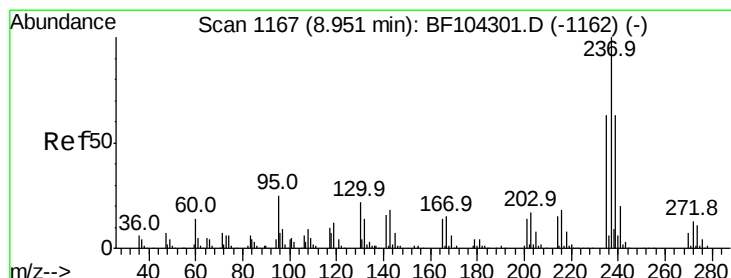
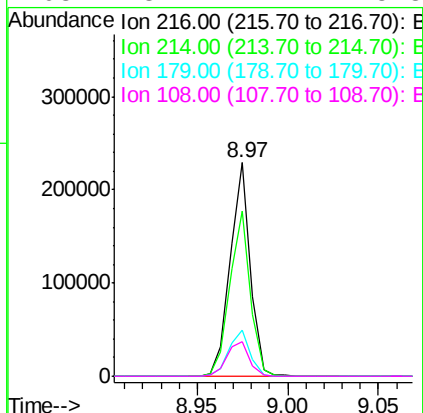
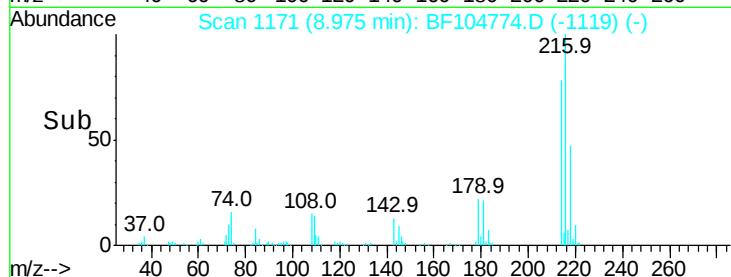
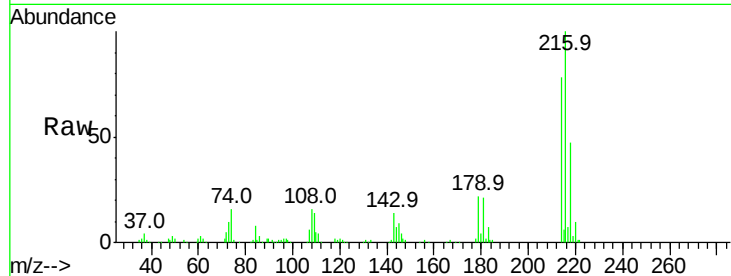




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.237 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

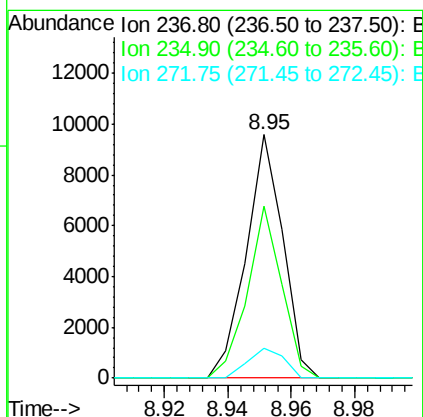
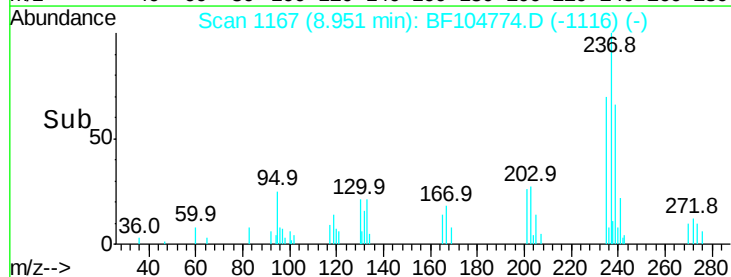
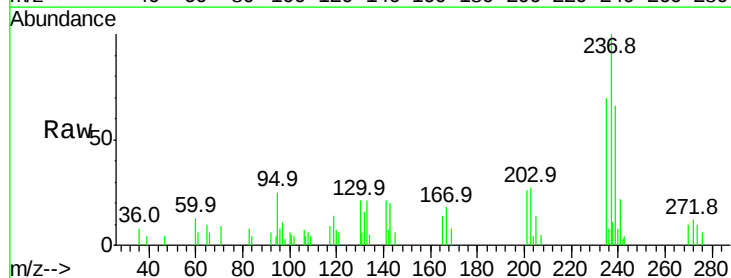
Instrument :
 BNA_F
 ClientSampleId :

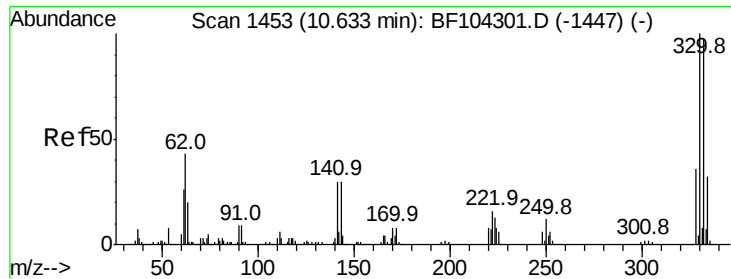
Tot Ion:	216	Resp:	178229
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.6	18.1	27.1
108	18.2	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 2.790 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion:	237	Resp:	7683
Ion	Ratio	Lower	Upper
237	100		
235	70.4	44.8	84.8
272	12.0	0.0	33.3

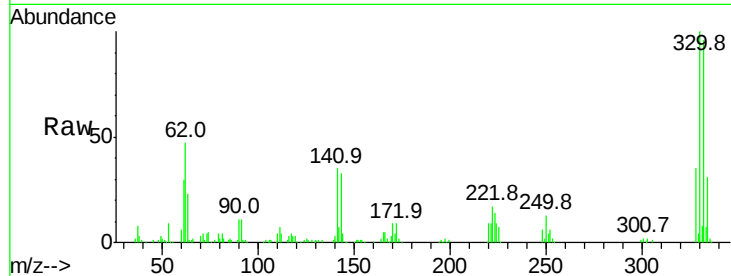




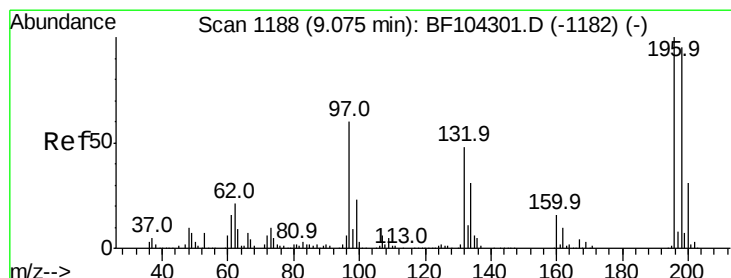
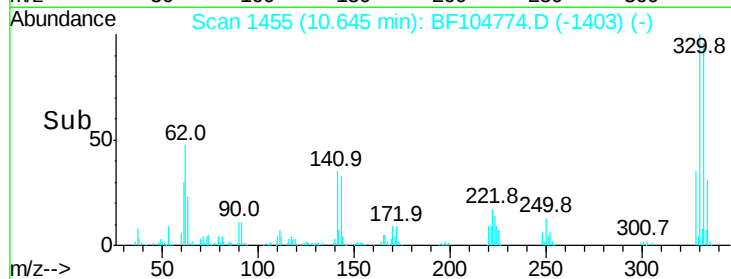
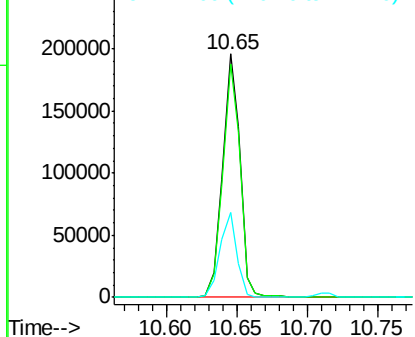
#41
 2,4,6-Tribromophenol
 Concen: 94.273 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 168024
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 34.1 29.9 44.9

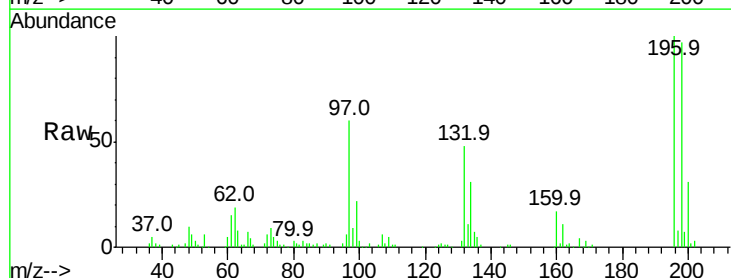


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

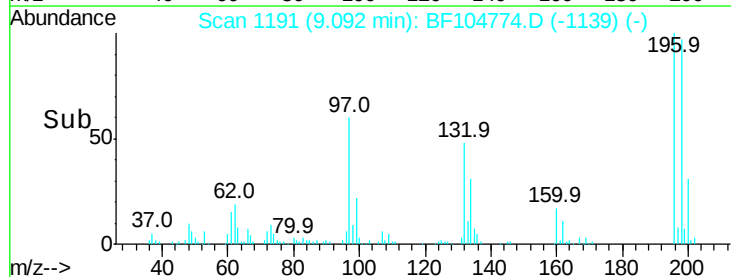
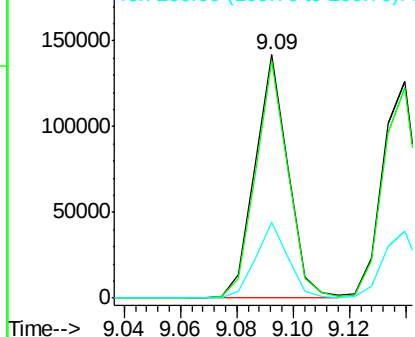


#42
 2,4,6-Trichlorophenol
 Concen: 33.754 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion:196 Resp: 115246
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 200 31.2 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

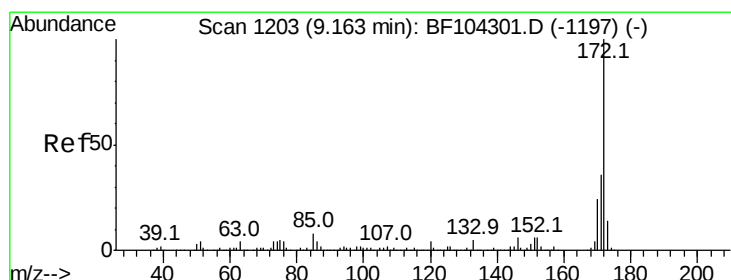
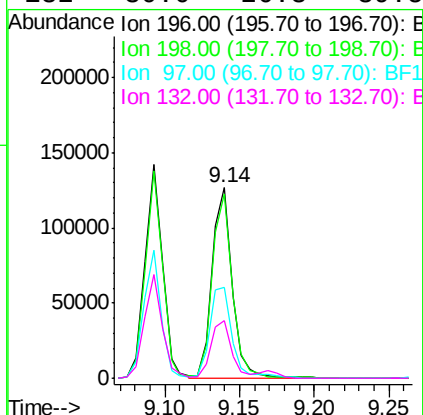
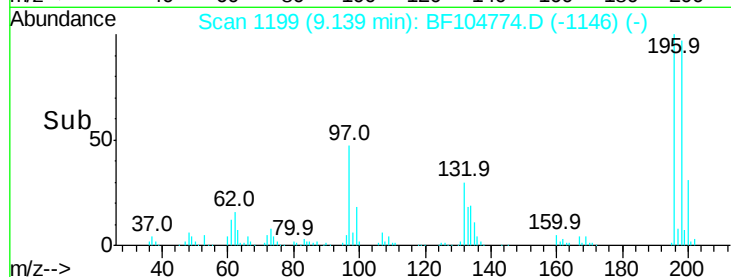
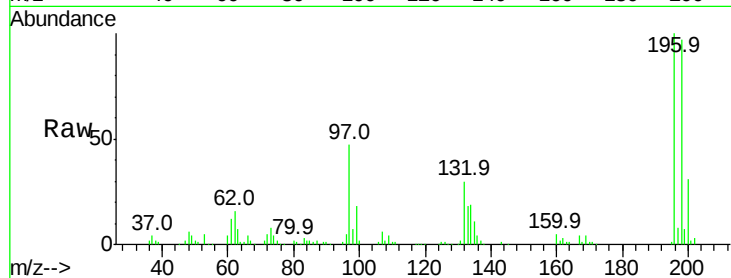




#43
 2,4,5-Trichlorophenol
 Concen: 31.260 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

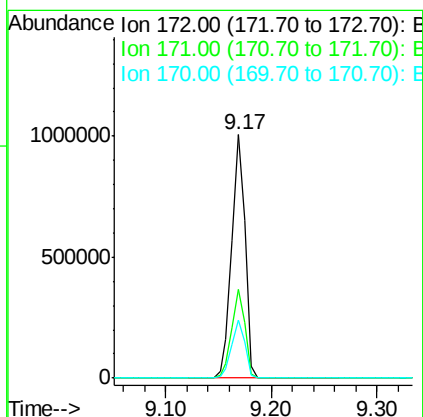
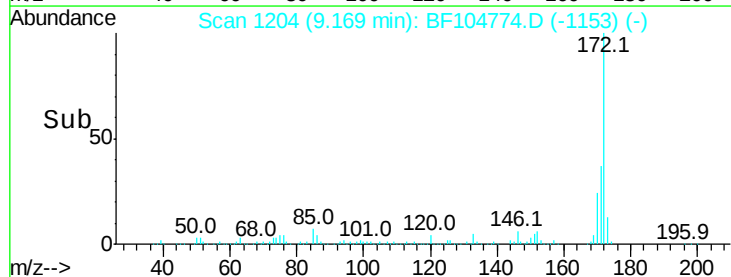
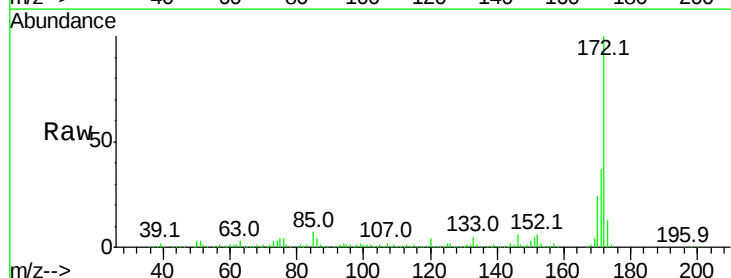
Instrument :
 BNA_F
 ClientSampleId :

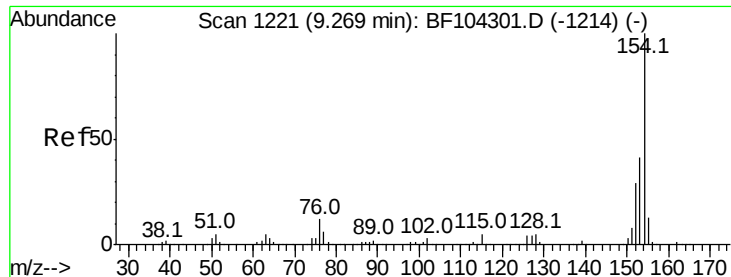
Tot Ion:	196	Resp:	119436
Ion	Ratio	Lower	Upper
196	100		
198	96.9	74.6	112.0
97	47.4	42.9	64.3
132	30.0	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 80.692 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion:	172	Resp:	877628
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	19.6	29.4

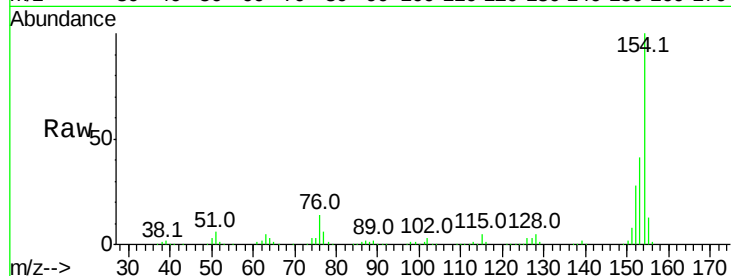




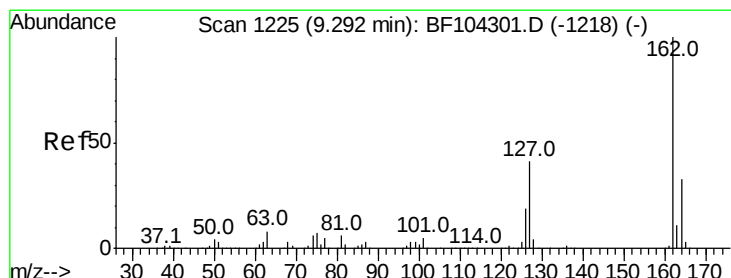
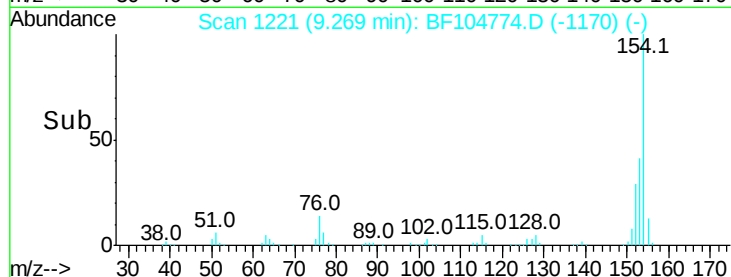
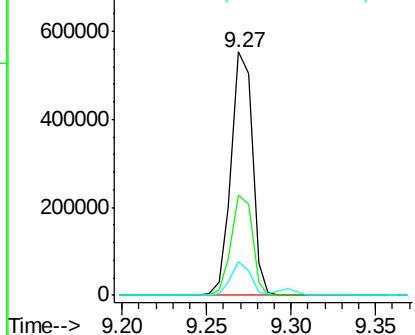
#45
 1,1'-Biphenyl
 Concen: 33.650 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	14.0	0.0	34.0

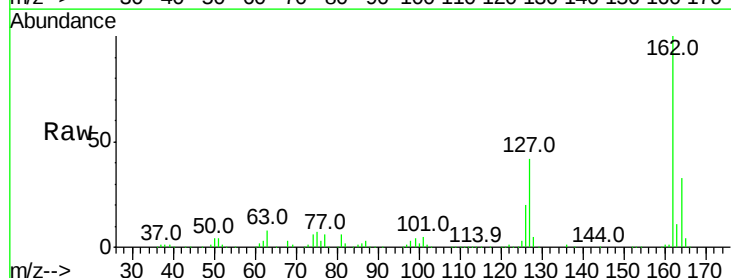


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

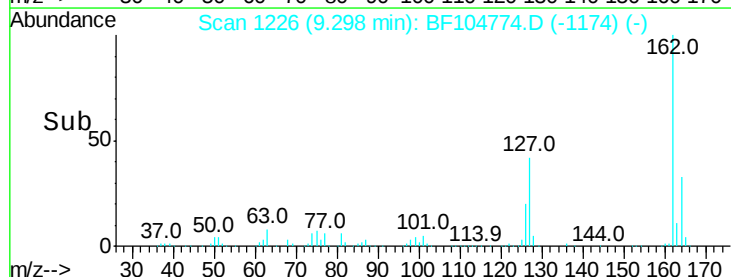
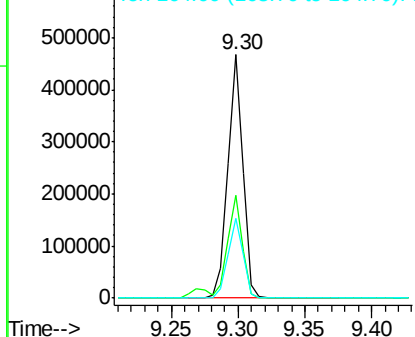


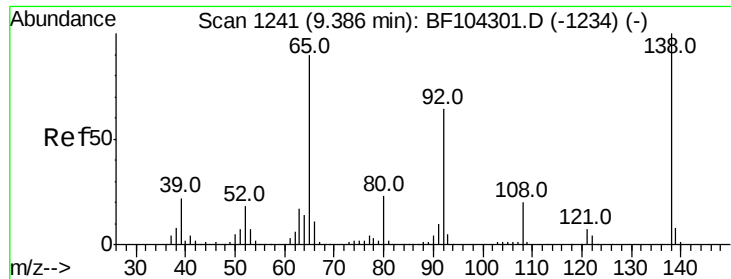
#46
 2-Chloronaphthalene
 Concen: 32.881 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.3	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

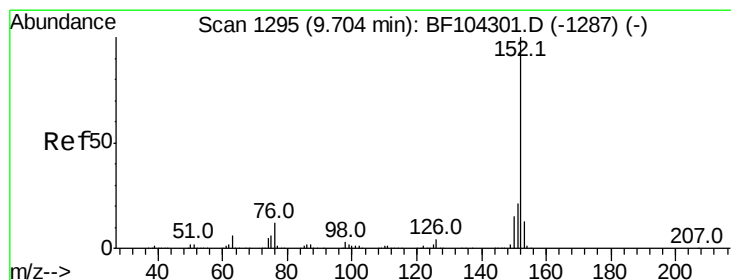
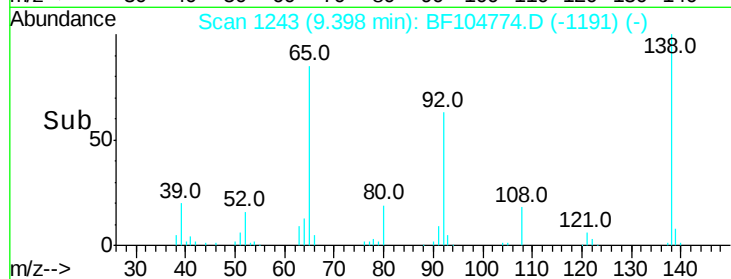
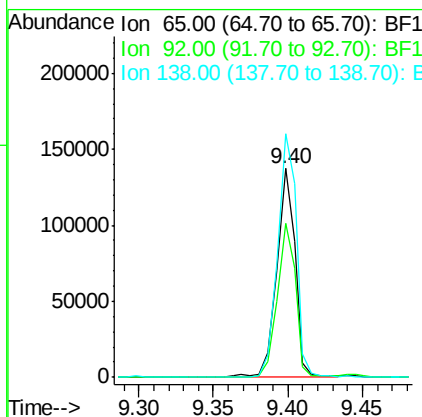
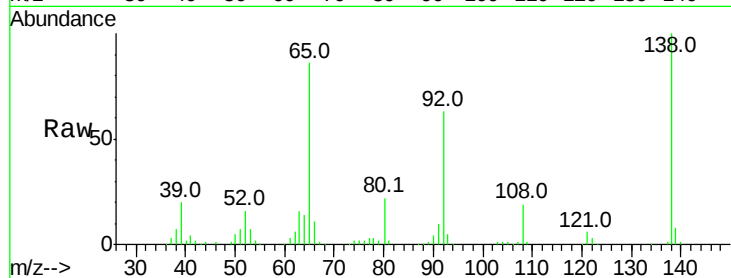




#47
 2-Nitroaniline
 Concen: 42.002 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

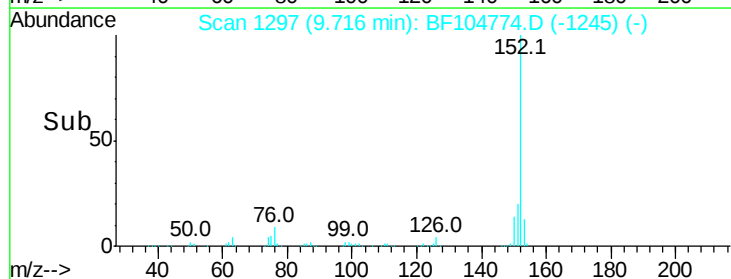
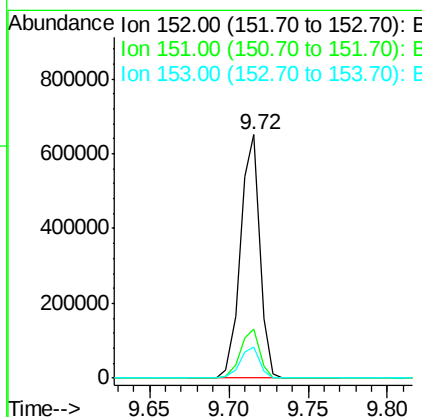
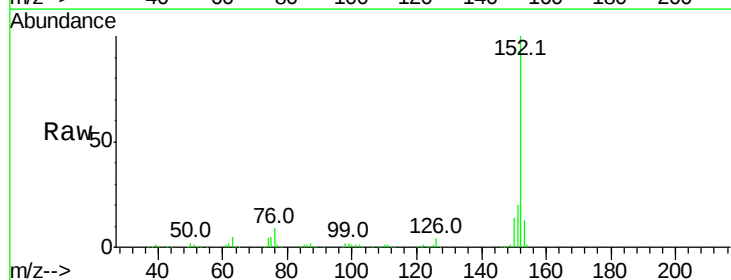
Instrument :
 BNA_F
 ClientSampleId :

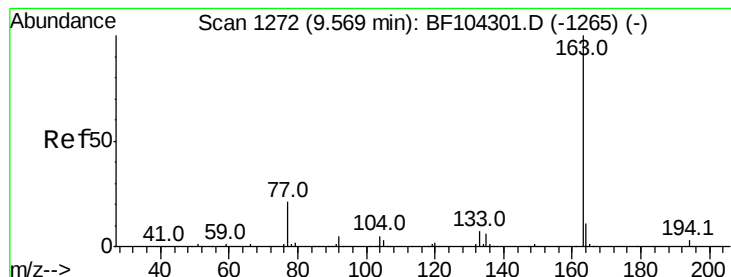
Tot Ion: 65 Resp: 118423
 Ion Ratio Lower Upper
 65 100
 92 74.0 55.8 83.6
 138 116.8 91.2 136.8



#48
 Acenaphthylene
 Concen: 30.714 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion:152 Resp: 549401
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.3 24.5
 153 12.8 10.7 16.1





#49

Dimethylphthalate

Concen: 33.937 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

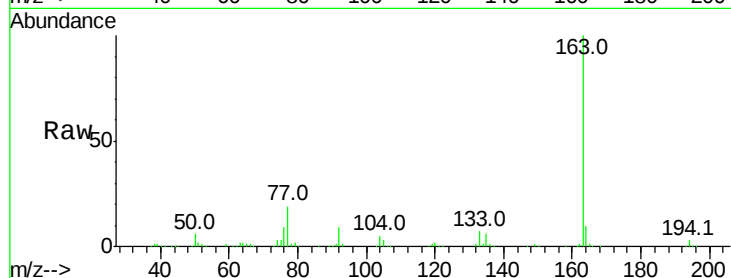
Tot Ion:163 Resp: 459814

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

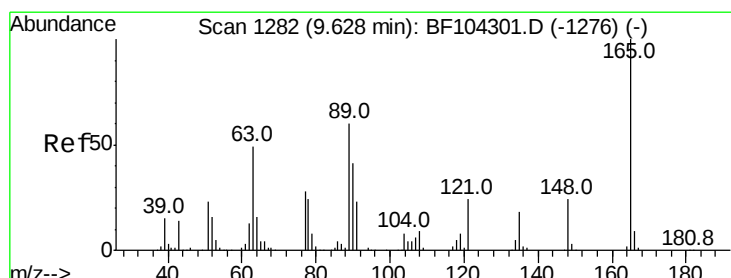
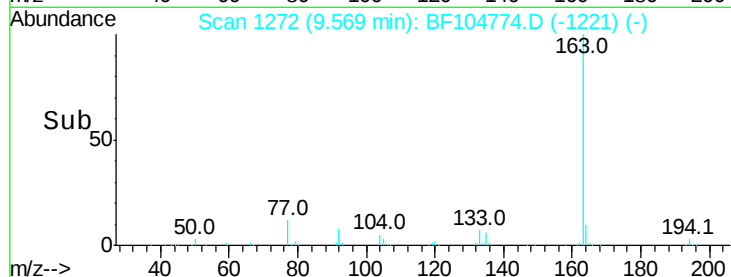
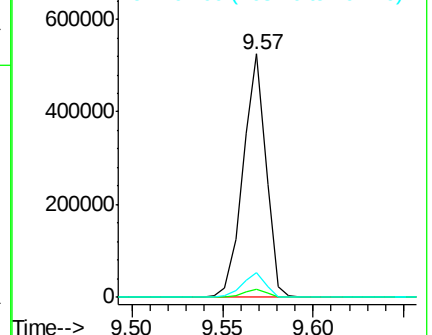
164 10.1 8.2 12.2



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: 32.514 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

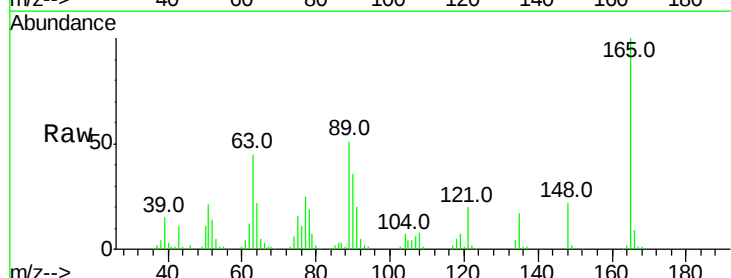
Tgt Ion:165 Resp: 81516

Ion Ratio Lower Upper

165 100

63 45.5 44.7 67.1

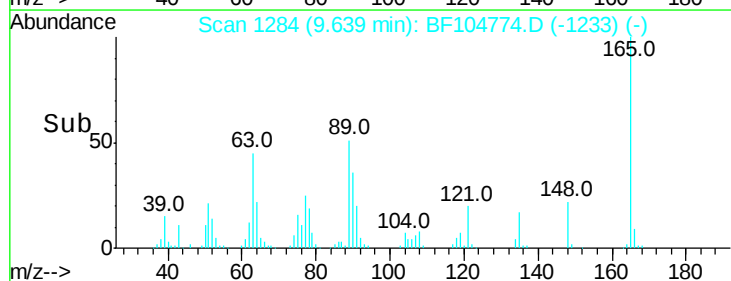
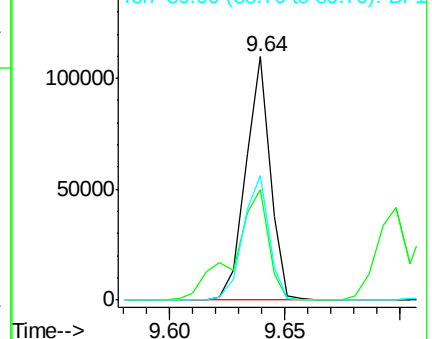
89 51.3 44.0 66.0

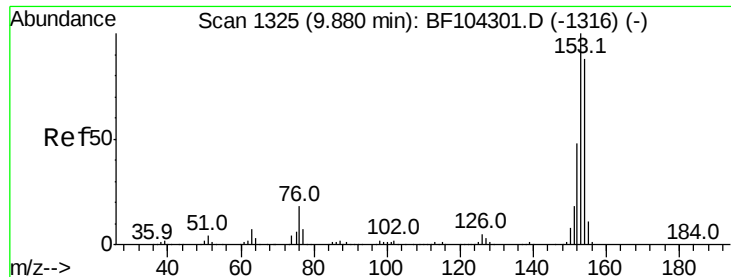


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 29.257 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

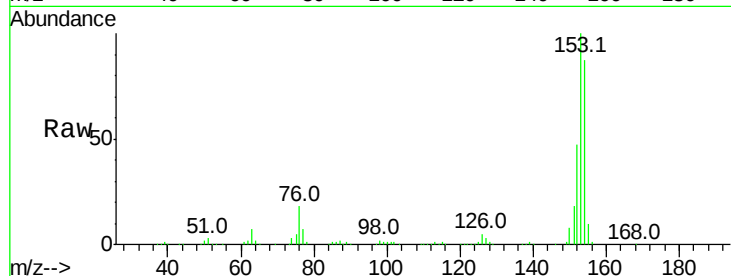
Tot Ion:154 Resp: 319309

Ion Ratio Lower Upper

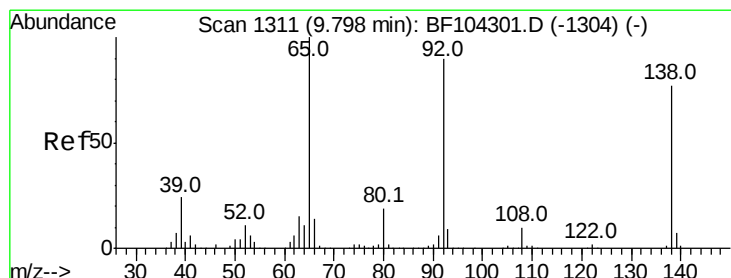
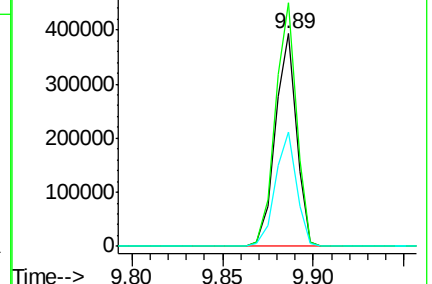
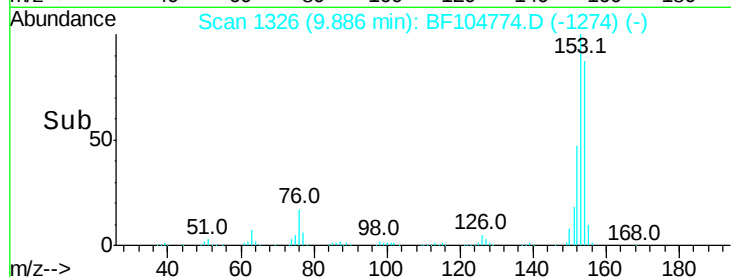
154 100

153 114.6 91.2 136.8

152 53.6 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: 36.895 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

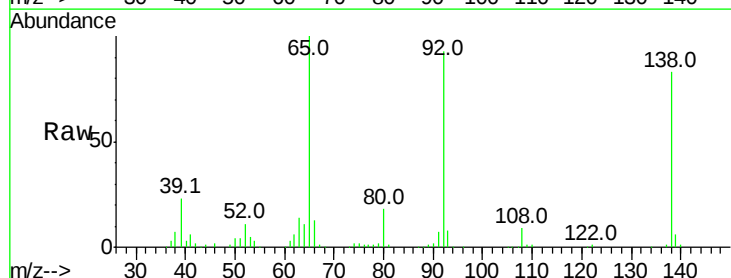
Tgt Ion:138 Resp: 108291

Ion Ratio Lower Upper

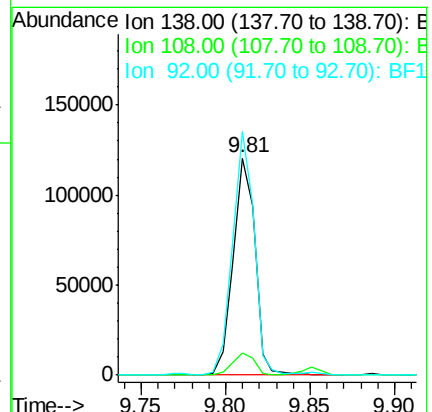
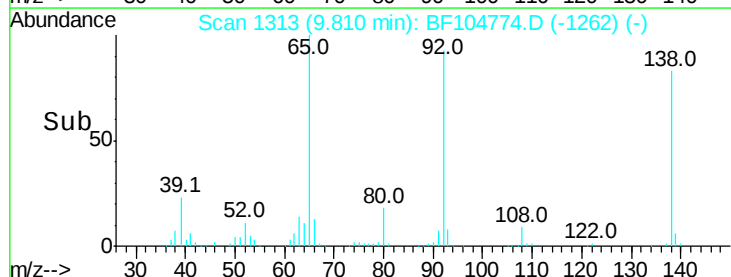
138 100

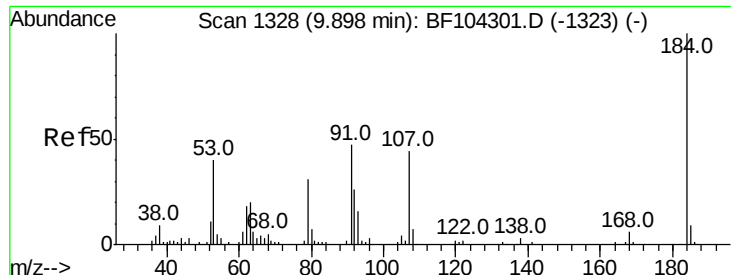
108 10.4 9.4 14.0

92 112.1 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

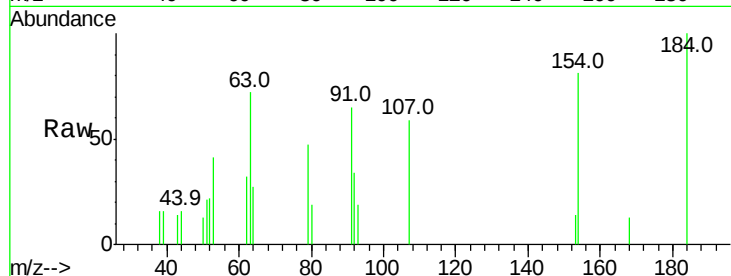




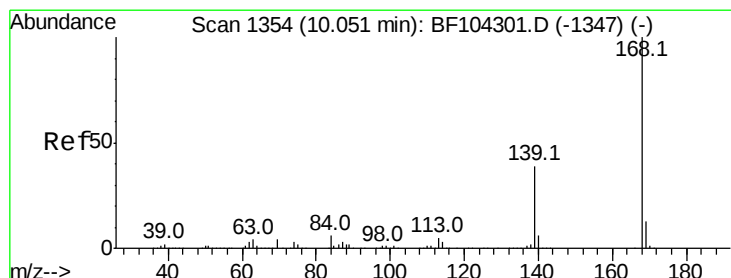
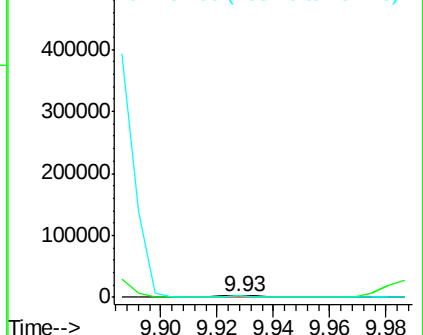
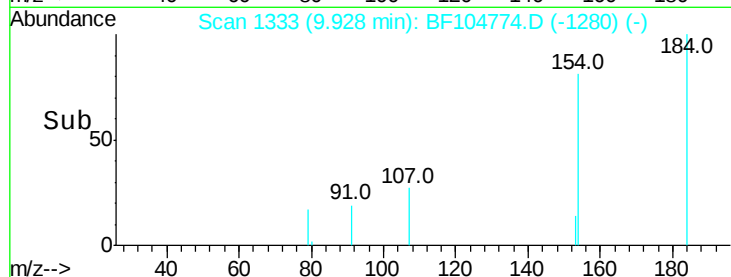
#53
 2,4-Dinitrophenol
 Concen: 9.080 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 2774
 Ion Ratio Lower Upper
 184 100
 63 72.0 54.2 81.2
 154 81.5 184.0 276.0#

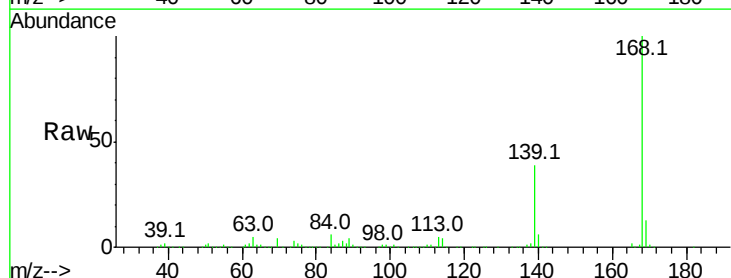


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

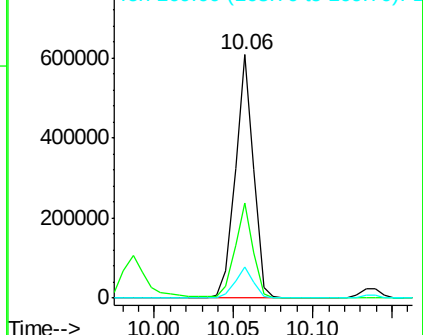
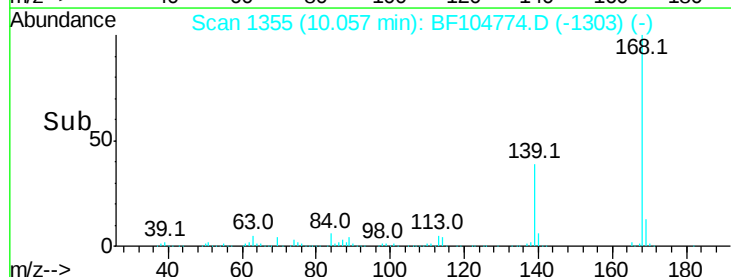


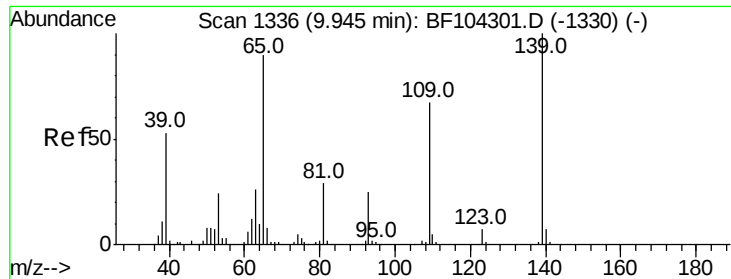
#54
 Dibenzofuran
 Concen: 31.569 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion:168 Resp: 480153
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.1 45.1
 169 13.1 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

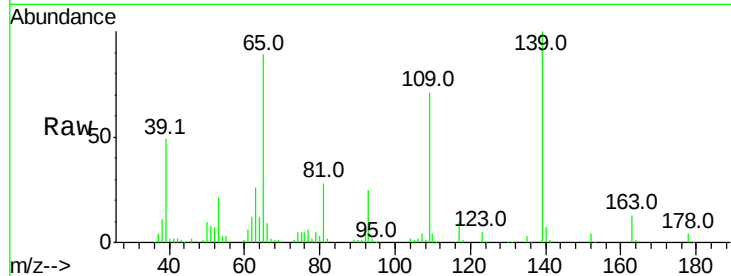




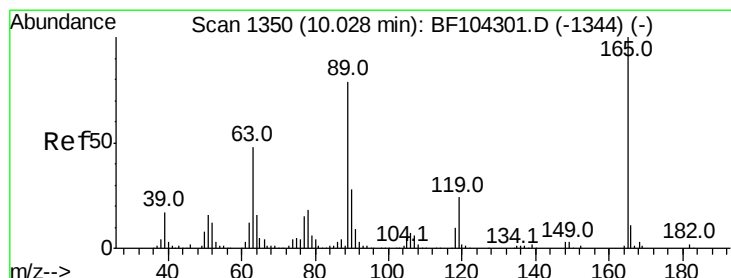
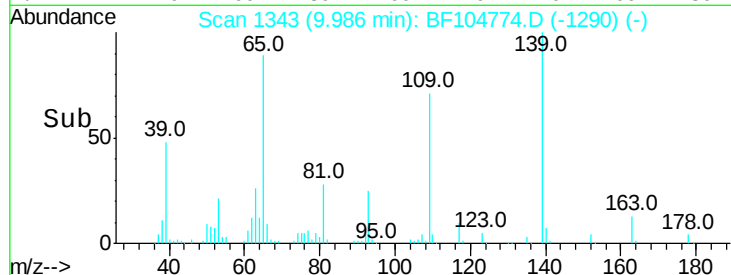
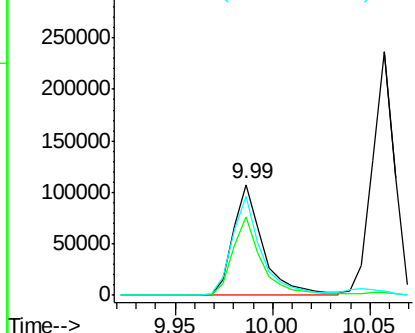
#55
4-Nitrophenol
Concen: 49.711 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 114614
Ion Ratio Lower Upper
139 100
109 70.5 48.4 88.4
65 88.9 72.6 112.6

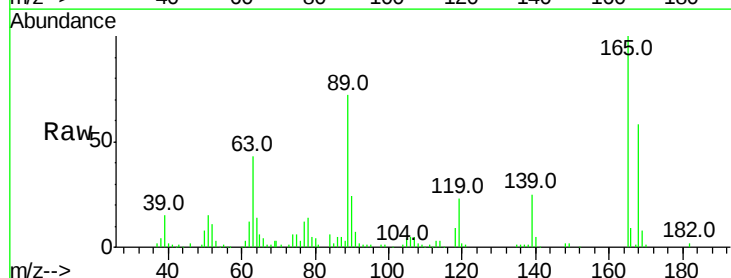


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

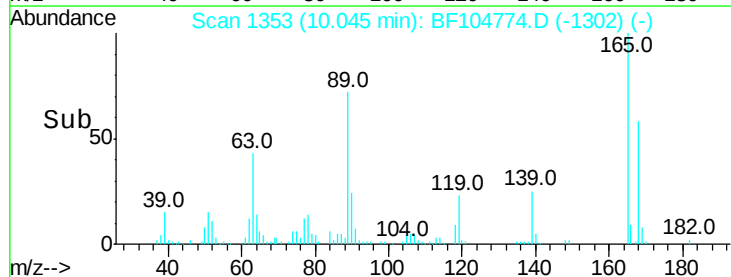
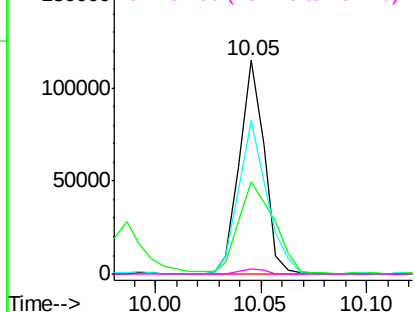


#56
2,4-Dinitrotoluene
Concen: 28.474 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion:165 Resp: 93640
Ion Ratio Lower Upper
165 100
63 43.1 36.4 54.6
89 71.7 57.8 86.6
182 2.3 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: 33.588 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

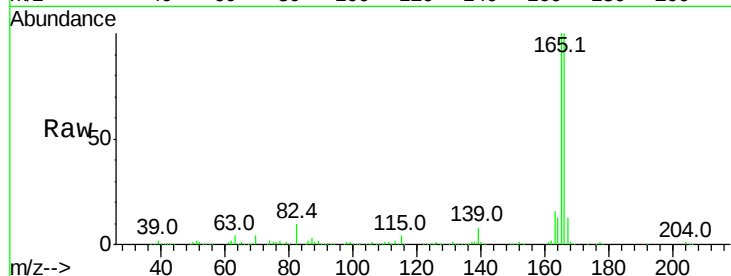
Tot Ion:166 Resp: 371838

Ion Ratio Lower Upper

166 100

165 100.2 79.8 119.8

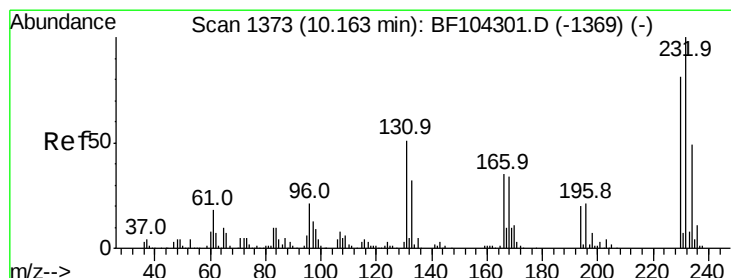
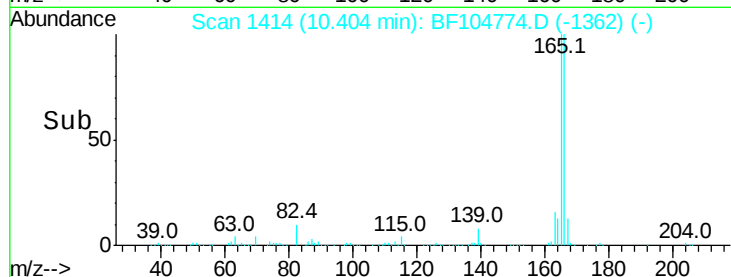
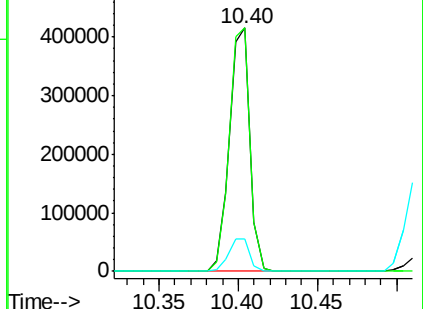
167 13.2 10.6 16.0



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: 30.260 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Tgt Ion:232 Resp: 86254

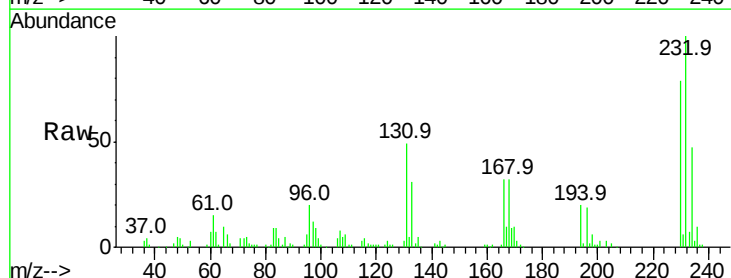
Ion Ratio Lower Upper

232 100

131 49.2 43.8 65.8

130 2.4 2.1 3.1

166 31.5 27.8 41.6

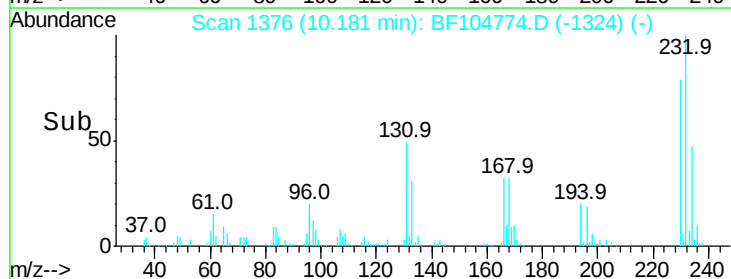
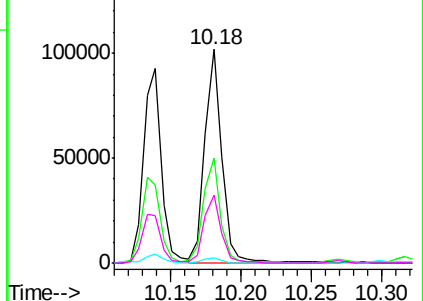


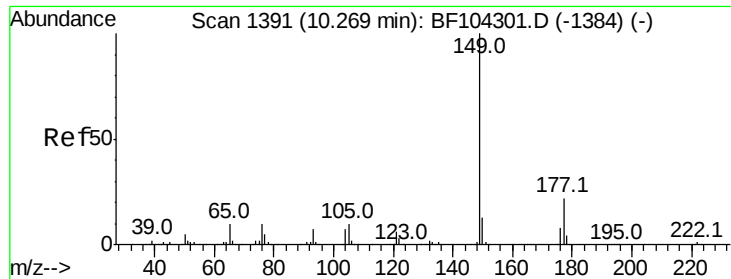
Abundance Ion 232.00 (231.70 to 232.70): E

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

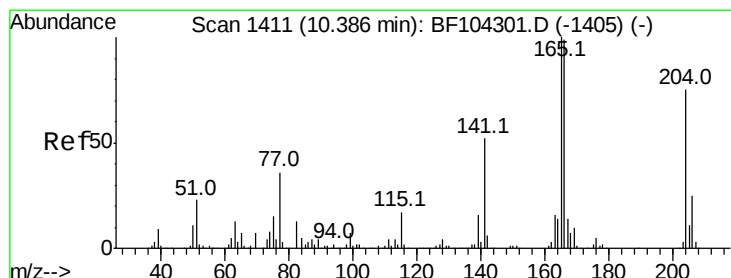
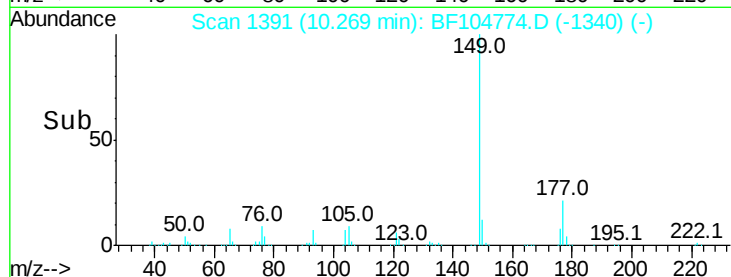
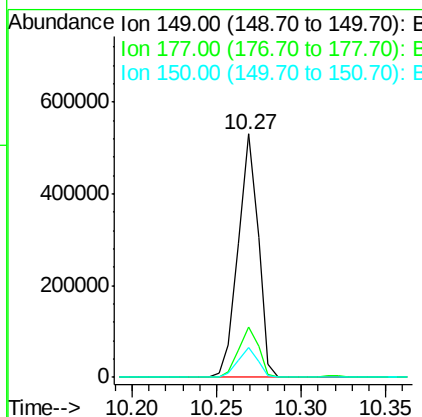
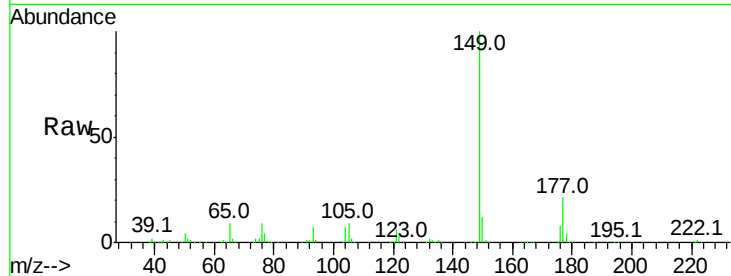




#59
Diethylphthalate
Concen: 32.527 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

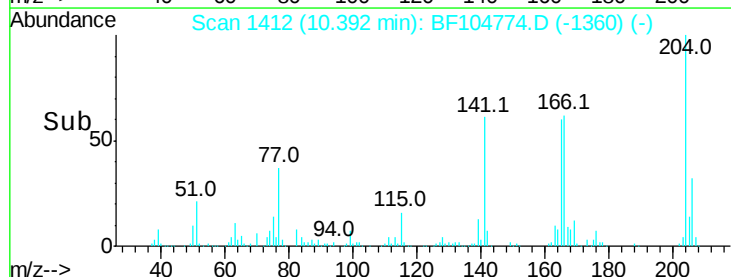
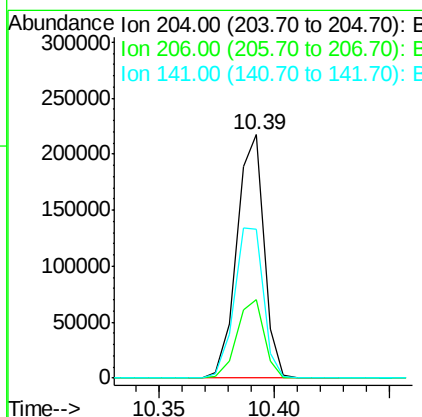
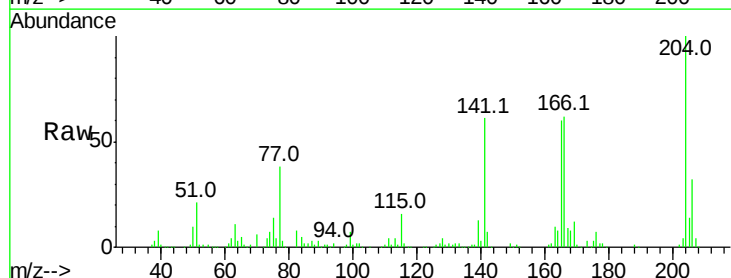
Instrument :
BNA_F
ClientSampleId :

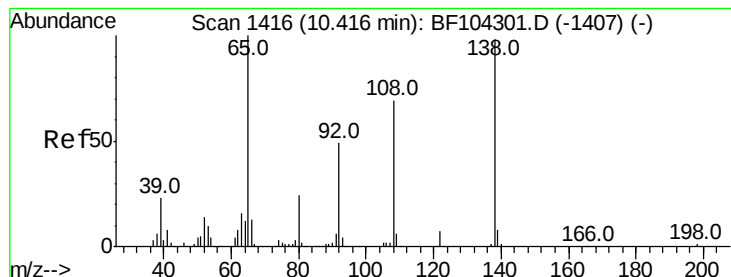
Tot Ion:149 Resp: 438919
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.289 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion:204 Resp: 178914
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 61.3 54.6 81.8





#61

4-Nitroaniline

Concen: 36.026 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampled :

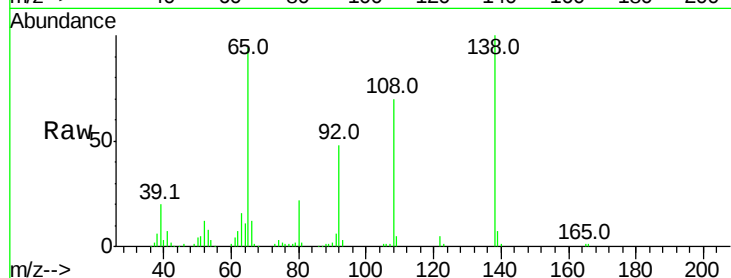
Tot Ion:138 Resp: 103390

Ion Ratio Lower Upper

138 100

92 48.0 30.2 70.2

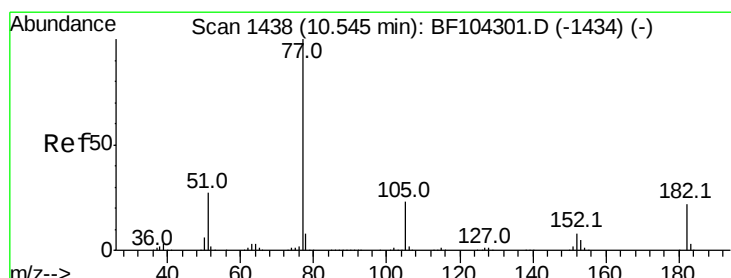
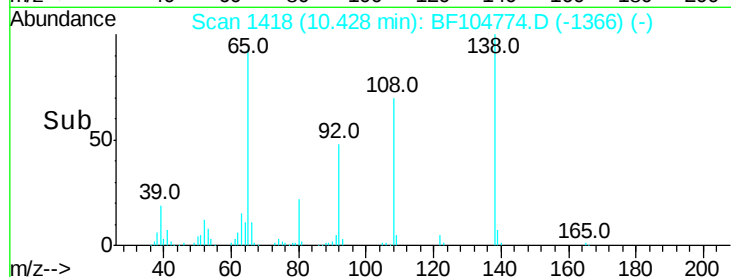
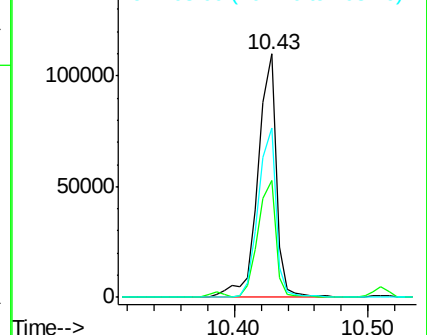
108 69.7 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 28.187 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Tgt Ion: 77 Resp: 363381

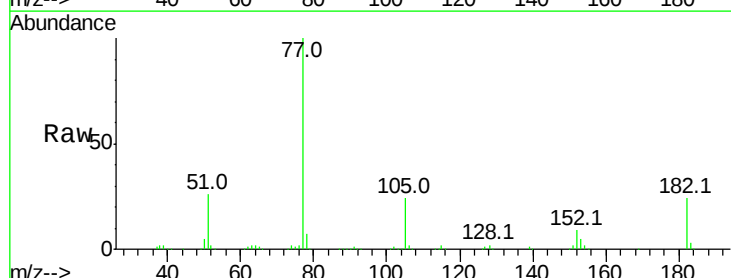
Ion Ratio Lower Upper

77 100

182 24.4 1.7 41.7

105 23.7 3.0 43.0

51 25.6 9.9 49.9

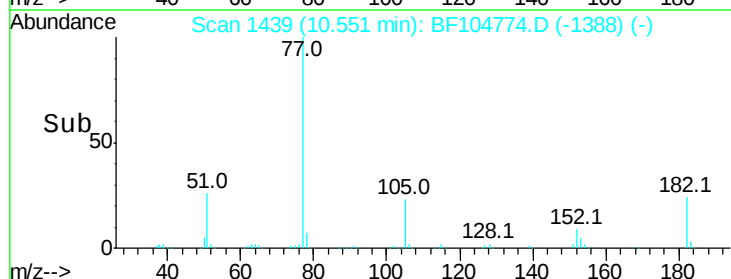
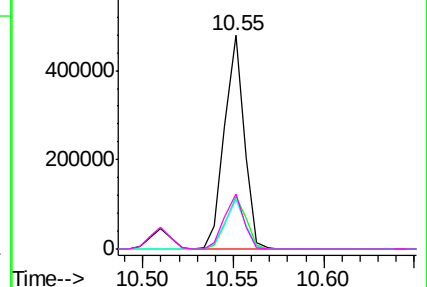


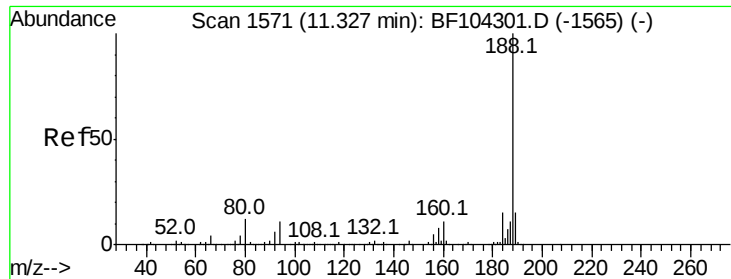
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

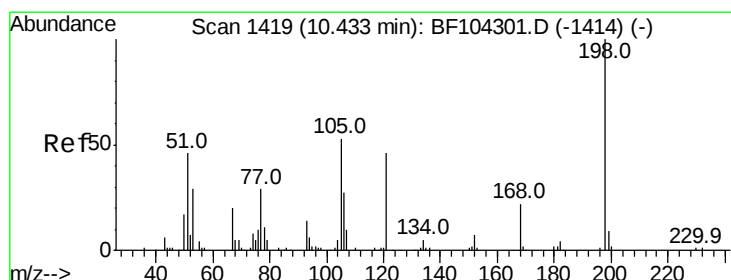
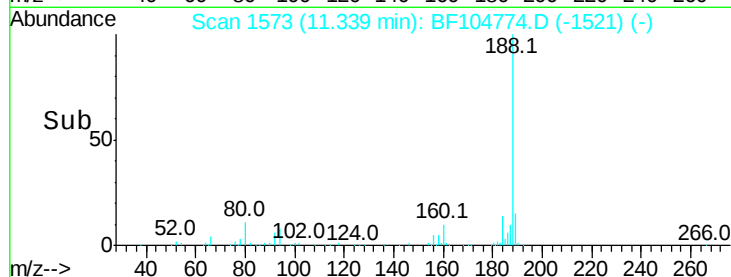
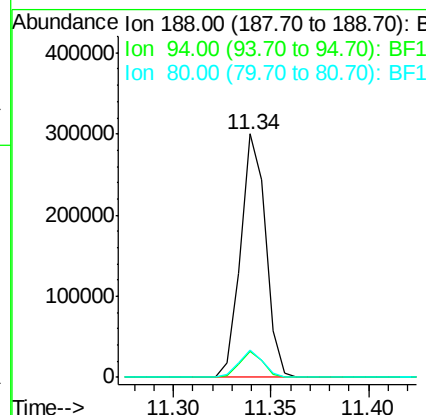
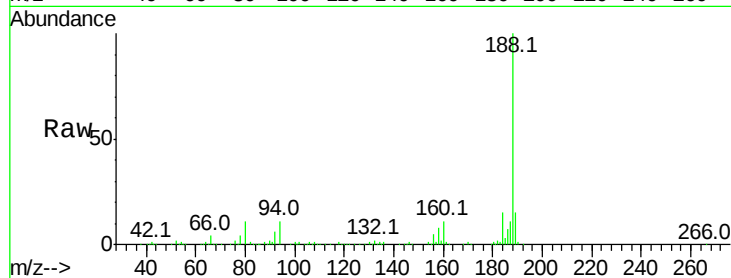




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

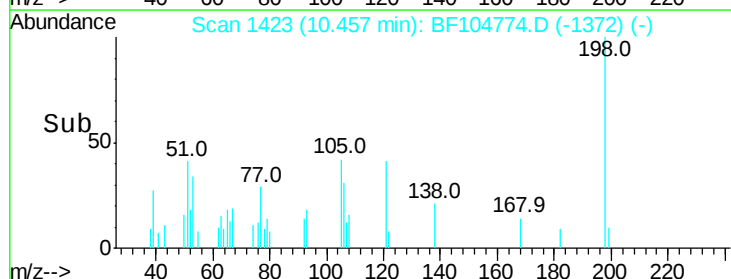
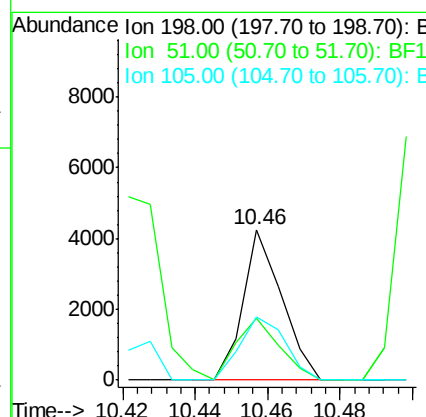
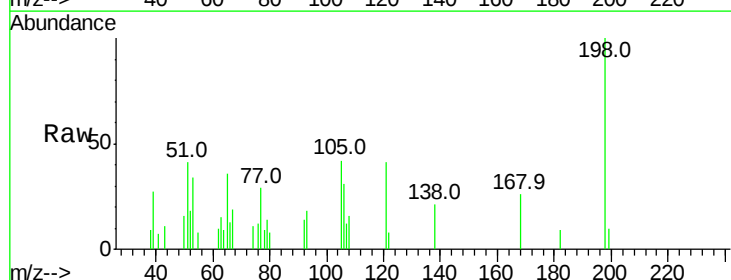
Instrument :
BNA_F
ClientSampleId :

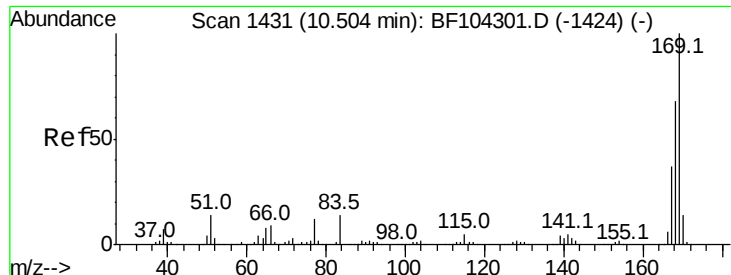
Tot Ion:188 Resp: 267586
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 9.394 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion:198 Resp: 3149
Ion Ratio Lower Upper
198 100
51 40.9 37.7 77.7
105 41.7 36.3 76.3

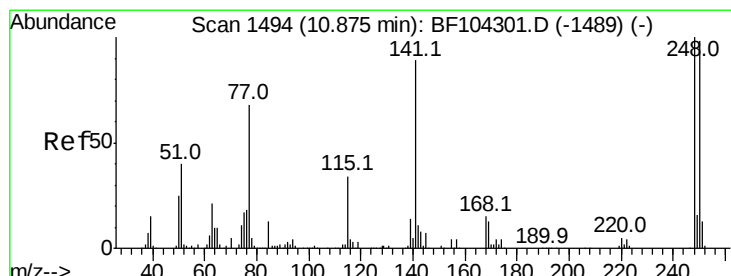
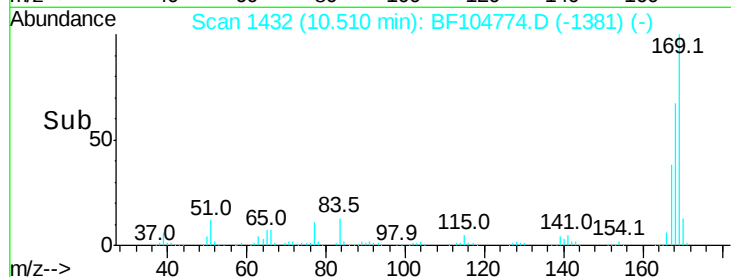
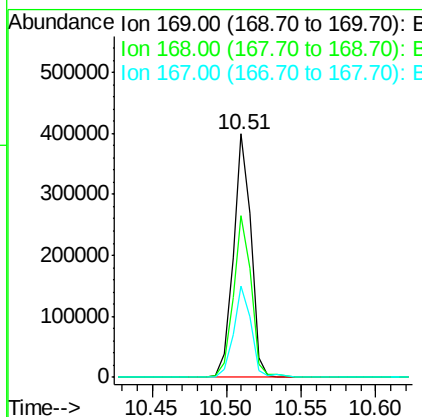
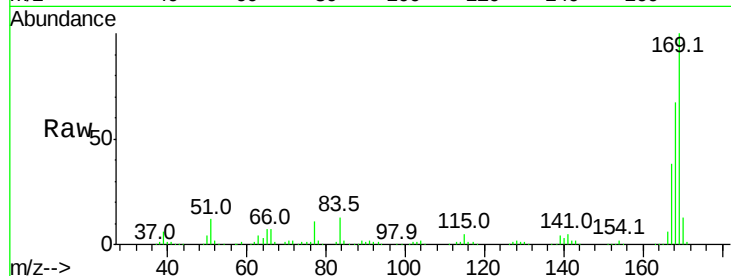




#65
 n-Nitrosodiphenylamine
 Concen: 35.878 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

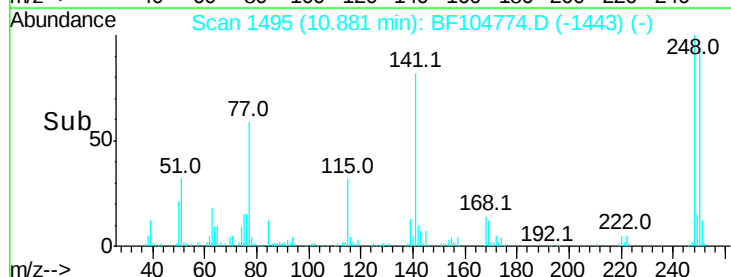
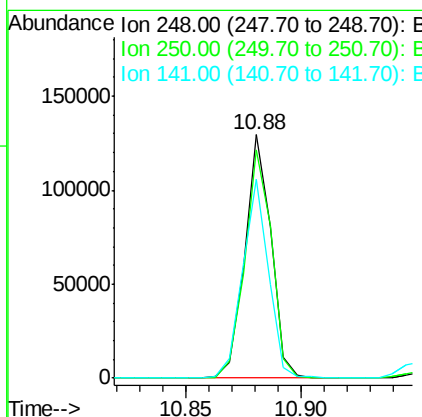
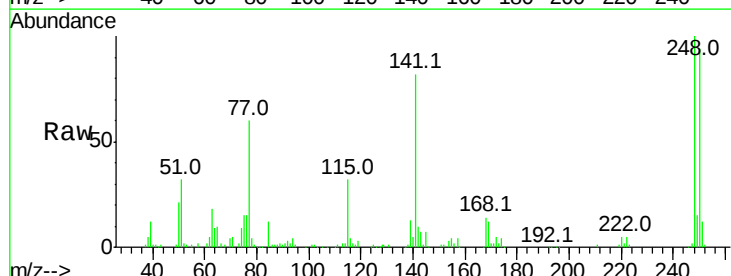
Instrument :
 BNA_F
 ClientSampled :

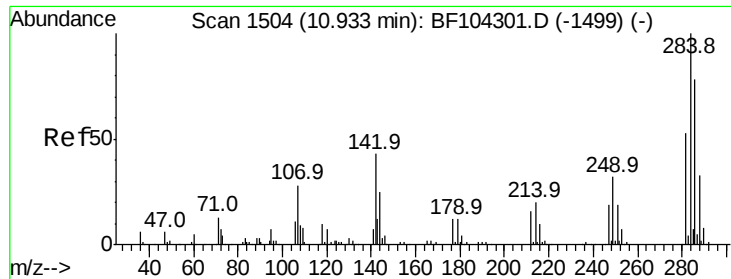
Tot Ion:169 Resp: 332875
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.4 81.6
 167 37.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.161 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion:248 Resp: 102924
 Ion Ratio Lower Upper
 248 100
 250 93.6 76.9 115.3
 141 81.9 74.4 111.6

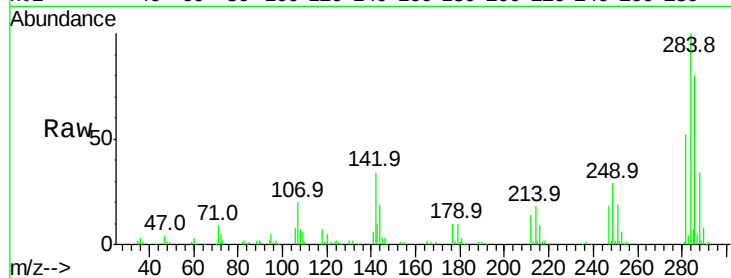




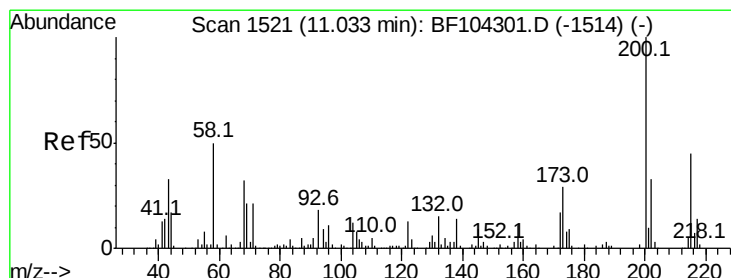
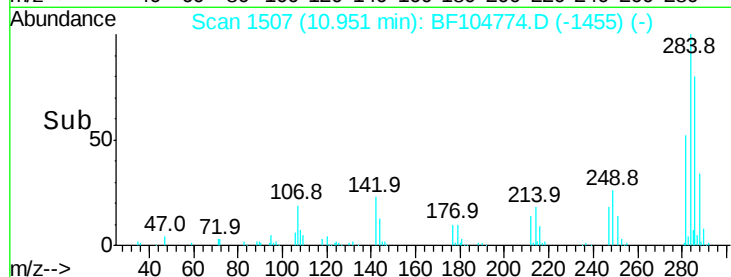
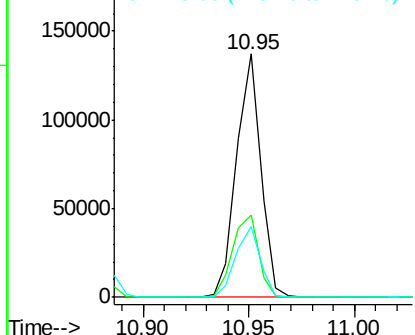
#67
Hexachlorobenzene
Concen: 33.942 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 108705
Ion Ratio Lower Upper
284 100
142 33.6 34.6 52.0#
249 28.8 24.8 37.2

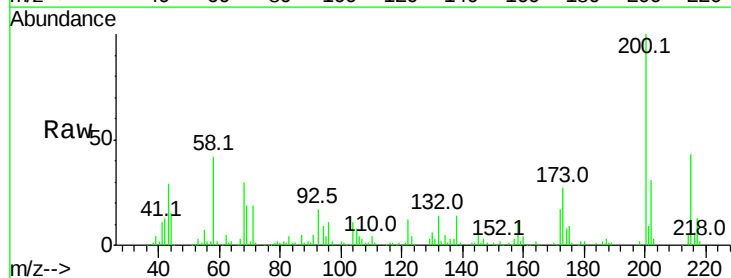


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

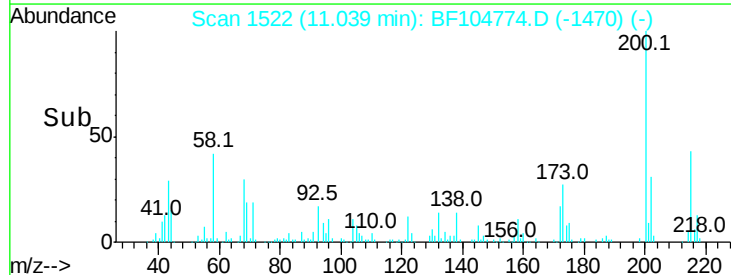
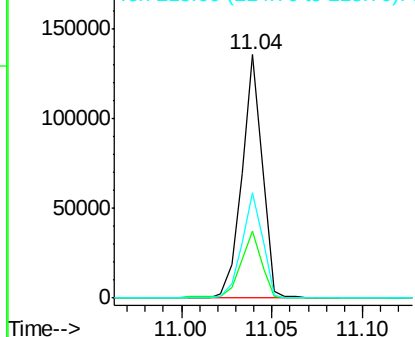


#68
Atrazine
Concen: 37.558 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion:200 Resp: 105181
Ion Ratio Lower Upper
200 100
173 27.5 8.6 48.6
215 43.4 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

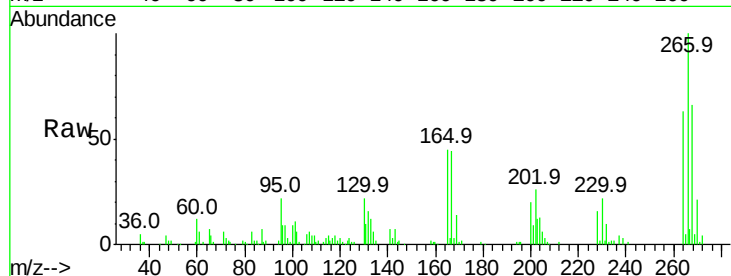




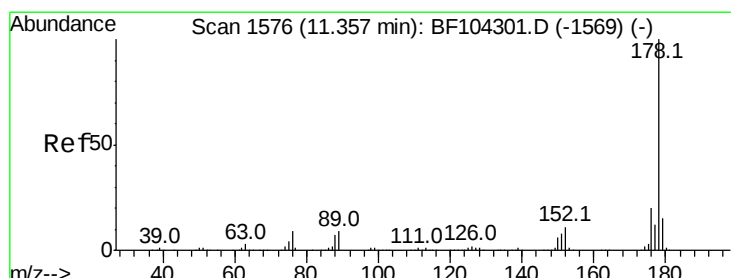
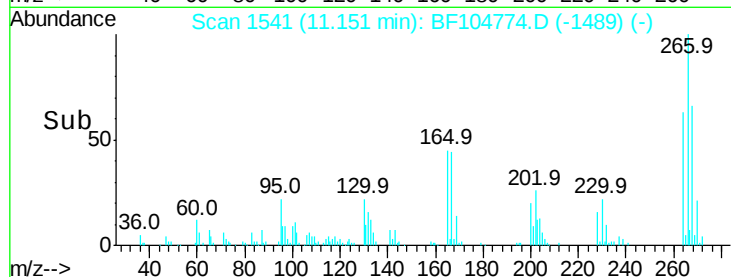
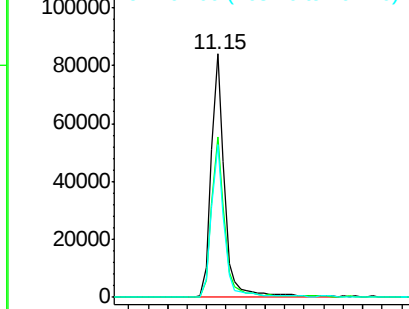
#69
 Pentachlorophenol
 Concen: 40.818 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 80874
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.1 76.7
 264 62.7 49.5 74.3

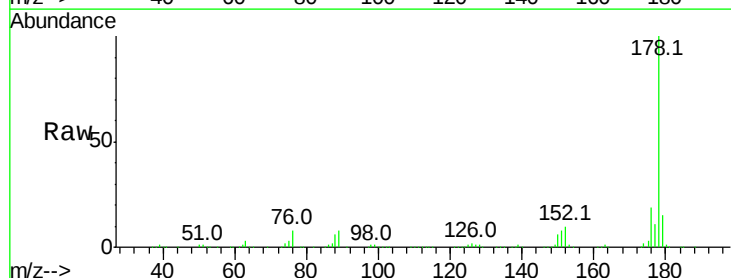


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

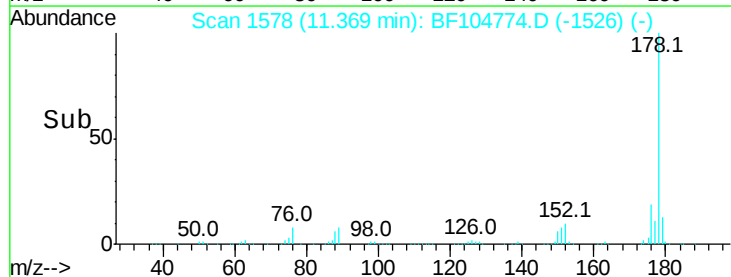
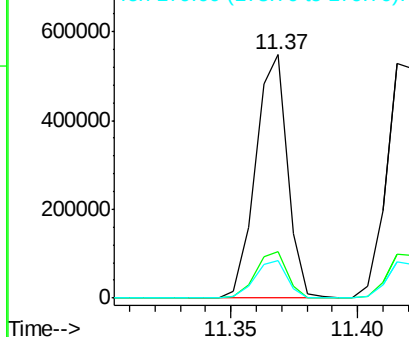


#70
 Phenanthrene
 Concen: 32.362 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion:178 Resp: 482252
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.2 13.0 19.6



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

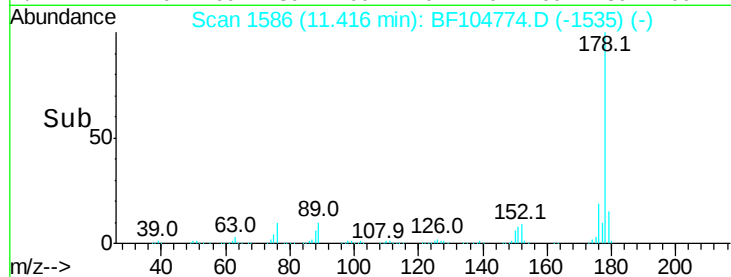
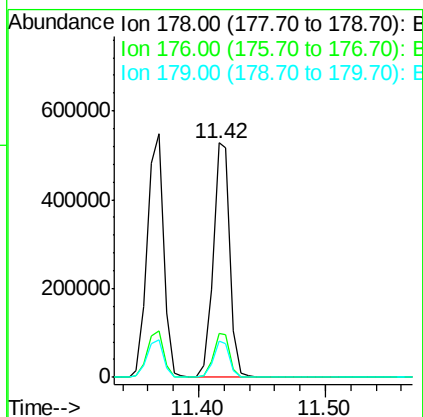
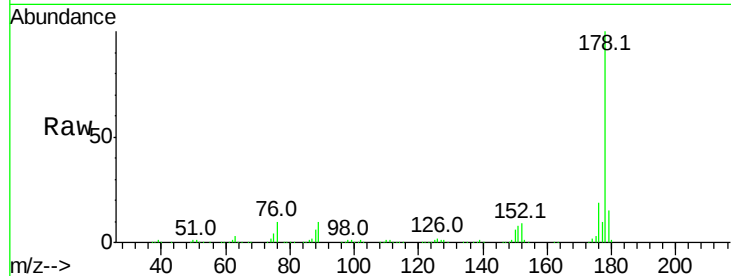




#71
 Anthracene
 Concen: 32.511 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

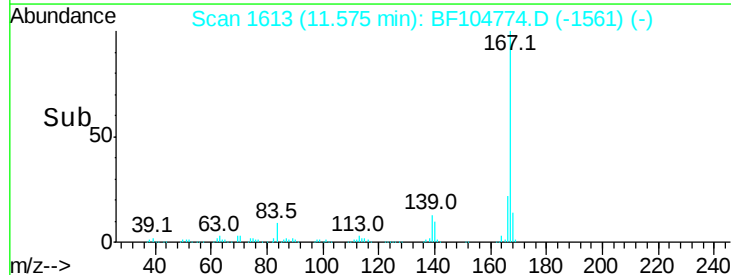
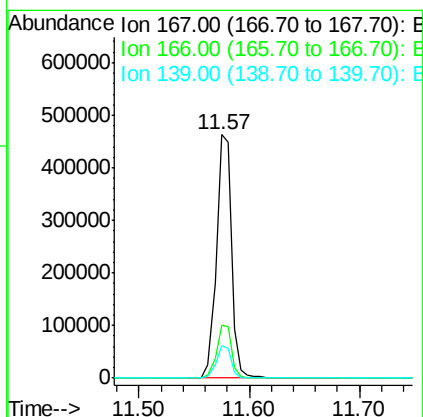
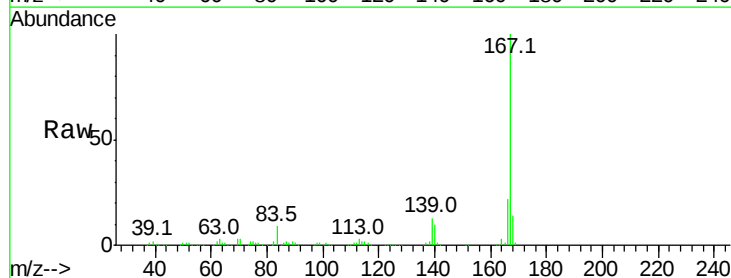
Instrument :
 BNA_F
 ClientSampleId :

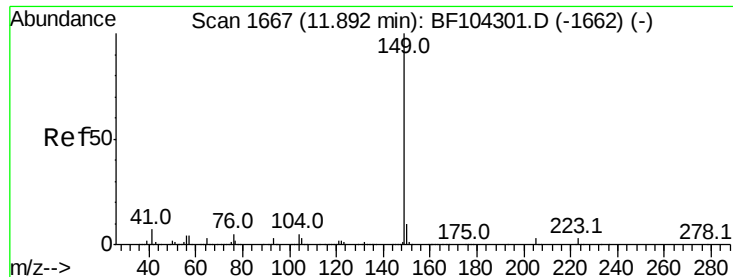
Tot Ion:178 Resp: 492473
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 29.758 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion:167 Resp: 440483
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 33.745 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104774.D

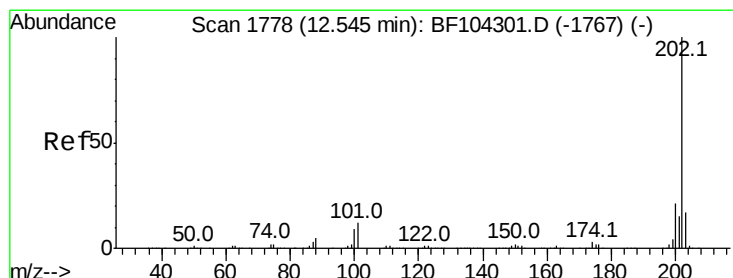
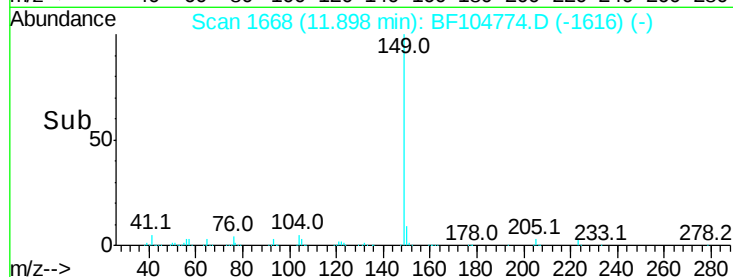
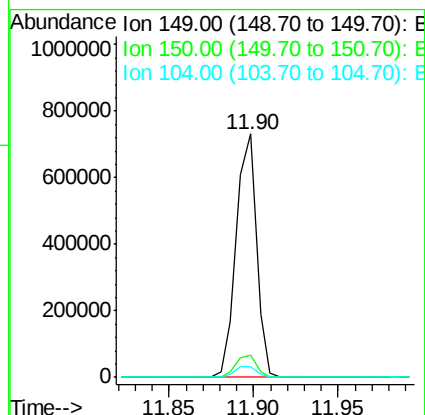
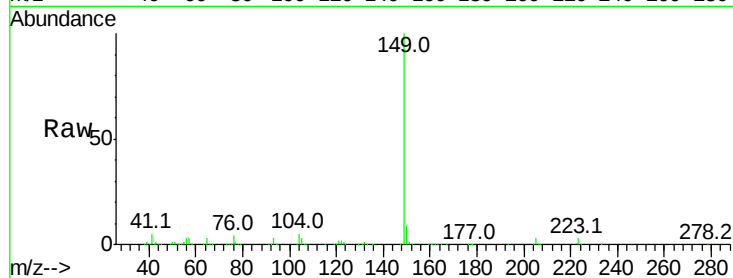
Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:149	Resp:	610167
Ion Ratio	Lower	Upper
149	100	
150	9.0	7.8 11.6
104	4.6	3.8 5.8



#74

Fluoranthene

Concen: 30.031 ng

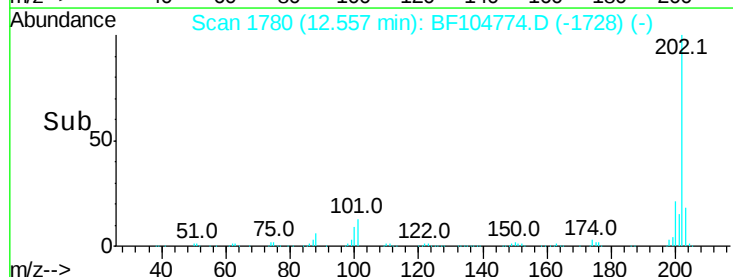
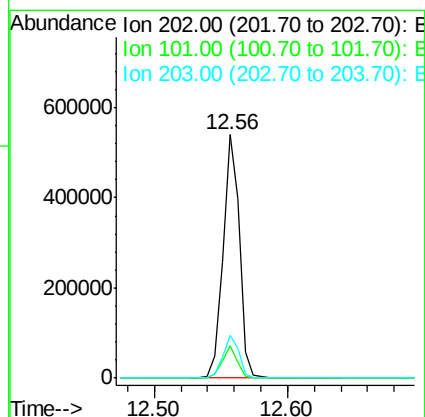
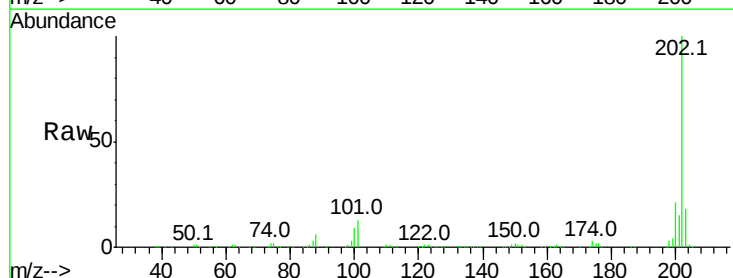
RT: 12.56 min Scan# 1780

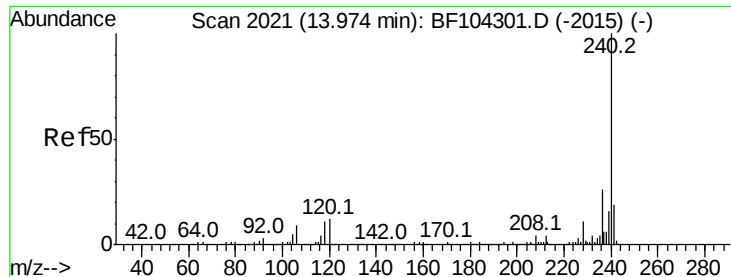
Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Tgt Ion:202	Resp:	467564
Ion Ratio	Lower	Upper
202	100	
101	13.1	0.0 34.1
203	17.5	0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

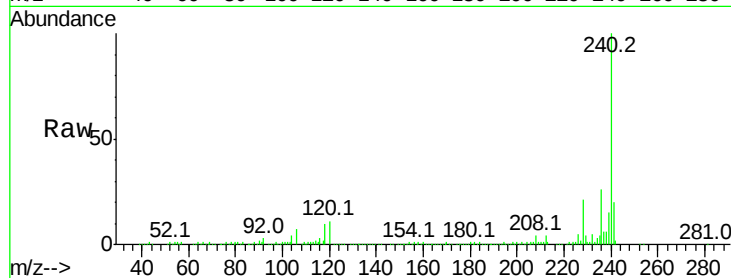
Tot Ion:240 Resp: 189587

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

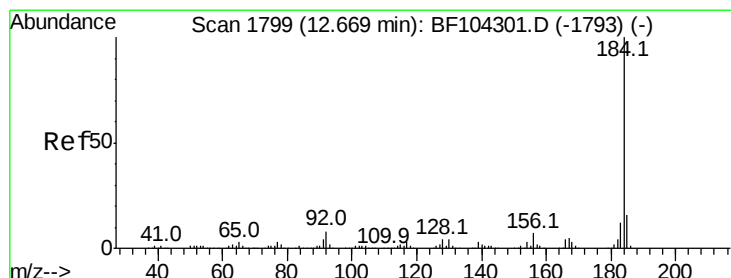
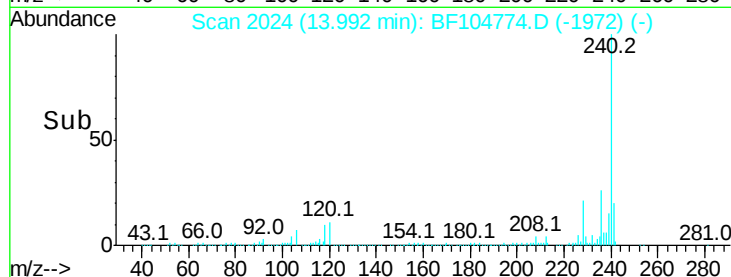
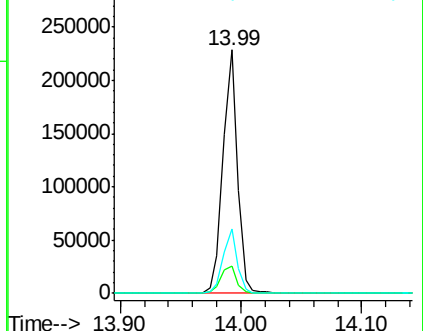
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 60.005 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

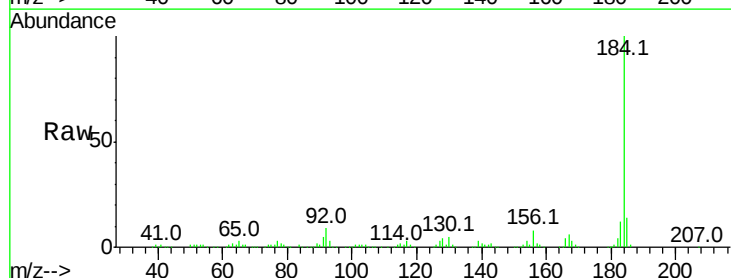
Tgt Ion:184 Resp: 337524

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

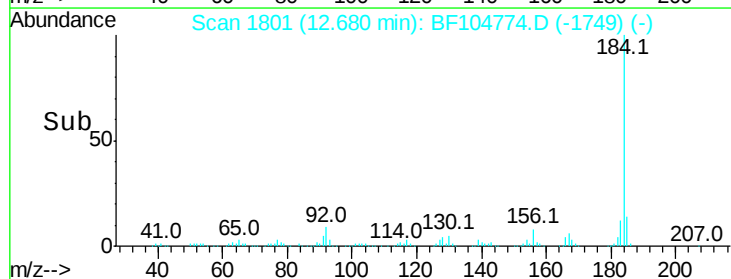
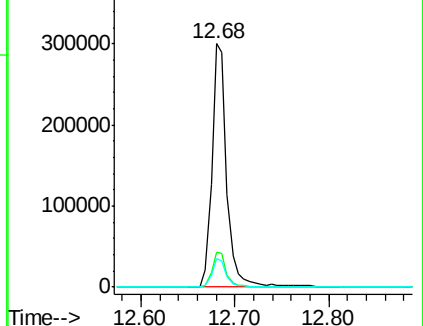
183 11.6 9.3 13.9

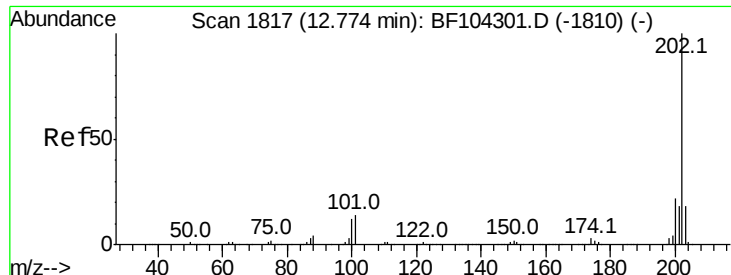


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

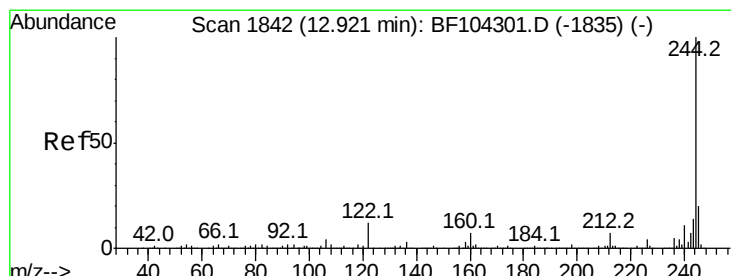
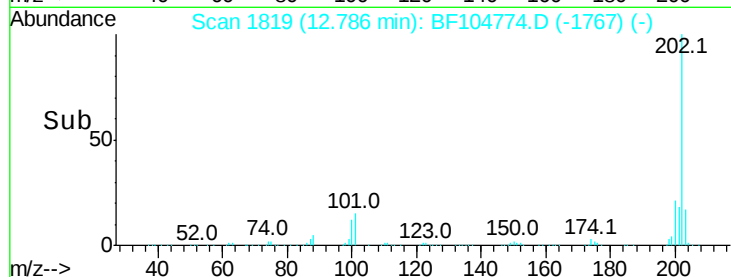
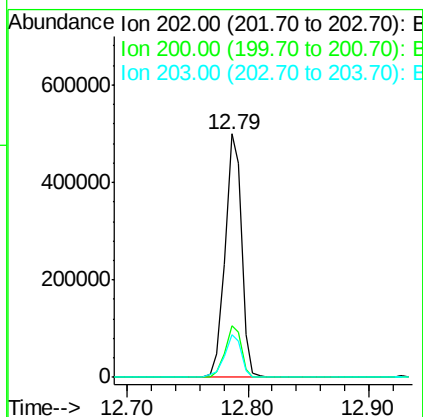
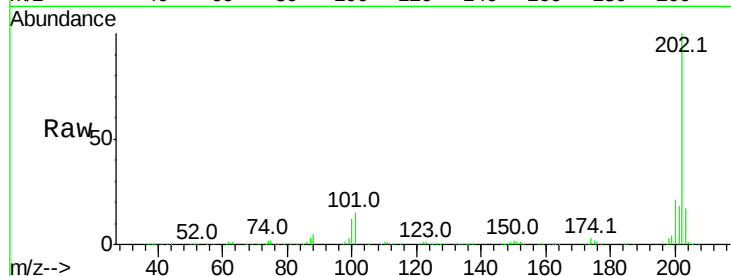




#77
Pvrene
Concen: 33.472 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

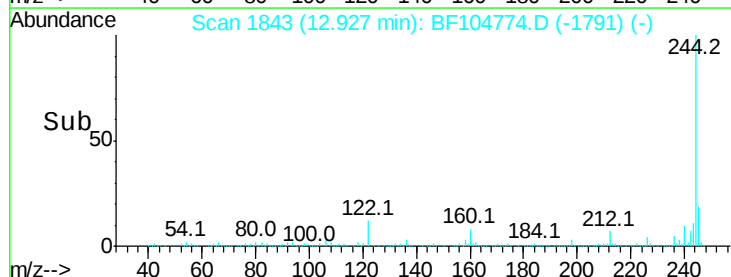
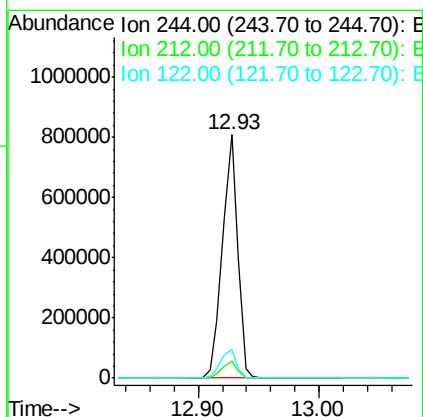
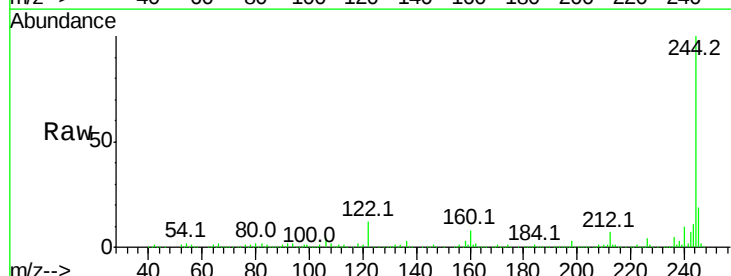
Instrument :
BNA_F
ClientSampleId :

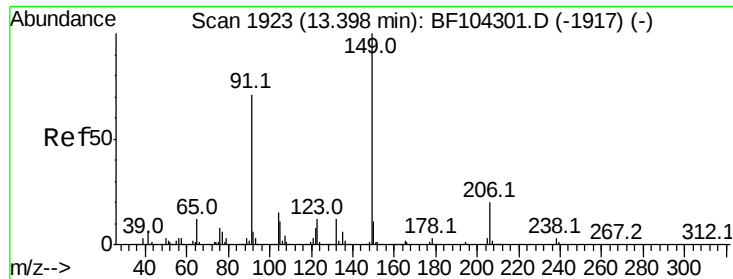
Tot Ion:202 Resp: 470374
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.5 14.3 21.5



#78
Terphenyl-d14
Concen: 84.731 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion:244 Resp: 704610
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.7 11.0 16.4

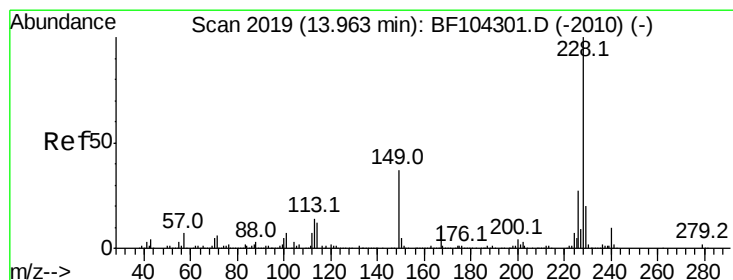
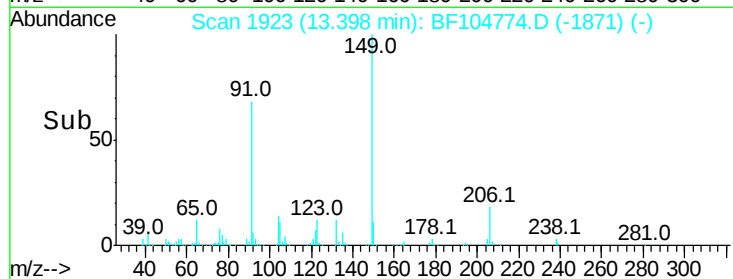
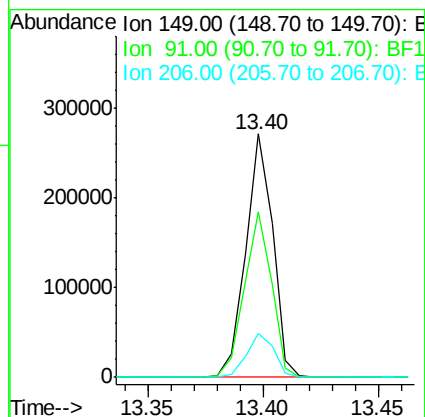
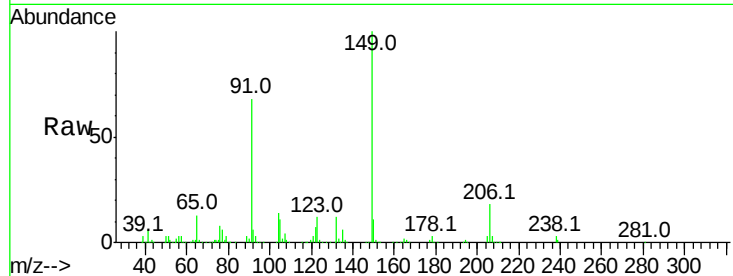




#79
Butylbenzylphthalate
Concen: 33.815 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

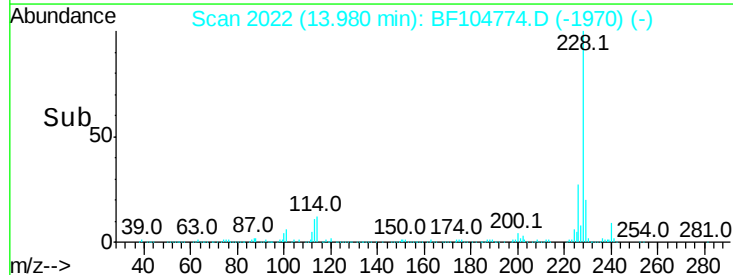
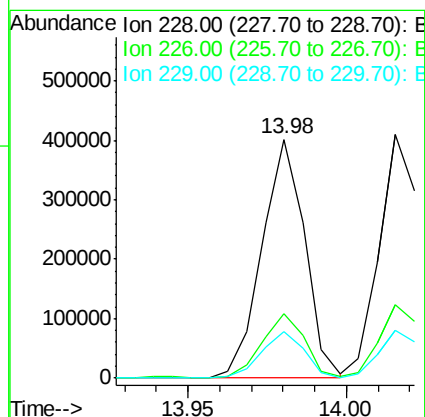
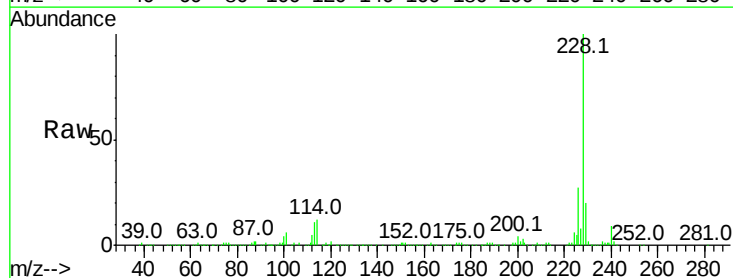
Instrument :
BNA_F
ClientSampleId :

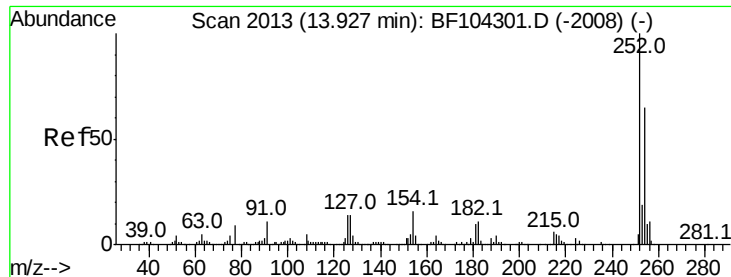
Tot Ion:149 Resp: 223870
Ion Ratio Lower Upper
149 100
91 68.0 56.8 85.2
206 18.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 33.407 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion:228 Resp: 378367
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 19.5 15.8 23.6

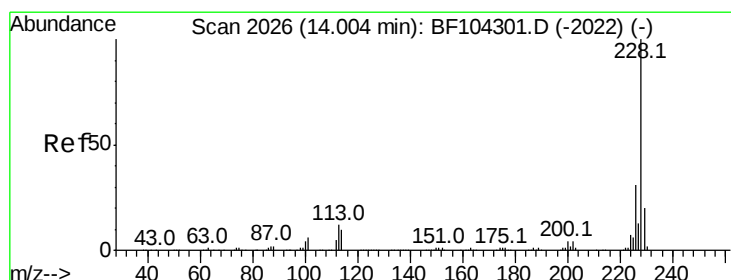
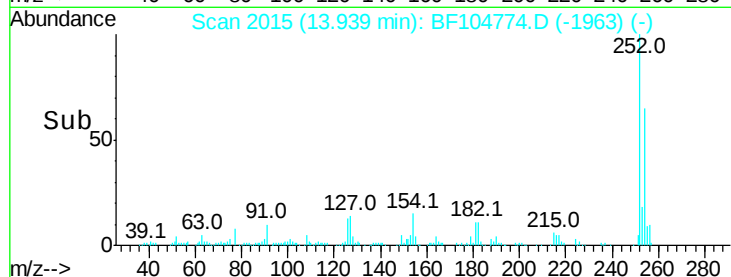
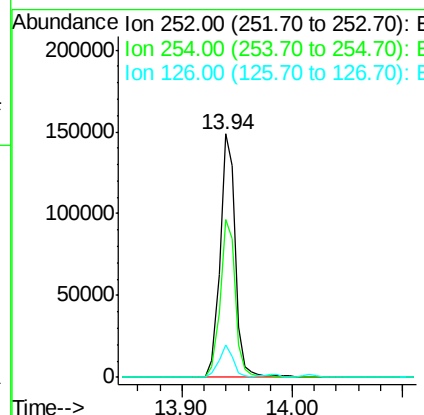
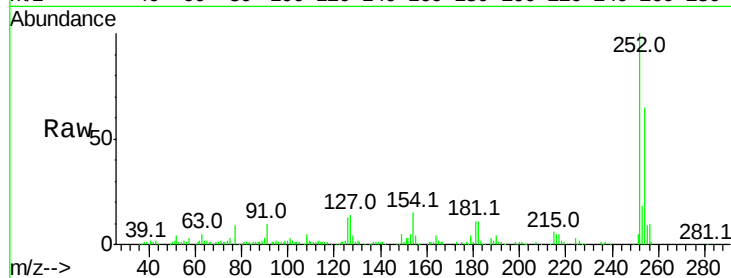




#81
 3,3'-Dichlorobenzidine
 Concen: 33.600 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

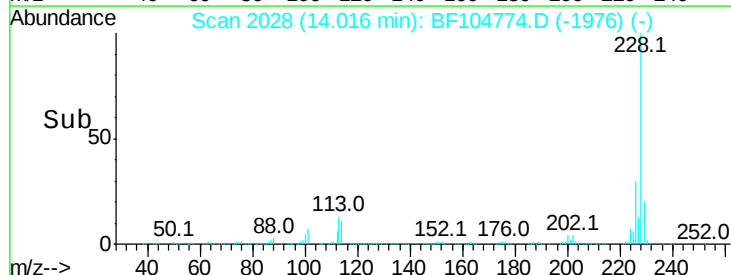
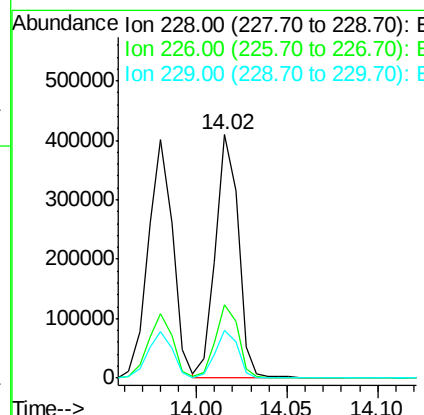
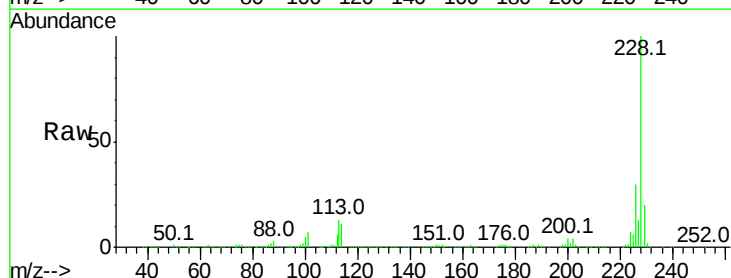
Instrument :
 BNA_F
 ClientSampleId :

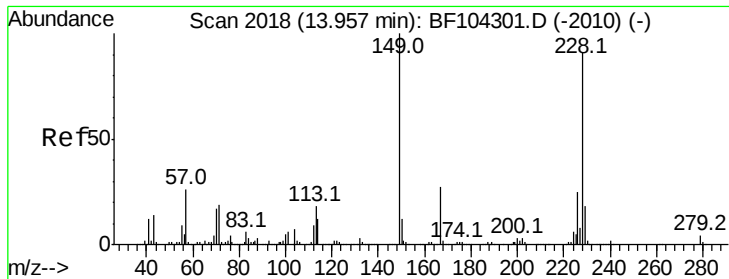
Tot Ion:252 Resp: 141894
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.4 75.6
 126 13.1 11.3 16.9



#82
 Chrysene
 Concen: 30.929 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion:228 Resp: 359822
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.0 37.6
 229 19.7 16.2 24.4

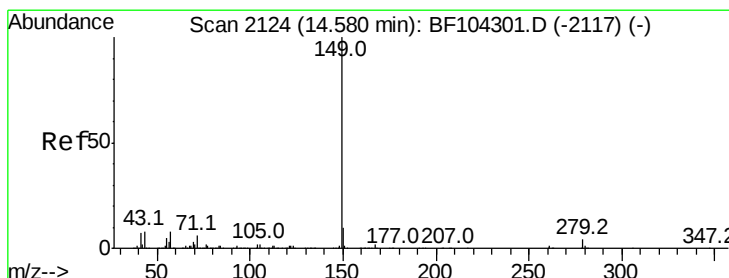
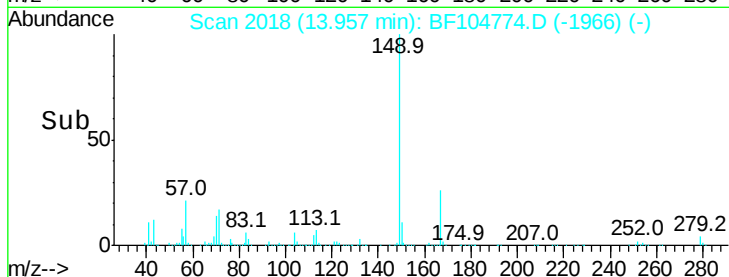
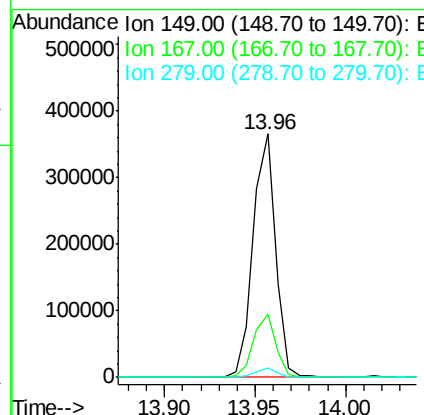
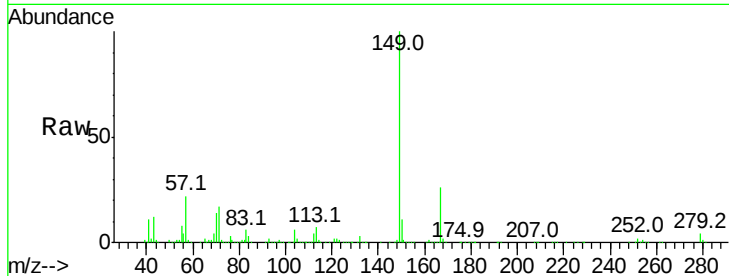




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.854 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

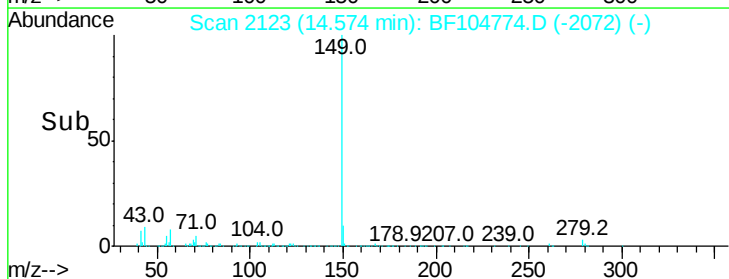
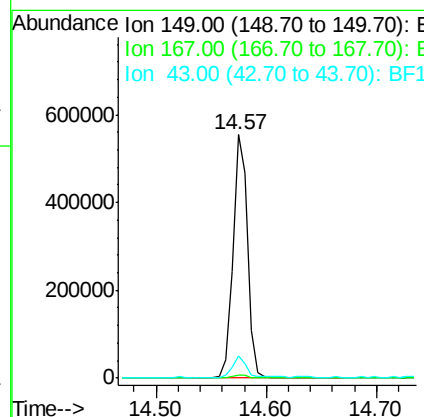
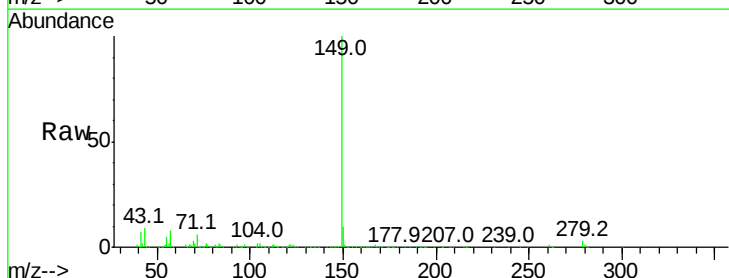
Instrument :
 BNA_F
 ClientSampled :

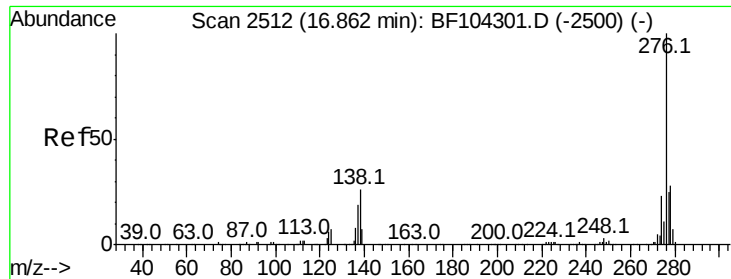
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	3.6	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 35.567 ng
 RT: 14.57 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.0	8.4	12.6#

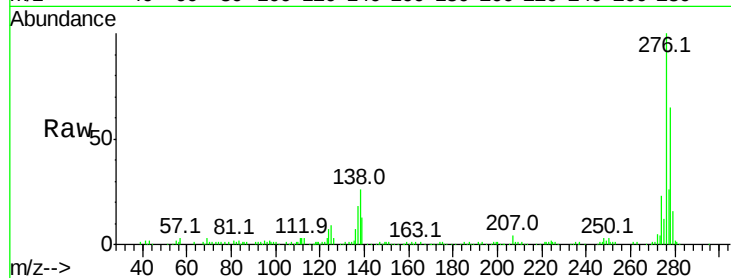




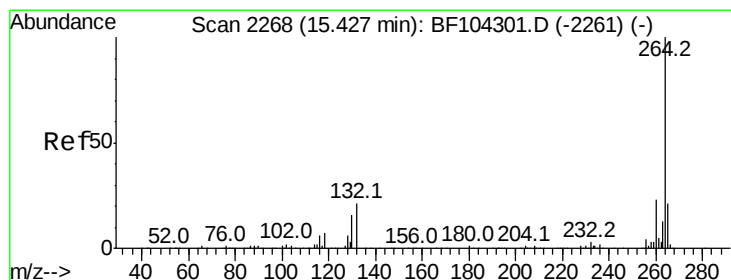
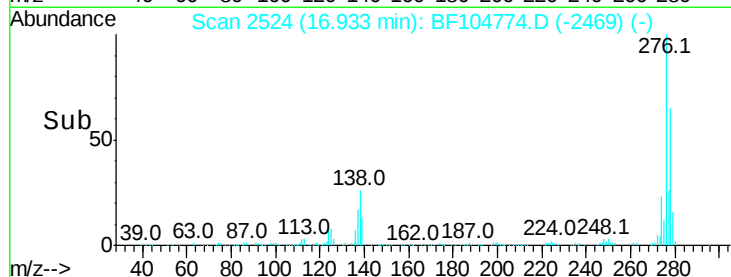
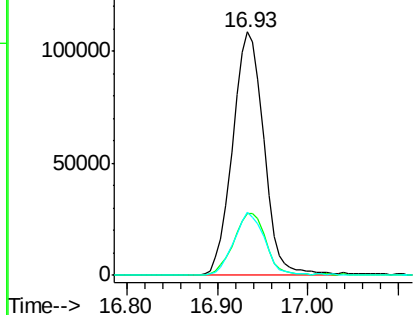
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.438 ng
 RT: 16.93 min Scan# 2524
 Delta R.T. 0.02 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.0	37.6
277	25.8	20.1	30.1

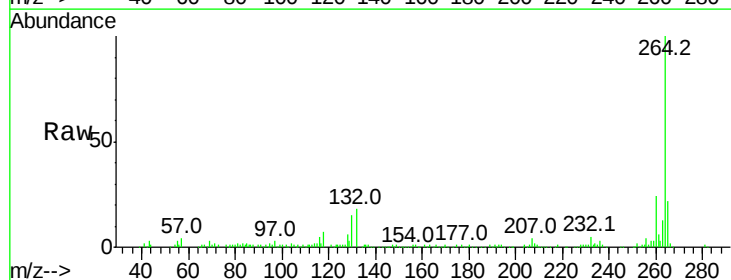


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

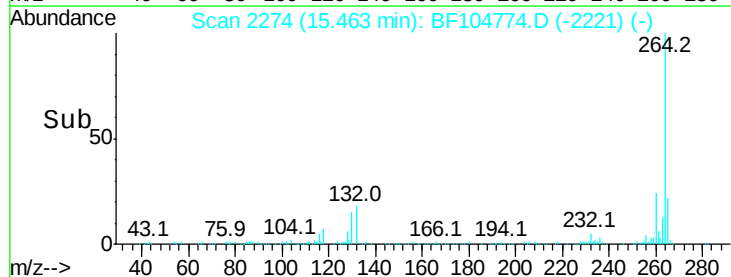
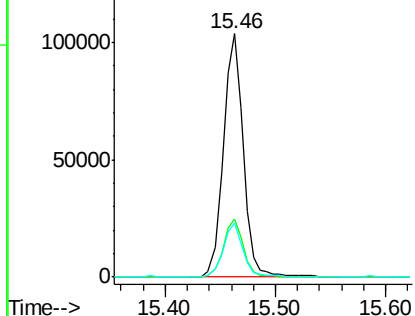


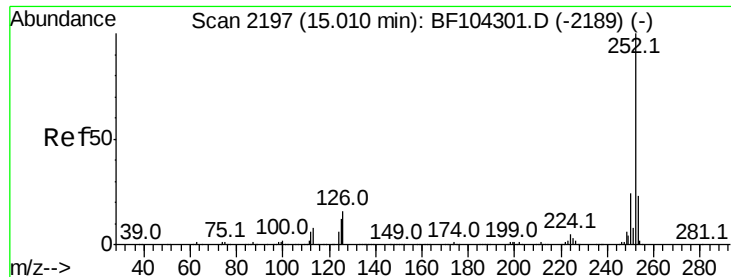
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF104774.D
 Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.5	17.5	26.3



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

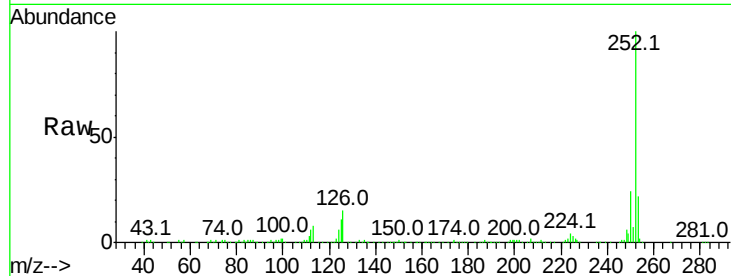




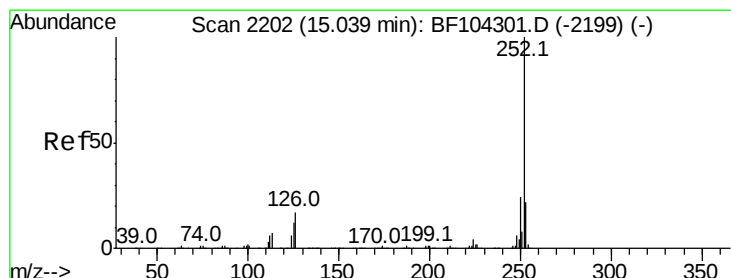
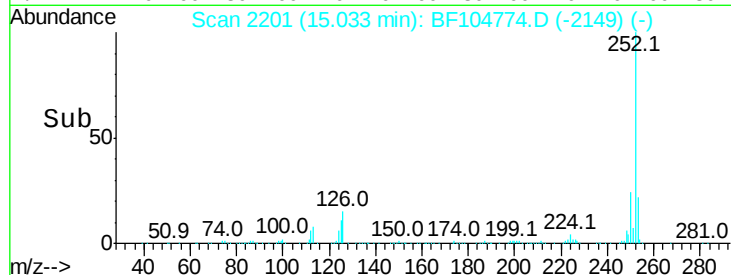
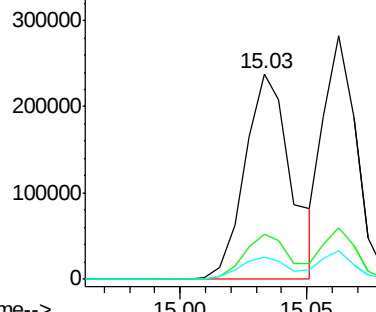
#87
Benzo(b)fluoranthene
Concen: 36.652 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.1	9.0	13.6

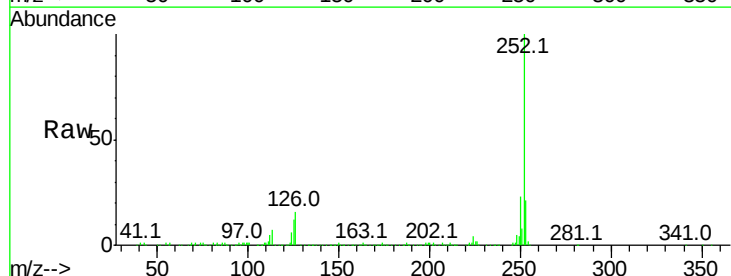


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

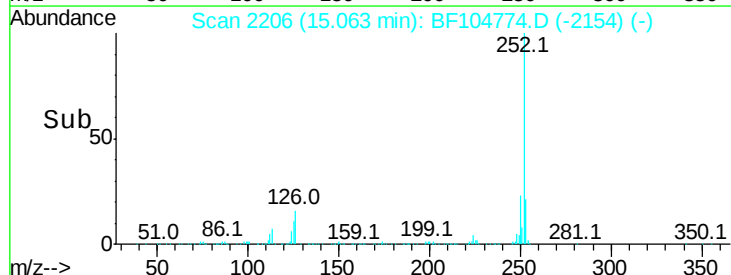
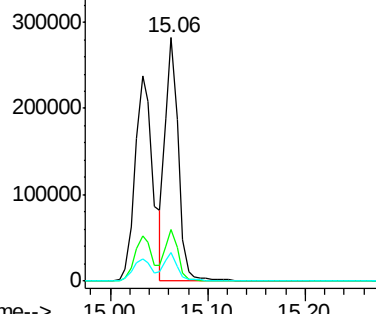


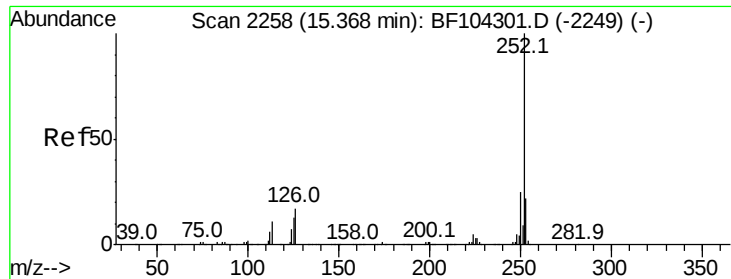
#88
Benzo(k)fluoranthene
Concen: 33.359 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF104774.D
Acq: 24 Apr 2018 23:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	11.5	10.2	15.2



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





#89

Benzo(a)pyrene

Concen: 34.037 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampled :

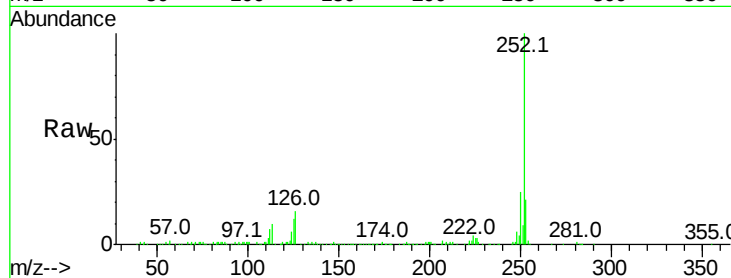
Tot Ion:252 Resp: 252095

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

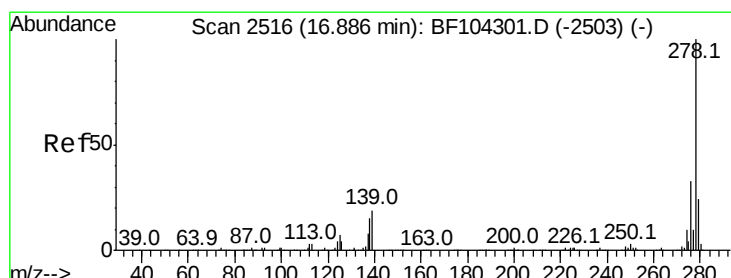
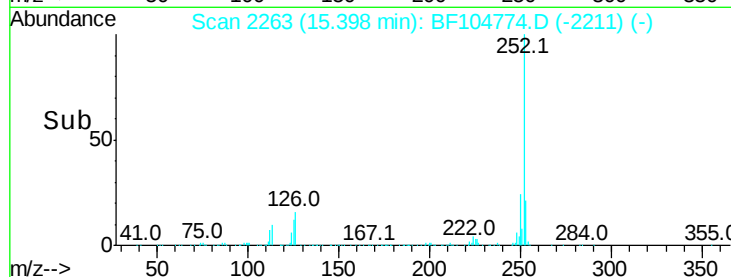
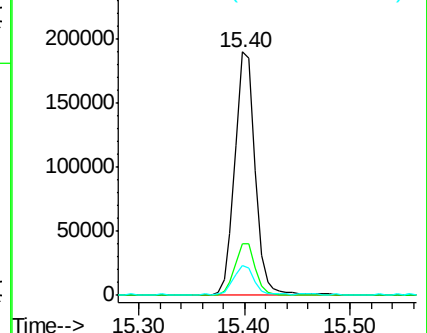
125 12.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.546 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.02 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

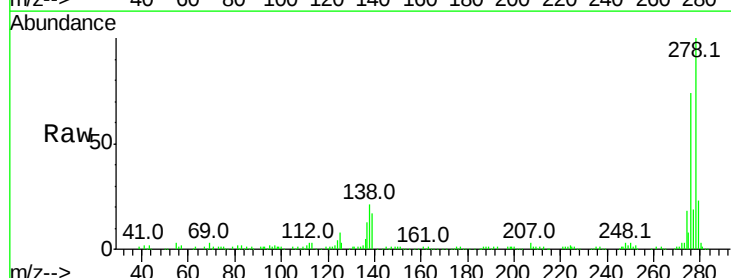
Tgt Ion:278 Resp: 222306

Ion Ratio Lower Upper

278 100

139 16.9 15.9 23.9

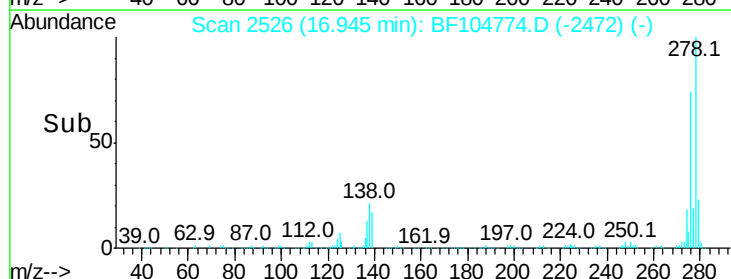
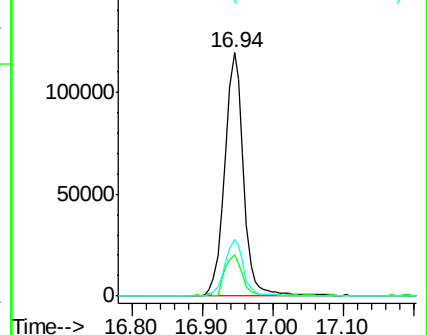
279 23.2 19.0 28.4

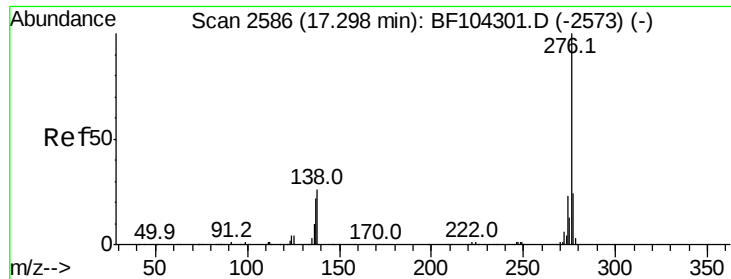


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.997 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.02 min

Lab File: BF104774.D

Acq: 24 Apr 2018 23:15

Instrument :

BNA_F

ClientSampleId :

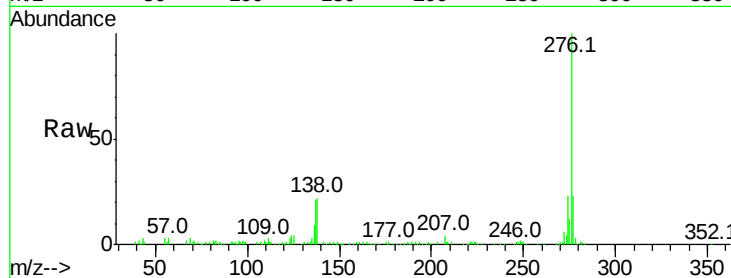
Tot Ion:276 Resp: 218039

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 22.3 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

