

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104596.D
 Acq On : 18 Apr 2018 12:51
 Operator : JU/SJ
 Sample : J2408-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 14:55:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	129442	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	542054	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	242504	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	421915	20.00	ng	0.00
75) Chrysene-d12	13.98	240	265229	20.00	ng	0.00
86) Perylene-d12	15.44	264	244597	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	923676	109.11	ng	0.01
7) Phenol-d6	6.45	99	1145284	110.11	ng	0.00
23) Nitrobenzene-d5	7.37	82	727770	87.67	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	286492	113.89	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1248271	81.32	ng	0.00
78) Terphenyl-d14	12.92	244	1102874	94.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	129068	32.721	ng	# 88
3) Pyridine	3.30	79	348976	31.467	ng	# 87
4) n-Nitrosodimethylamine	3.26	42	144313	37.225	ng	79
6) Aniline	6.47	93	243880	16.877	ng	99
8) 2-Chlorophenol	6.59	128	352229	39.421	ng	95
9) Benzaldehyde	6.36	77	213182	40.777	ng	96
10) Phenol	6.46	94	428232	38.803	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	330117	37.484	ng	95
12) 1,3-Dichlorobenzene	6.75	146	363182	35.879	ng	99
13) 1,4-Dichlorobenzene	6.82	146	369919	36.661	ng	99
14) 1,2-Dichlorobenzene	6.97	146	343556	36.741	ng	100
15) Benzyl Alcohol	6.95	79	284118	35.964	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	428603	36.238	ng	91
17) 2-Methylphenol	7.06	107	287314	36.992	ng	98
18) Hexachloroethane	7.32	117	135544	37.676	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	225901	33.236	ng	92
20) 3+4-Methylphenols	7.22	107	336722	34.956	ng	# 64
22) Acetophenone	7.22	105	456466	34.205	ng	# 97
24) Nitrobenzene	7.39	77	361891	39.486	ng	95
25) Isophorone	7.63	82	649930	37.024	ng	99
26) 2-Nitrophenol	7.70	139	190946	51.176	ng	95
27) 2,4-Dimethylphenol	7.75	122	292702	37.782	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	425185	39.616	ng	98
29) 2,4-Dichlorophenol	7.95	162	287589	38.906	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	291984	35.992	ng	99
31) Naphthalene	8.11	128	983756	36.447	ng	100
32) Benzoic acid	7.83	122	53151	8.599	ng	97
33) 4-Chloroaniline	8.16	127	88012	7.611	ng	96
34) Hexachlorobutadiene	8.22	225	157970	35.551	ng	98
35) Caprolactam	8.53	113	57395	22.257	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	299270	37.757	ng	97
37) 2-Methylnaphthalene	8.80	142	650312	37.247	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	271385	39.094	ng	99
40) Hexachlorocyclopentadiene	8.95	237	249548	64.212	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	190468	39.525	ng	100
43) 2,4,5-Trichlorophenol	9.12	196	199815	37.054	ng	98
45) 1,1'-Biphenyl	9.27	154	749803	36.806	ng	99
46) 2-Chloronaphthalene	9.29	162	602036	37.414	ng	99
47) 2-Nitroaniline	9.39	65	181313	45.563	ng	91
48) Acenaphthylene	9.71	152	904674	35.833	ng	99
49) Dimethylphthalate	9.57	163	807549	42.228	ng	100
50) 2,6-Dinitrotoluene	9.63	165	153712	43.439	ng	94
51) Acenaphthene	9.88	154	528979	34.340	ng	100
52) 3-Nitroaniline	9.80	138	69130	16.688	ng	98
53) 2,4-Dinitrophenol	9.91	184	96690	70.231	ng	# 20
54) Dibenzofuran	10.05	168	790691	36.833	ng	98
55) 4-Nitrophenol	9.97	139	241543	74.226	ng	99
56) 2,4-Dinitrotoluene	10.04	165	202071	43.535	ng	91
57) Fluorene	10.39	166	609601	39.014	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	155546	38.663	ng	96
59) Diethylphthalate	10.27	149	672693	35.320	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	276560	39.743	ng	97
61) 4-Nitroaniline	10.42	138	157956	38.996	ng	98
62) Azobenzene	10.55	77	643427	35.361	ng	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	88343	43.760	ng	82
65) n-Nitrosodiphenylamine	10.50	169	553843	37.860	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	173914	38.752	ng	96
67) Hexachlorobenzene	10.94	284	191702	37.963	ng	94
68) Atrazine	11.03	200	173123	39.207	ng	99
69) Pentachlorophenol	11.14	266	175109	56.052	ng	97
70) Phenanthrene	11.36	178	860219	36.611	ng	99
71) Anthracene	11.41	178	884414	37.029	ng	100
72) Carbazole	11.57	167	788606	33.789	ng	100
73) Di-n-butylphthalate	11.89	149	1007547	35.340	ng	99
74) Fluoranthene	12.55	202	827214	33.696	ng	100
76) Benzidine	12.67	184	270401	27.208	ng	98
77) Pyrene	12.77	202	812105	41.308	ng	99
79) Butylbenzylphthalate	13.39	149	367724	39.703	ng	98
80) Benzo(a)anthracene	13.97	228	620316	39.149	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	127357	21.557	ng	98
82) Chrysene	14.00	228	591494	36.343	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	491647	41.269	ng	100
84) Di-n-octyl phthalate	14.57	149	751134	37.734	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.89	276	700806	50.689	ng	98
87) Benzo(b)fluoranthene	15.02	252	548584	35.511	ng	99
88) Benzo(k)fluoranthene	15.04	252	541209	37.108	ng	98
89) Benzo(a)pyrene	15.38	252	540318	39.090	ng	99
90) Dibenzo(a,h)anthracene	16.91	278	582475	51.309	ng	98
91) Benzo(g,h,i)perylene	17.33	276	606462	55.140	ng	97

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

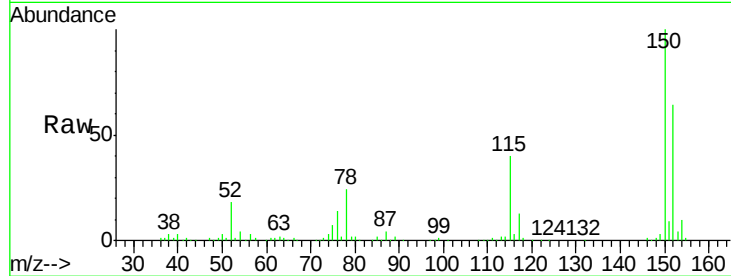


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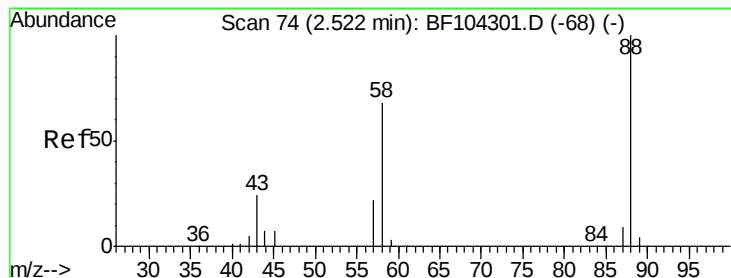
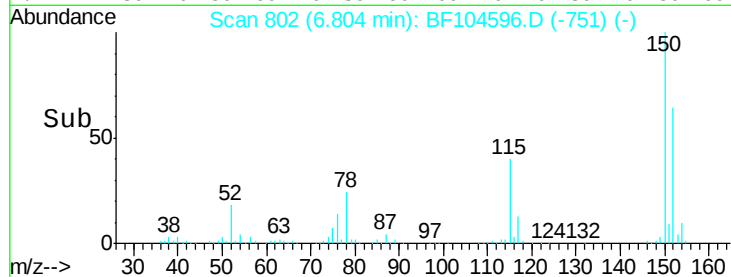
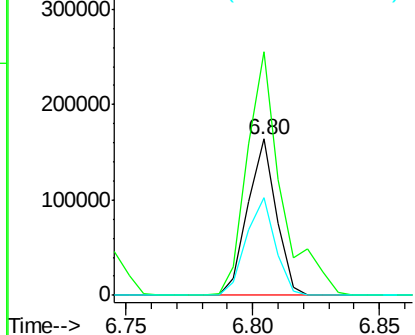
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129442
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 62.6 50.1 75.1



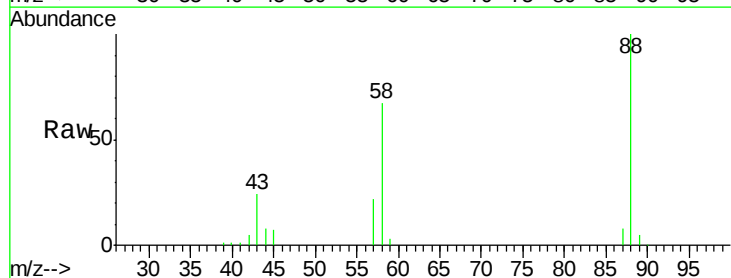
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



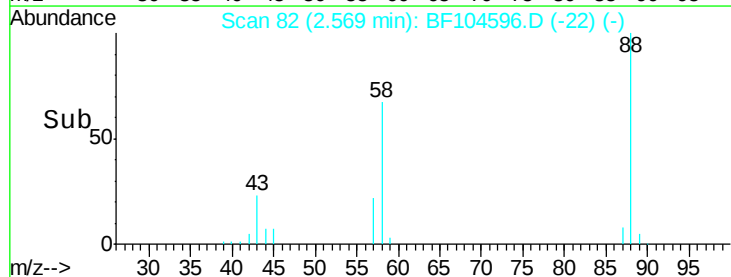
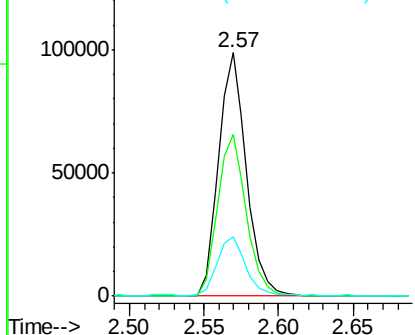
#2

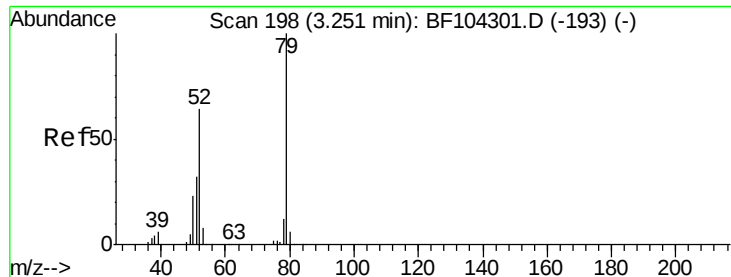
1,4-Dioxane
Concen: 32.721 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.05 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Tgt Ion: 88 Resp: 129068
Ion Ratio Lower Upper
88 100
58 68.2 62.6 93.8
43 24.2 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: 31.467 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.05 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

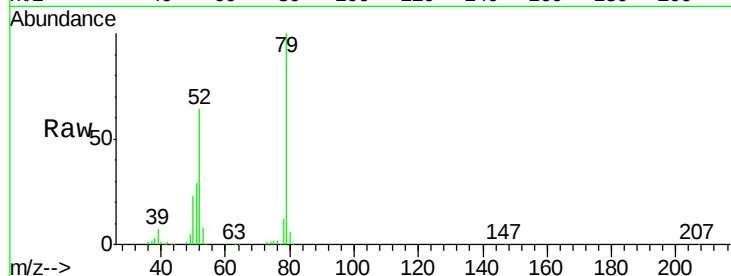
Tot Ion: 79 Resp: 348976

Ion Ratio Lower Upper

79 100

52 63.7 59.8 89.6

51 29.4 29.8 44.8#



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

200000

150000

100000

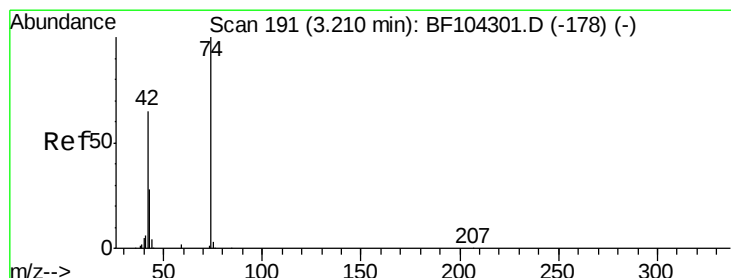
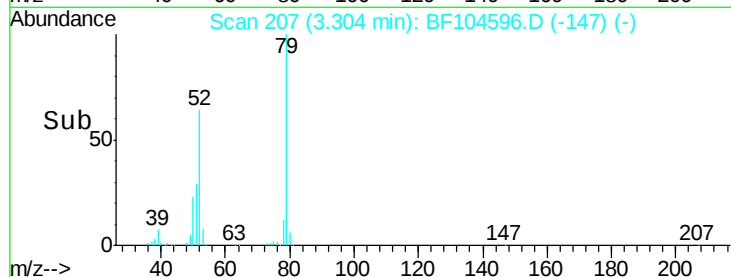
50000

0

3.30

3.20 3.30 3.40 3.50 3.60

Time-->



#4

n-Nitrosodimethylamine

Concen: 37.225 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.04 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

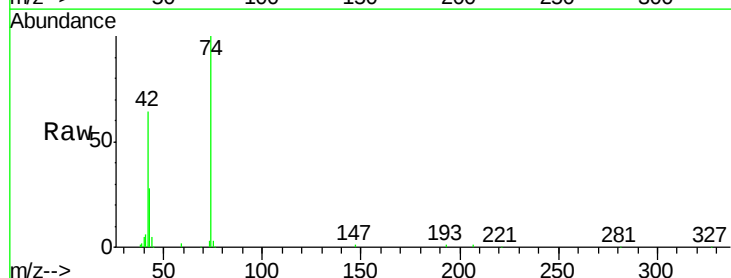
Tgt Ion: 42 Resp: 144313

Ion Ratio Lower Upper

42 100

74 156.9 104.9 157.3

44 8.0 6.9 10.3



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

150000

100000

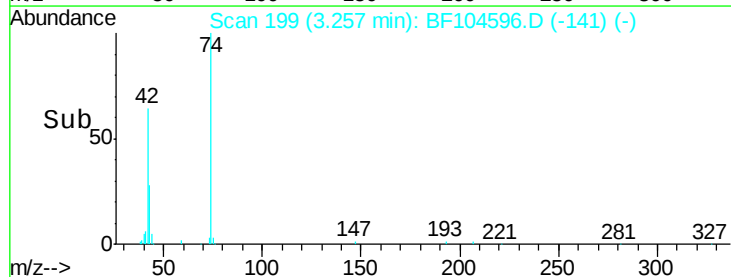
50000

0

3.26

3.20 3.30 3.40

Time-->





#5

2-Fluorophenol

Concen: 109.111 ng

RT: 5.43 min Scan# 568

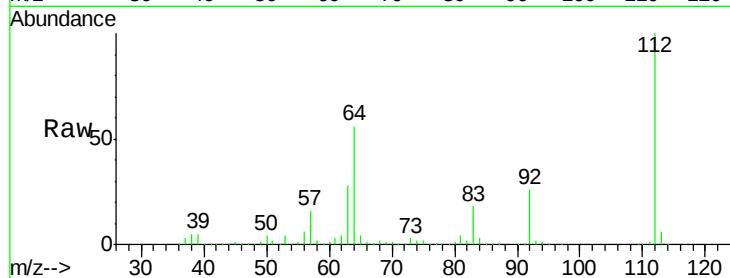
Delta R.T. 0.01 min

Lab File: BF104596.D

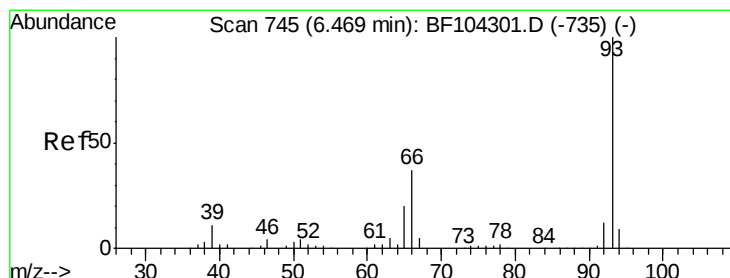
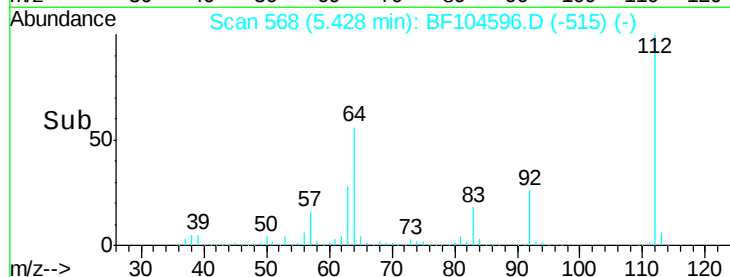
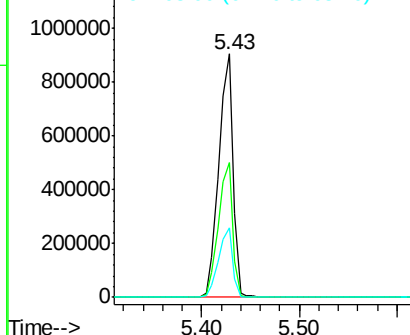
Acq: 18 Apr 2018 12:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	923676
Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	28.3	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.877 ng

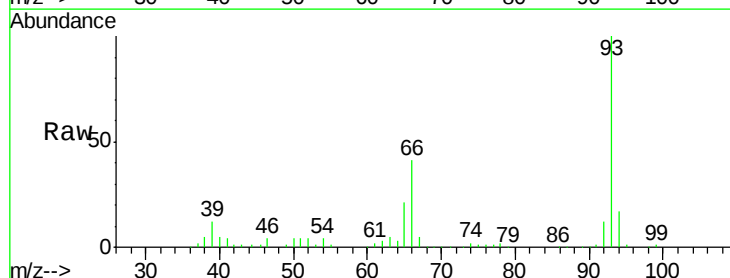
RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

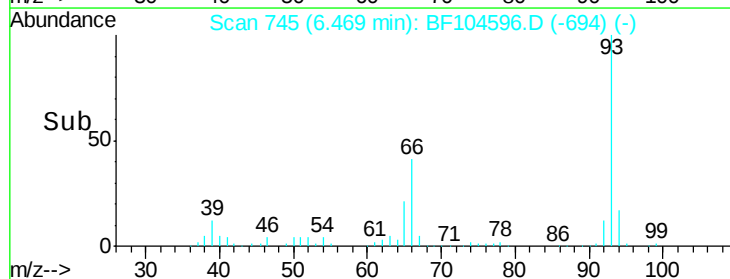
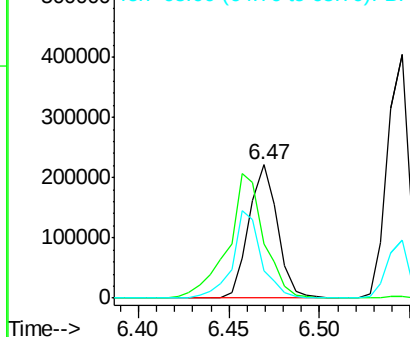
Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Tgt Ion:	93	Resp:	243880
Ion	Ratio	Lower	Upper
93	100		
66	40.7	32.2	48.2
65	20.9	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: 110.109 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampled :

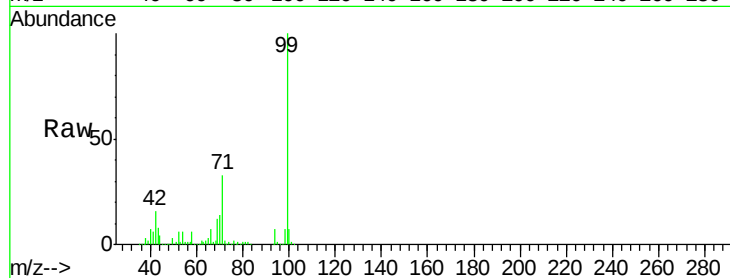
Tot Ion: 99 Resp: 1145284

Ion Ratio Lower Upper

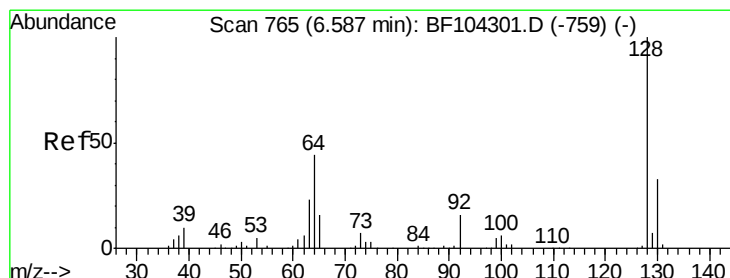
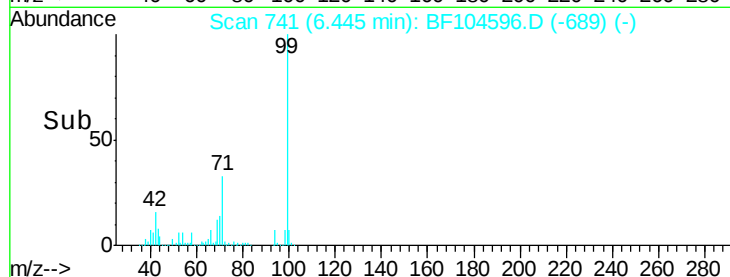
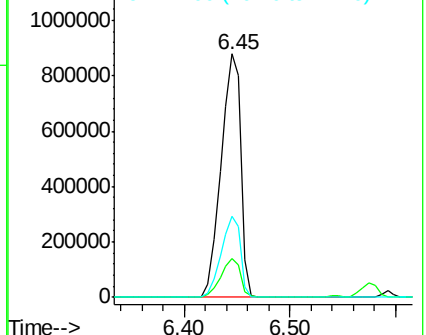
99 100

42 15.9 14.5 21.7

71 33.2 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: 39.421 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

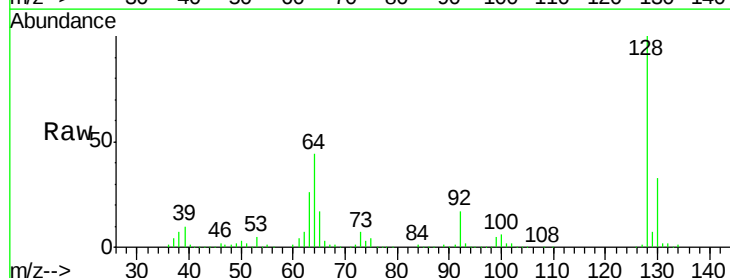
Tgt Ion: 128 Resp: 352229

Ion Ratio Lower Upper

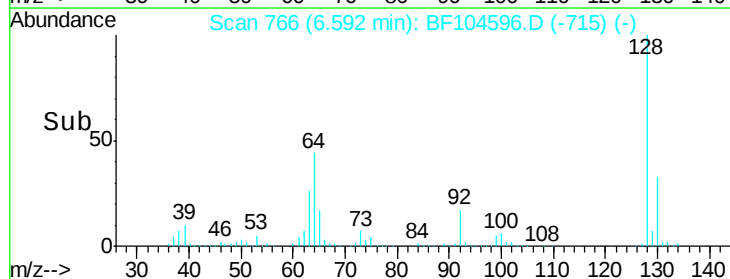
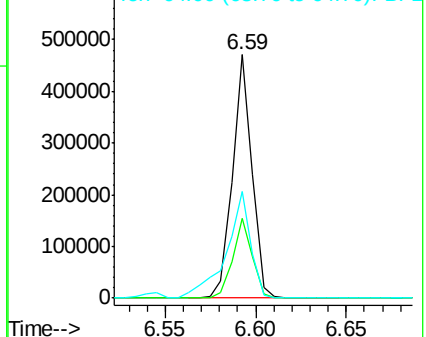
128 100

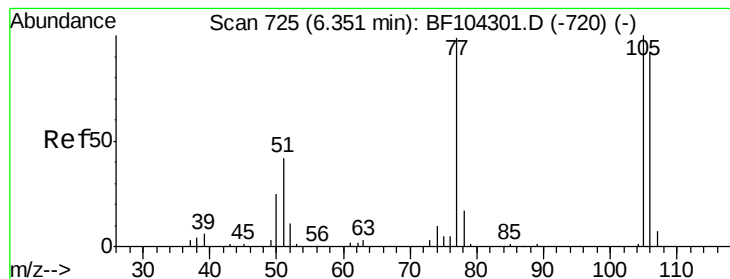
130 32.6 13.0 53.0

64 44.0 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: 40.777 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

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ClientSampleId :

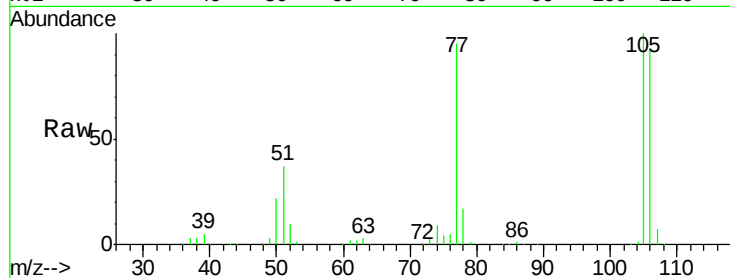
Tot Ion: 77 Resp: 213182

Ion Ratio Lower Upper

77 100

105 105.3 81.1 121.1

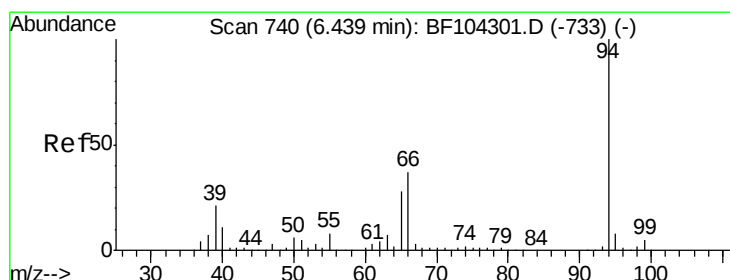
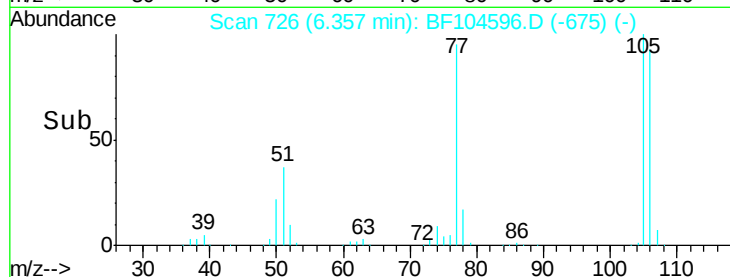
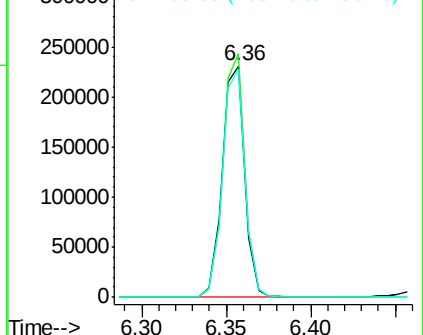
106 98.4 74.5 114.5



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: 38.803 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

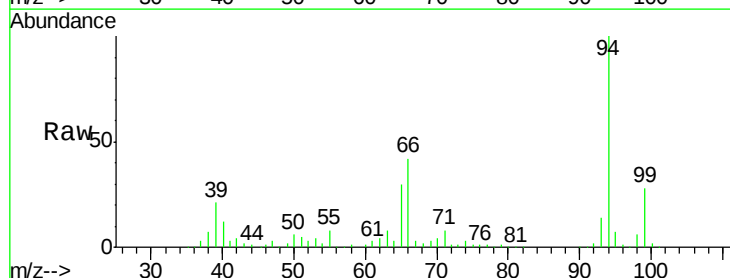
Tgt Ion: 94 Resp: 428232

Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

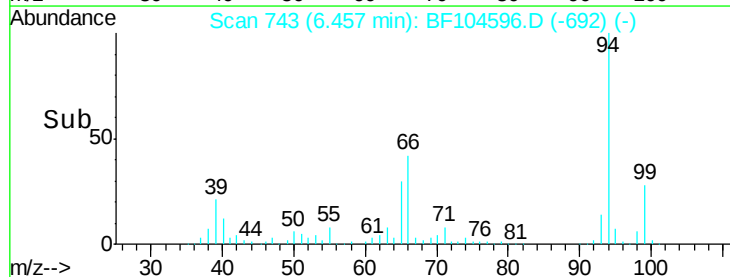
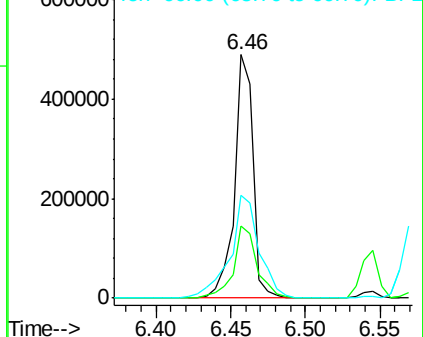
66 42.4 16.2 56.2

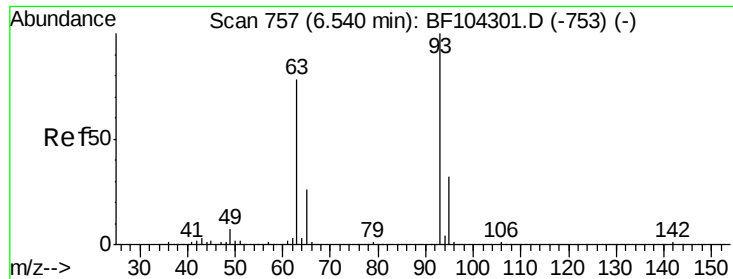


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

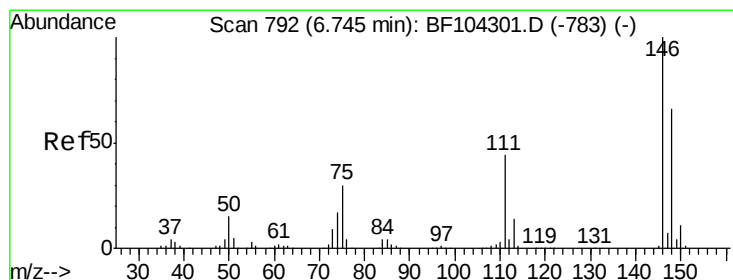
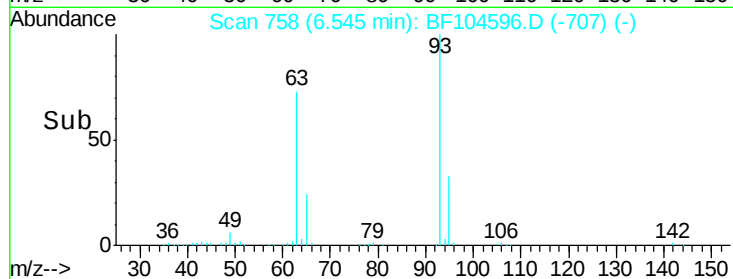
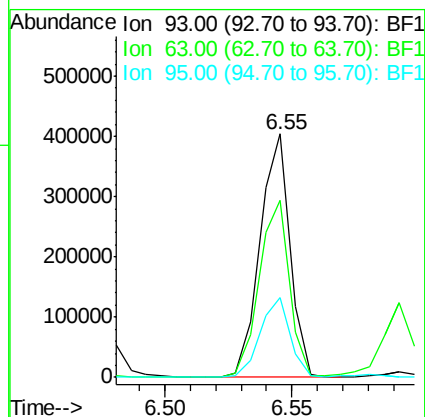
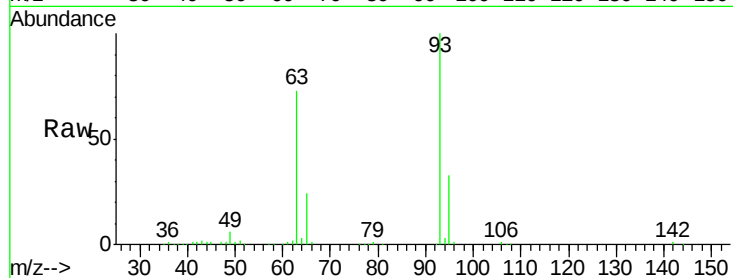




#11
bis(2-Chloroethyl)ether
Concen: 37.484 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

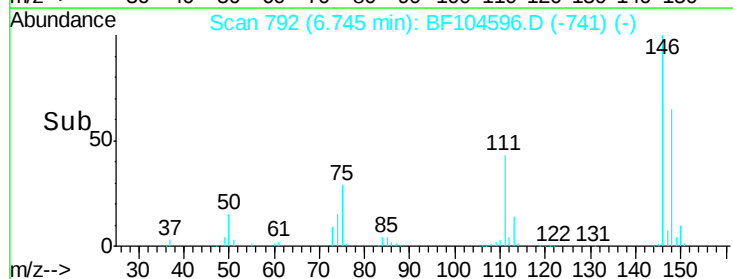
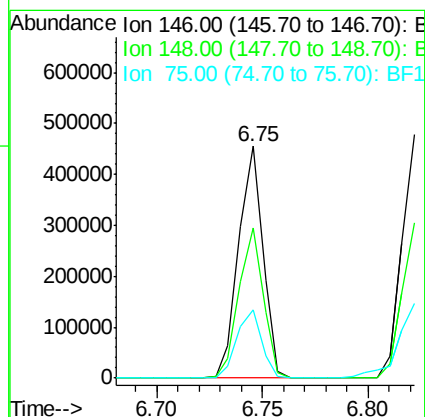
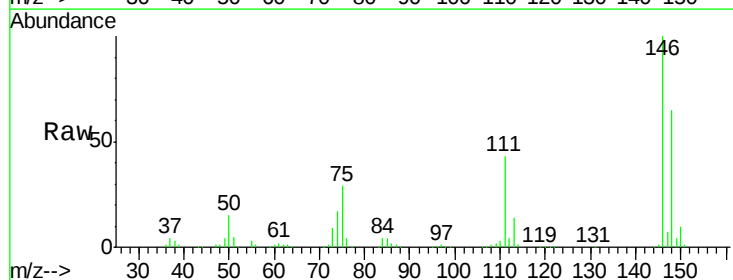
Instrument :
BNA_F
ClientSampled :

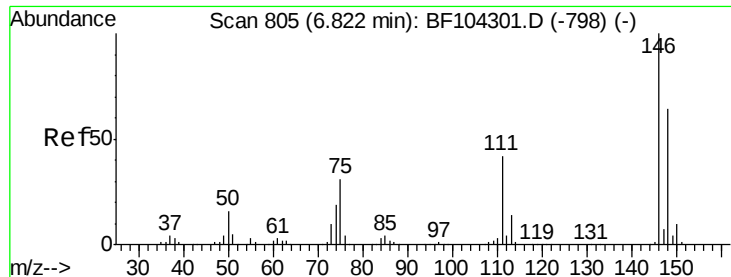
Tot Ion: 93 Resp: 330117
Ion Ratio Lower Upper
93 100
63 72.9 58.6 98.6
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.879 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Tgt Ion: 146 Resp: 363182
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 29.2 24.2 36.4

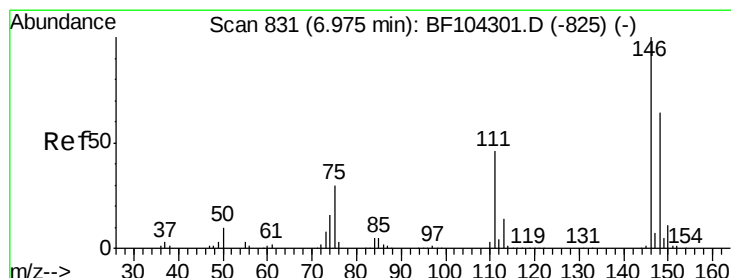
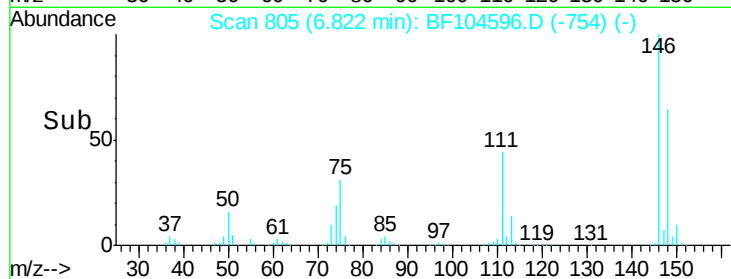
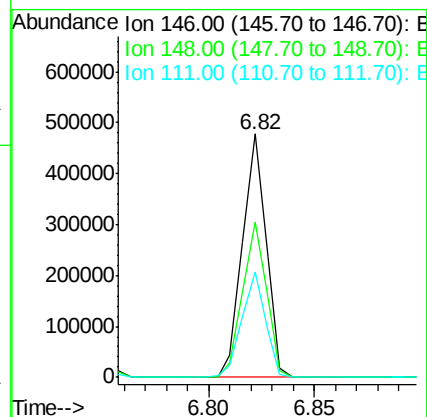
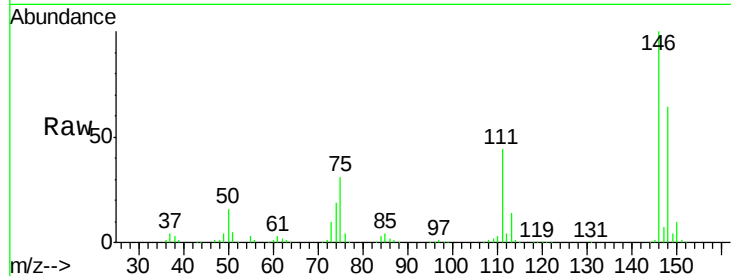




#13
 1,4-Dichlorobenzene
 Concen: 36.661 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

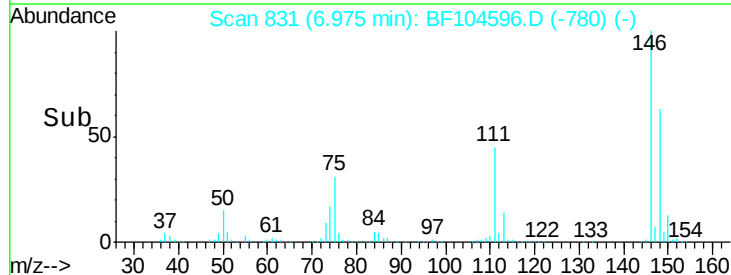
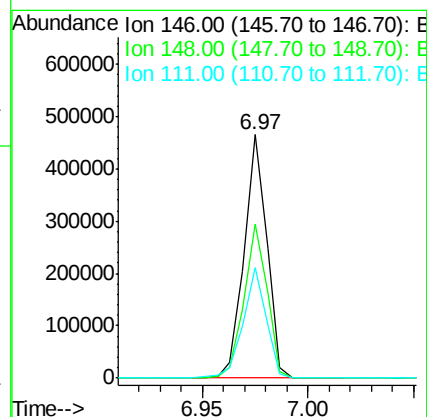
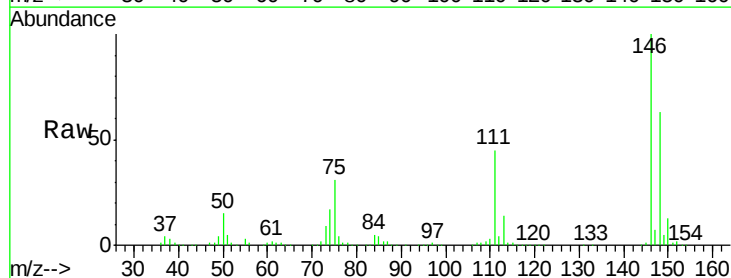
Instrument :
 BNA_F
 ClientSampleId :

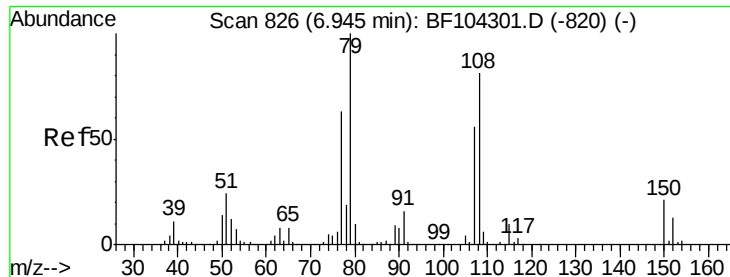
Tot Ion:146 Resp: 369919
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 43.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.741 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Tgt Ion:146 Resp: 343556
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 45.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.964 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

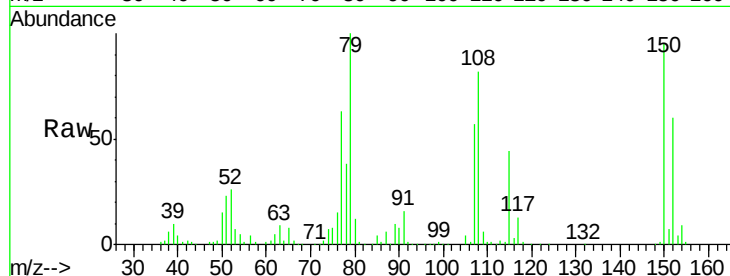
Tot Ion: 79 Resp: 284118

Ion Ratio Lower Upper

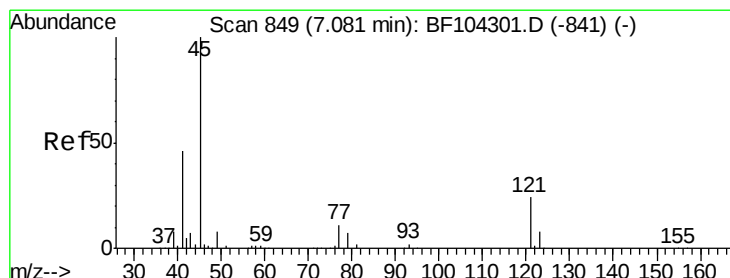
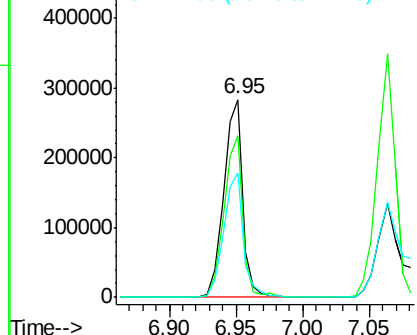
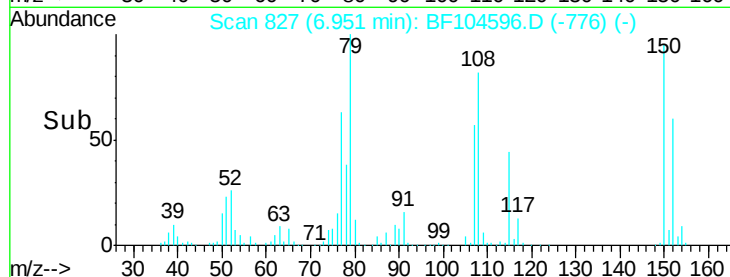
79 100

108 81.7 65.1 97.7

77 62.7 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: 36.238 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

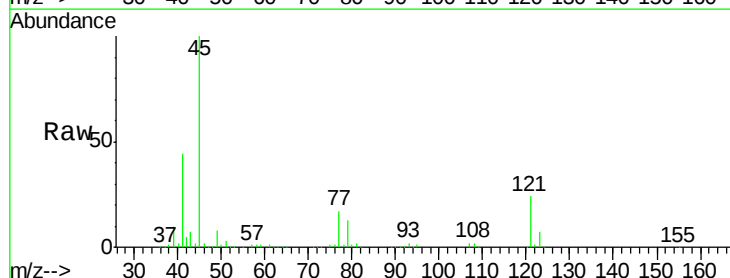
Tgt Ion: 45 Resp: 428603

Ion Ratio Lower Upper

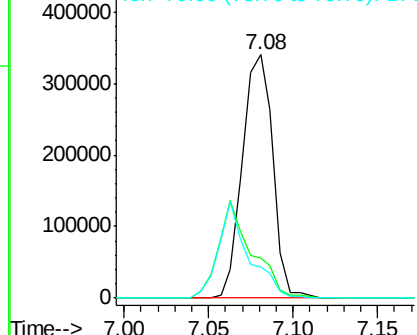
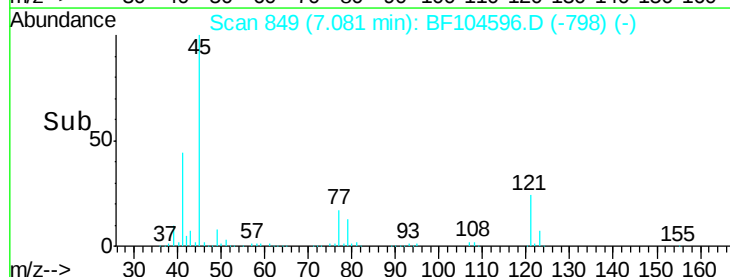
45 100

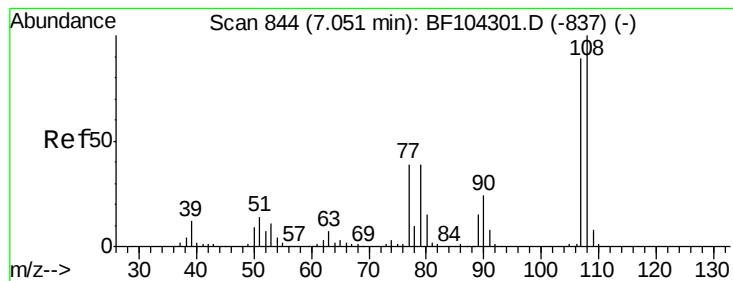
77 16.6 0.0 32.9

79 12.6 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

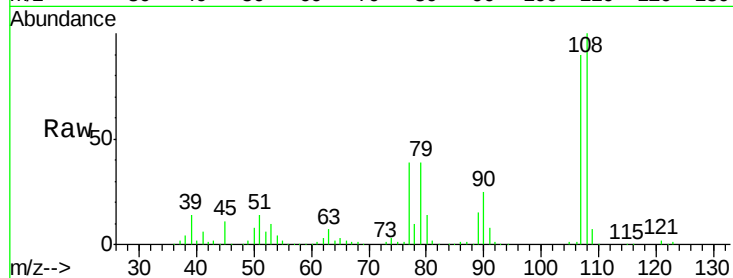




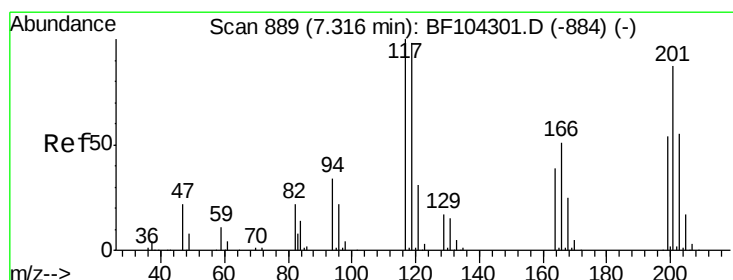
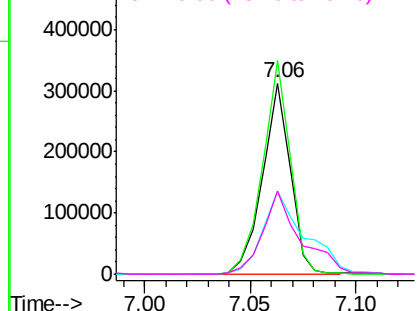
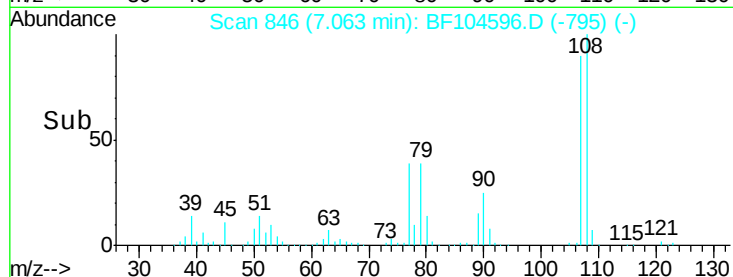
#17
2-Methylphenol
Concen: 36.992 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 287314
Ion Ratio Lower Upper
107 100
108 111.7 91.7 137.5
77 43.7 33.8 50.8
79 43.3 33.8 50.8

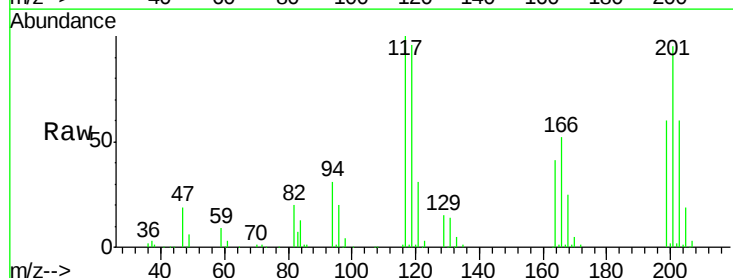


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

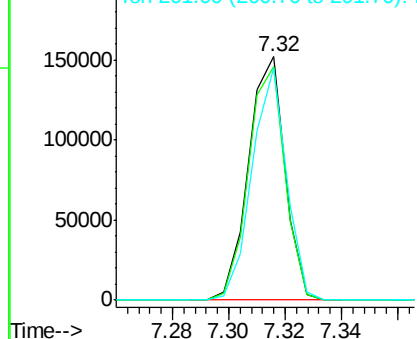
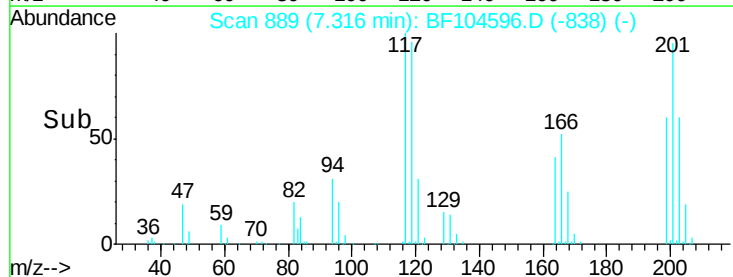


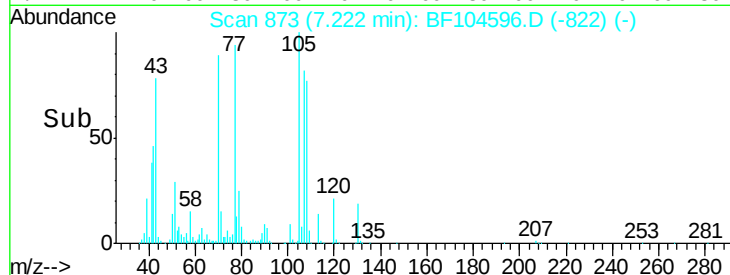
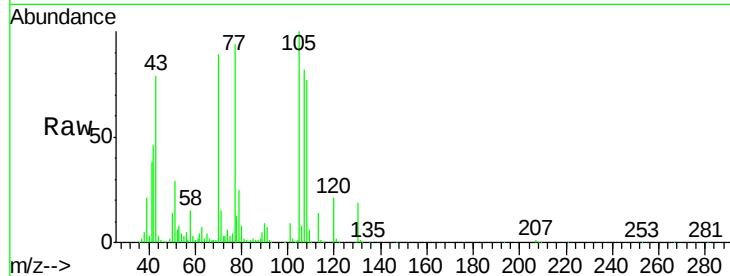
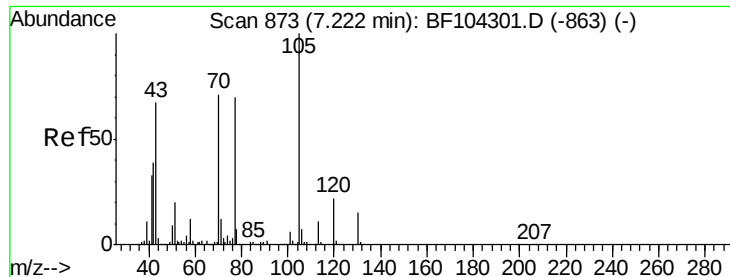
#18
Hexachloroethane
Concen: 37.676 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Tgt Ion:117 Resp: 135544
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 95.3 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

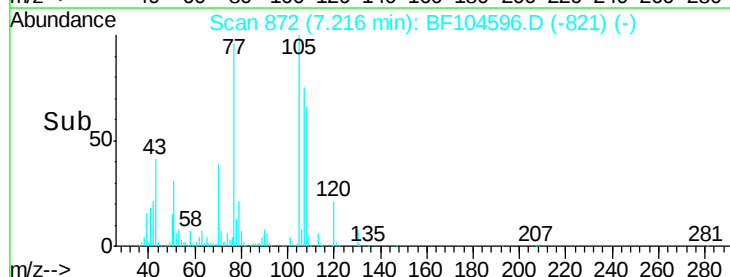
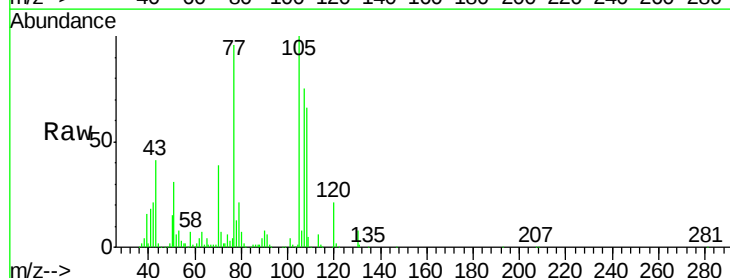
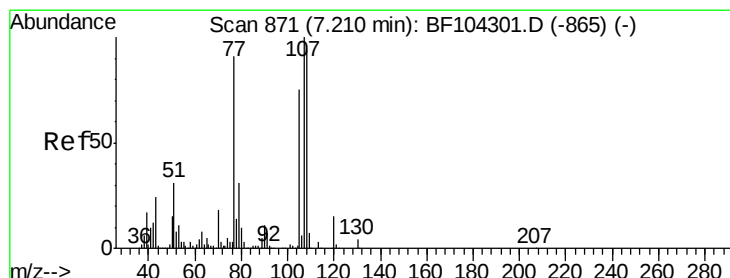
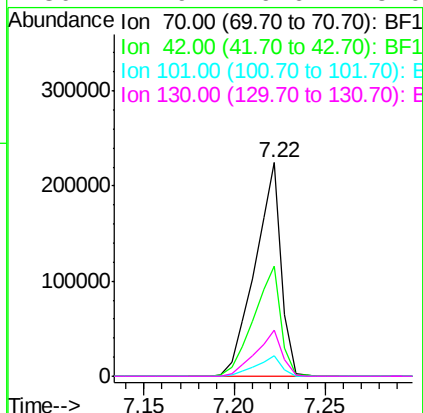




#19
n-Nitroso-di-n-propylamine
Concen: 33.236 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

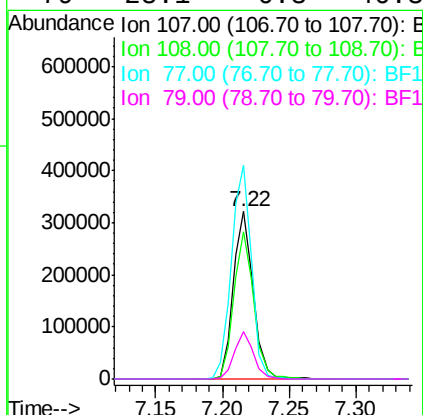
Instrument :
BNA_F
ClientSampleId :

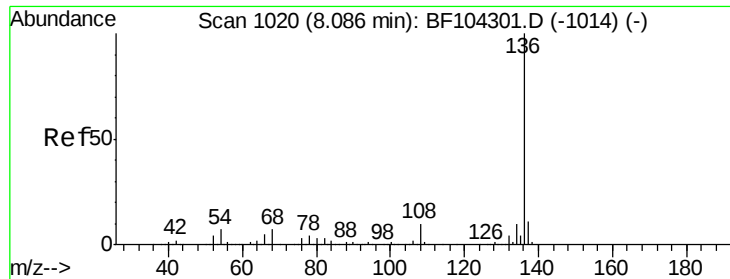
Tot Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.5	71.3
101	9.9	7.4	11.2
130	21.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.956 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	127.6	26.7	66.7#
79	28.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 542054

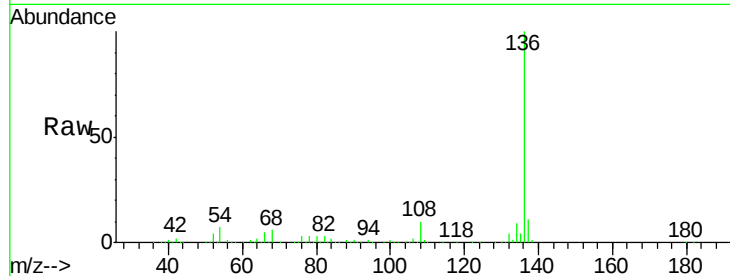
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.3 6.6 9.8

68 6.4 5.0 7.4

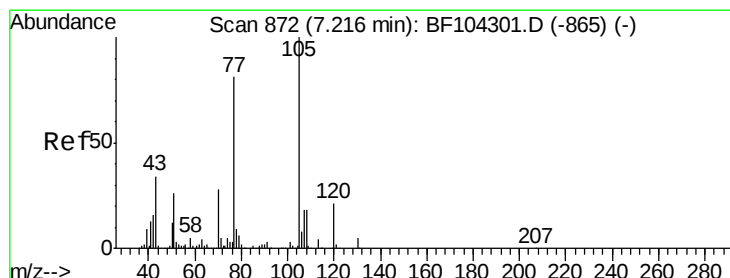
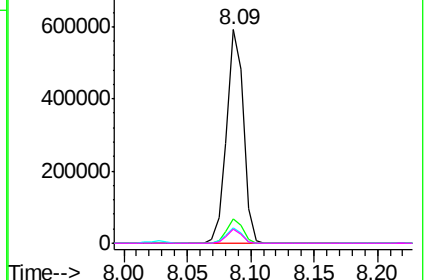
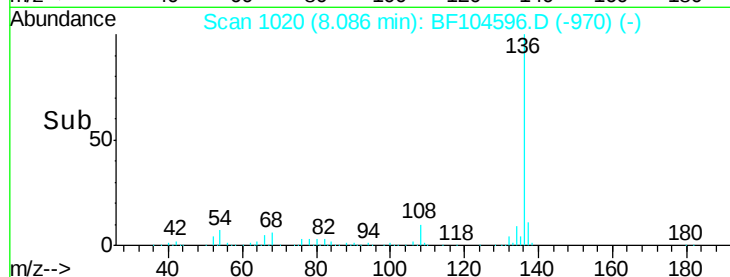


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.205 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Tgt Ion:105 Resp: 456466

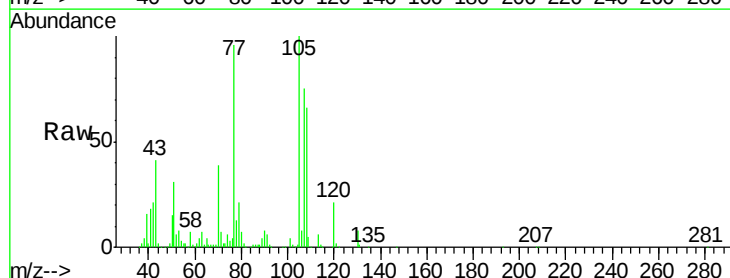
Ion Ratio Lower Upper

105 100

71 6.7 4.4 6.6#

51 30.8 22.3 33.5

120 21.0 16.9 25.3

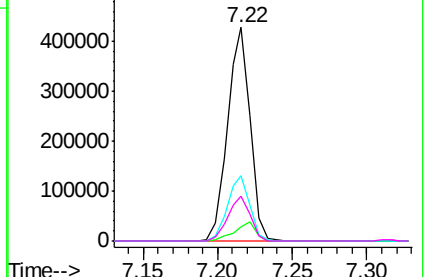
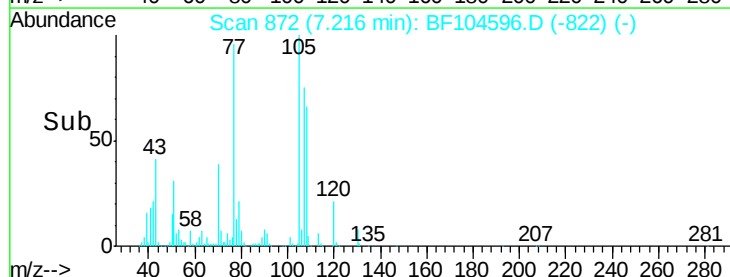


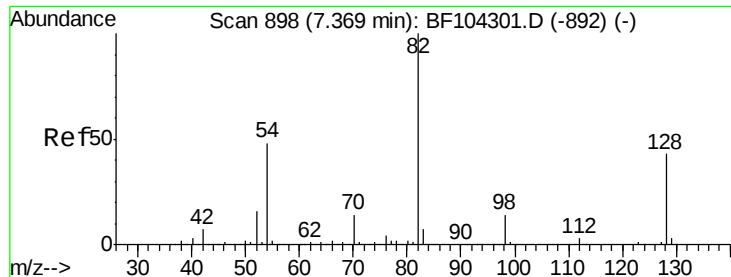
Abundance Ion 105.00 (104.70 to 105.70): E

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

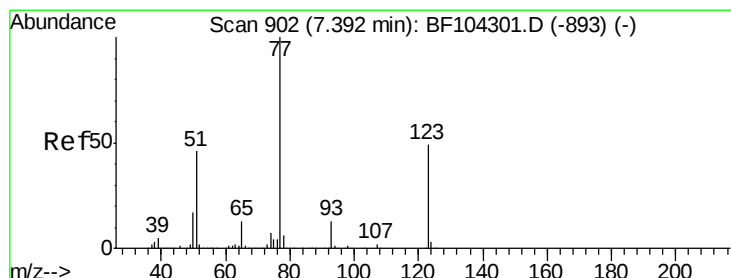
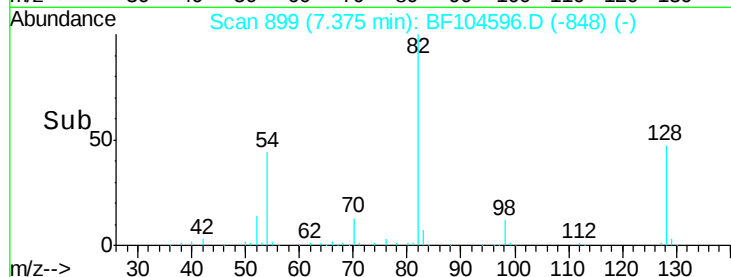
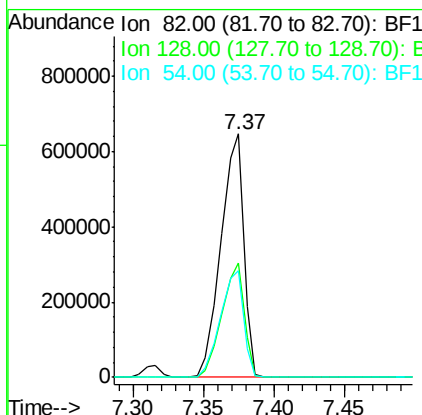
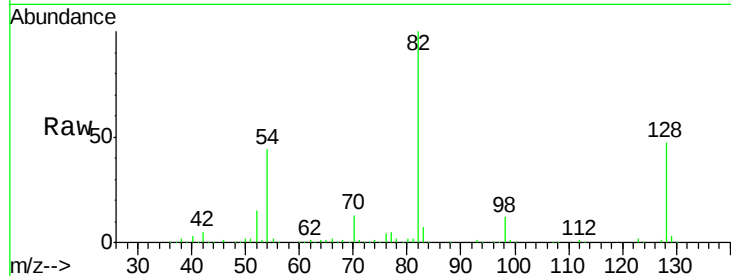




#23
Nitrobenzene-d5
Concen: 87.670 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

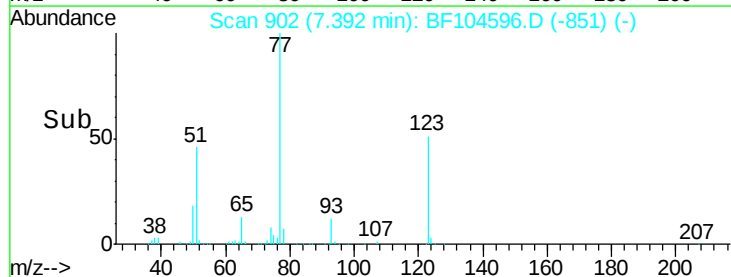
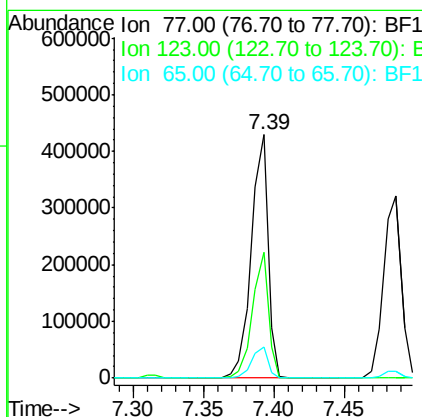
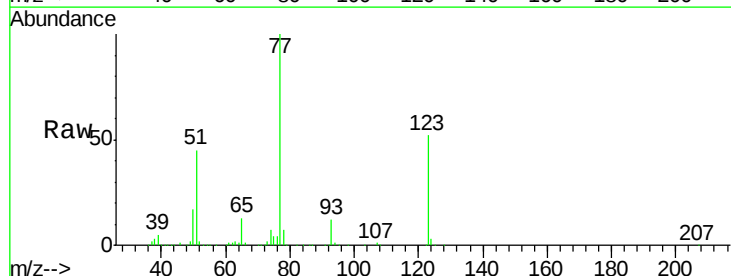
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 727770
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 43.7 41.4 62.2



#24
Nitrobenzene
Concen: 39.486 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Tgt Ion: 77 Resp: 361891
Ion Ratio Lower Upper
77 100
123 51.6 37.9 56.9
65 12.9 11.0 16.4





#25

Isophorone

Concen: 37.024 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

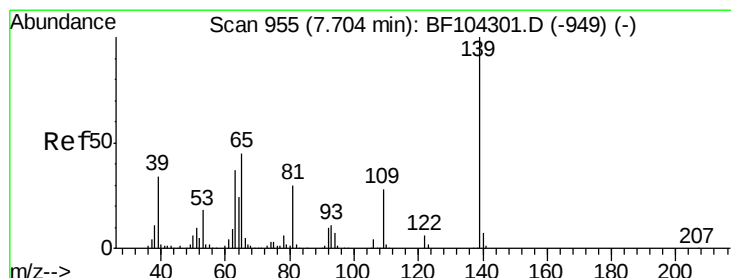
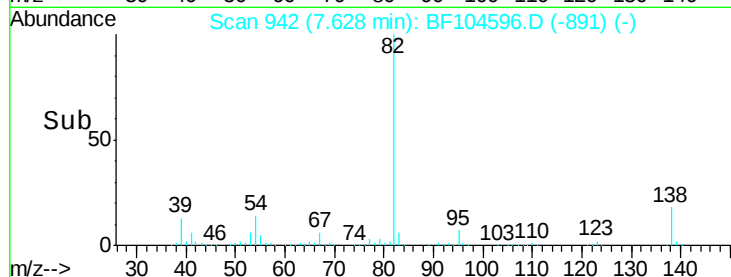
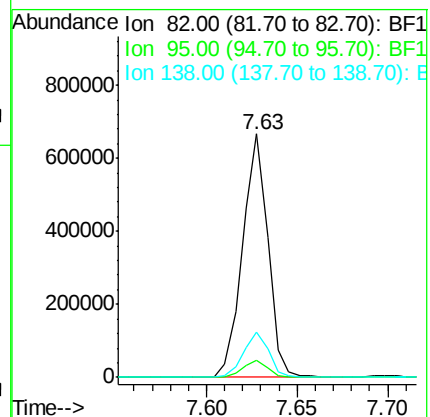
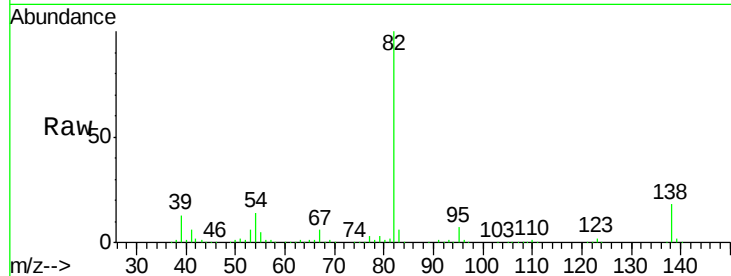
Tot Ion: 82 Resp: 649930

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 51.176 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

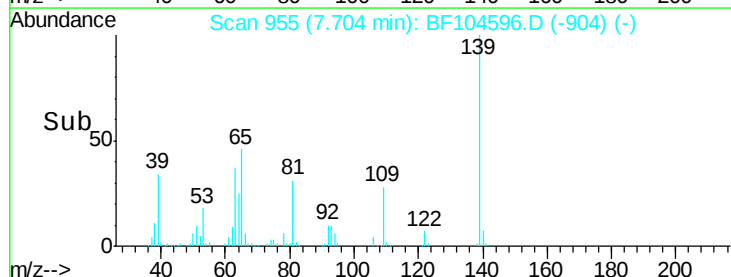
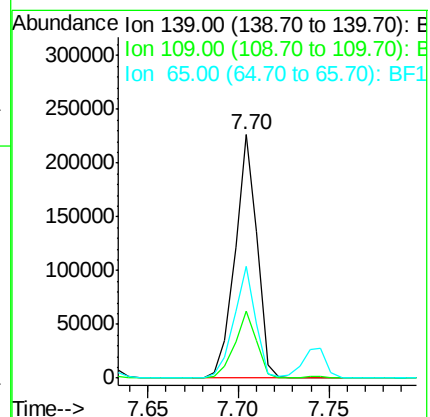
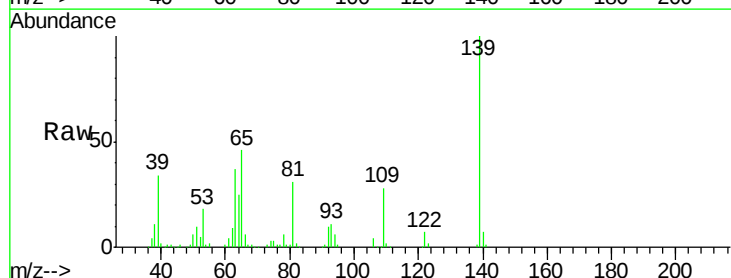
Tgt Ion: 139 Resp: 190946

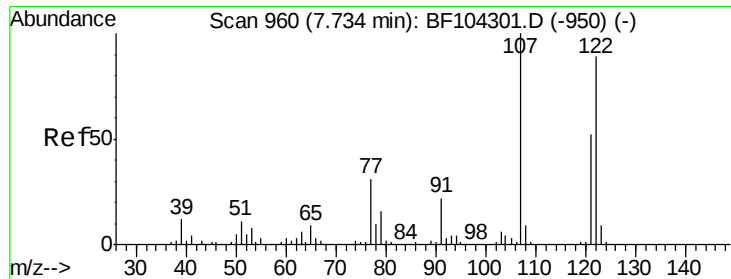
Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

65 46.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.782 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

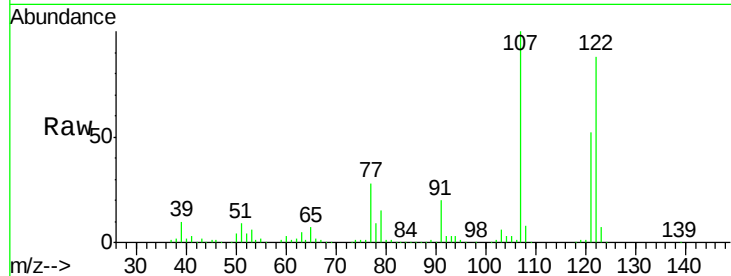
Tot Ion:122 Resp: 292702

Ion Ratio Lower Upper

122 100

107 113.3 91.2 136.8

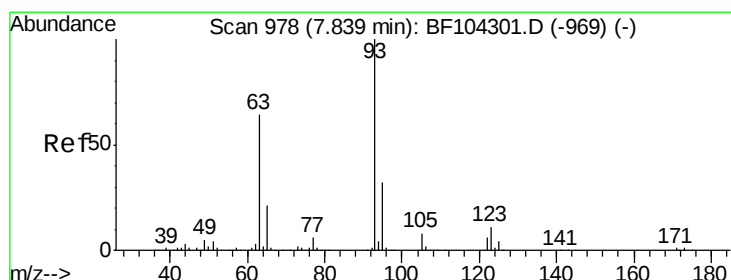
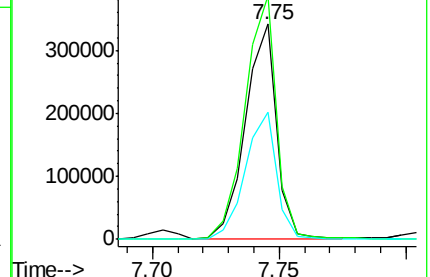
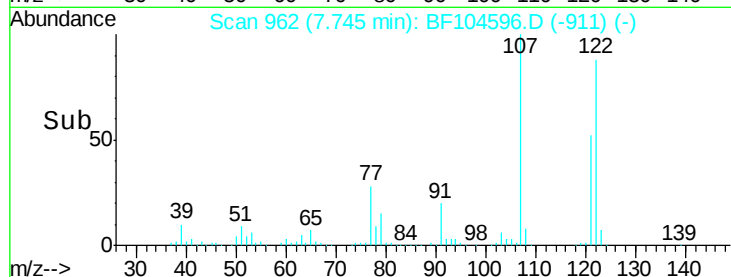
121 59.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.616 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

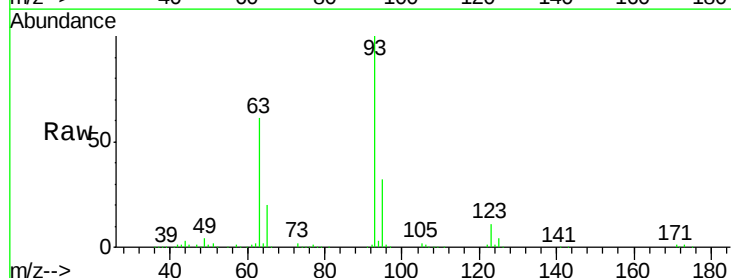
Tgt Ion: 93 Resp: 425185

Ion Ratio Lower Upper

93 100

95 31.8 26.3 39.5

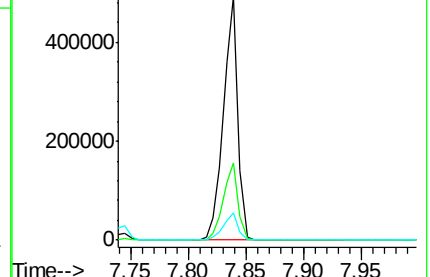
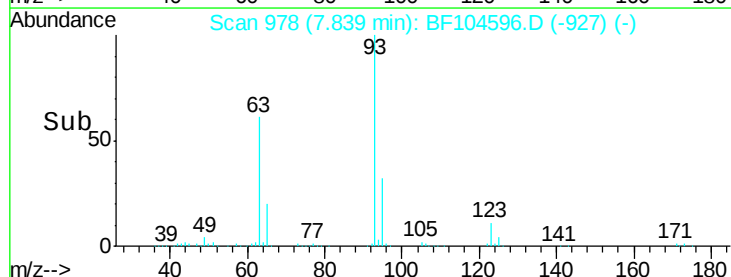
123 11.2 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

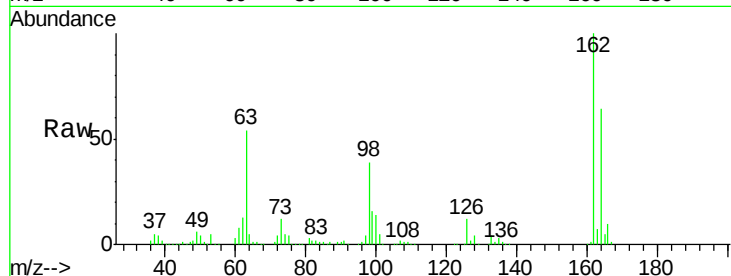




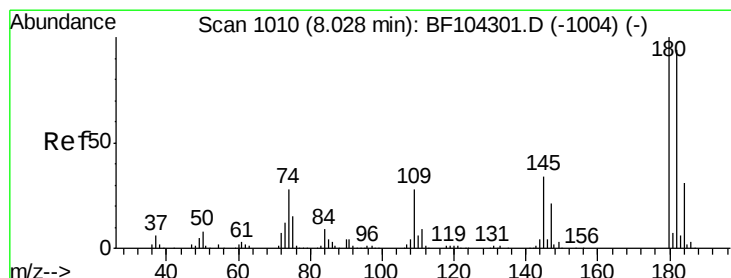
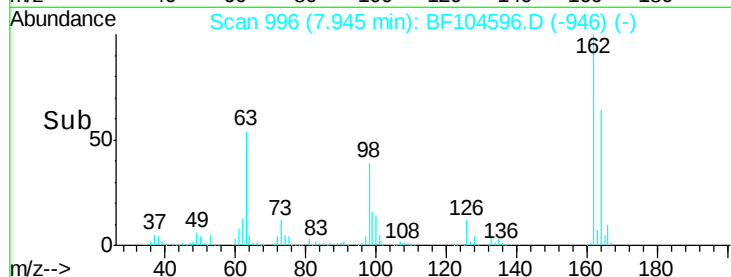
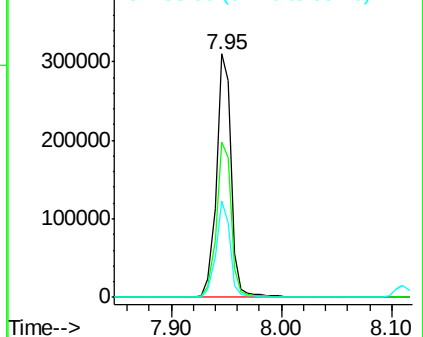
#29
 2,4-Dichlorophenol
 Concen: 38.906 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	39.3	18.1	58.1

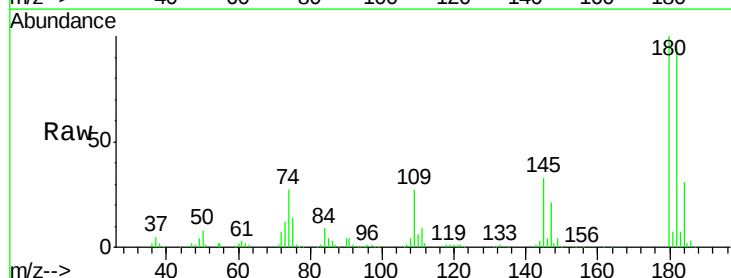


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

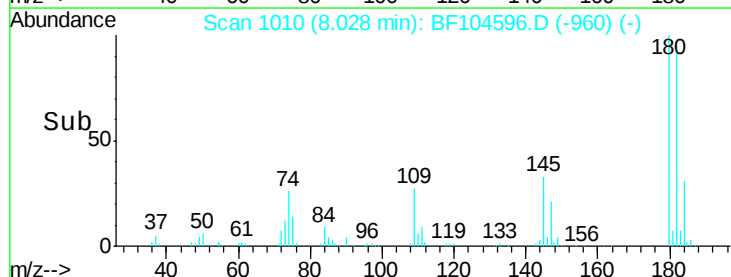
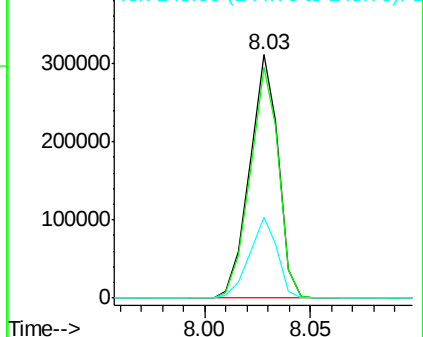


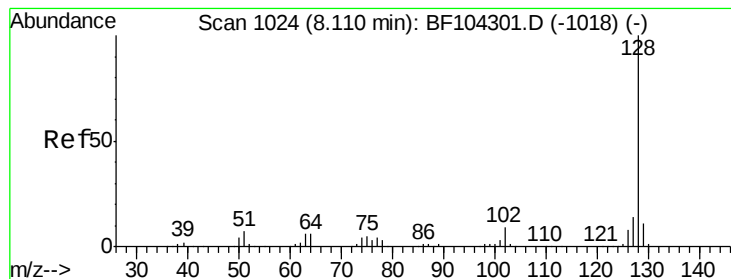
#30
 1,2,4-Trichlorobenzene
 Concen: 35.992 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.8	115.2
145	33.2	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: 36.447 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

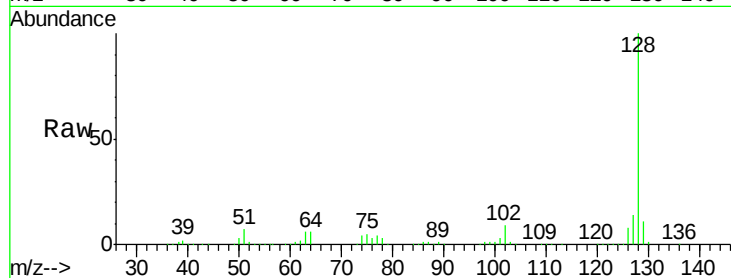
Tot Ion:128 Resp: 983756

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

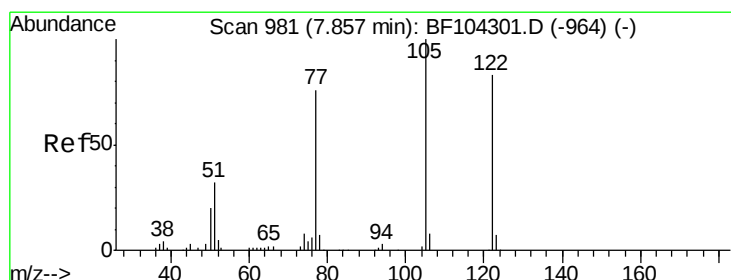
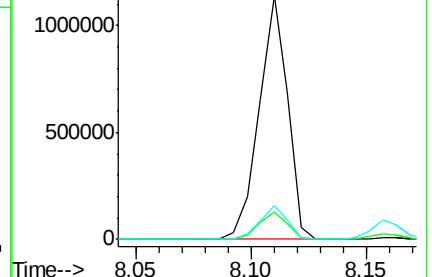
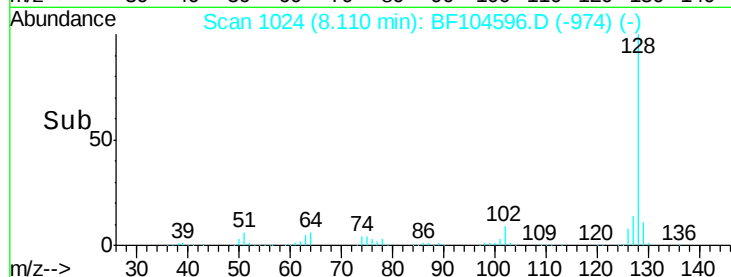
127 13.7 10.9 16.3



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: 8.599 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.05 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

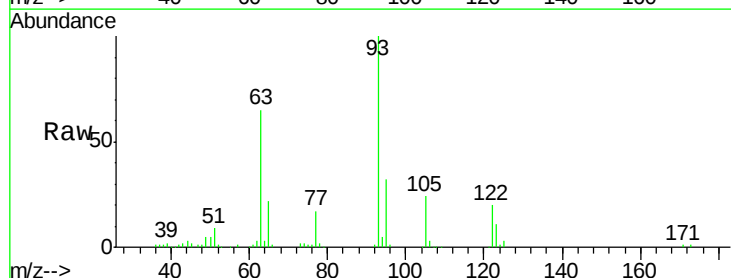
Tgt Ion:122 Resp: 53151

Ion Ratio Lower Upper

122 100

105 118.9 101.1 141.1

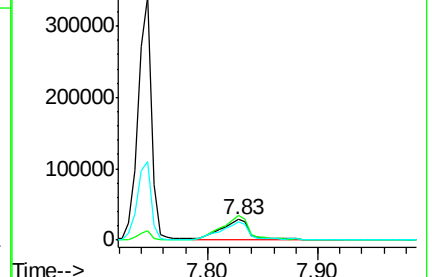
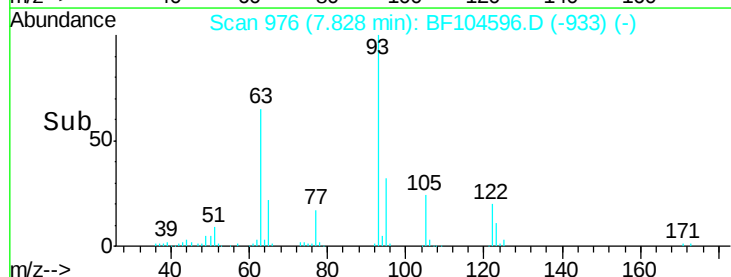
77 85.5 70.7 110.7

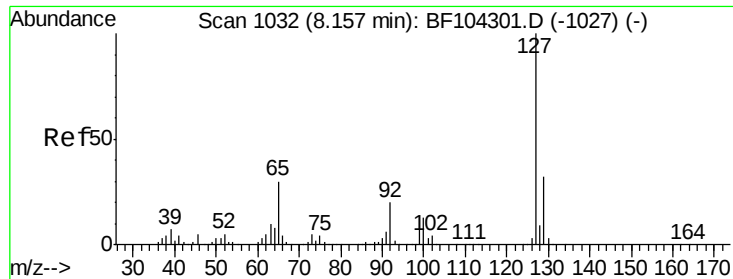


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

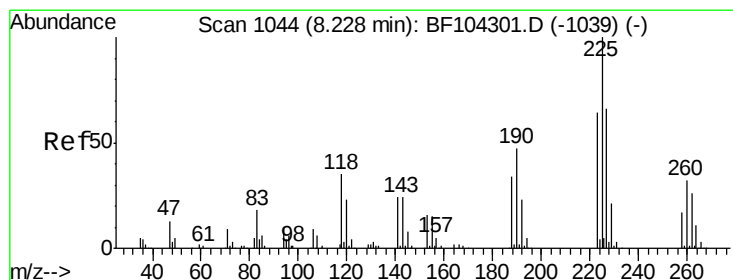
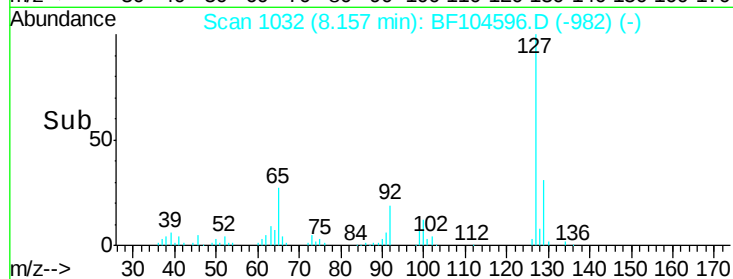
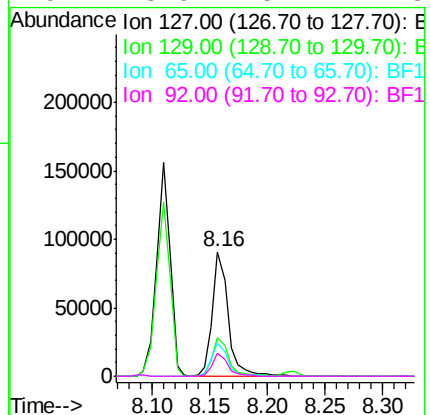
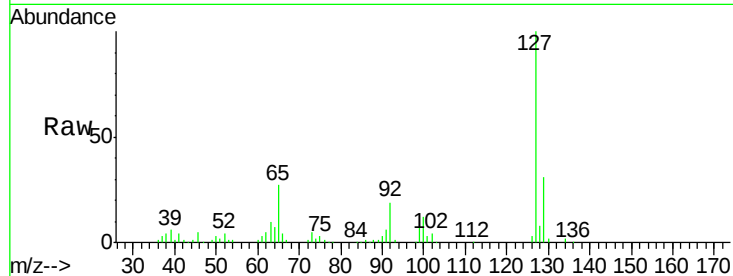




#33
4-Chloroaniline
Concen: 7.611 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

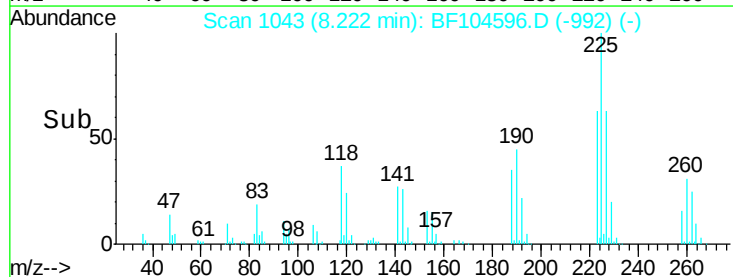
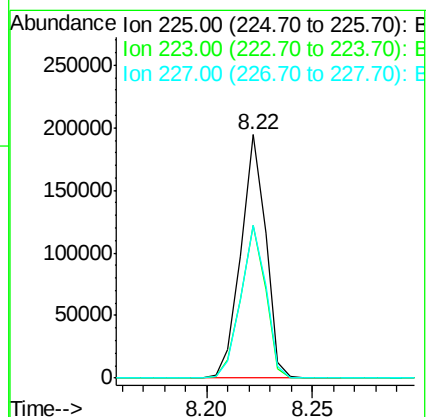
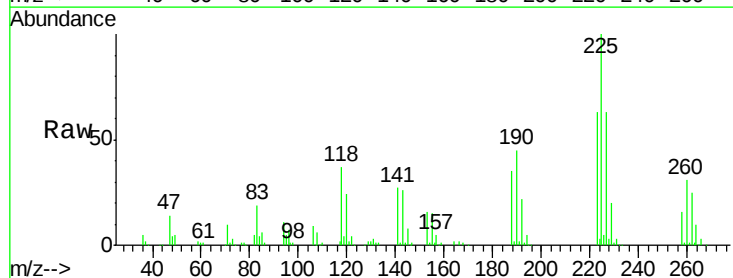
Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	88012
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	27.1	25.0	37.4
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.551 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Tgt Ion:	225	Resp:	157970
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.0	51.9	77.9

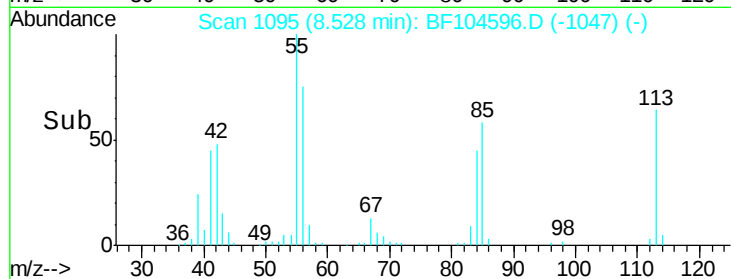
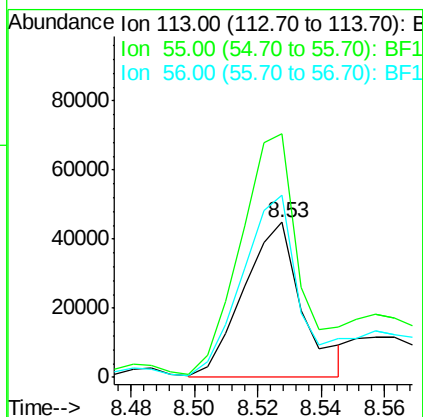
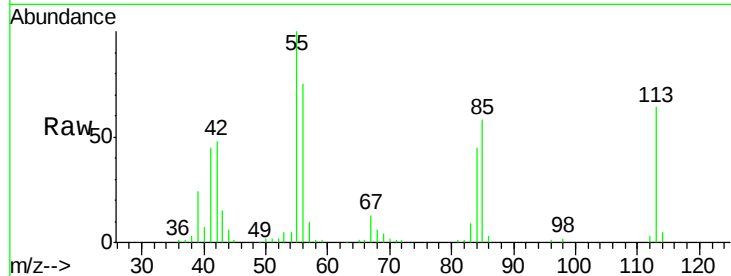




#35
Caprolactam
Concen: 22.257 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

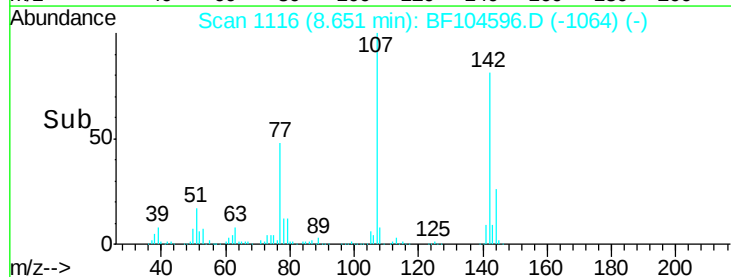
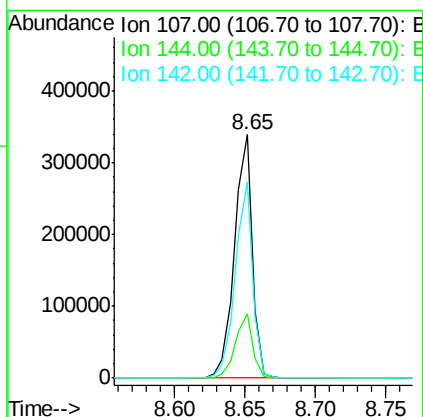
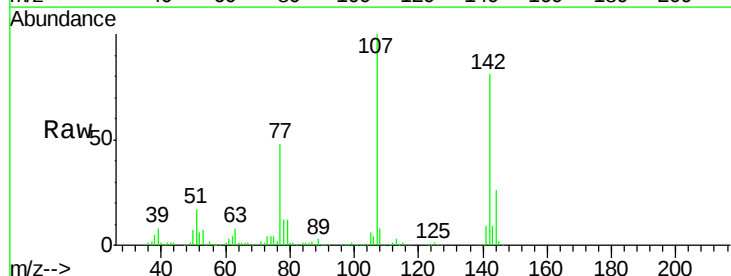
Instrument :
BNA_F
ClientSampleId :

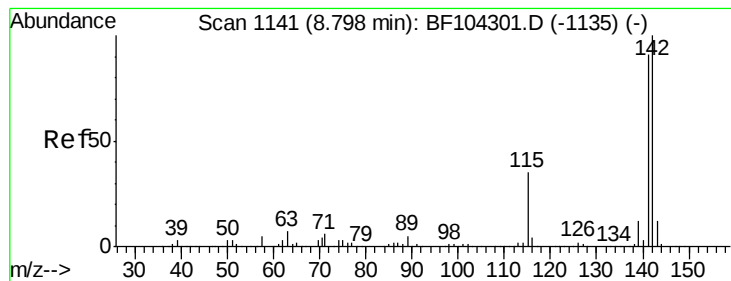
Tot Ion:113 Resp: 57395
Ion Ratio Lower Upper
113 100
55 157.1 163.3 203.3#
56 117.9 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 37.757 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Tgt Ion:107 Resp: 299270
Ion Ratio Lower Upper
107 100
144 26.2 20.5 30.7
142 80.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 37.247 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

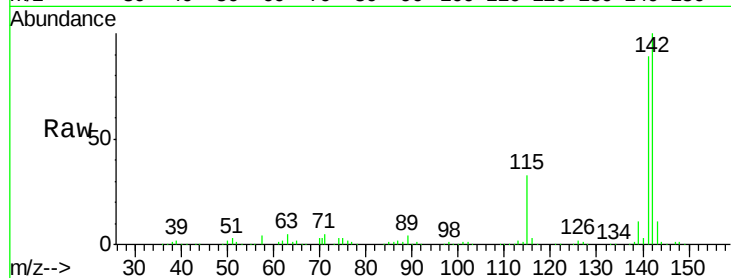
Tot Ion:142 Resp: 650312

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2

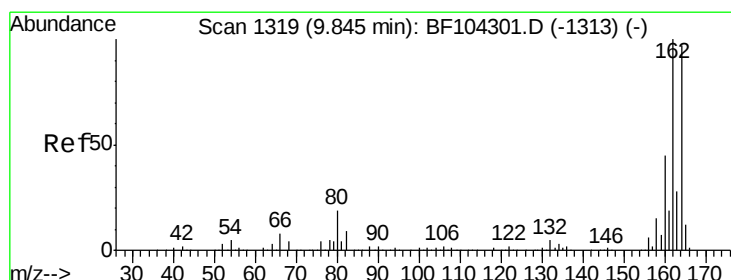
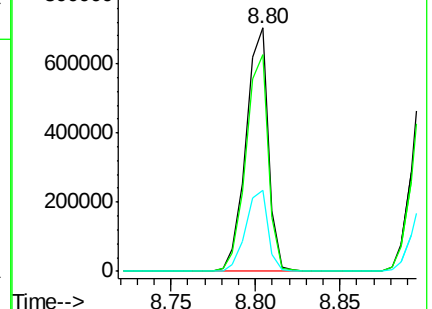
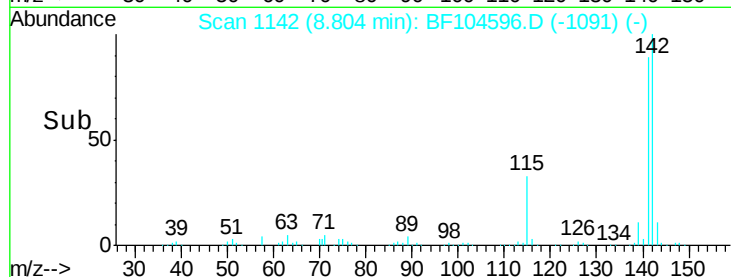
115 33.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

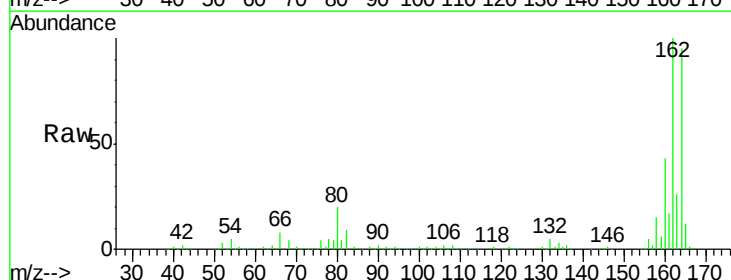
Tgt Ion:164 Resp: 242504

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

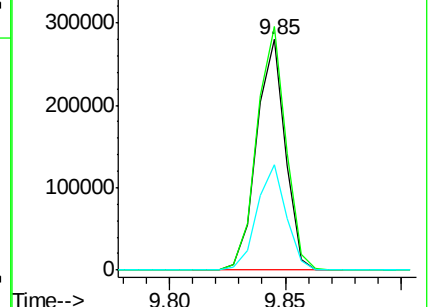
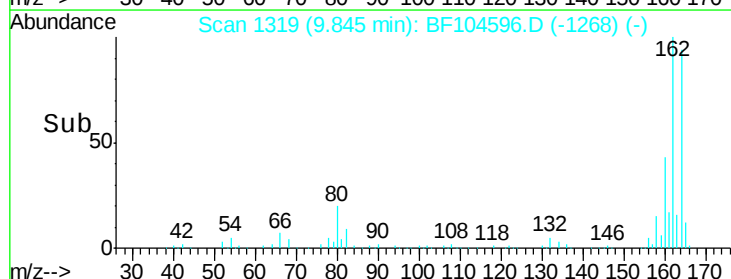
160 45.9 38.3 57.5

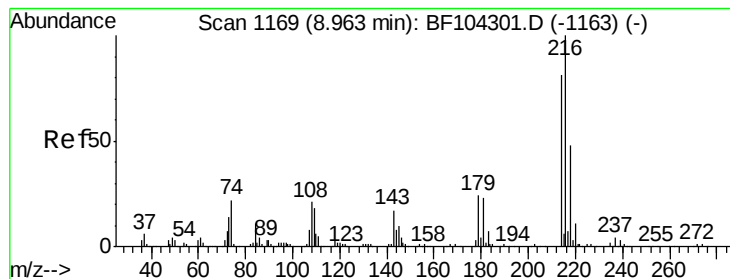


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.094 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 271385

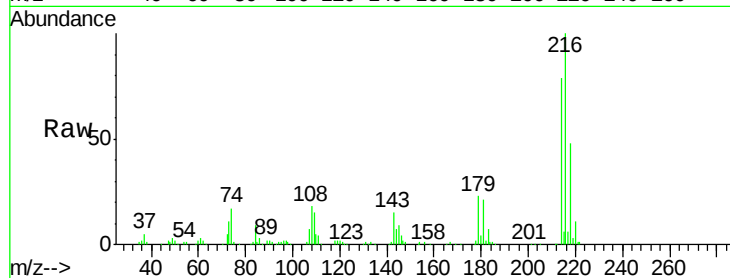
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 22.9 18.1 27.1

108 22.1 17.2 25.8

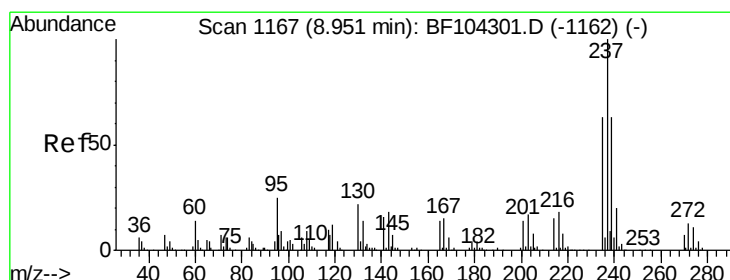
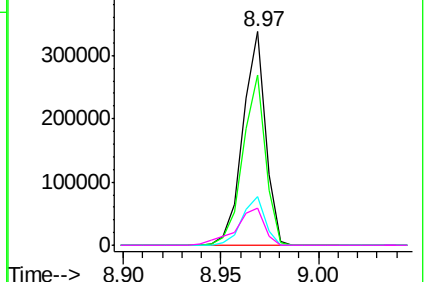
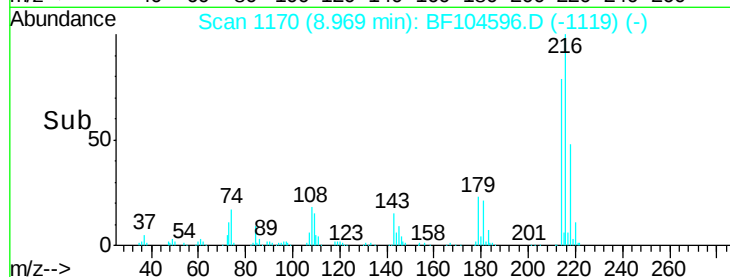


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 64.212 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

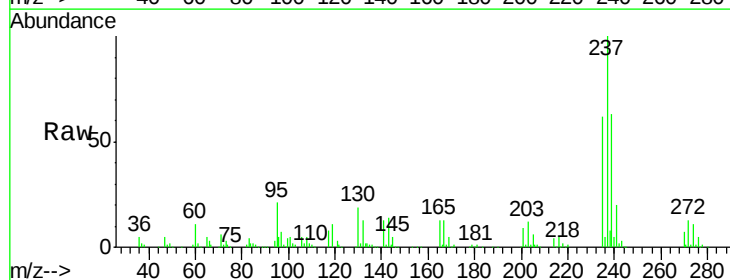
Tgt Ion:237 Resp: 249548

Ion Ratio Lower Upper

237 100

235 62.2 44.8 84.8

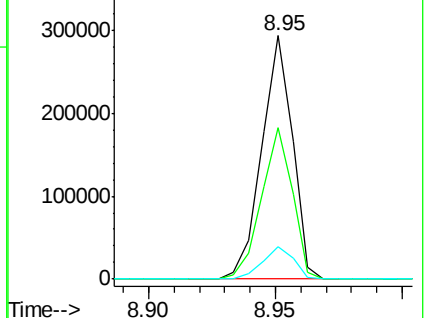
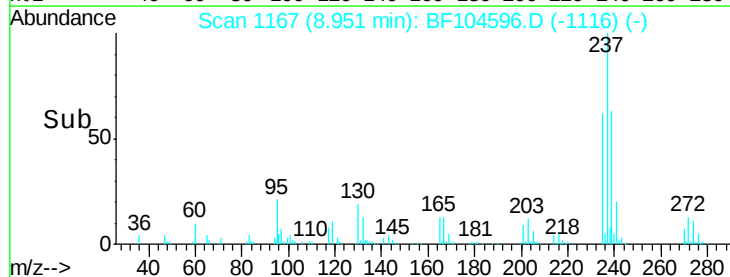
272 13.4 0.0 33.3

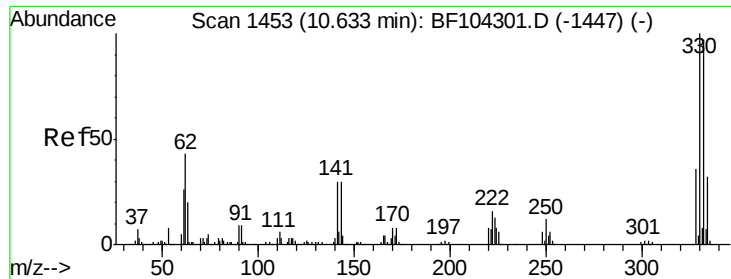


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

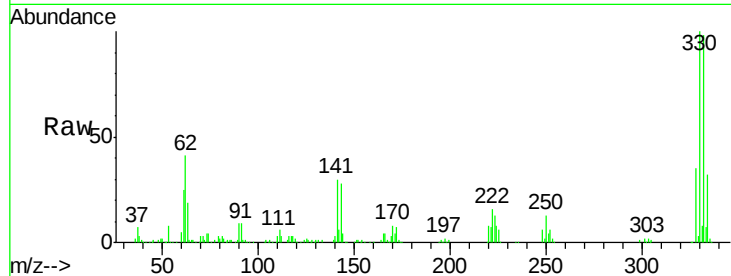




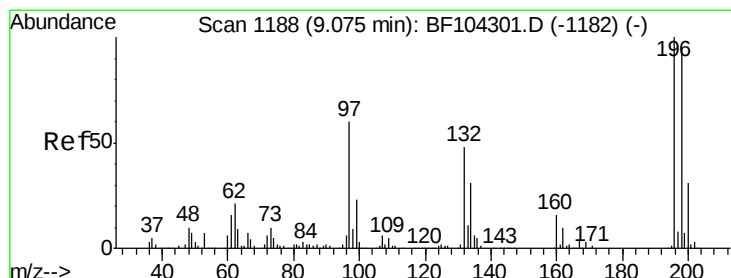
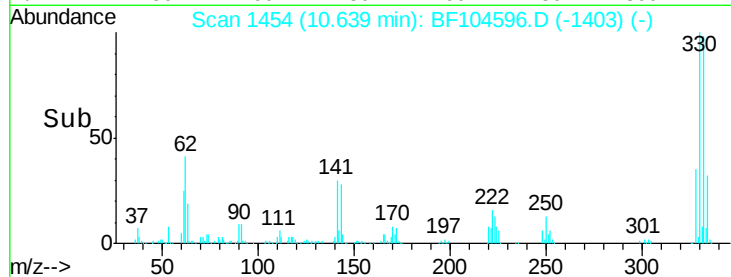
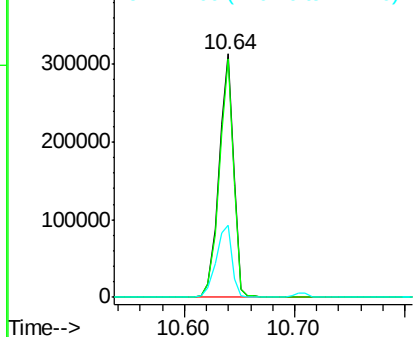
#41
 2,4,6-Tribromophenol
 Concen: 113.888 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 286492
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 32.4 29.9 44.9

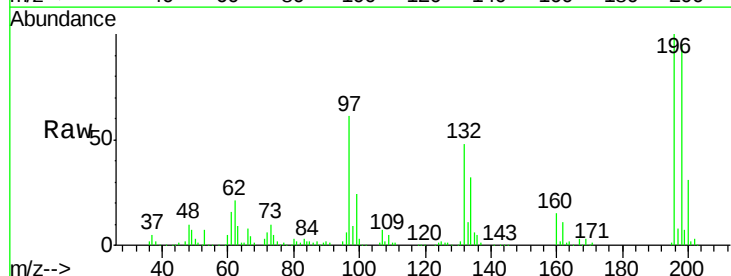


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

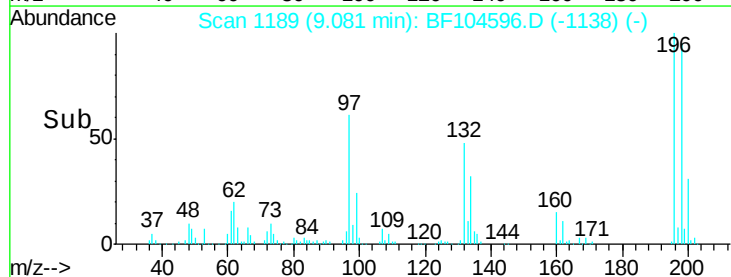
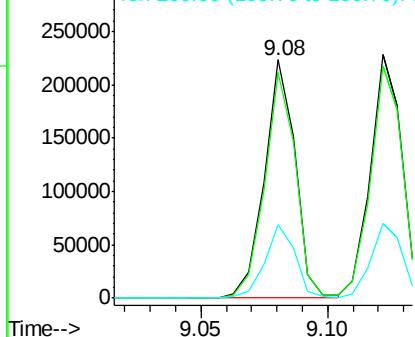


#42
 2,4,6-Trichlorophenol
 Concen: 39.525 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Tgt Ion:196 Resp: 190468
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 200 30.9 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

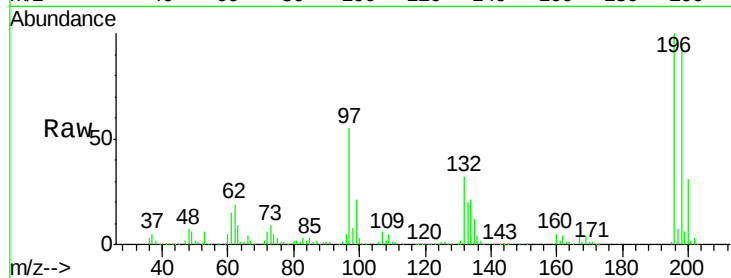




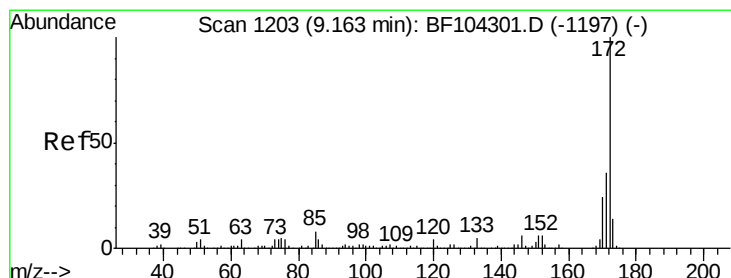
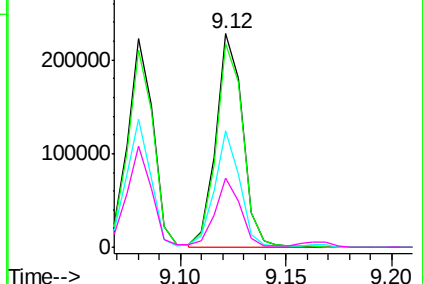
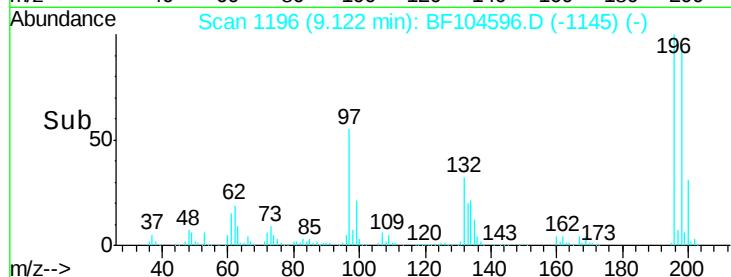
#43
 2,4,5-Trichlorophenol
 Concen: 37.054 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	199815
Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.6	112.0
97	54.6	42.9	64.3
132	32.3	26.3	39.5

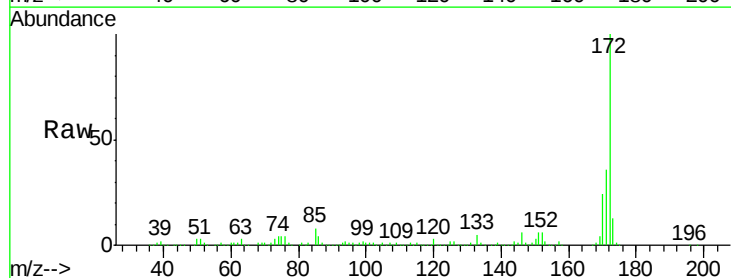


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

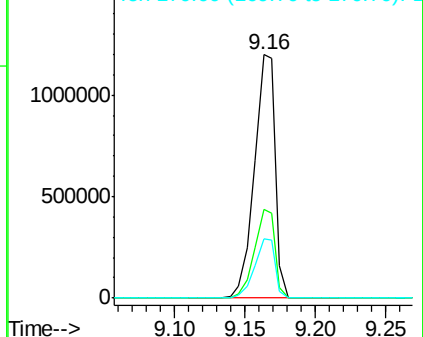
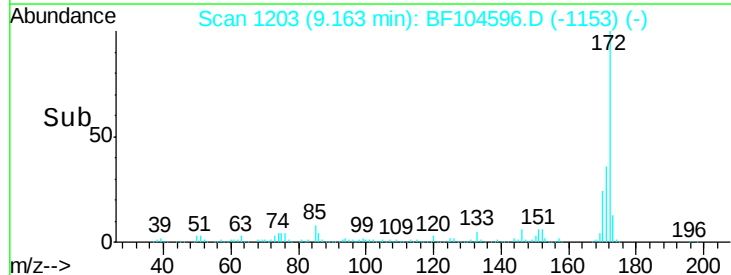


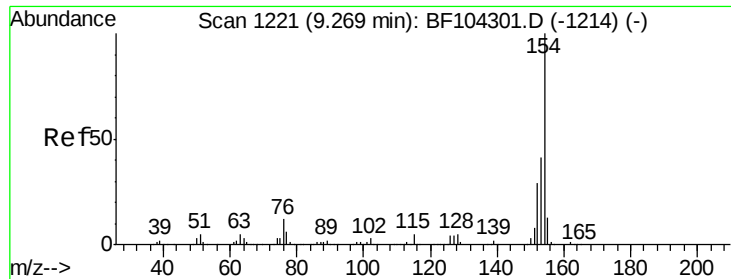
#44
 2-Fluorobiphenyl
 Concen: 81.317 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Tgt Ion:	172	Resp:	1248271
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4



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

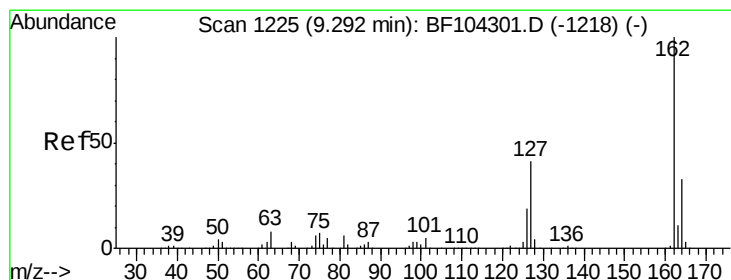
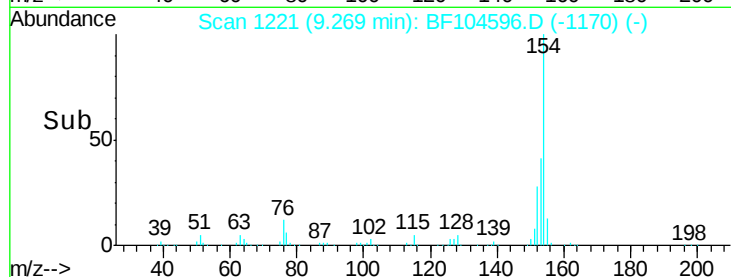
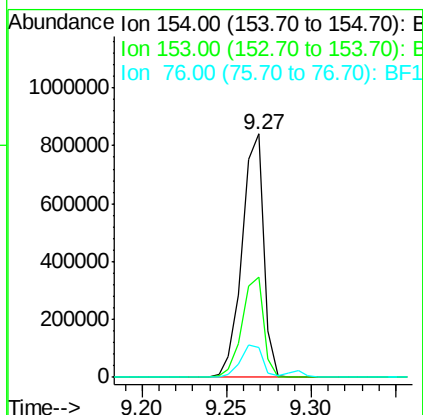
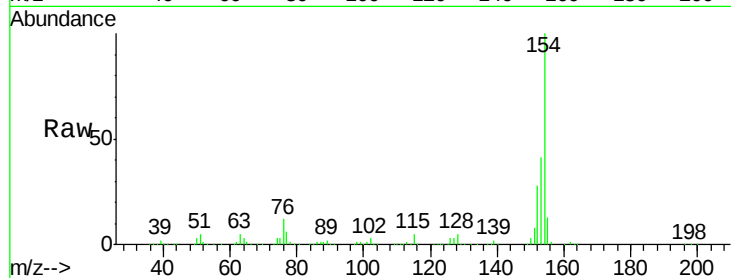




#45
 1,1'-Biphenyl
 Concen: 36.806 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

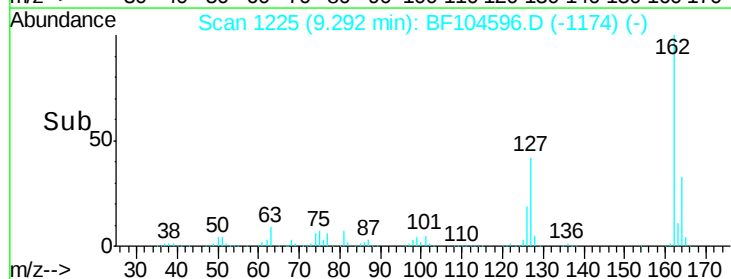
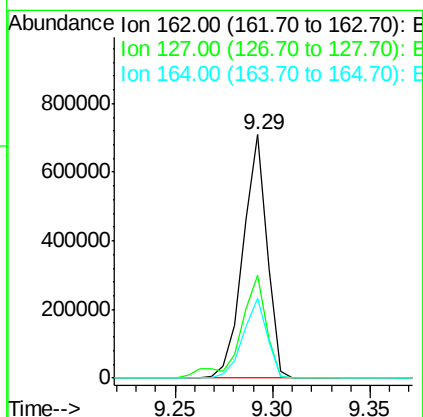
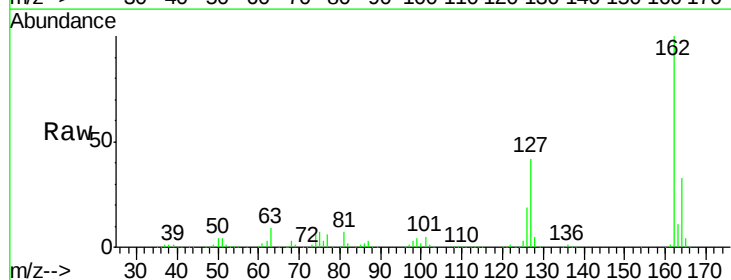
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 749803
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 12.3 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 37.414 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Tgt Ion:162 Resp: 602036
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.9 50.9
 164 32.8 26.5 39.7

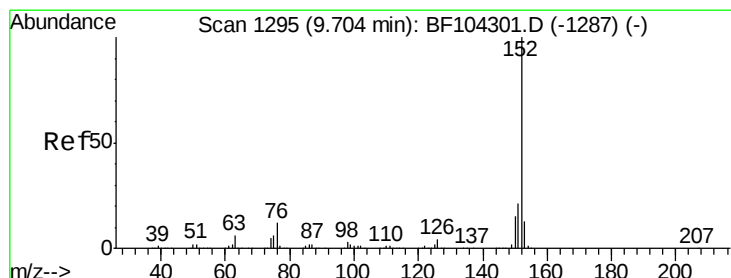
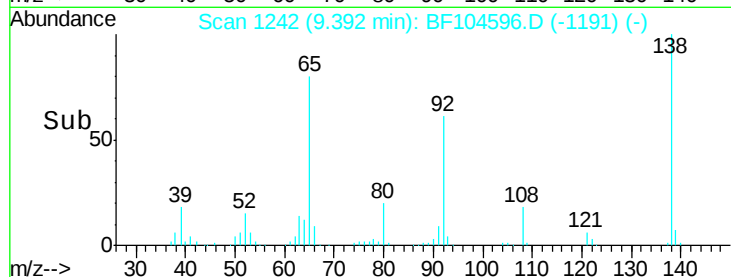
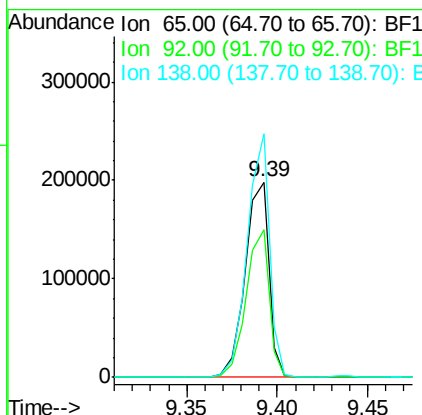
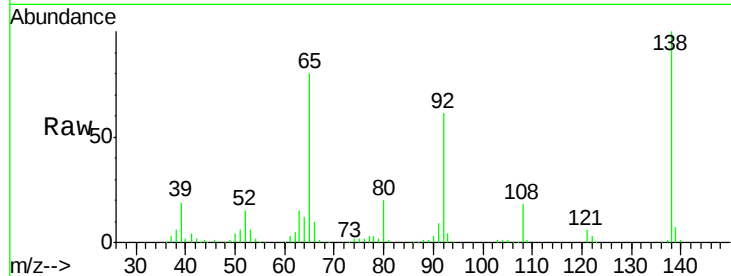




#47
 2-Nitroaniline
 Concen: 45.563 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

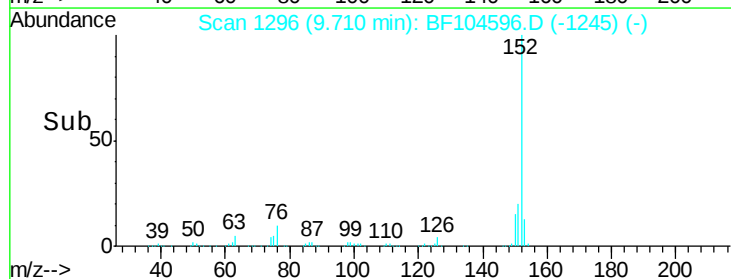
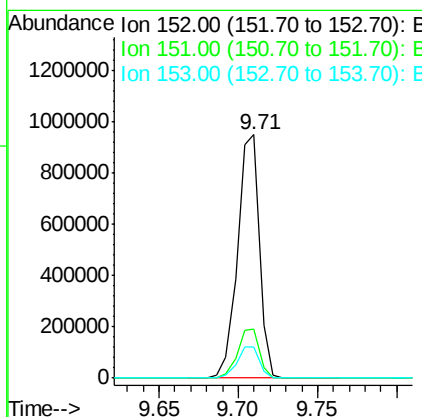
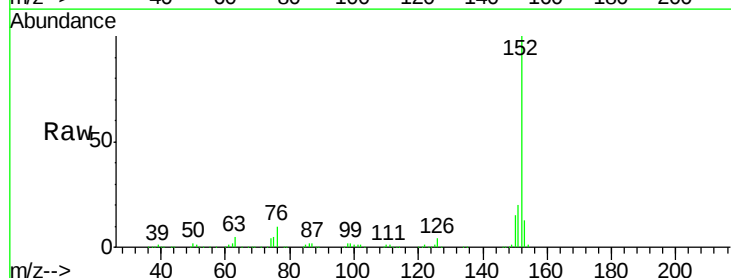
Instrument :
 BNA_F
 ClientSampleId :

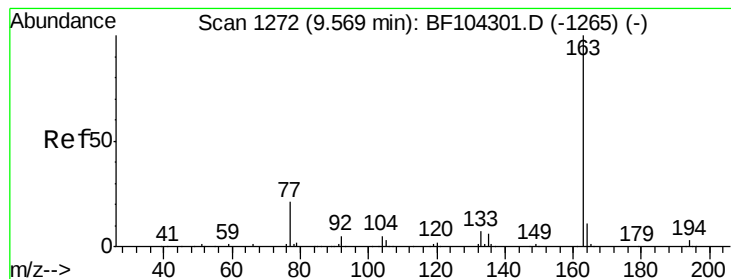
Tot Ion	Ratio	Lower	Upper
65	100		
92	75.6	55.8	83.6
138	124.7	91.2	136.8



#48
 Acenaphthylene
 Concen: 35.833 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	12.9	10.7	16.1





#49

Dimethylphthalate

Concen: 42.228 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

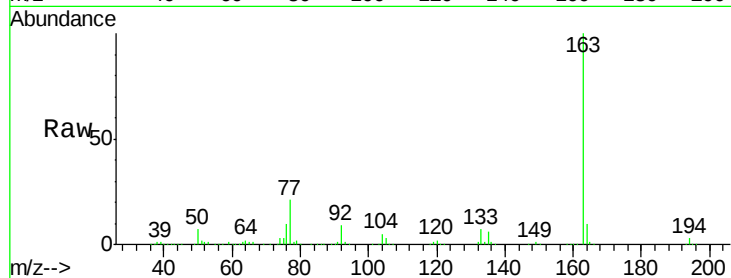
Tot Ion:163 Resp: 807549

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

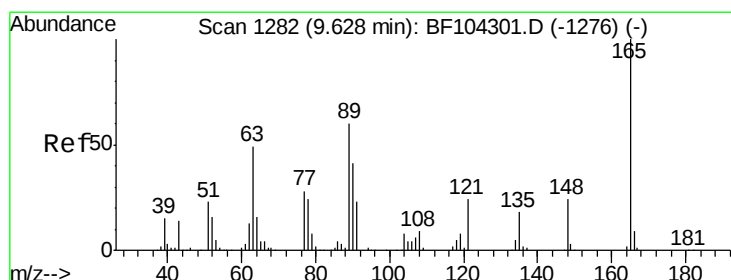
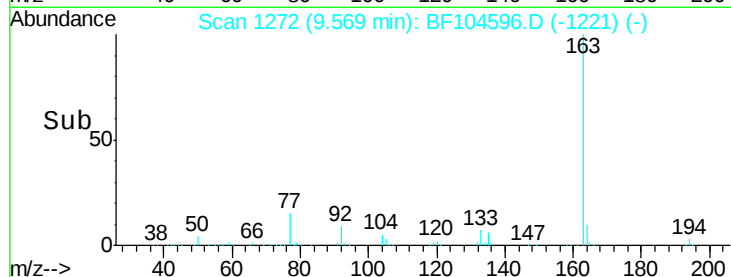
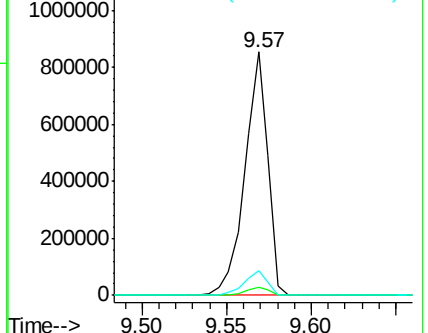
164 10.1 8.2 12.2



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: 43.439 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

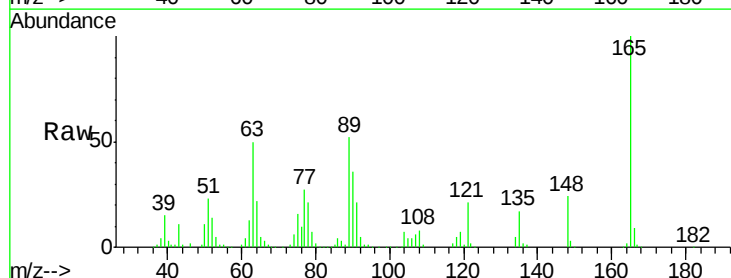
Tgt Ion:165 Resp: 153712

Ion Ratio Lower Upper

165 100

63 49.5 44.7 67.1

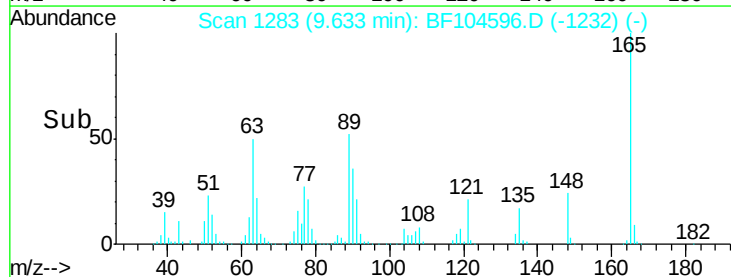
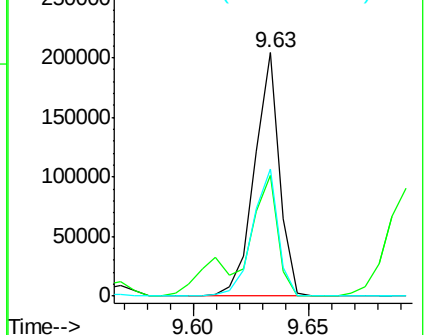
89 52.5 44.0 66.0

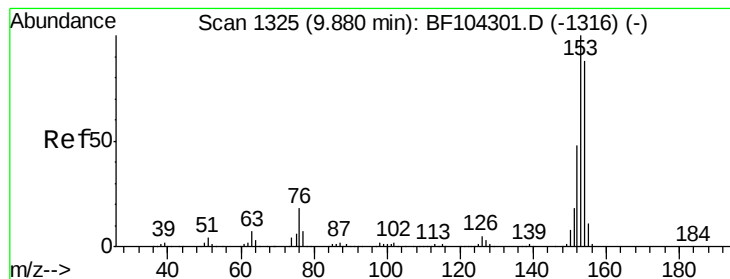


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 34.340 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

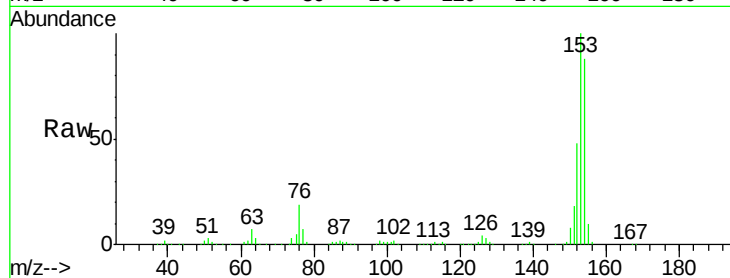
Tot Ion:154 Resp: 528979

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

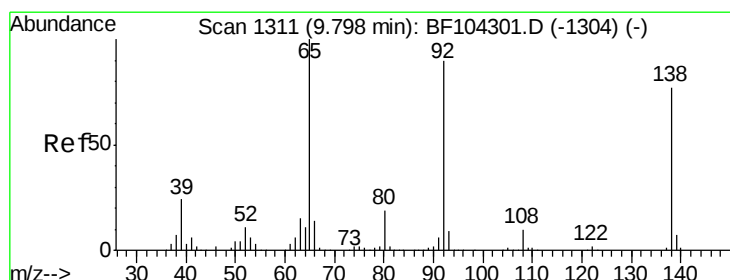
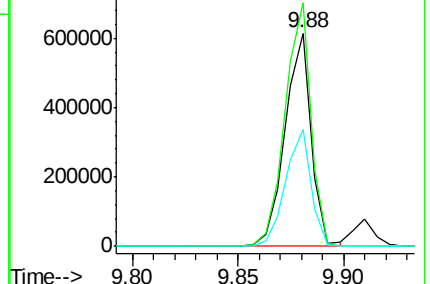
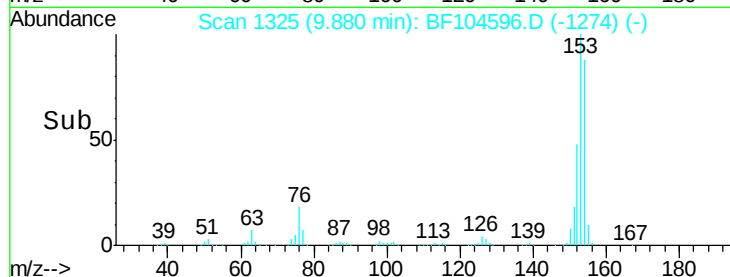
152 54.7 43.8 65.8



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: 16.688 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

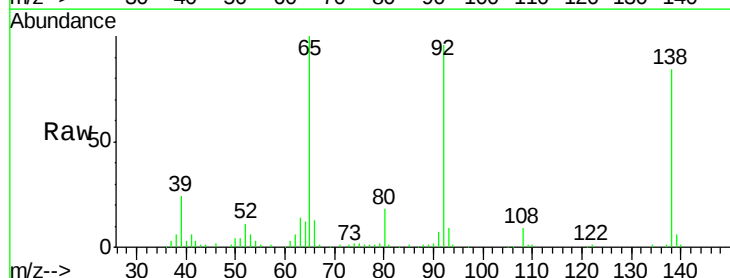
Tgt Ion:138 Resp: 69130

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

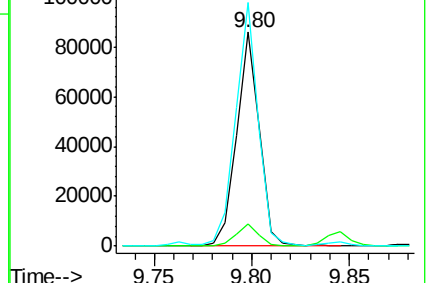
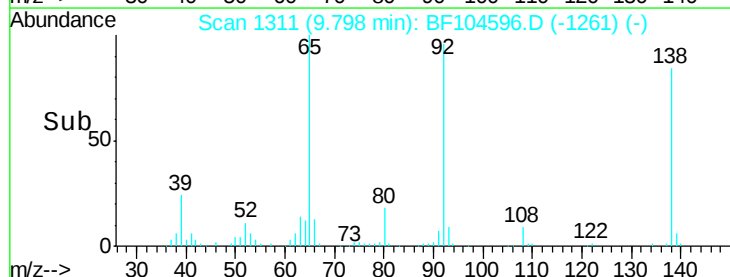
92 114.0 89.4 134.2



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

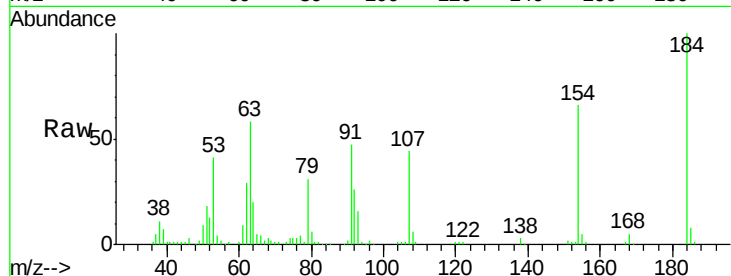




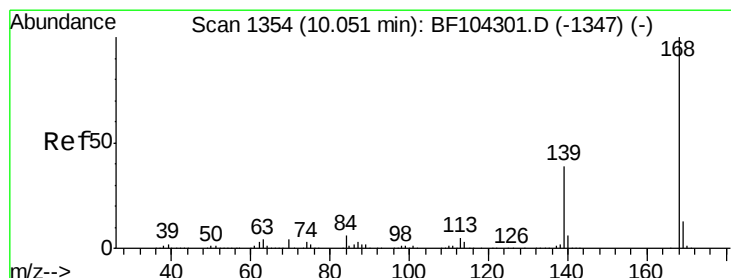
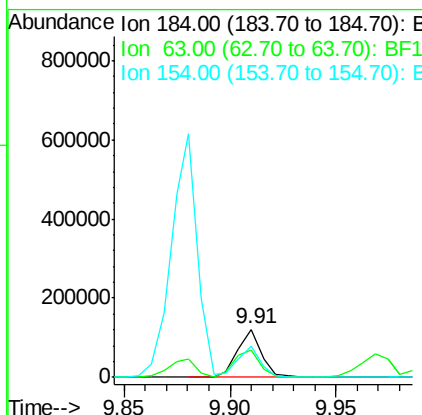
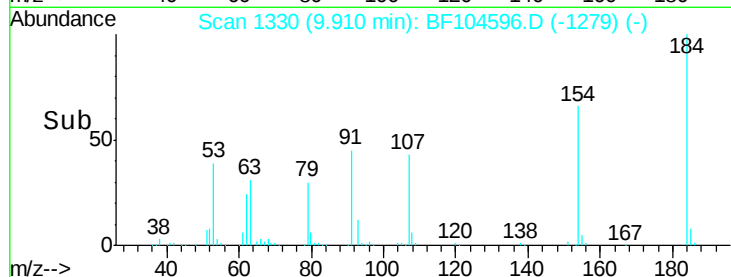
#53
 2,4-Dinitrophenol
 Concen: 70.231 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 96690
 Ion Ratio Lower Upper
 184 100
 63 57.9 54.2 81.2
 154 65.6 184.0 276.0#

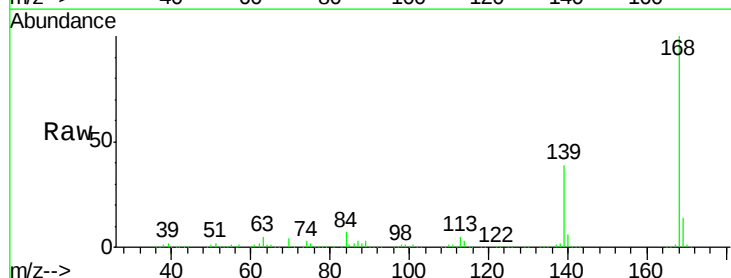


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

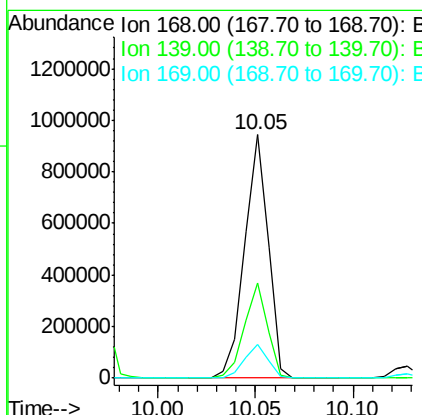
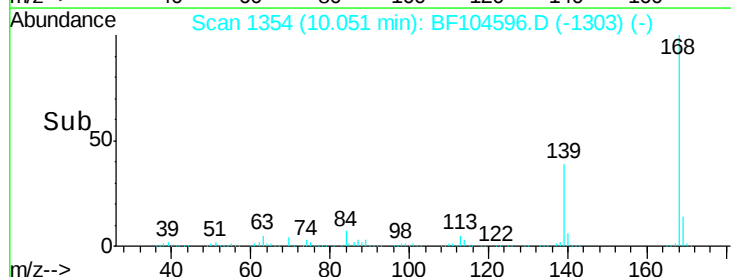


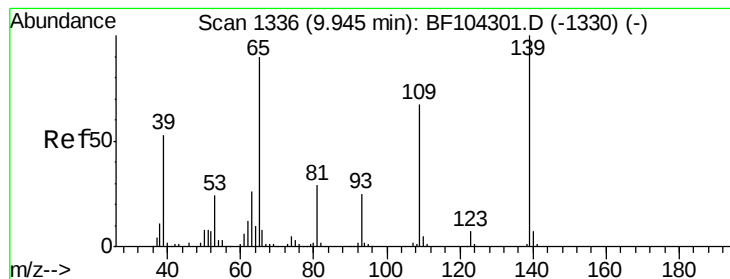
#54
 Dibenzofuran
 Concen: 36.833 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Tgt Ion:168 Resp: 790691
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.1 45.1
 169 13.6 10.9 16.3



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





#55

4-Nitrophenol

Concen: 74.226 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

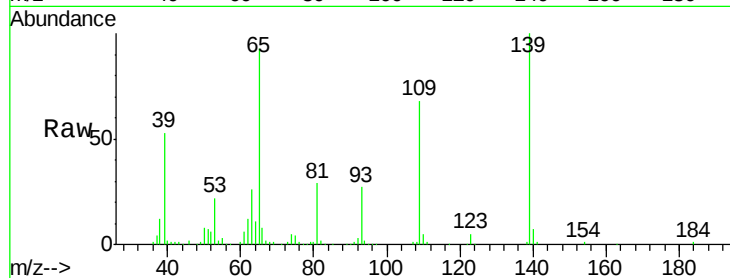
Tot Ion:139 Resp: 241543

Ion Ratio Lower Upper

139 100

109 67.6 48.4 88.4

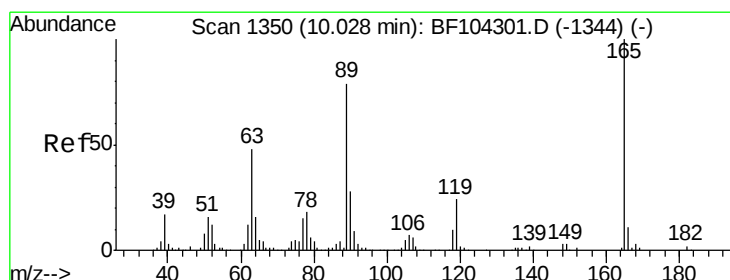
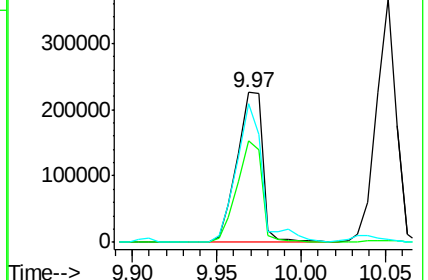
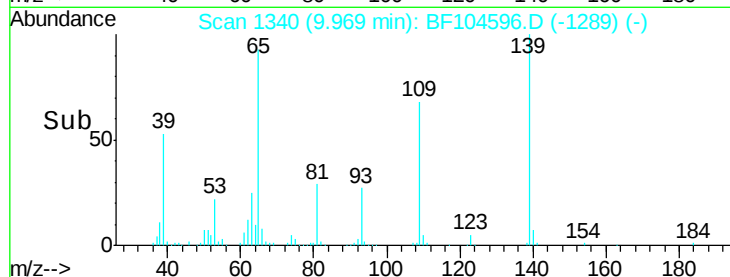
65 92.8 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 43.535 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Tgt Ion:165 Resp: 202071

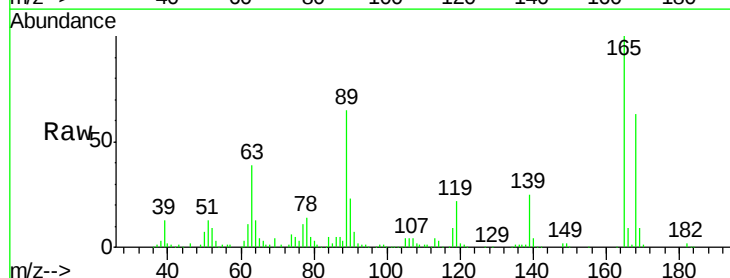
Ion Ratio Lower Upper

165 100

63 38.6 36.4 54.6

89 65.2 57.8 86.6

182 2.2 1.6 2.4

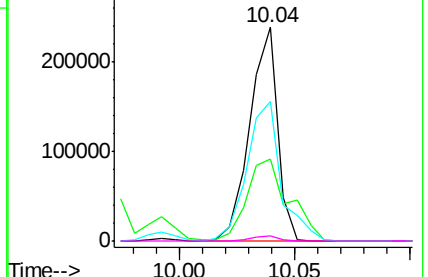
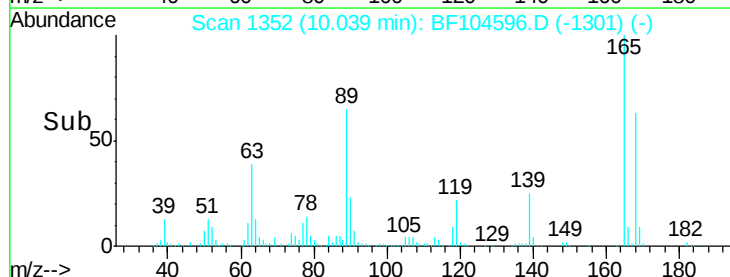


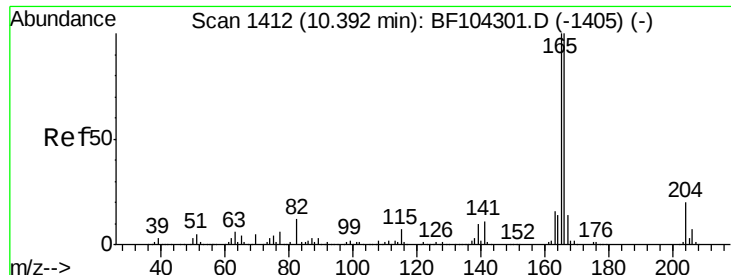
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

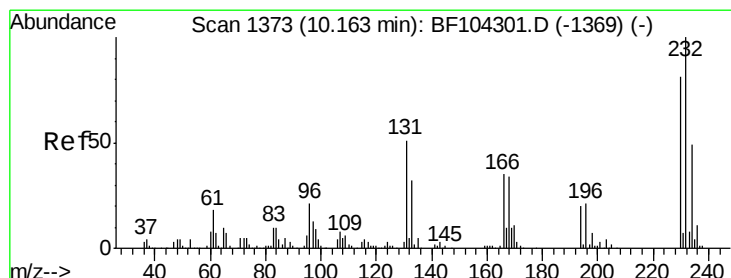
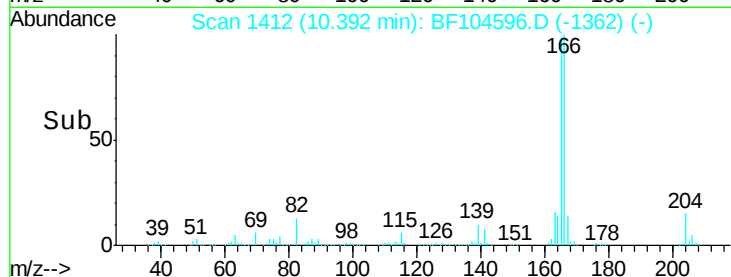
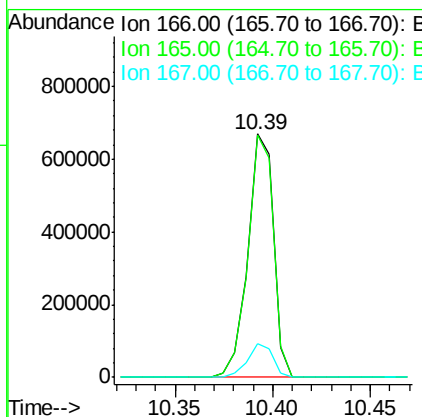
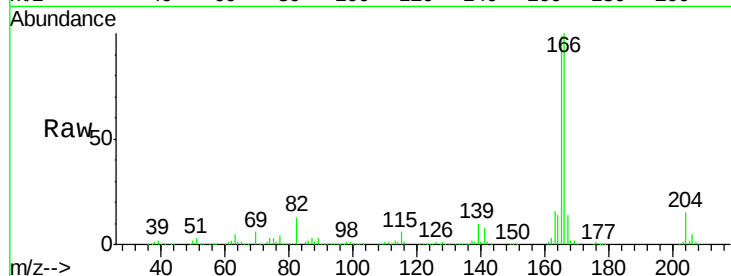




#57
 Fluorene
 Concen: 39.014 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

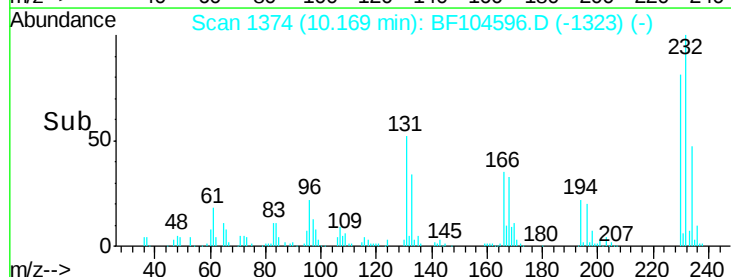
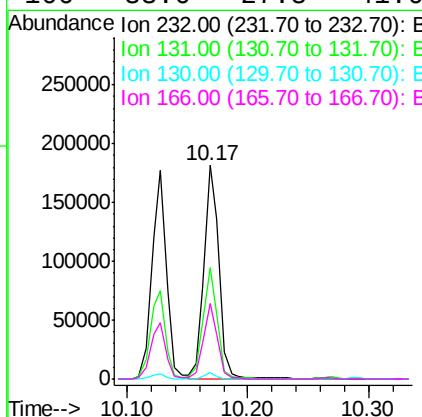
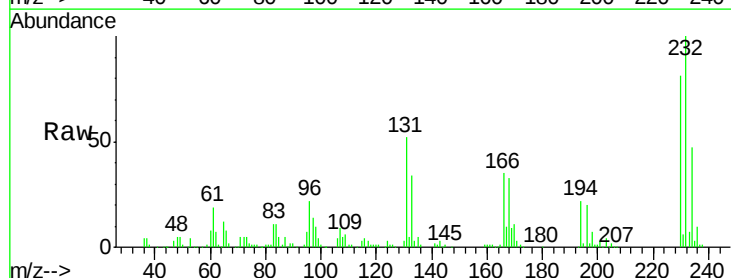
Instrument :
 BNA_F
 ClientSampleId :

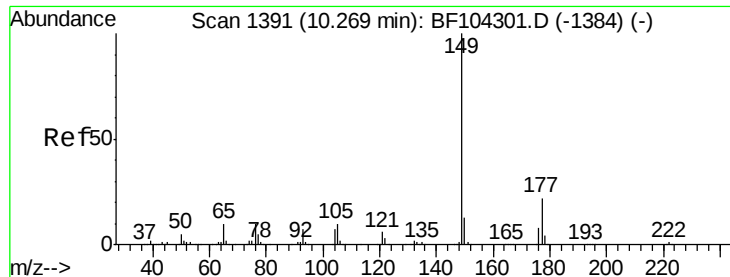
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	13.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.663 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.7	43.8	65.8
130	2.6	2.1	3.1
166	33.6	27.8	41.6

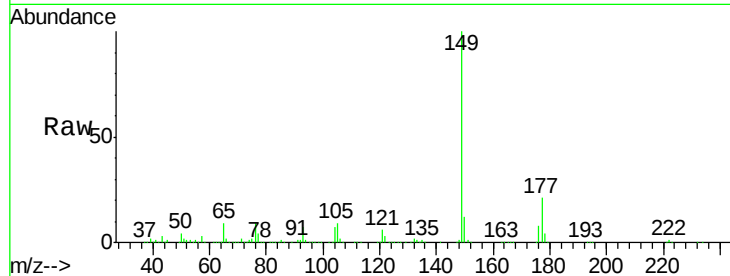




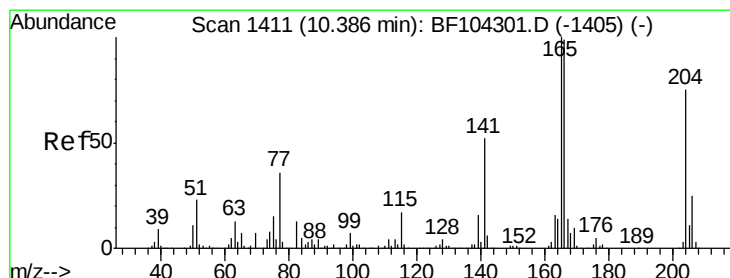
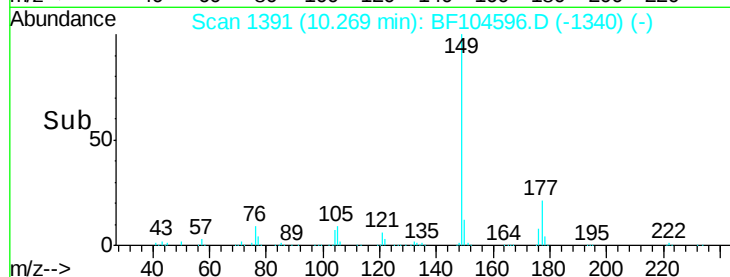
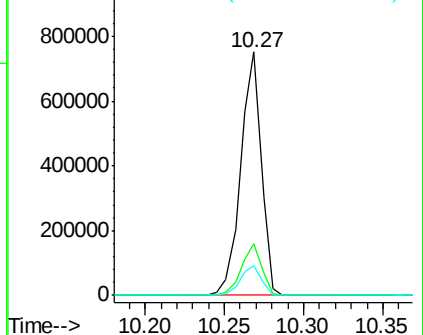
#59
Diethylphthalate
Concen: 35.320 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 672693
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.4 10.1 15.1

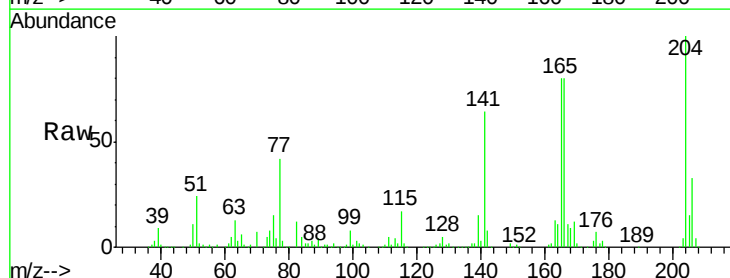


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

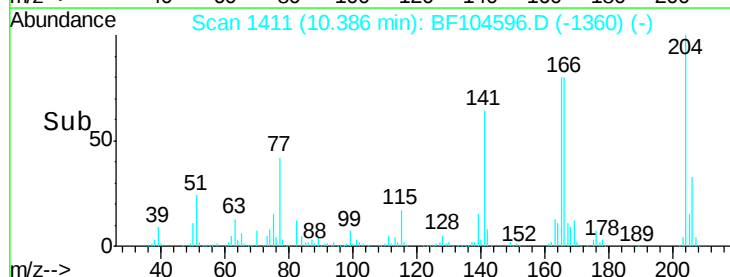
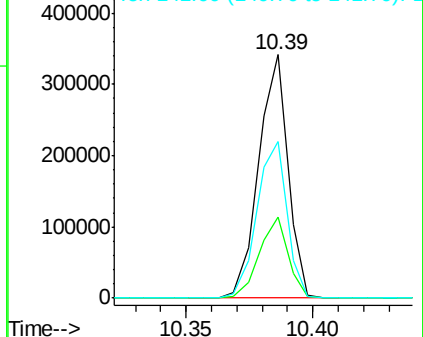


#60
4-Chlorophenyl-phenylether
Concen: 39.743 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Tgt Ion:204 Resp: 276560
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 64.1 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

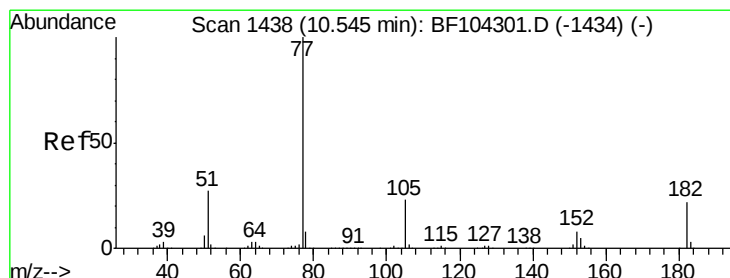
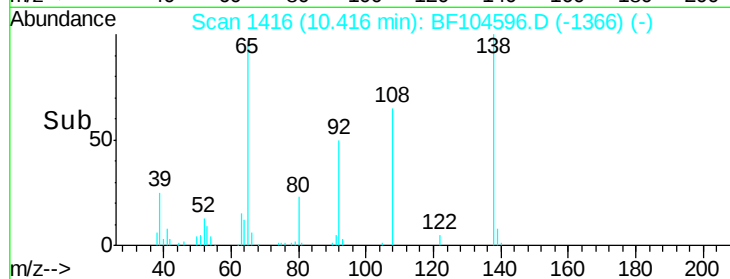
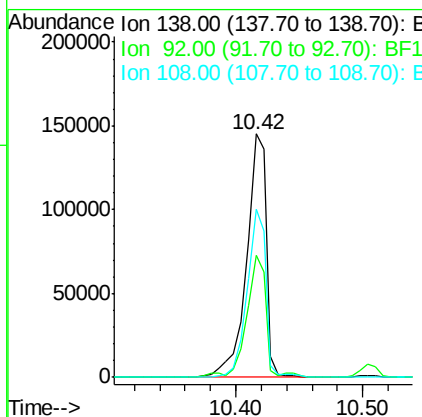
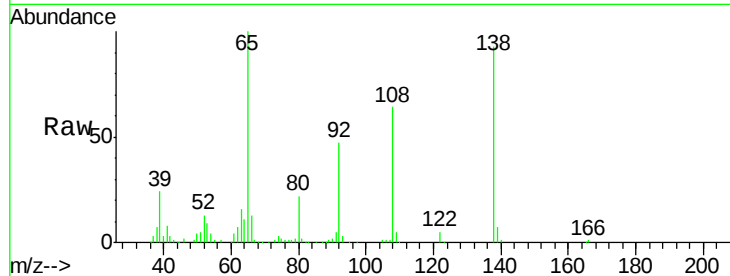




#61
4-Nitroaniline
Concen: 38.996 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

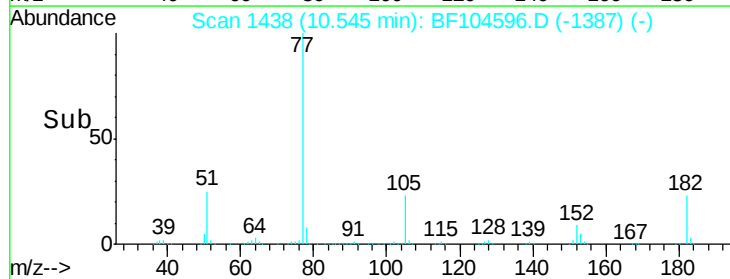
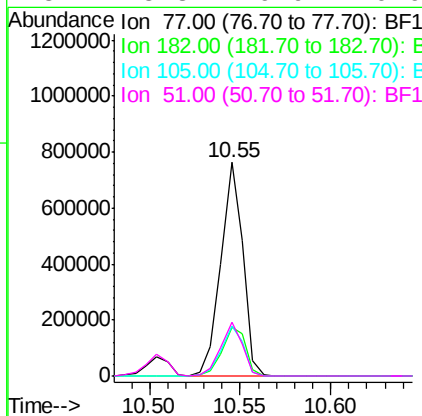
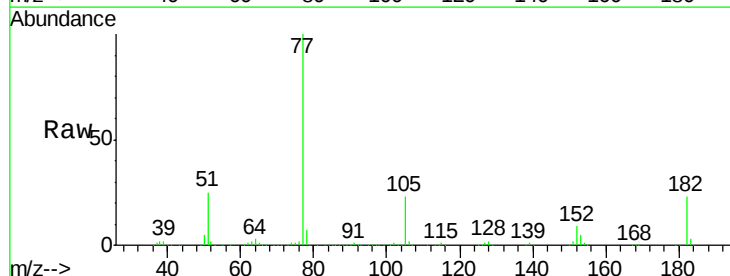
Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 157956
Ion Ratio Lower Upper
138 100
92 50.3 30.2 70.2
108 69.0 52.5 92.5



#62
Azobenzene
Concen: 35.361 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Tgt Ion: 77 Resp: 643427
Ion Ratio Lower Upper
77 100
182 22.9 1.7 41.7
105 23.3 3.0 43.0
51 25.3 9.9 49.9

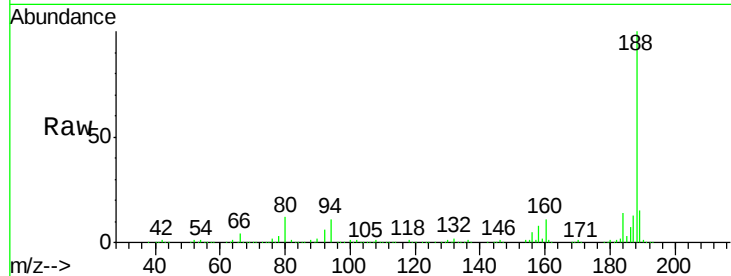




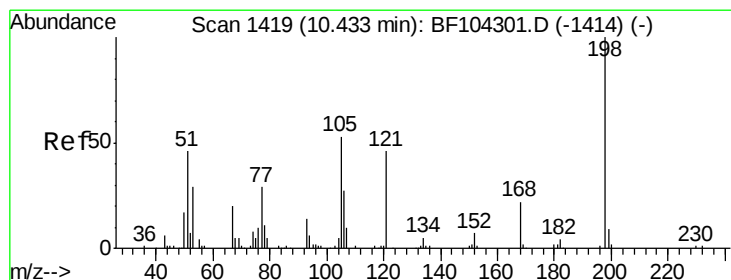
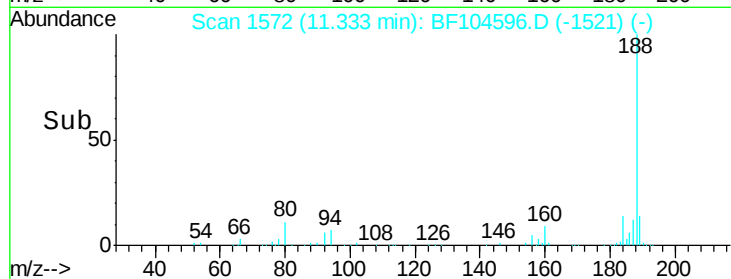
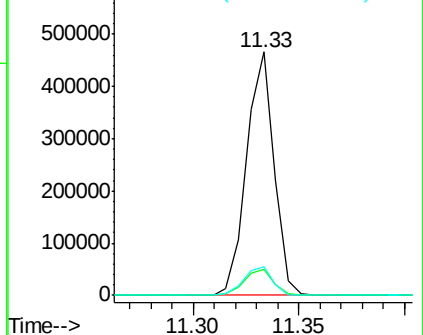
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.8	9.2	13.8

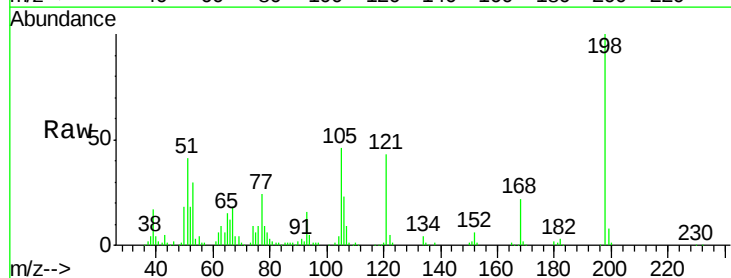


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

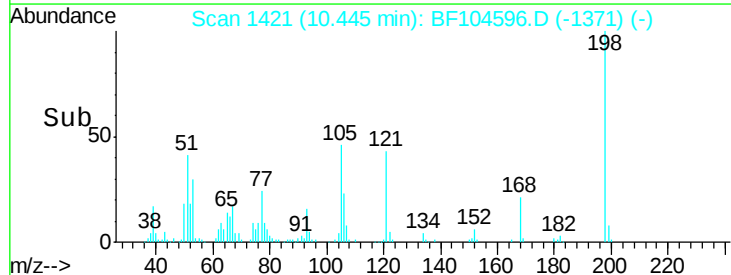
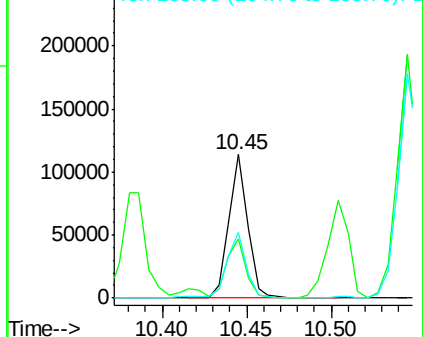


#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.760 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Tgt Ion	Ratio	Lower	Upper
198	100		
51	41.2	37.7	77.7
105	46.1	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

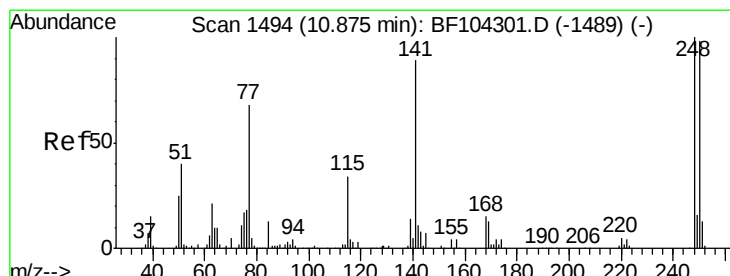
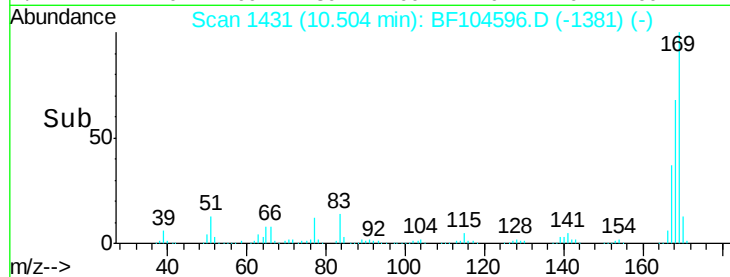
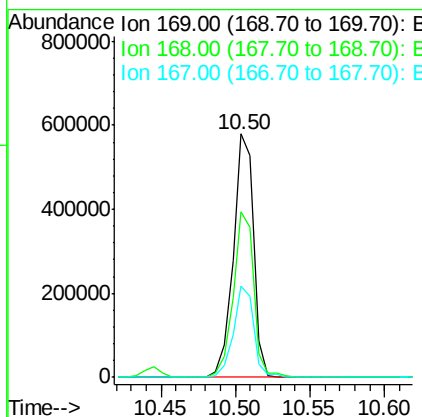
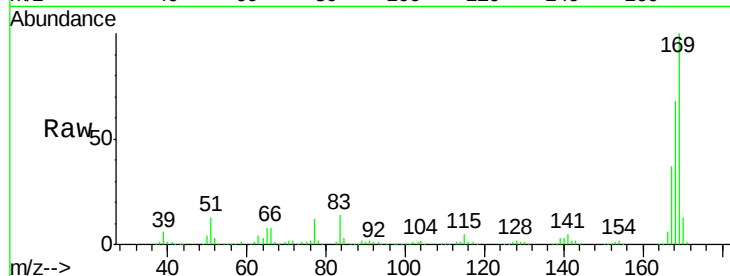




#65
 n-Nitrosodiphenylamine
 Concen: 37.860 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

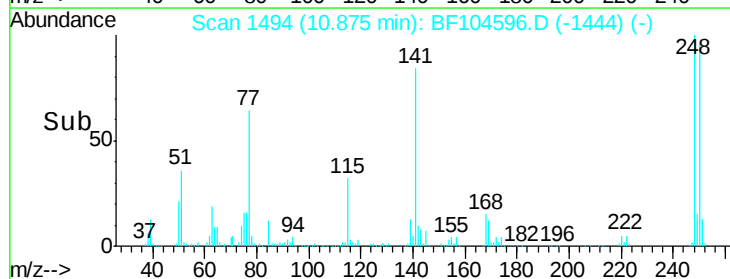
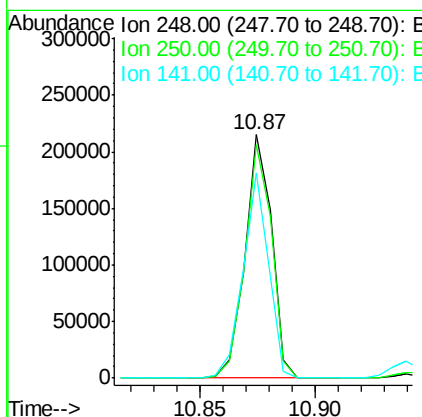
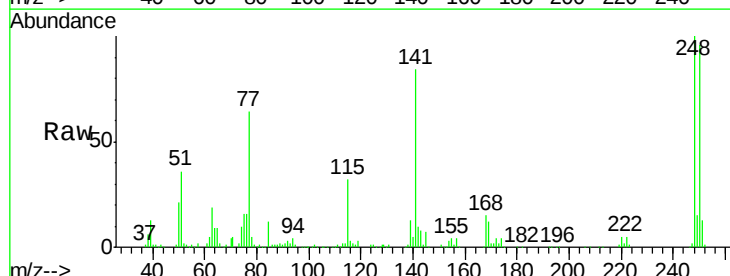
Instrument :
 BNA_F
 ClientSampleId :

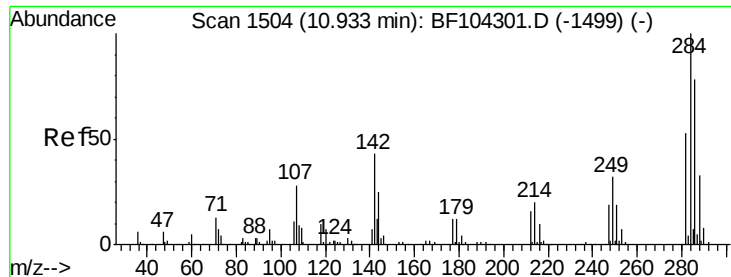
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.4	81.6
167	37.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 38.752 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.9	115.3
141	84.4	74.4	111.6

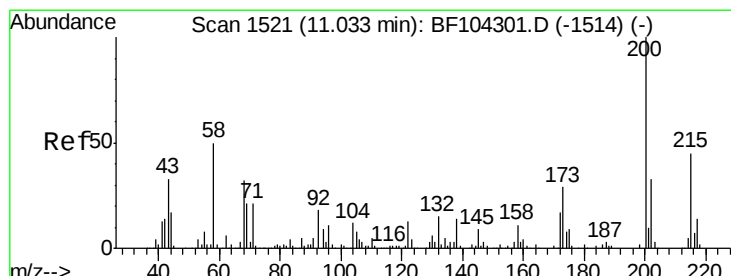
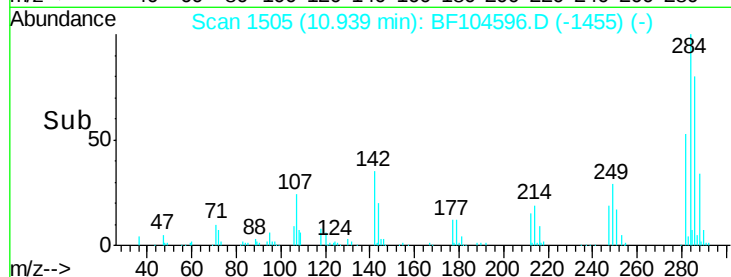
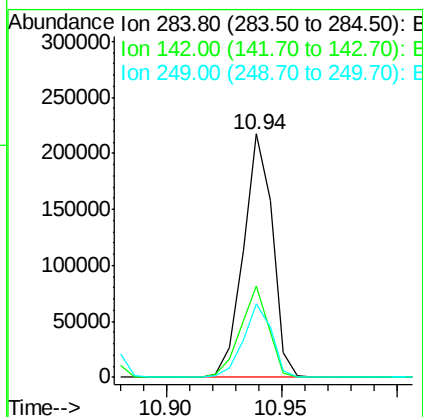
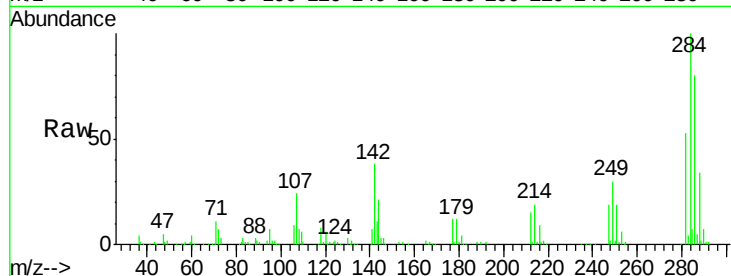




#67
Hexachlorobenzene
Concen: 37.963 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

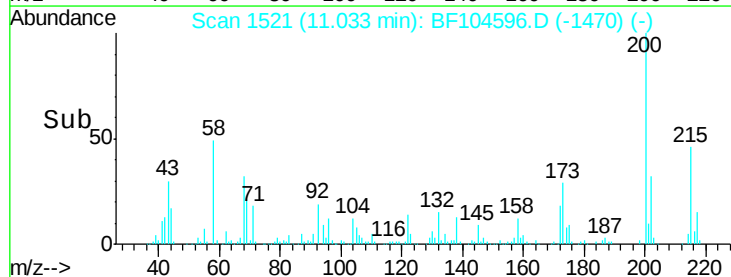
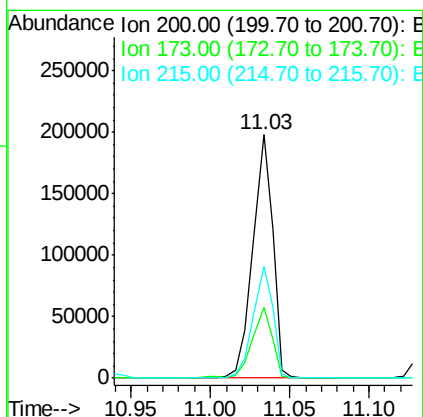
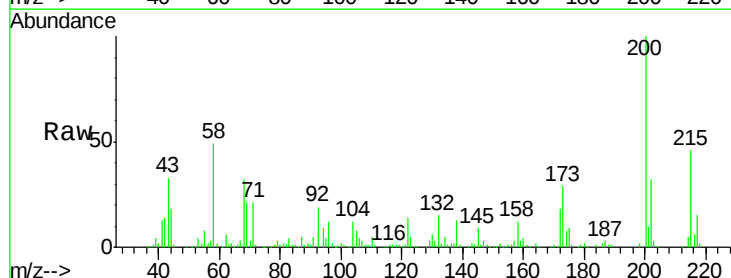
Instrument :
BNA_F
ClientSampleID :

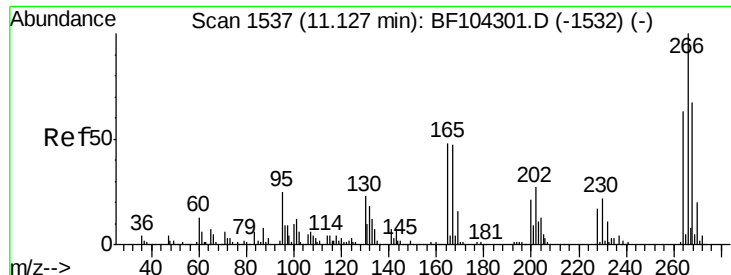
Tot Ion:284 Resp: 191702
Ion Ratio Lower Upper
284 100
142 37.6 34.6 52.0
249 30.4 24.8 37.2



#68
Atrazine
Concen: 39.207 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Tgt Ion:200 Resp: 173123
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 46.0 25.1 65.1

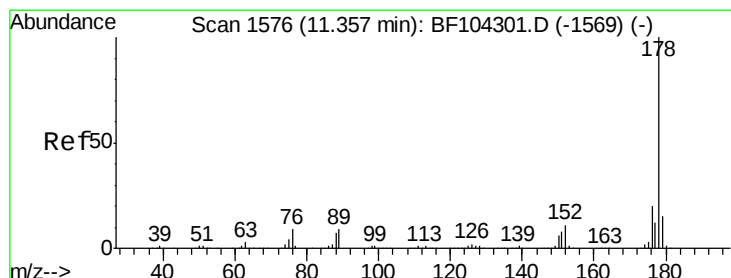
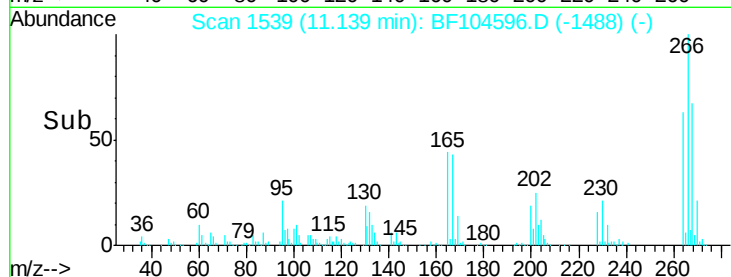
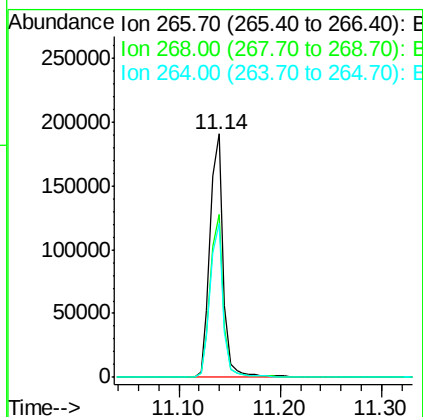
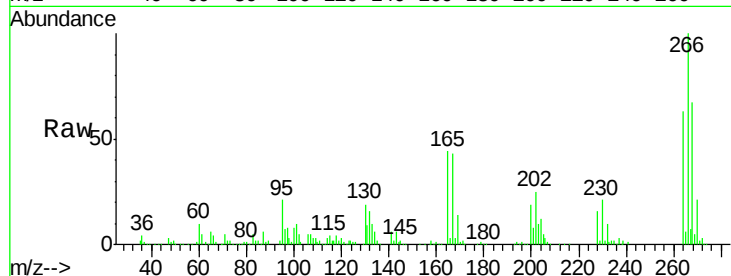




#69
 Pentachlorophenol
 Concen: 56.052 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

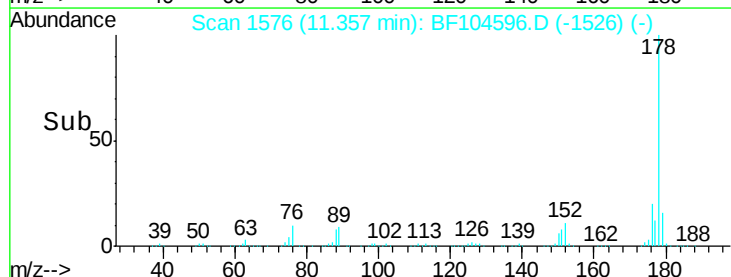
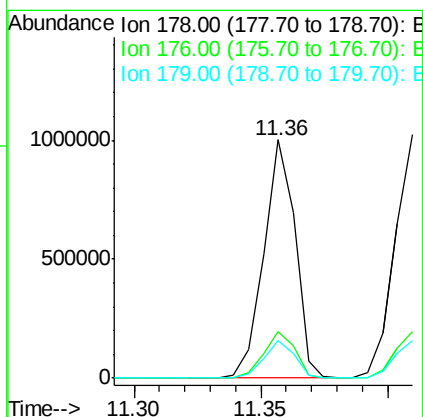
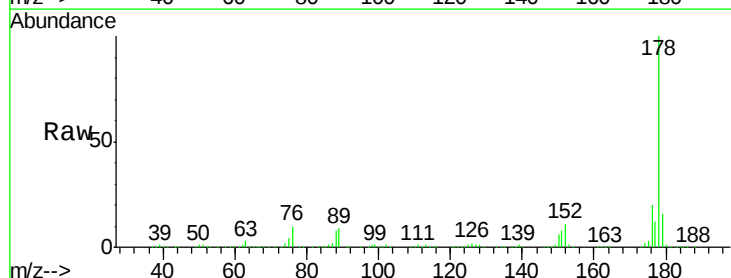
Instrument :
 BNA_F
 ClientSampleId :

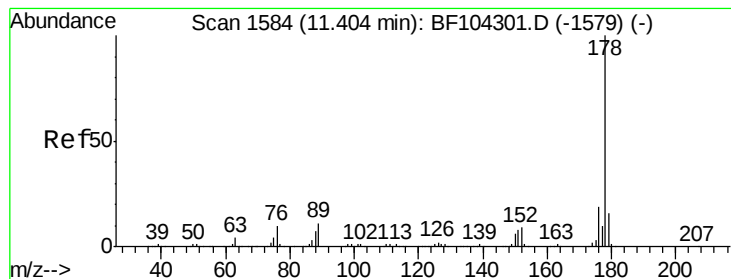
Tot Ion:266 Resp: 175109
 Ion Ratio Lower Upper
 266 100
 268 67.2 51.1 76.7
 264 63.5 49.5 74.3



#70
 Phenanthrene
 Concen: 36.611 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Tgt Ion:178 Resp: 860219
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.7 13.0 19.6





#71

Anthracene

Concen: 37.029 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampled :

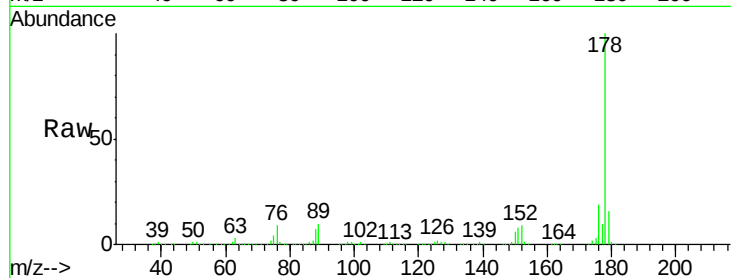
Tot Ion:178 Resp: 884414

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

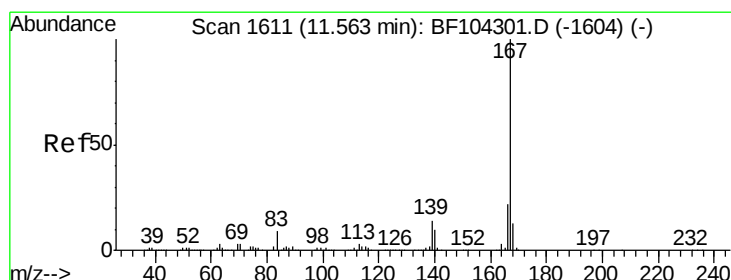
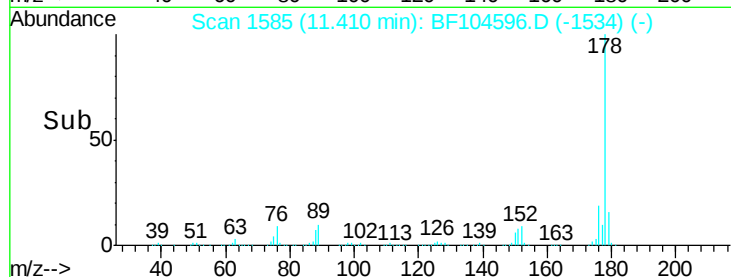
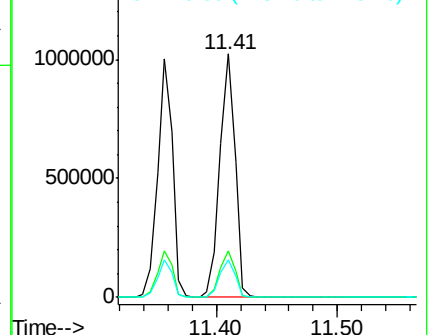
179 15.6 12.6 19.0



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



#72

Carbazole

Concen: 33.789 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

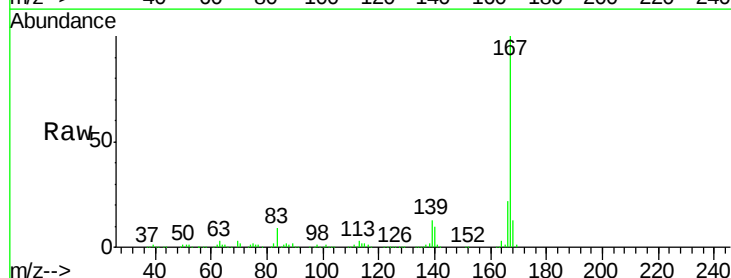
Tgt Ion:167 Resp: 788606

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

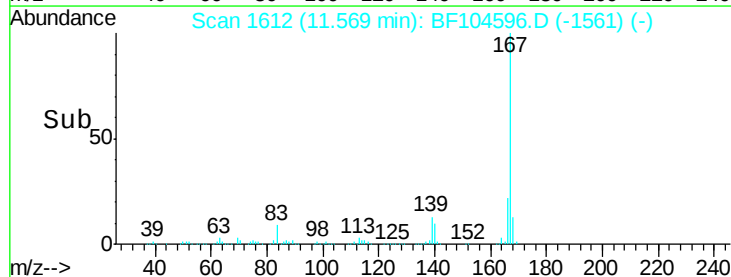
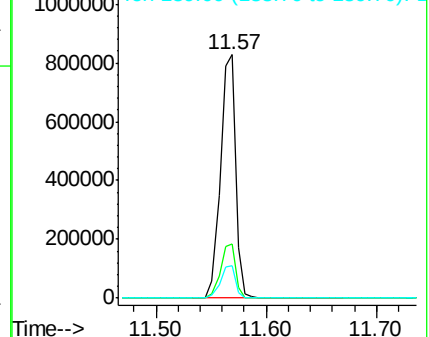
139 13.4 10.9 16.3

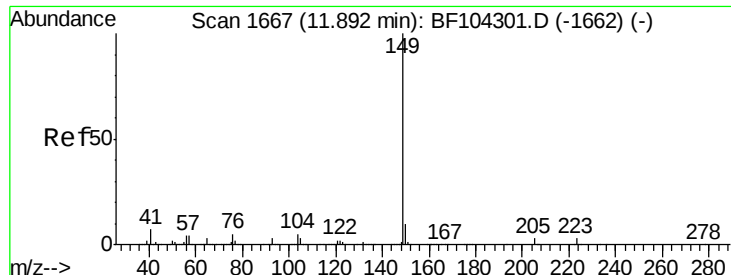


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.340 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

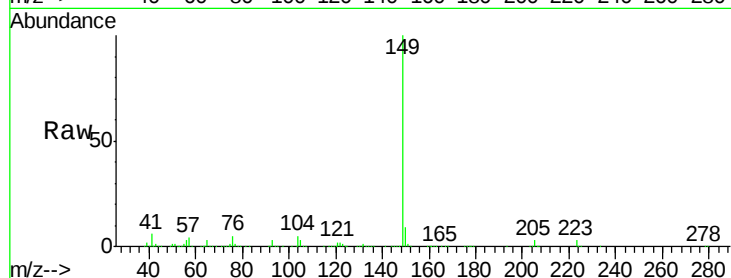
Tot Ion:149 Resp: 1007547

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

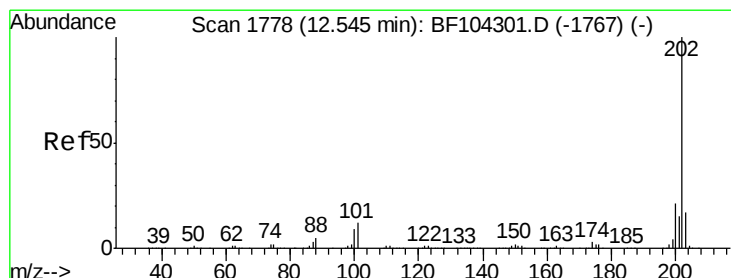
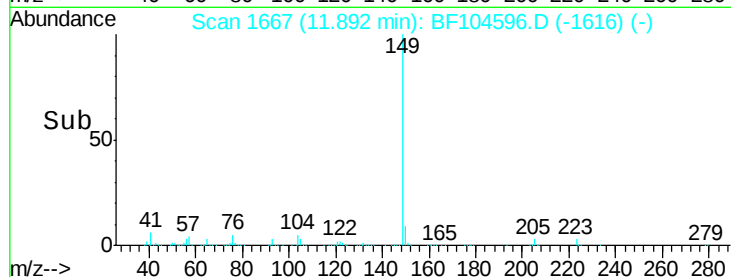
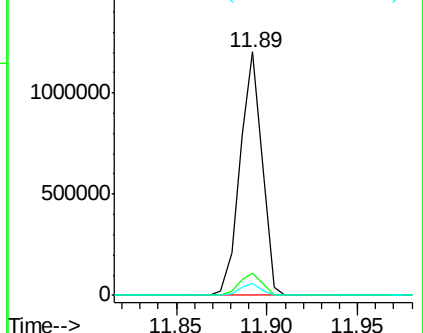
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.696 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

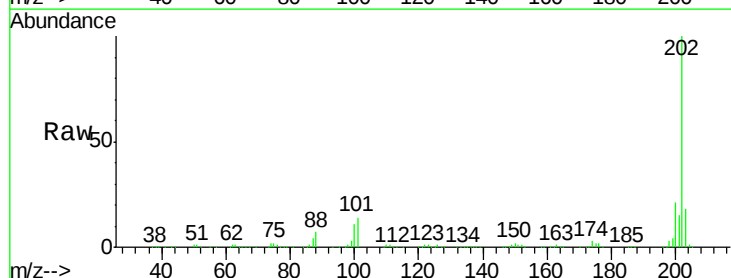
Tgt Ion:202 Resp: 827214

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

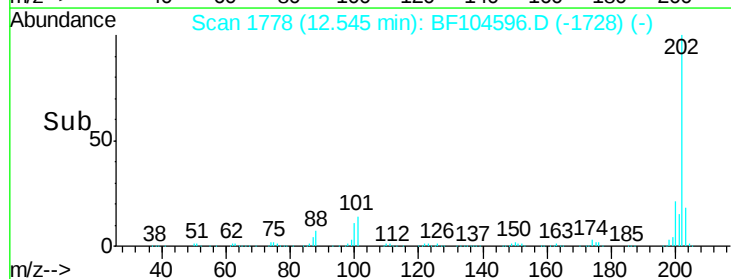
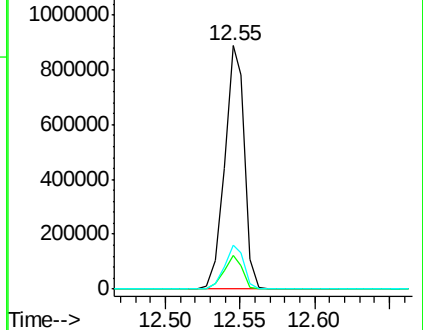
203 17.8 0.0 38.1

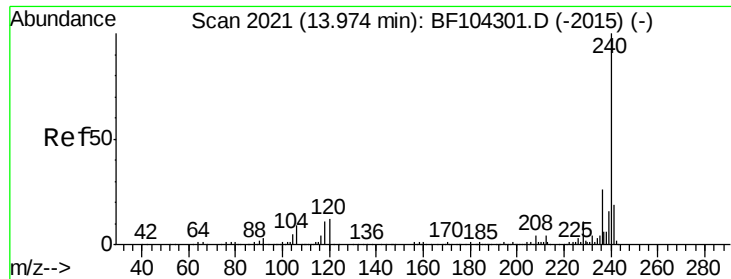


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

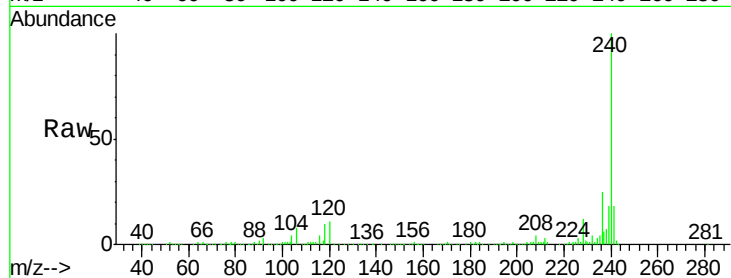
Tot Ion:240 Resp: 265229

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

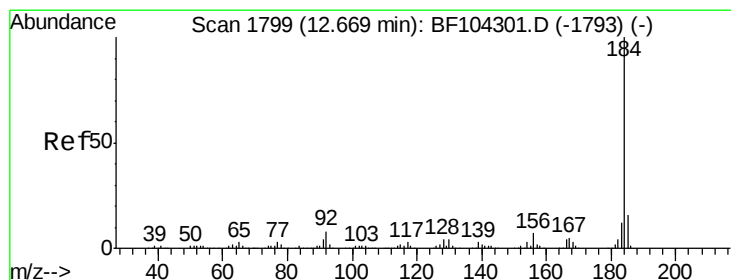
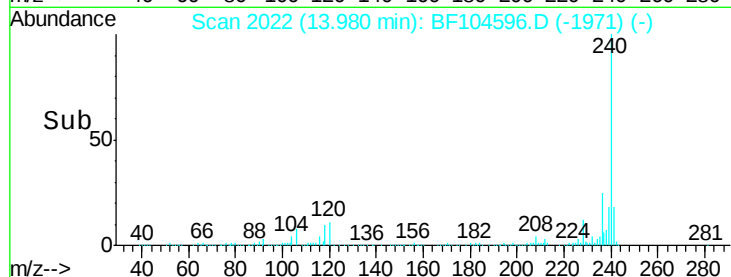
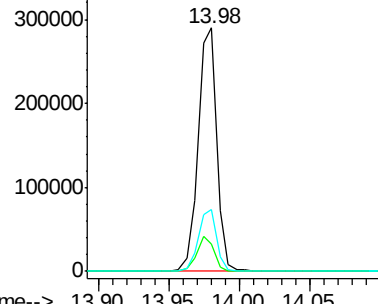
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.208 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

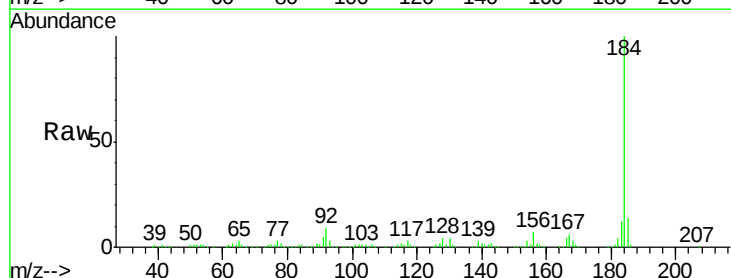
Tgt Ion:184 Resp: 270401

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

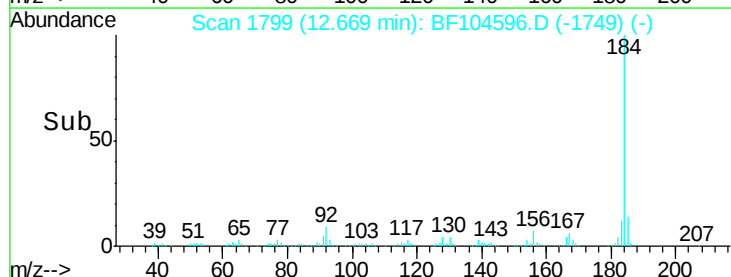
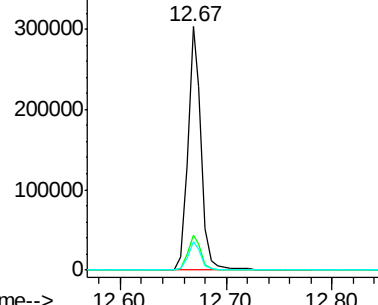
183 11.8 9.3 13.9

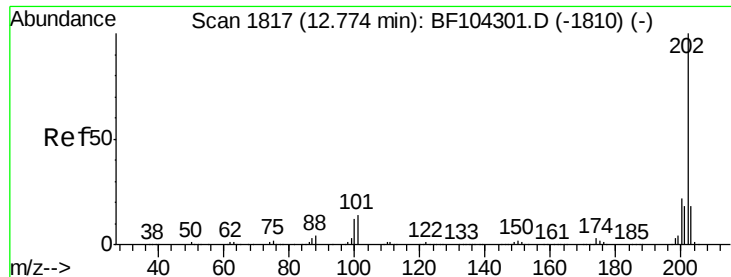


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

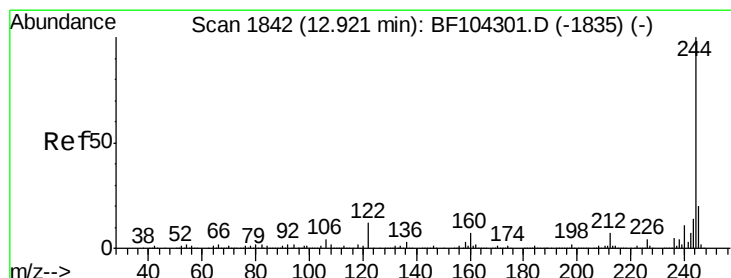
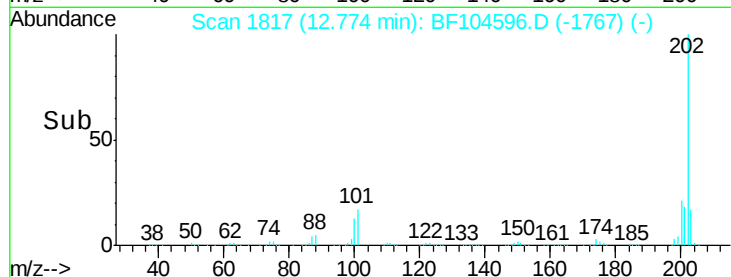
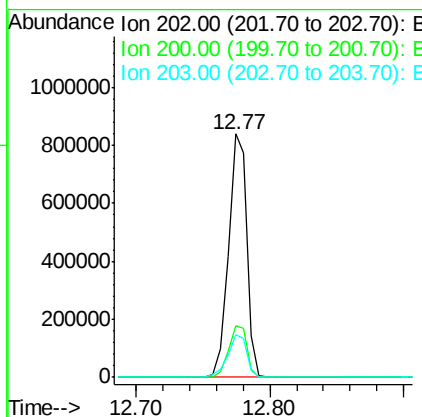
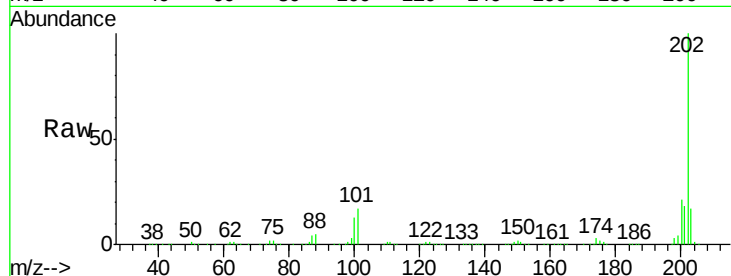




#77
 Pvrene
 Concen: 41.308 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

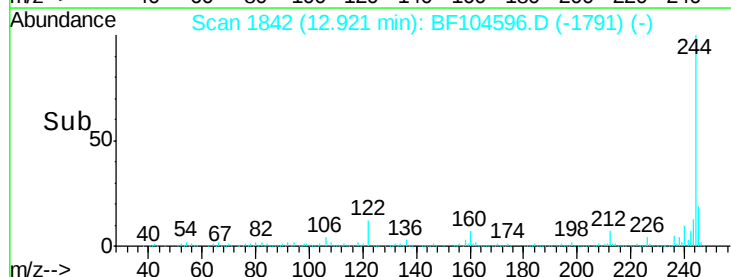
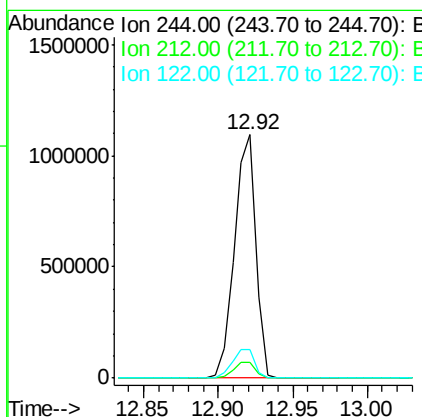
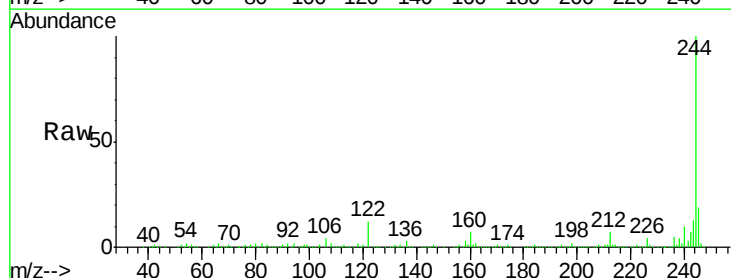
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 812105
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.4 26.2
 203 17.5 14.3 21.5



#78
 Terphenyl-d14
 Concen: 94.800 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Tgt Ion:244 Resp: 1102874
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.6 11.0 16.4

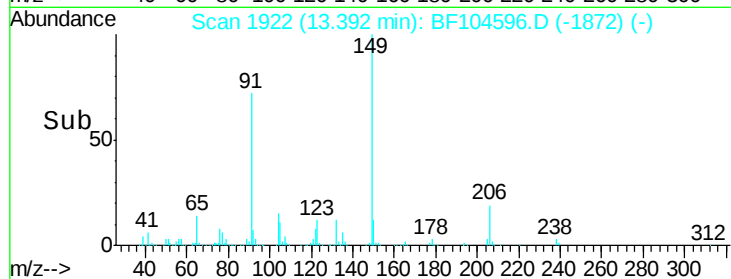
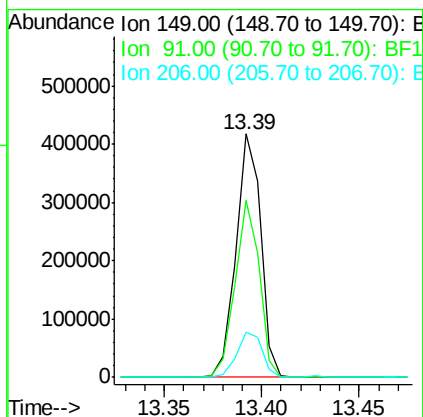
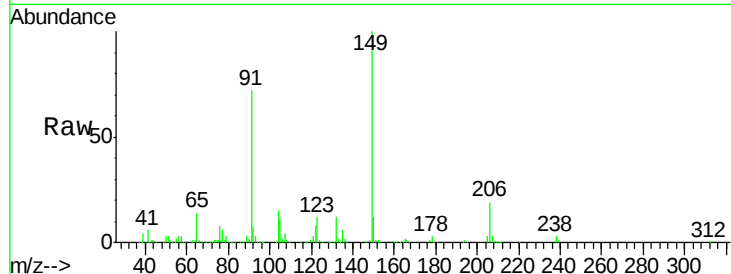




#79
Butylbenzylphthalate
Concen: 39.703 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

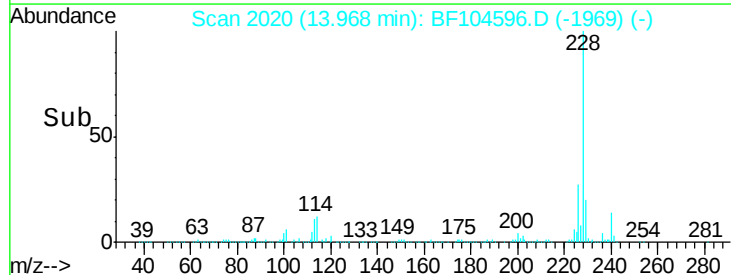
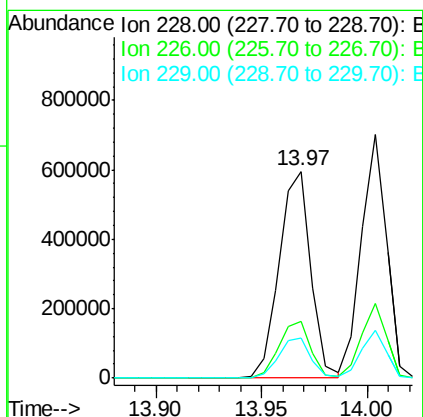
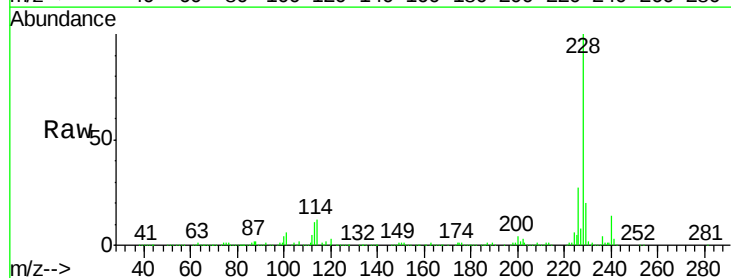
Instrument :
BNA_F
ClientSampled :

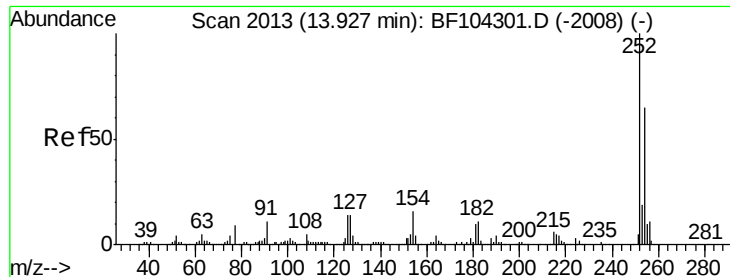
Tot Ion:149 Resp: 367724
Ion Ratio Lower Upper
149 100
91 72.5 56.8 85.2
206 18.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.149 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Tgt Ion:228 Resp: 620316
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.7 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 21.557 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

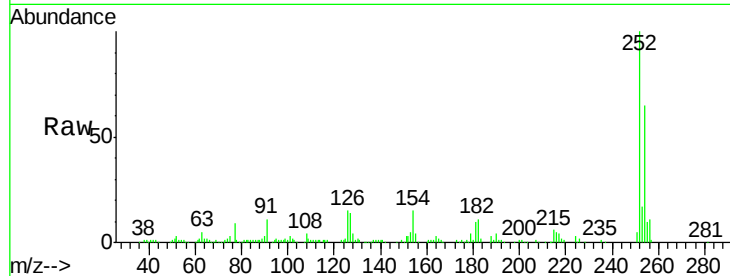
Tot Ion:252 Resp: 127357

Ion Ratio Lower Upper

252 100

254 64.8 50.4 75.6

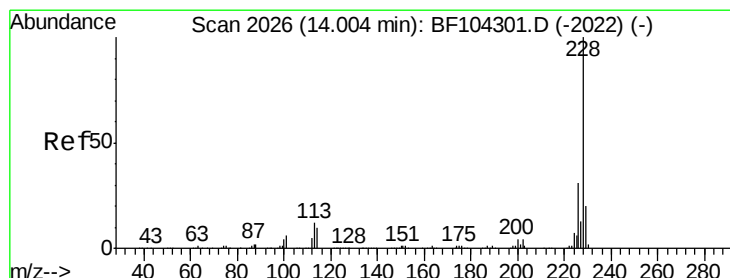
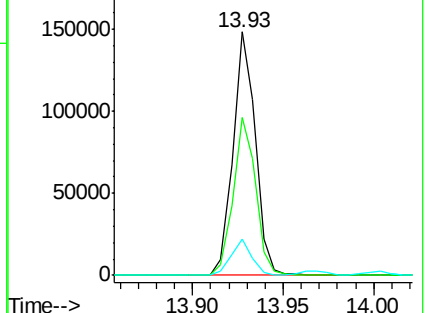
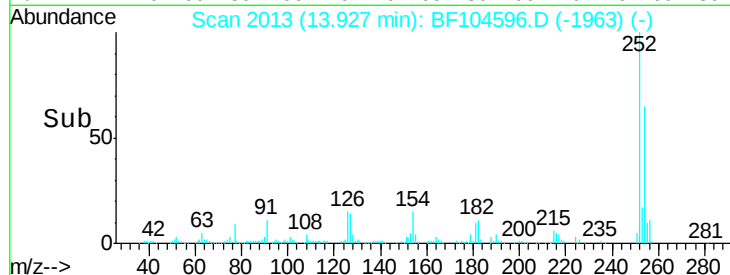
126 14.9 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 36.343 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

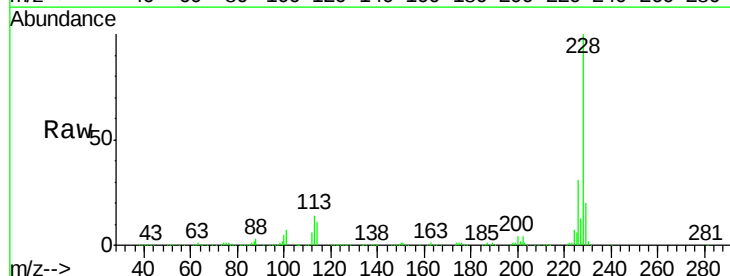
Tgt Ion:228 Resp: 591494

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

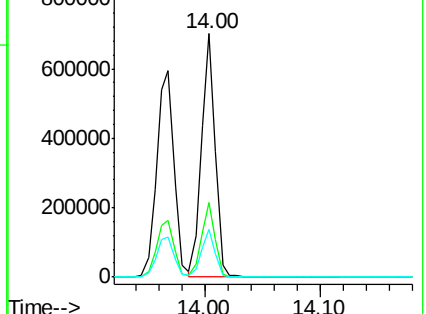
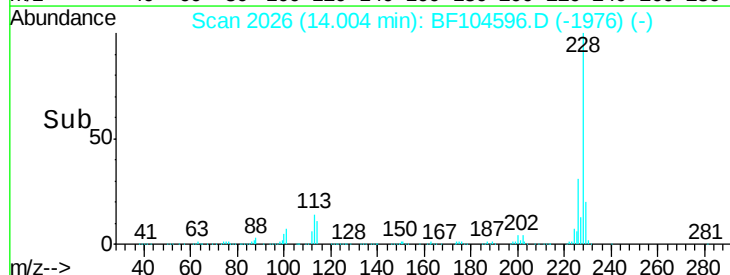
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

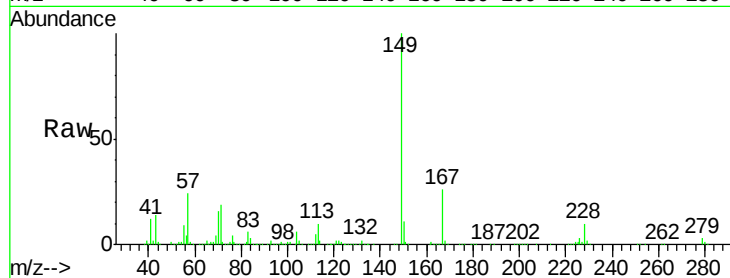




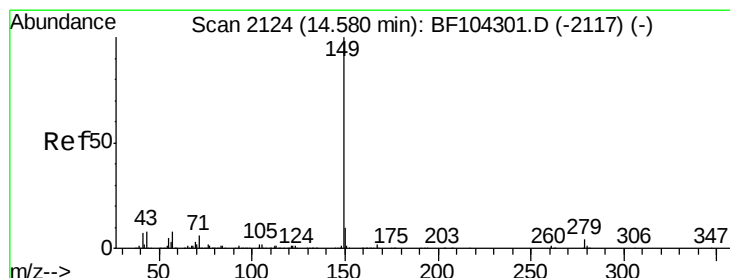
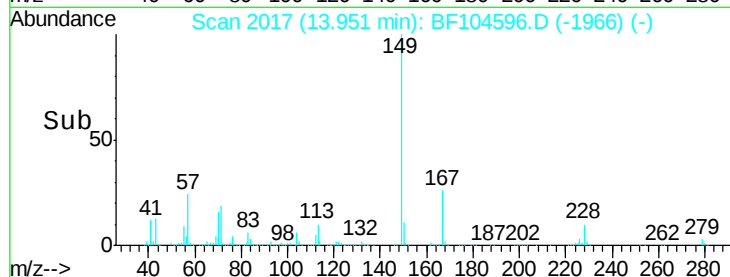
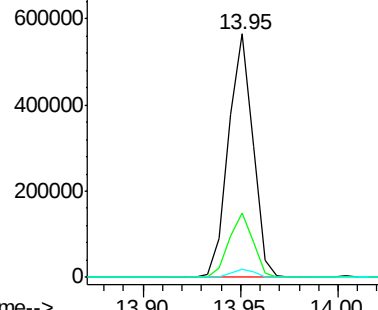
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.269 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.4	3.0	4.4

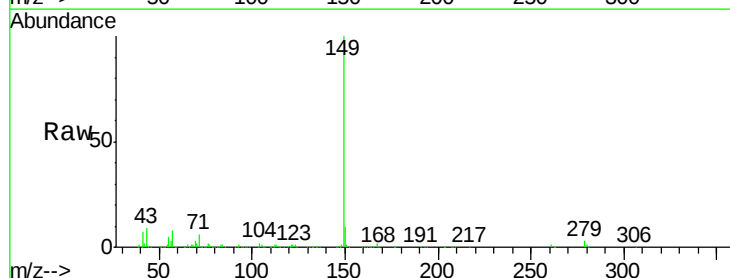


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

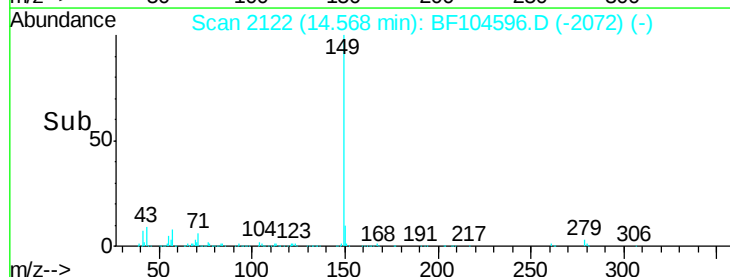
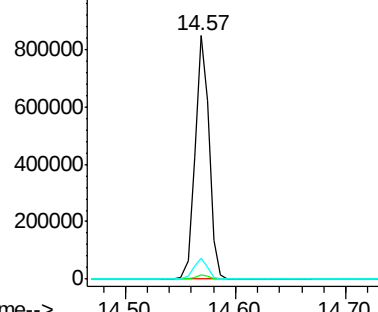


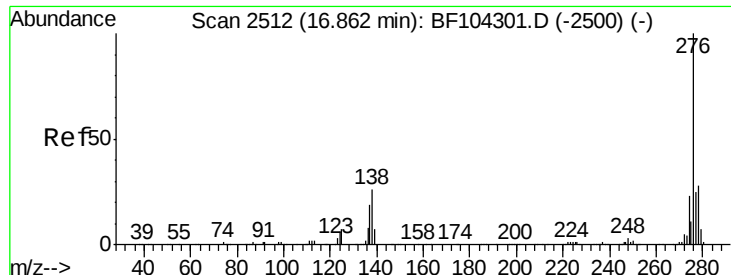
#84
 Di-n-octyl phthalate
 Concen: 37.734 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

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



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

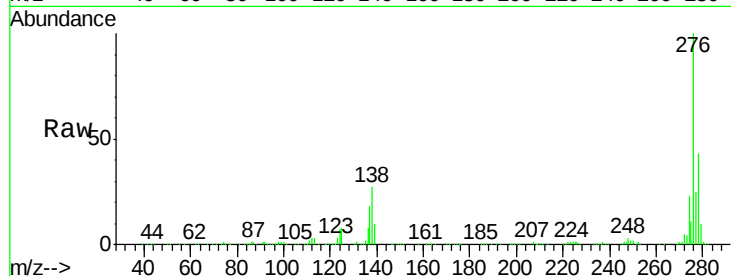




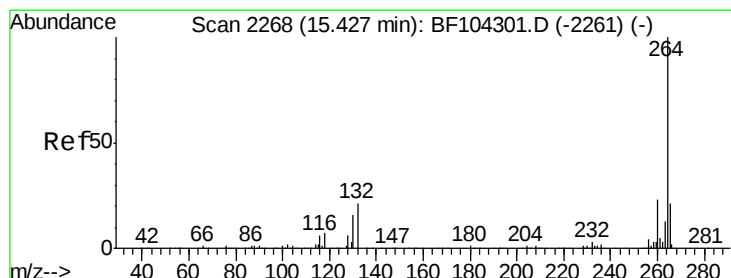
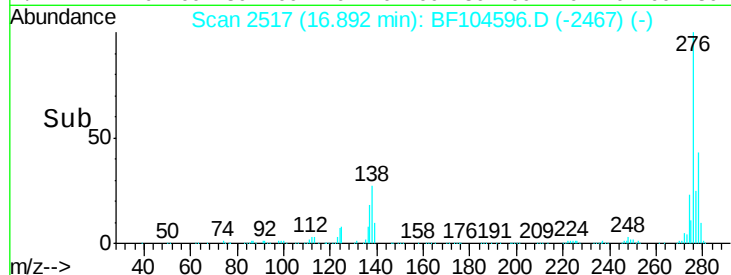
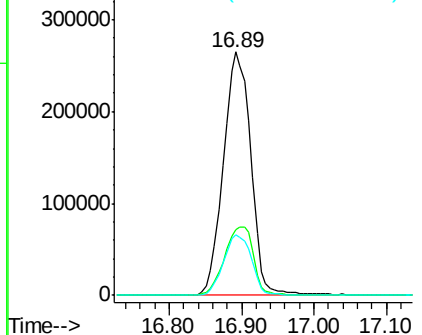
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.689 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	25.4	20.1	30.1

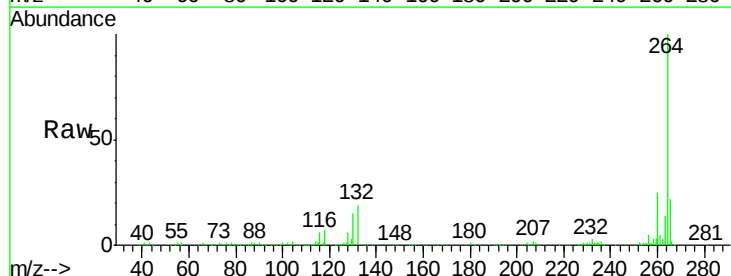


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

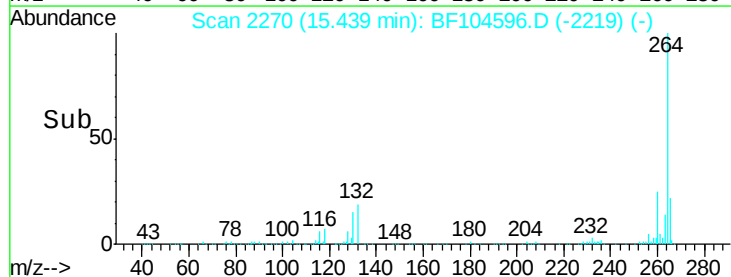
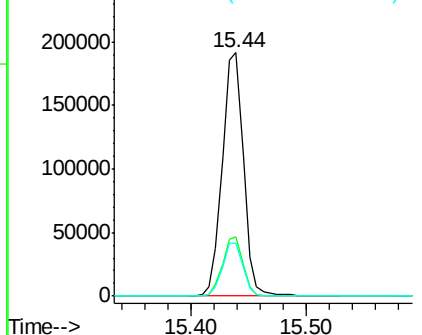


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF104596.D
 Acq: 18 Apr 2018 12:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	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

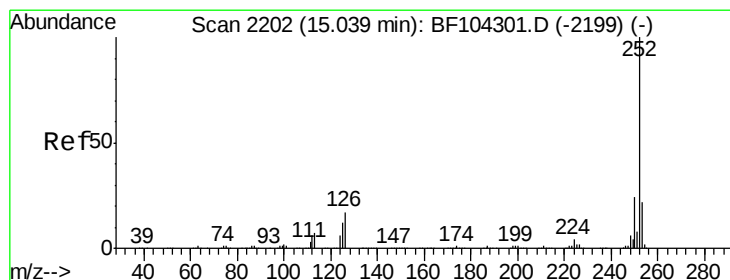
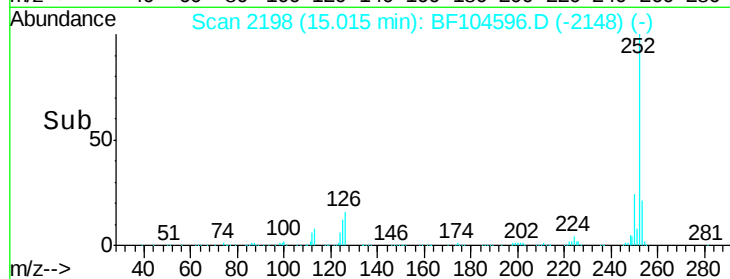
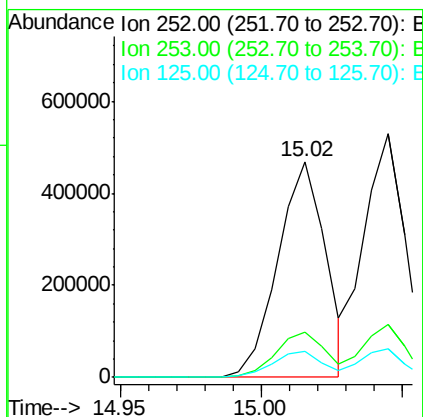
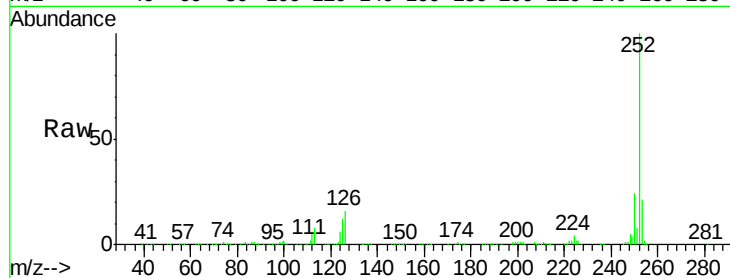




#87
Benzo(b)fluoranthene
Concen: 35.511 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

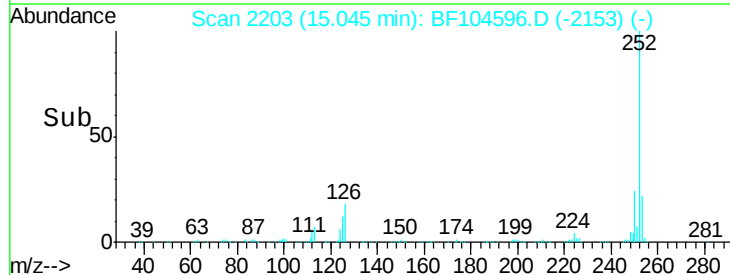
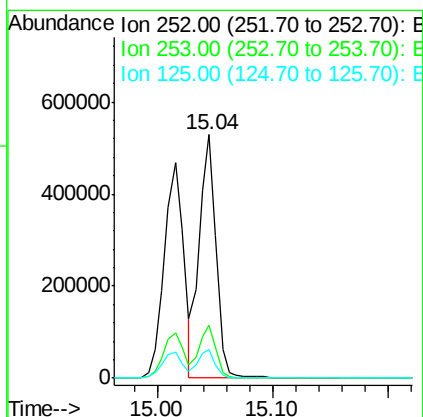
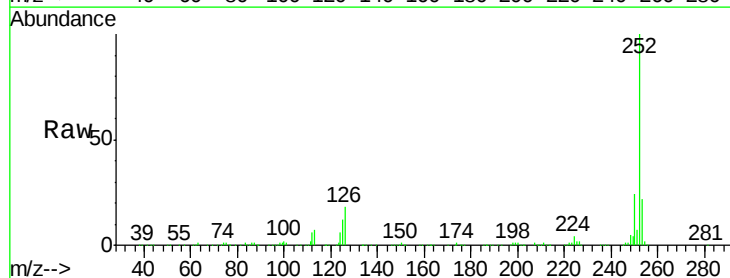
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 548584
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 12.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.108 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF104596.D
Acq: 18 Apr 2018 12:51

Tgt Ion:252 Resp: 541209
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 11.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.090 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :

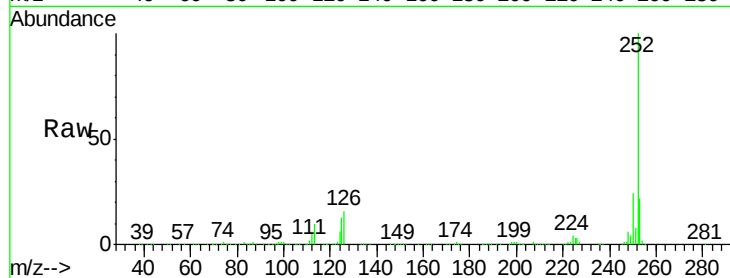
Tot Ion:252 Resp: 540318

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

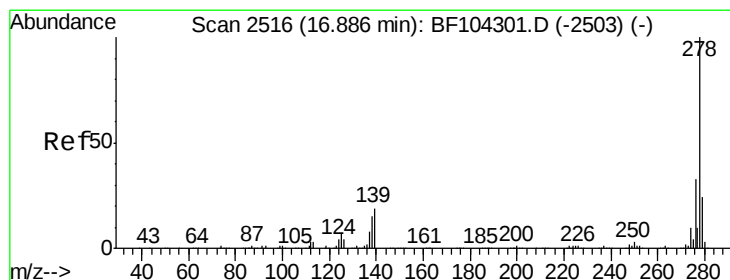
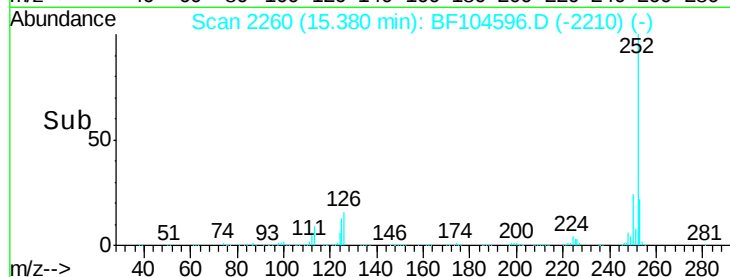
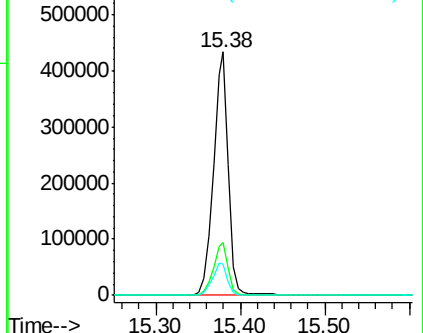
125 13.0 9.8 14.6



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: 51.309 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

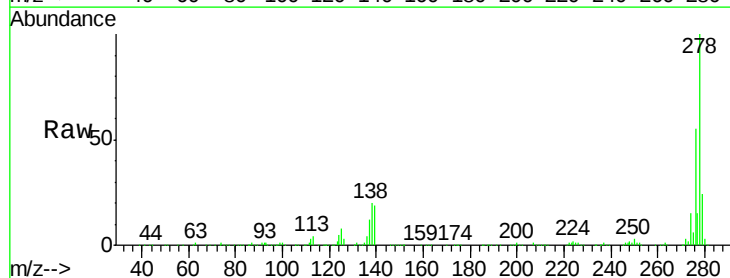
Tgt Ion:278 Resp: 582475

Ion Ratio Lower Upper

278 100

139 18.6 15.9 23.9

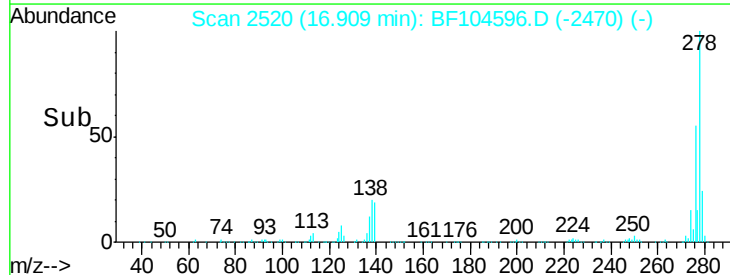
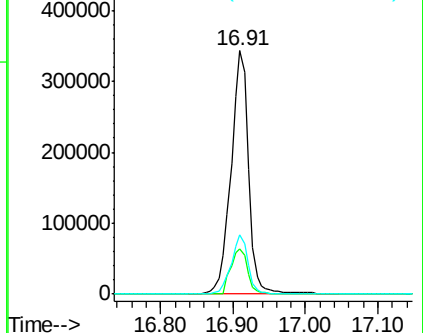
279 24.2 19.0 28.4

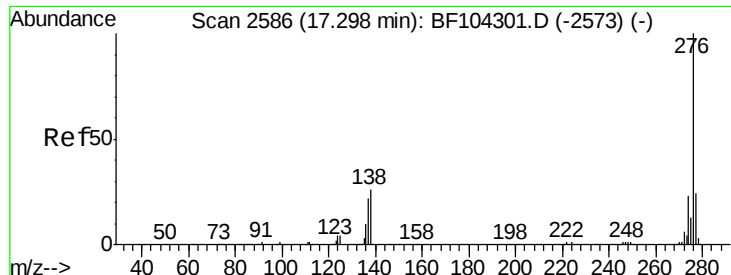


Abundance Ion 278.00 (277.70 to 278.70): E

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: 55.140 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.01 min

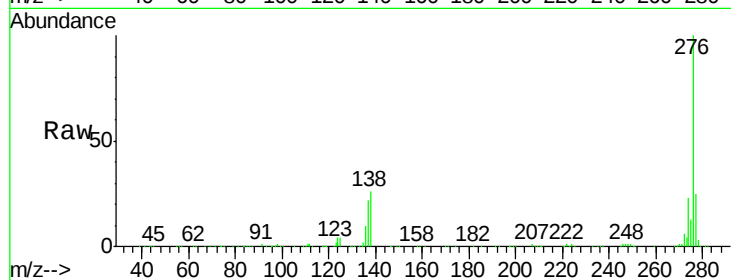
Lab File: BF104596.D

Acq: 18 Apr 2018 12:51

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 606462

Ion Ratio Lower Upper

276 100

277 24.7 17.9 26.9

138 26.4 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

