

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
 Data File : BF100596.D
 Acq On : 15 Nov 2017 18:53
 Operator : SJ/JU
 Sample : I6454-02MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 03:35:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	126695	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	493698	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	203359	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	308228	20.00	ng	0.00
75) Chrysene-d12	14.04	240	250229	20.00	ng	0.00
86) Perylene-d12	15.52	264	259016	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1007279	127.44	ng	0.02
7) Phenol-d6	6.52	99	1240089	127.24	ng	0.00
23) Nitrobenzene-d5	7.45	82	795660	106.55	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	252866	122.03	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1294917	96.96	ng	0.00
78) Terphenyl-d14	12.99	244	829390	76.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	93701	24.33	ng	95
3) Pyridine	3.51	79	269033	25.60	ng	97
4) n-Nitrosodimethylamine	3.45	42	132705	26.01	ng	99
6) Aniline	6.55	93	270044	19.61	ng	99
8) 2-Chlorophenol	6.67	128	256654	30.70	ng	95
9) Benzaldehyde	6.43	77	109553	15.74	ng	95
10) Phenol	6.53	94	344081	33.63	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	253698	29.52	ng	96
12) 1,3-Dichlorobenzene	6.83	146	289621	30.04	ng	98
13) 1,4-Dichlorobenzene	6.90	146	294651	30.20	ng	96
14) 1,2-Dichlorobenzene	7.06	146	269832	29.91	ng	97
15) Benzyl Alcohol	7.02	79	227563	29.92	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	454775	33.09	ng	97
17) 2-Methylphenol	7.13	107	224013	31.35	ng	98
18) Hexachloroethane	7.40	117	94323	29.32	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	182487	27.00	ng	95
20) 3+4-Methylphenols	7.29	107	269539	29.81	ng	# 82
22) Acetophenone	7.29	105	348359	28.94	ng	# 96
24) Nitrobenzene	7.47	77	266343	34.65	ng	99
25) Isophorone	7.70	82	493397	31.44	ng	99
26) 2-Nitrophenol	7.78	139	135594	38.79	ng	96
27) 2,4-Dimethylphenol	7.82	122	238058	33.84	ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	320035	31.18	ng	99
29) 2,4-Dichlorophenol	8.02	162	220442	32.83	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	226246	31.15	ng	98
31) Naphthalene	8.19	128	722466	30.38	ng	100
32) Benzoic acid	7.87	122	25242	13.14	ng	98
33) 4-Chloroaniline	8.23	127	156535	15.81	ng	98
34) Hexachlorobutadiene	8.30	225	130519	30.22	ng	97
35) Caprolactam	8.59	113	61291	26.59	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	215226	29.84	ng	98
37) 2-Methylnaphthalene	8.88	142	475236	30.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	217753	32.29	ng	# 97
40) Hexachlorocyclopentadiene	9.03	237	103393	32.57	ng	98

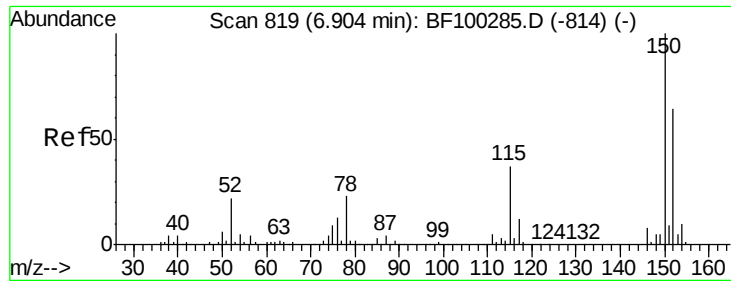
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
 Data File : BF100596.D
 Acq On : 15 Nov 2017 18:53
 Operator : SJ/JU
 Sample : I6454-02MS
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Instrument :
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Quant Time: Nov 16 03:35:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	148487	34.74	nq	98
43) 2,4,5-Trichlorophenol	9.19	196	152232	34.37	nq	93
45) 1,1'-Biphenyl	9.34	154	560496	31.87	nq	100
46) 2-Chloronaphthalene	9.37	162	428935	33.62	nq	95
47) 2-Nitroaniline	9.46	65	131805	35.72	nq	95
48) Acenaphthylene	9.78	152	640264	30.28	nq	99
49) Dimethylphthalate	9.64	163	569626	36.69	nq	99
50) 2,6-Dinitrotoluene	9.70	165	107736	35.05	nq	# 84
51) Acenaphthene	9.96	154	382108	29.71	nq	99
52) 3-Nitroaniline	9.87	138	90936	25.06	nq	97
53) 2,4-Dinitrophenol	9.97	184	27001	31.55	nq	# 17
54) Dibenzofuran	10.13	168	550286	30.53	nq	96
55) 4-Nitrophenol	10.02	139	150730	51.15	nq	93
56) 2,4-Dinitrotoluene	10.10	165	131729	33.97	nq	# 90
57) Fluorene	10.47	166	398840	30.21	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	110860	30.54	nq	# 86
59) Diethylphthalate	10.34	149	474087	30.51	nq	96
60) 4-Chlorophenyl-phenylether	10.46	204	203398	31.40	nq	93
61) 4-Nitroaniline	10.48	138	88835	25.81	nq	90
62) Azobenzene	10.62	77	426331	29.13	nq	96
64) 4,6-Dinitro-2-methylphenol	10.51	198	28461	23.59	nq	82
65) n-Nitrosodiphenylamine	10.57	169	382126	35.65	nq	96
66) 4-Bromophenyl-phenylether	10.95	248	122175	36.98	nq	88
67) Hexachlorobenzene	11.02	284	115300	33.36	nq	# 85
68) Atrazine	11.10	200	112794	34.77	nq	98
69) Pentachlorophenol	11.20	266	117415	47.38	nq	99
70) Phenanthrene	11.43	178	510873	31.48	nq	98
71) Anthracene	11.48	178	518484	31.49	nq	99
72) Carbazole	11.63	167	451588	29.73	nq	98
73) Di-n-butylphthalate	11.96	149	595854	33.52	nq	99
74) Fluoranthene	12.62	202	468426	27.24	nq	97
76) Benzidine	12.73	184	171565	17.12	nq	98
77) Pyrene	12.85	202	480367	26.93	nq	98
79) Butylbenzylphthalate	13.46	149	203305	27.95	nq	95
80) Benzo(a)anthracene	14.03	228	468877	31.12	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	158552	29.37	nq	# 98
82) Chrysene	14.07	228	438805	30.07	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	290376	30.35	nq	# 98
84) Di-n-octyl phthalate	14.62	149	538748	32.78	nq	100
85) Indeno(1,2,3-cd)pyrene	17.00	276	403100	34.15	nq	96
87) Benzo(b)fluoranthene	15.08	252	467660	30.48	nq	99
88) Benzo(k)fluoranthene	15.08	252	467660	32.25	nq	98
89) Benzo(a)pyrene	15.46	252	423506	31.13	nq	98
90) Dibenzo(a,h)anthracene	17.02	278	342193	30.76	nq	97
91) Benzo(g,h,i)perylene	17.45	276	320150	29.40	nq	94

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

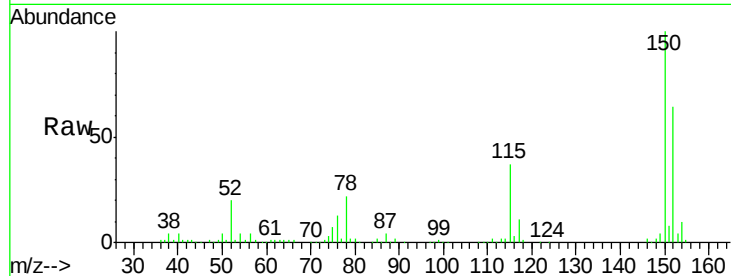


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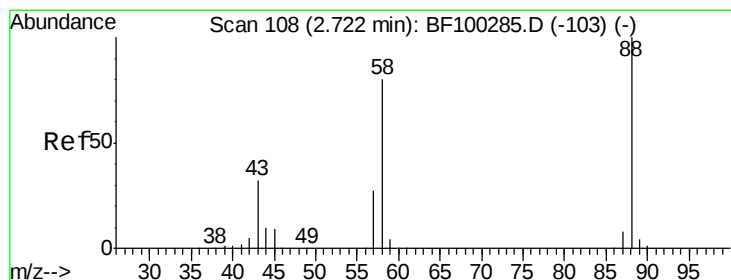
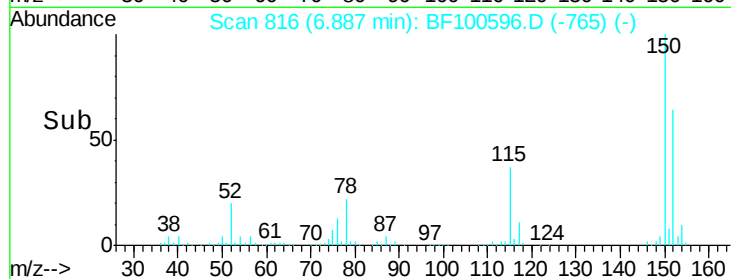
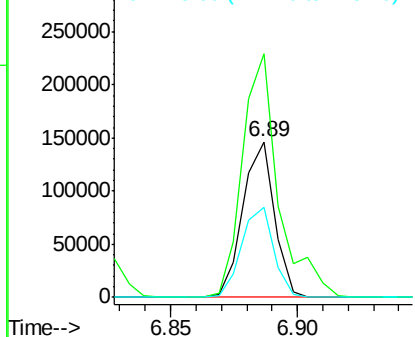
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126695
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 57.7 50.1 75.1



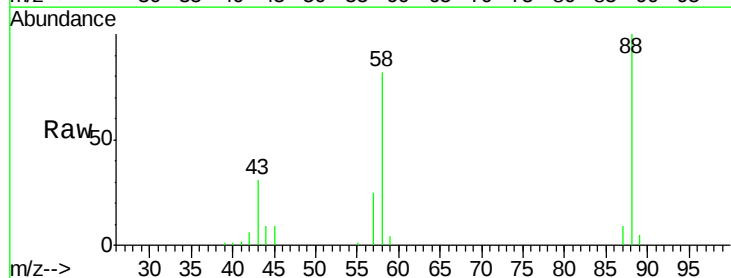
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



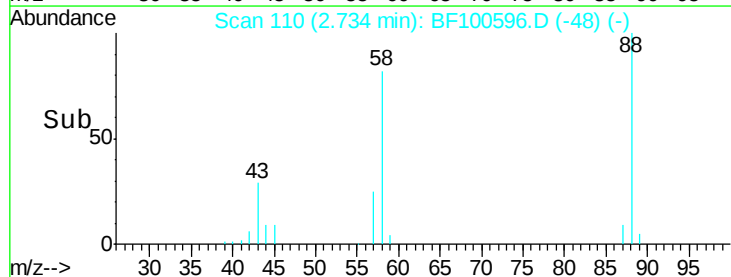
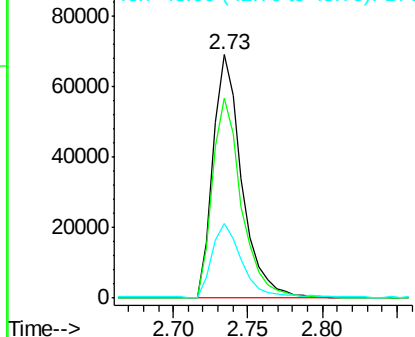
#2

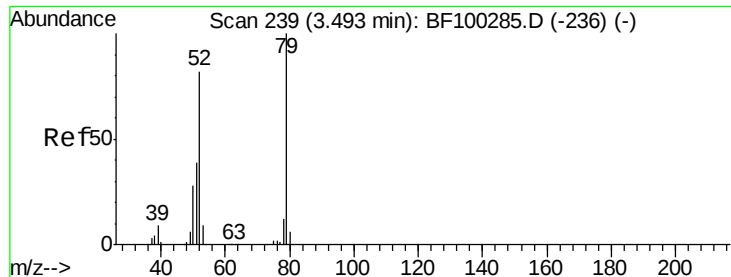
1,4-Dioxane
Concen: 24.33 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.06 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion: 88 Resp: 93701
Ion Ratio Lower Upper
88 100
58 82.8 62.6 93.8
43 32.3 24.6 37.0



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





#3

Pvridine

Concen: 25.60 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.07 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

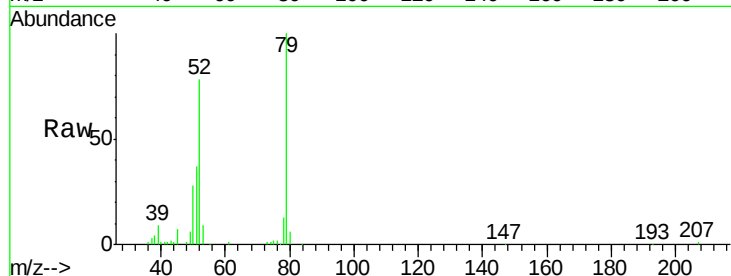
Tot Ion: 79 Resp: 269033

Ion Ratio Lower Upper

79 100

52 77.9 59.8 89.6

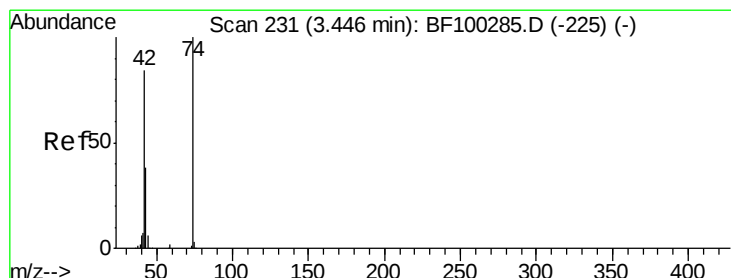
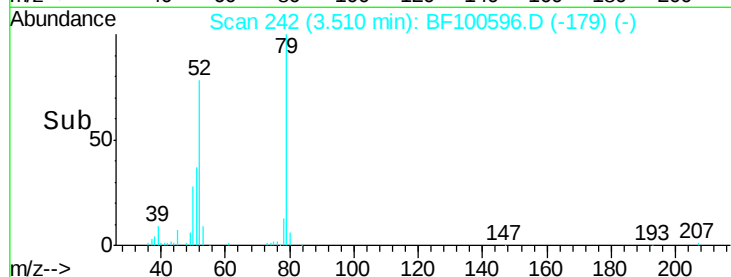
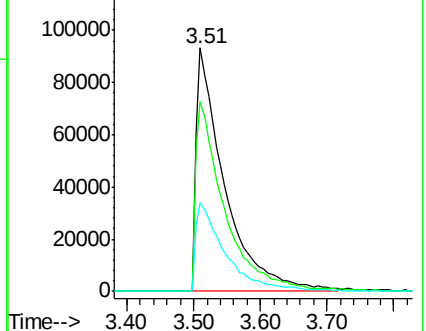
51 36.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 26.01 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.05 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

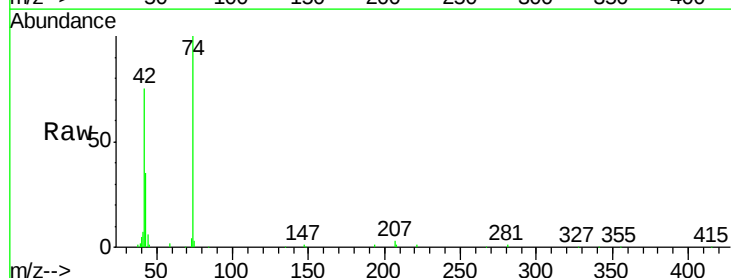
Tgt Ion: 42 Resp: 132705

Ion Ratio Lower Upper

42 100

74 132.5 104.9 157.3

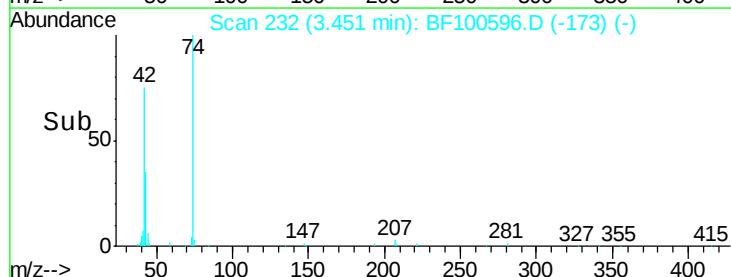
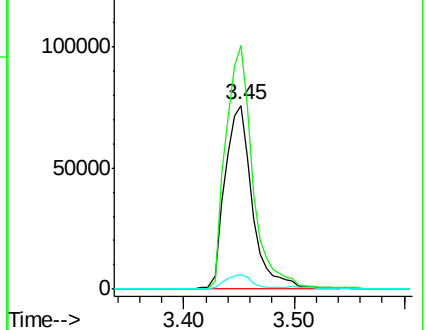
44 7.7 6.9 10.3

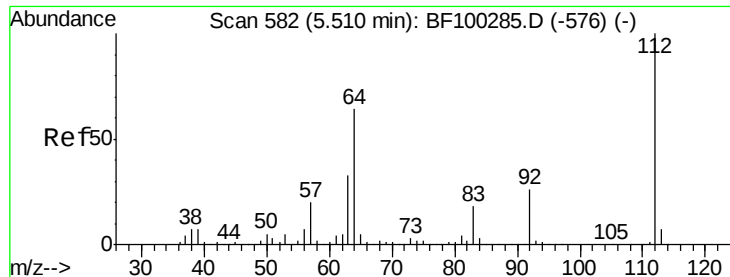


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 127.44 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :
BNA_F
ClientSampled :

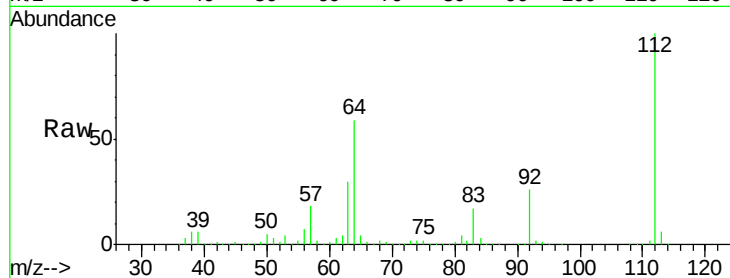
Tot Ion:112 Resp: 1007279

Ion Ratio Lower Upper

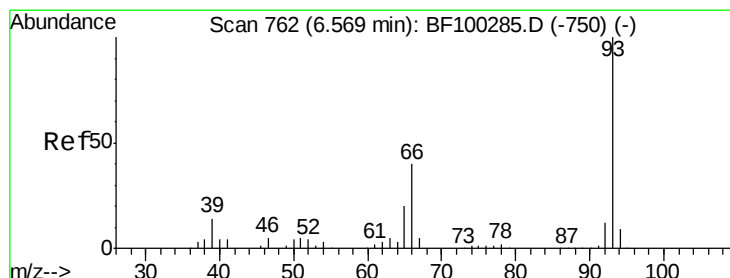
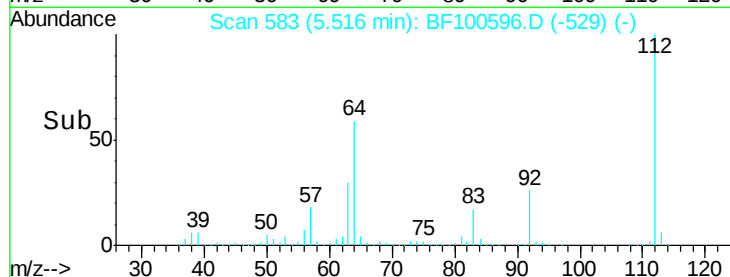
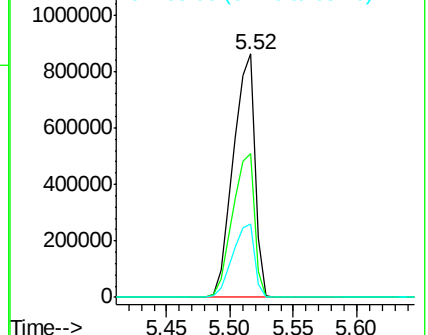
112 100

64 59.1 47.9 71.9

63 30.0 23.7 35.5



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



#6

Aniline

Concen: 19.61 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

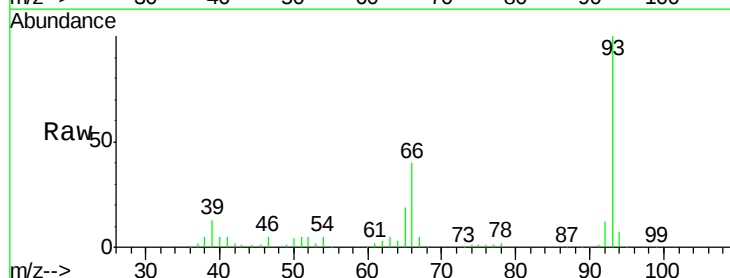
Tgt Ion: 93 Resp: 270044

Ion Ratio Lower Upper

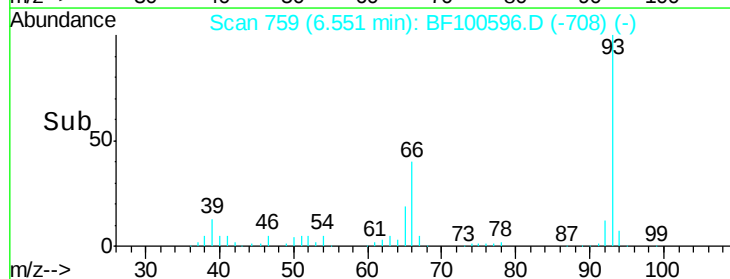
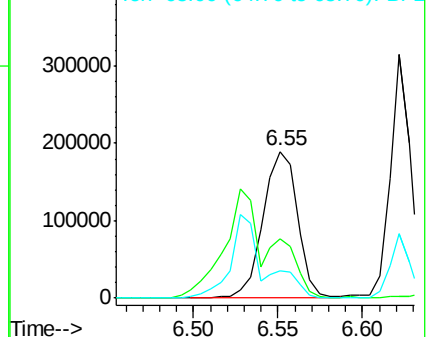
93 100

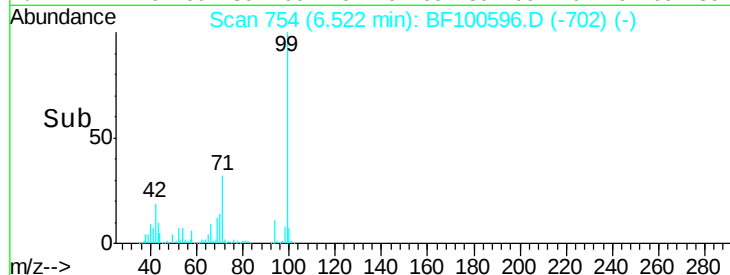
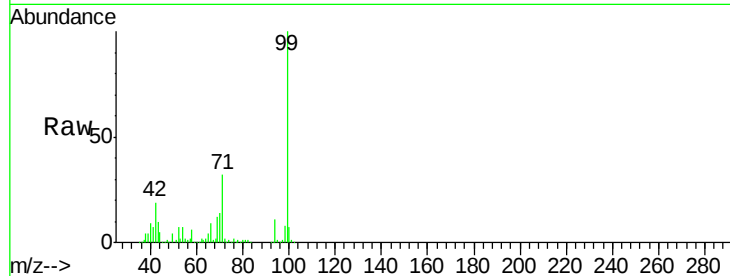
66 40.2 32.2 48.2

65 18.8 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: 127.24 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

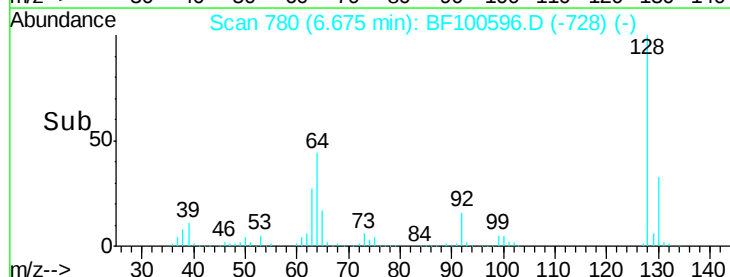
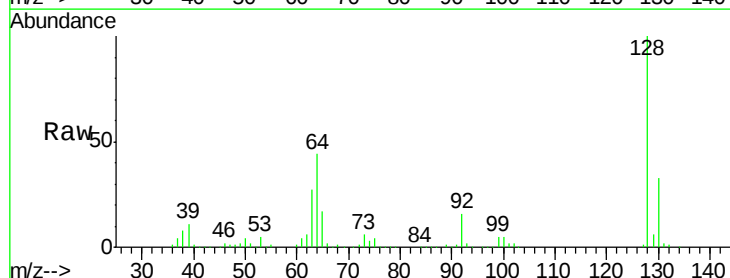
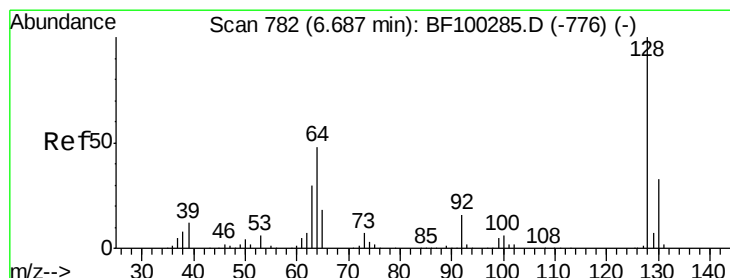
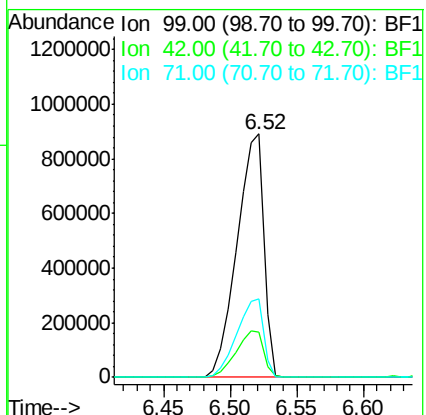
Tot Ion: 99 Resp: 1240089

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 32.1 25.4 38.0



#8

2-Chlorophenol

Concen: 30.70 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

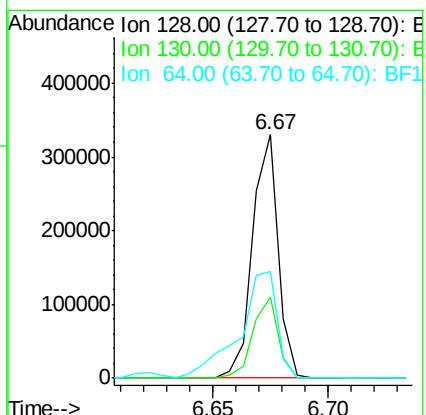
Tgt Ion:128 Resp: 256654

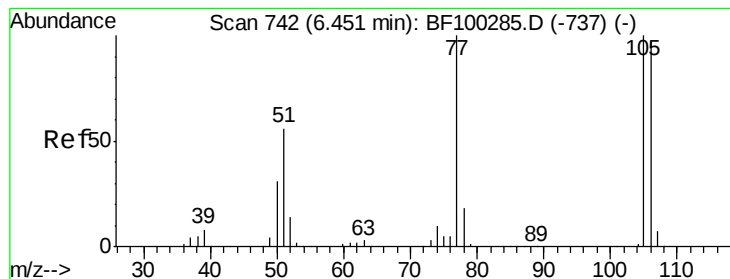
Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

64 43.5 29.4 69.4





#9

Benzaldehyde

Concen: 15.74 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

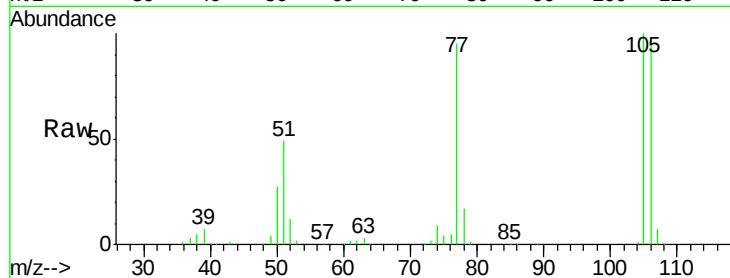
Tot Ion: 77 Resp: 109553

Ion Ratio Lower Upper

77 100

105 105.4 81.1 121.1

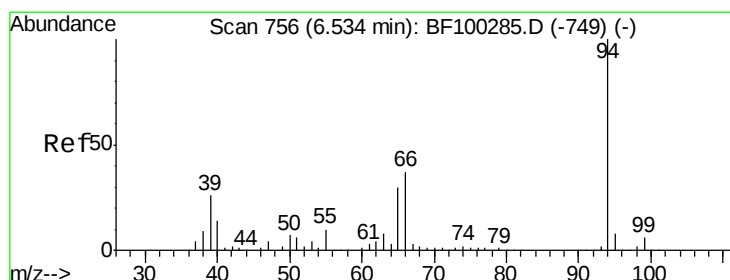
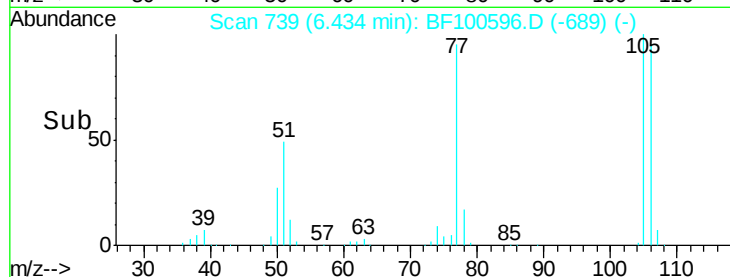
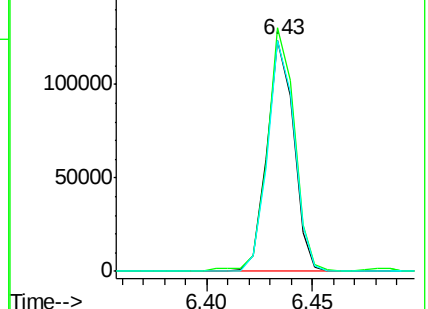
106 99.9 74.5 114.5



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: 33.63 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

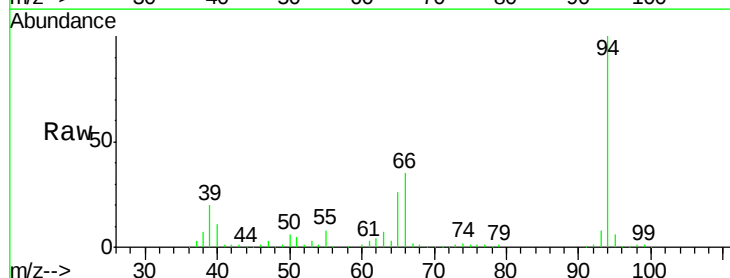
Tgt Ion: 94 Resp: 344081

Ion Ratio Lower Upper

94 100

65 26.3 7.9 47.9

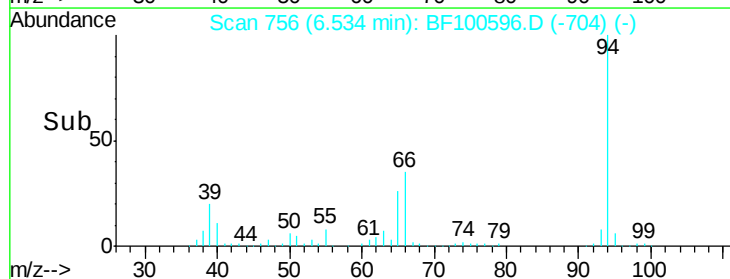
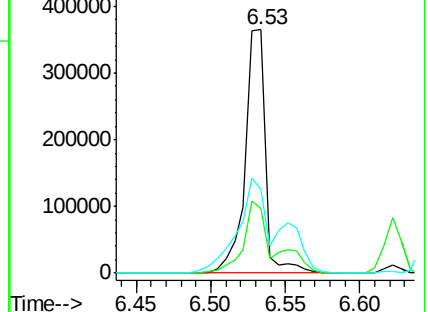
66 34.6 16.2 56.2

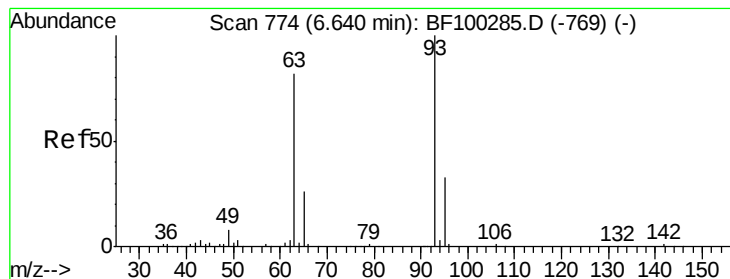


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 29.52 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

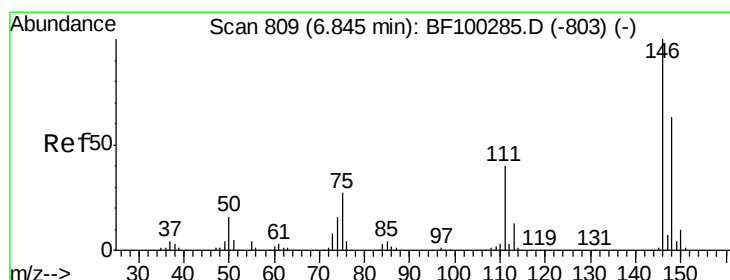
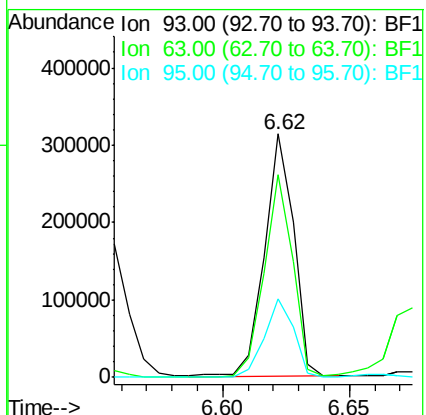
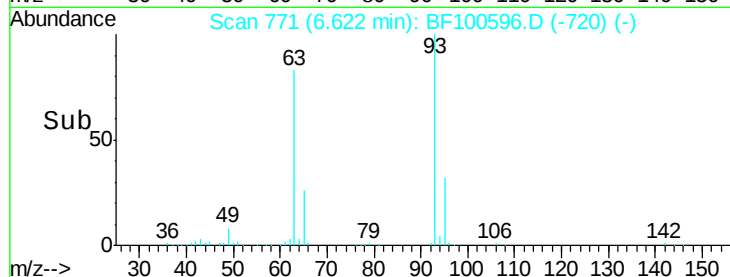
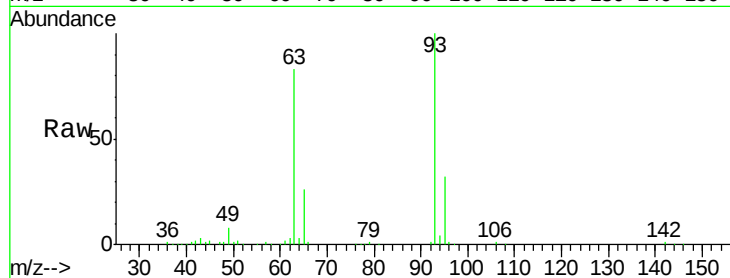
Tot Ion: 93 Resp: 253698

Ion Ratio Lower Upper

93 100

63 83.5 58.6 98.6

95 32.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 30.04 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

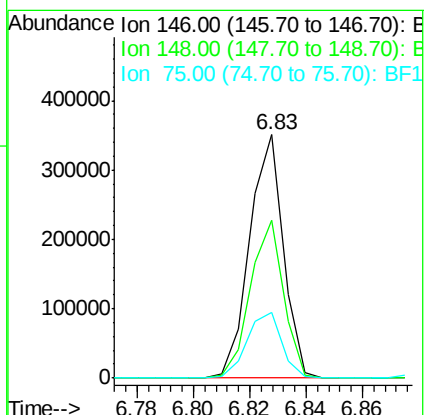
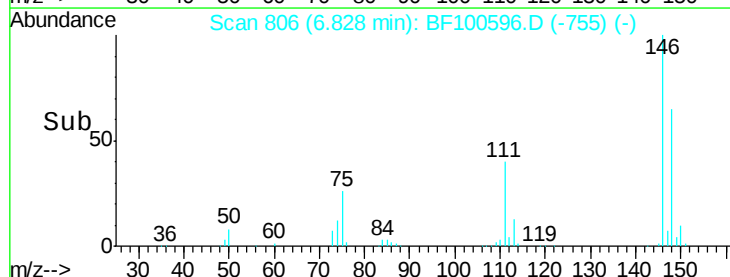
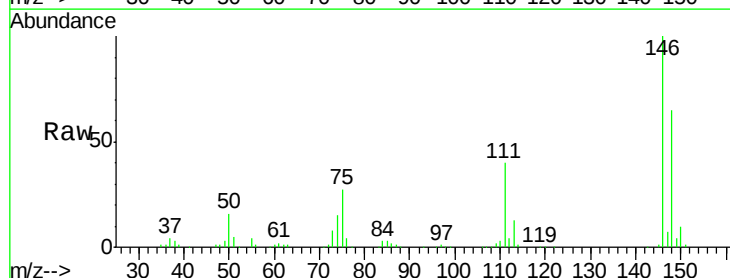
Tgt Ion: 146 Resp: 289621

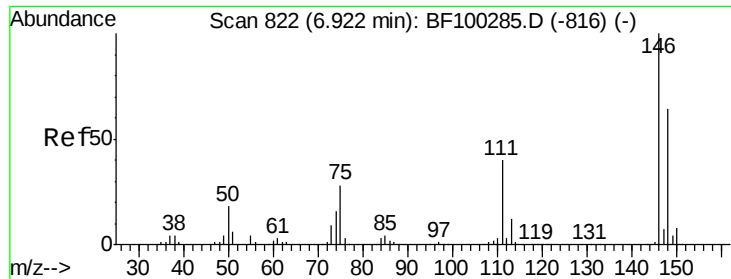
Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

75 26.7 24.2 36.4

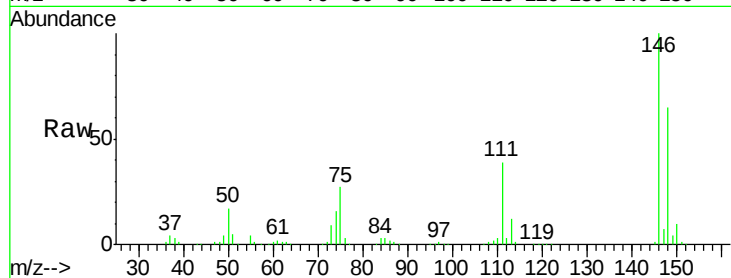




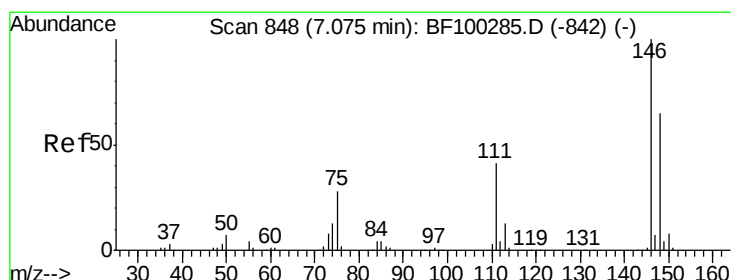
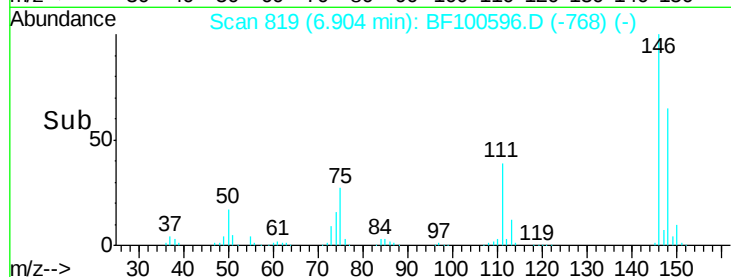
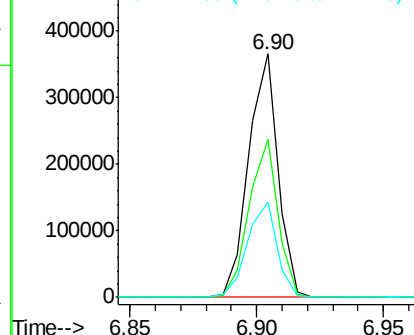
#13
 1,4-Dichlorobenzene
 Concen: 30.20 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	39.0	34.2	51.2

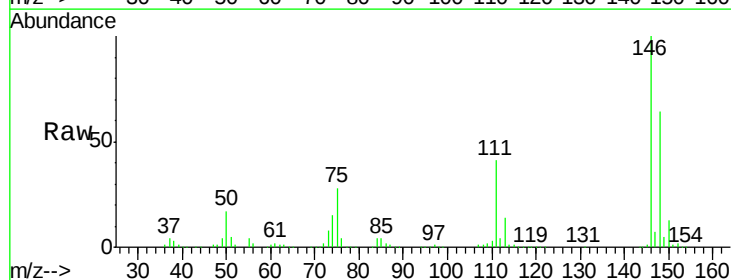


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

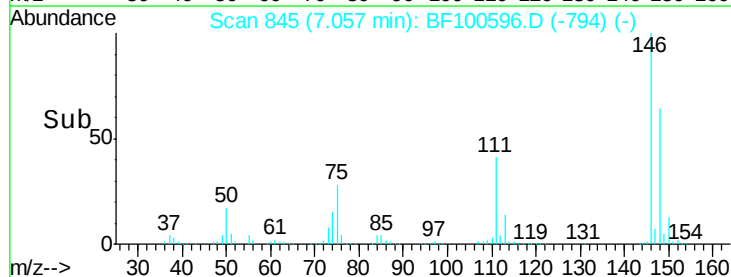
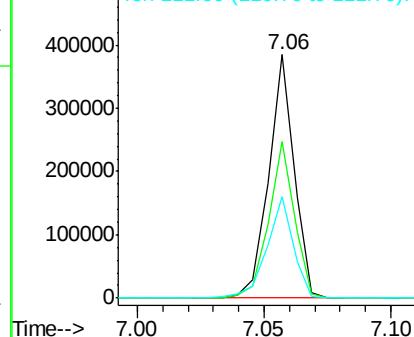


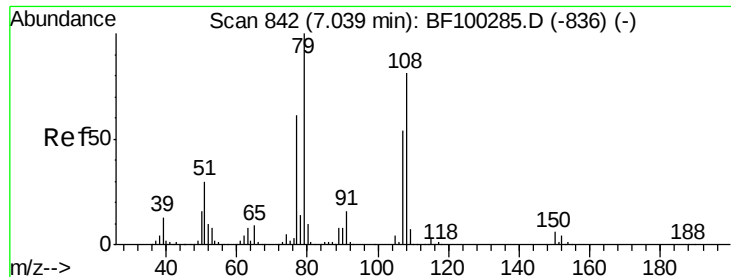
#14
 1,2-Dichlorobenzene
 Concen: 29.91 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	41.5	36.0	54.0



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





#15

Benzyl Alcohol

Concen: 29.92 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

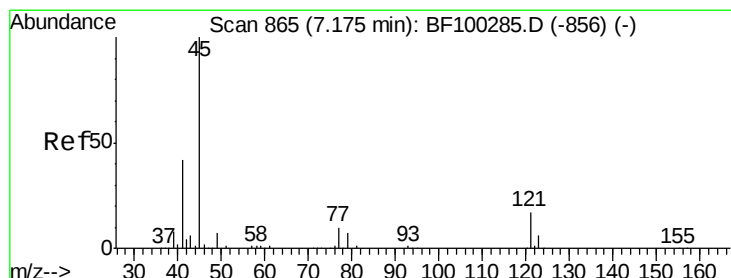
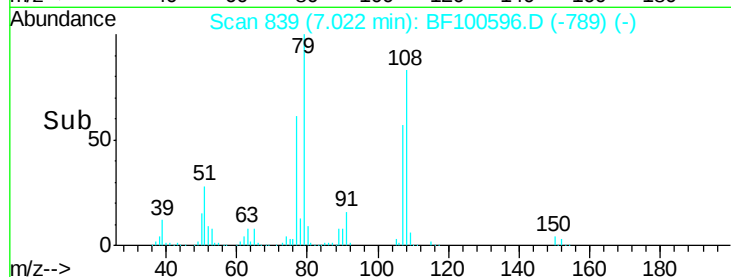
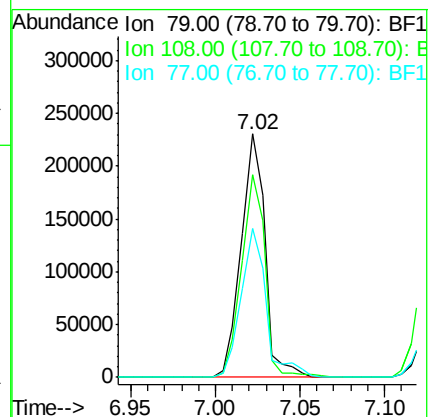
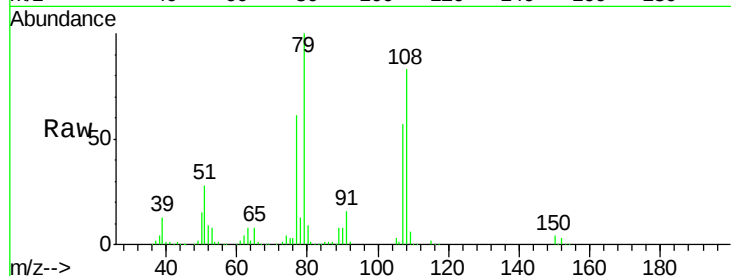
Tot Ion: 79 Resp: 227563

Ion Ratio Lower Upper

79 100

108 83.0 65.1 97.7

77 61.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.09 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

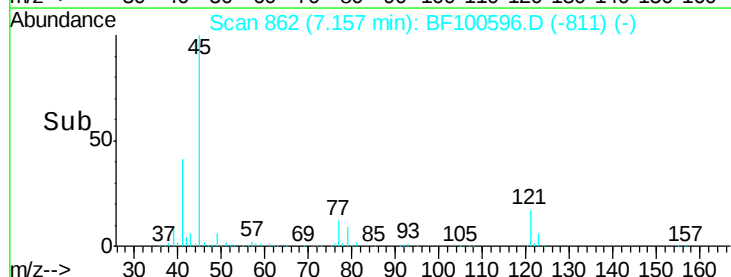
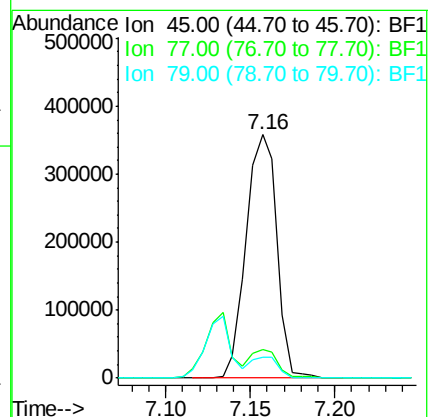
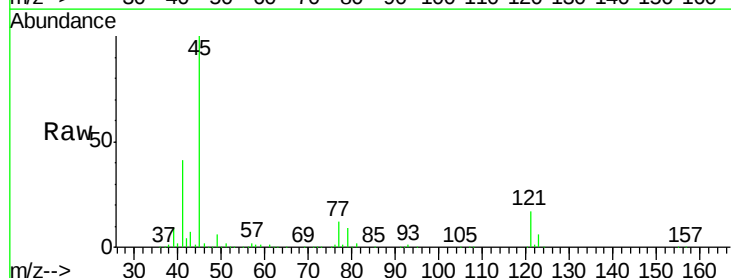
Tgt Ion: 45 Resp: 454775

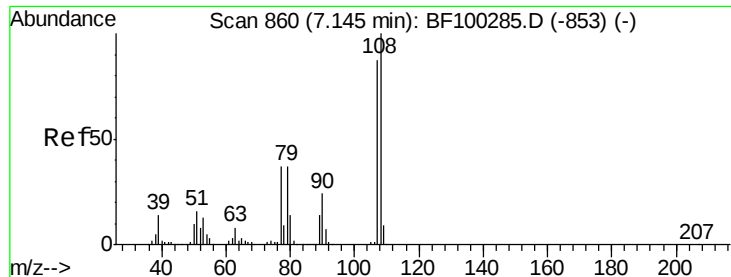
Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.9

79 8.8 0.0 29.6





#17

2-Methylphenol

Concen: 31.35 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 224013

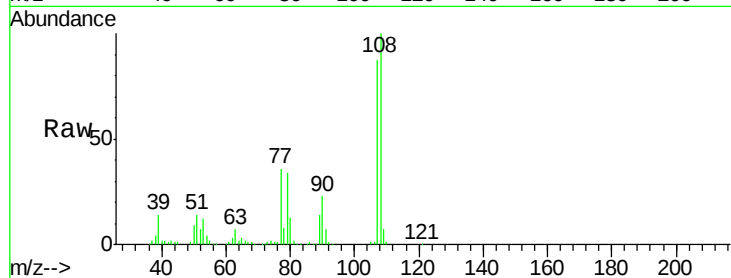
Ion Ratio Lower Upper

107 100

108 114.3 91.7 137.5

77 41.5 33.8 50.8

79 39.0 33.8 50.8

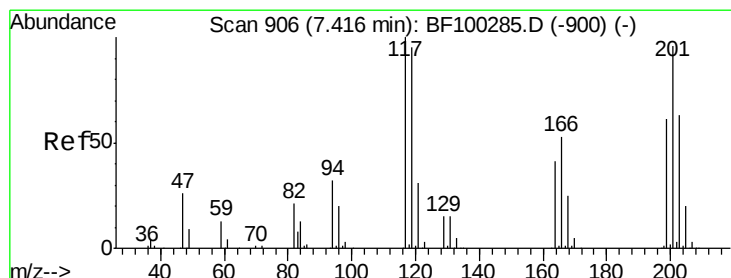
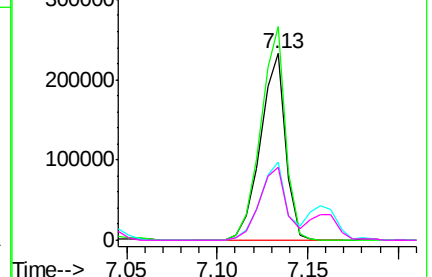
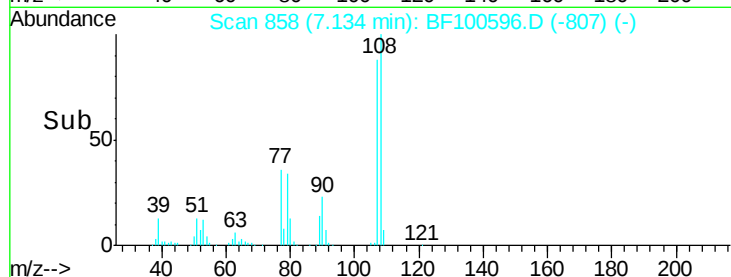


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 29.32 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

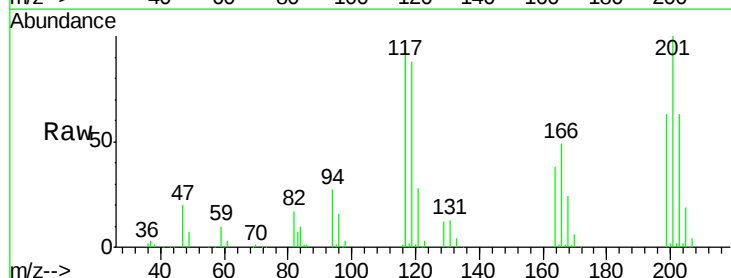
Tgt Ion:117 Resp: 94323

Ion Ratio Lower Upper

117 100

119 92.4 75.8 113.8

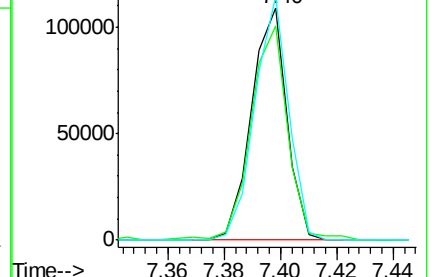
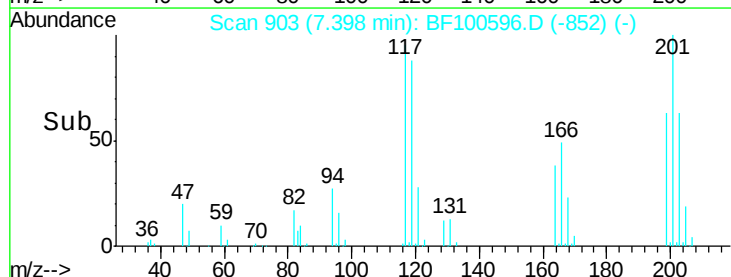
201 105.0 75.7 113.5

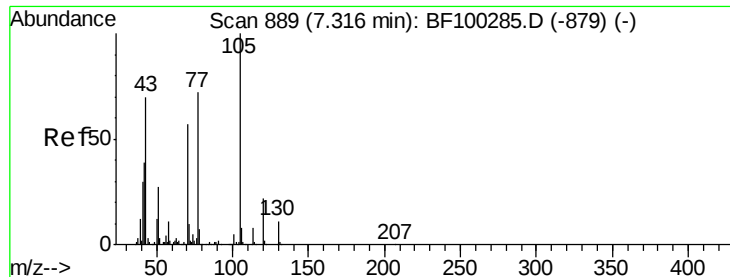


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

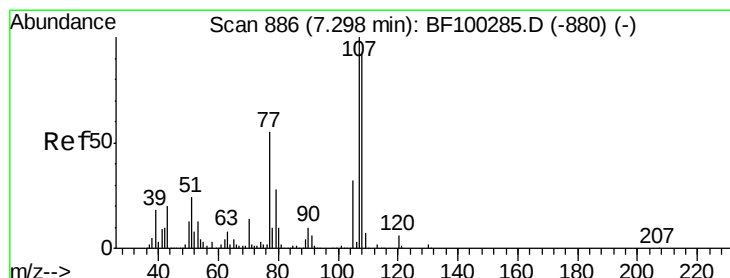
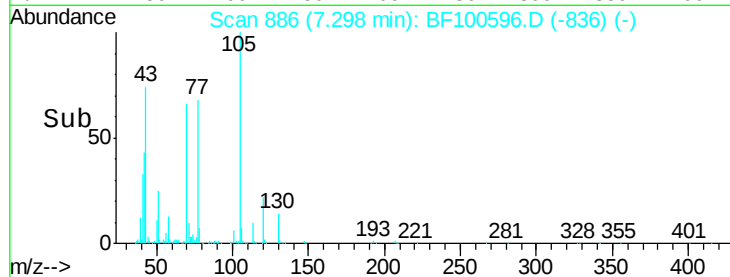
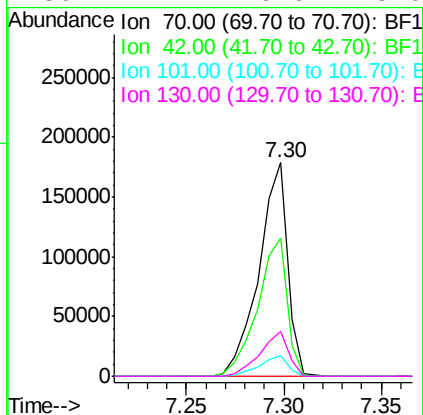
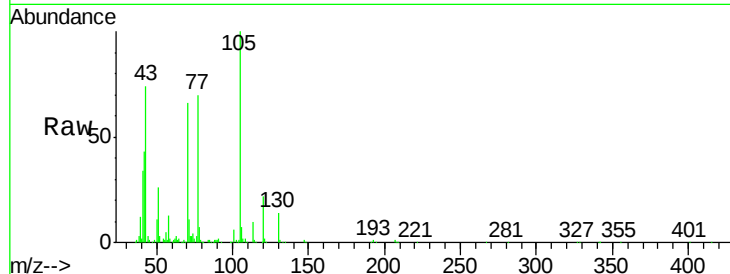




#19
n-Nitroso-di-n-propylamine
Concen: 27.00 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

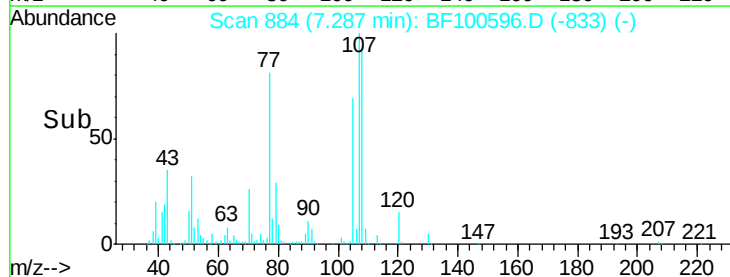
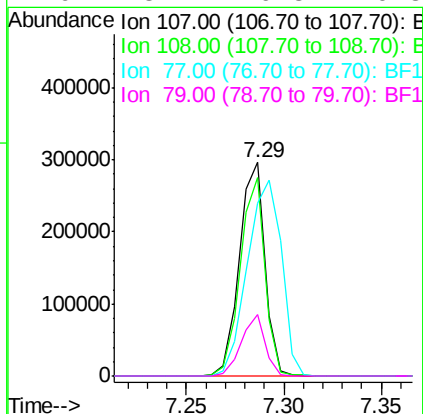
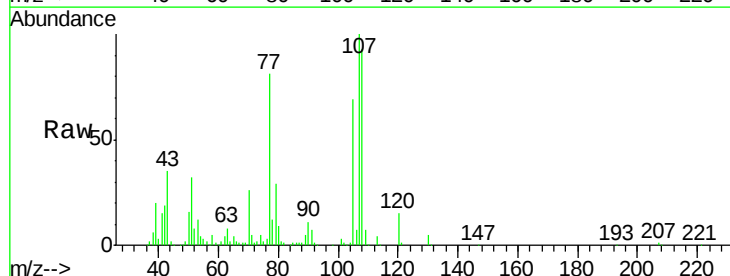
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.6	47.5	71.3
101	9.5	7.4	11.2
130	21.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 29.81 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	68.2	108.2
77	80.7	26.7	66.7#
79	28.7	6.3	46.3

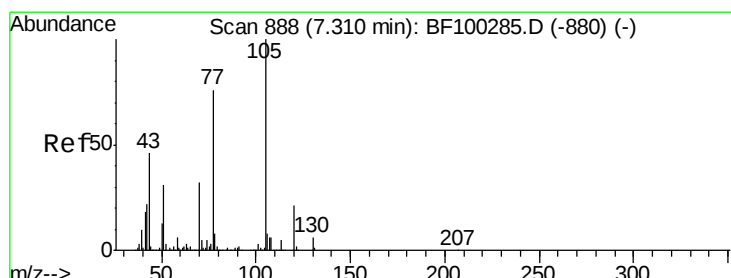
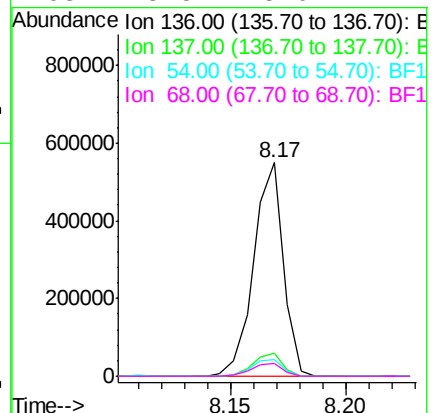
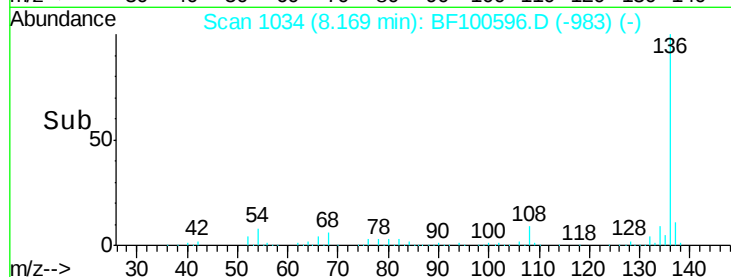
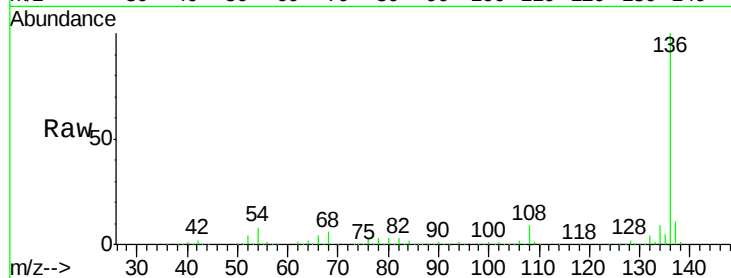




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

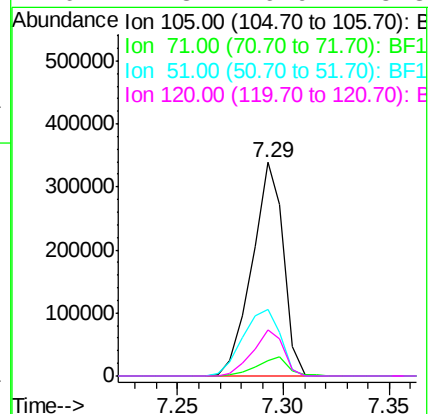
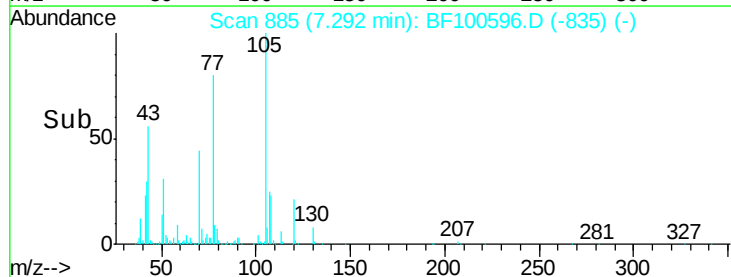
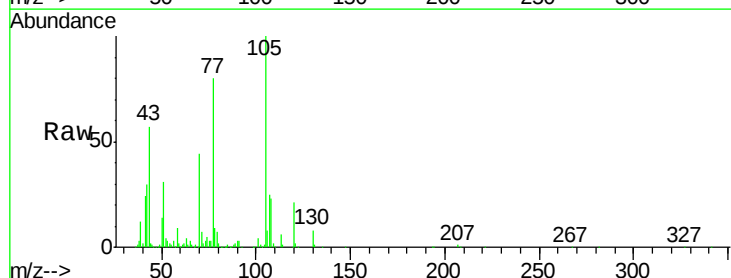
Instrument :
BNA_F
ClientSampleId :

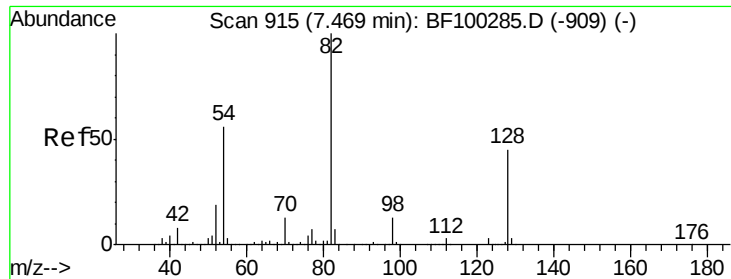
Tot Ion:136	Resp:	493698
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.1	6.6 9.8
68	5.8	5.0 7.4



#22
Acetophenone
Concen: 28.94 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion:105	Resp:	348359
Ion Ratio	Lower	Upper
105	100	
71	7.2	4.4 6.6#
51	31.1	22.3 33.5
120	21.3	16.9 25.3

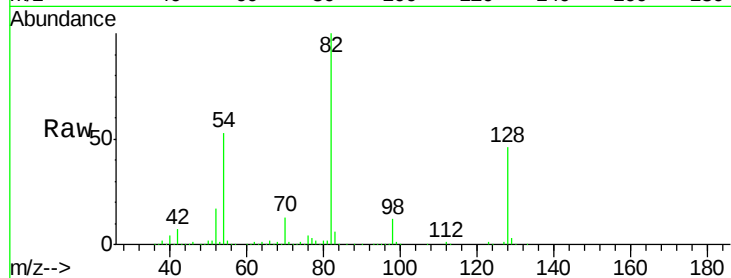




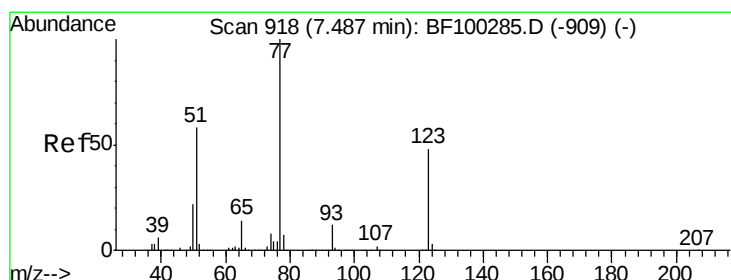
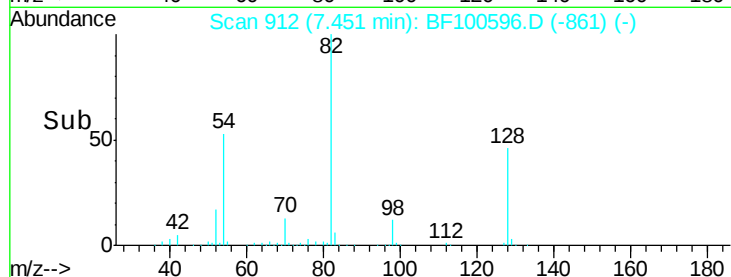
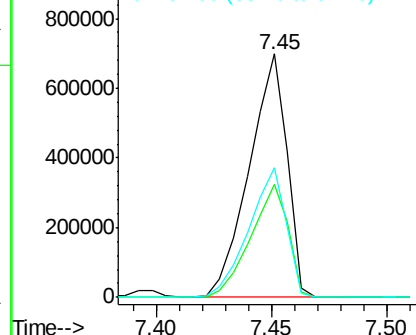
#23
 Nitrobenzene-d5
 Concen: 106.55 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	795660
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.1	54.1
54	53.4	41.4	62.2

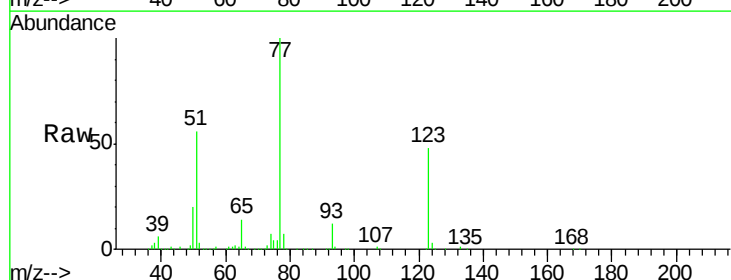


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

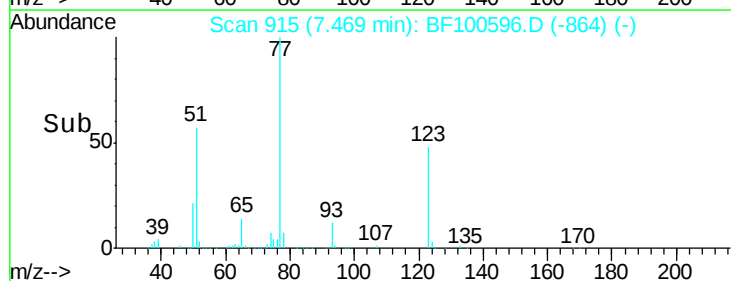
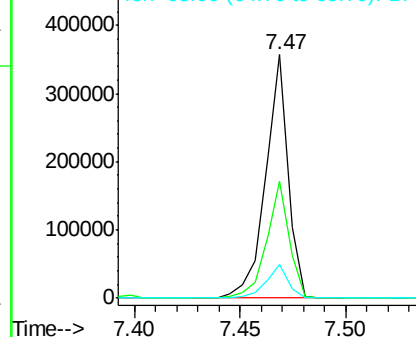


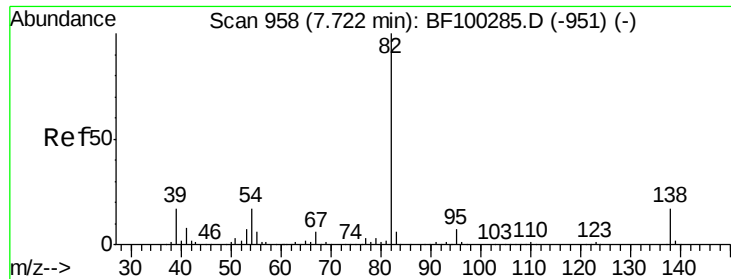
#24
 Nitrobenzene
 Concen: 34.65 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

Tgt Ion	77	Resp	266343
Ion Ratio	Lower	Upper	
77	100		
123	48.0	37.9	56.9
65	13.9	11.0	16.4



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

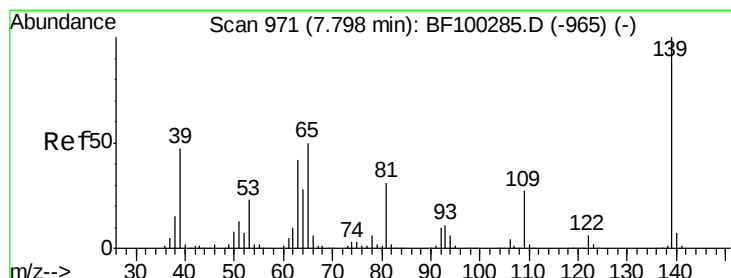
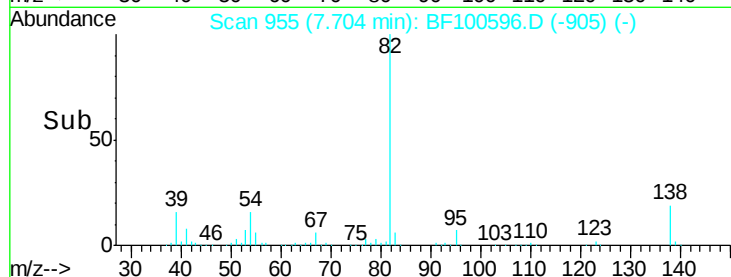
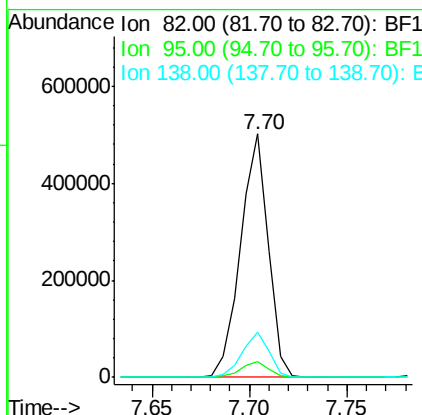
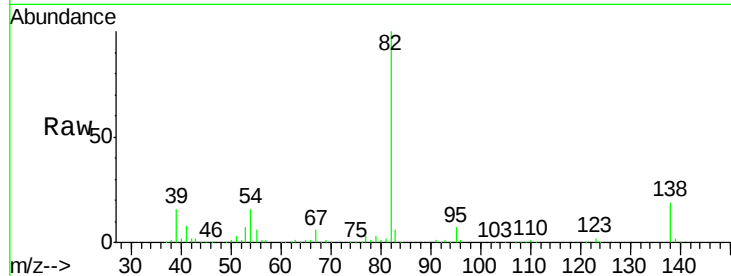




#25
Isophorone
Concen: 31.44 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

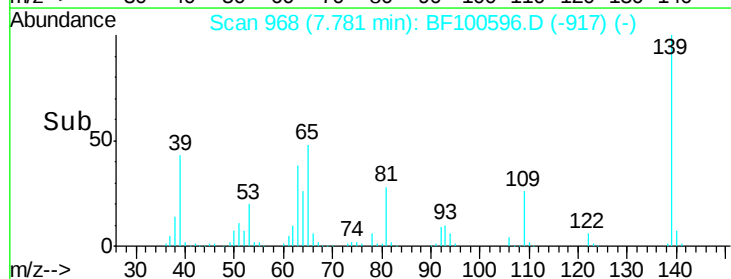
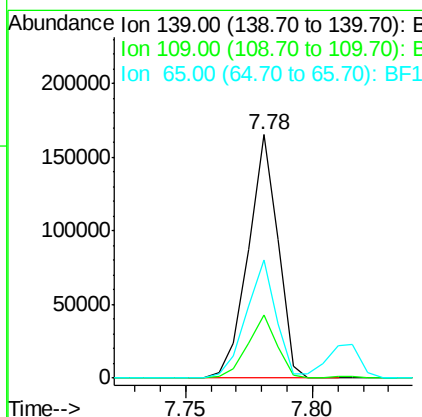
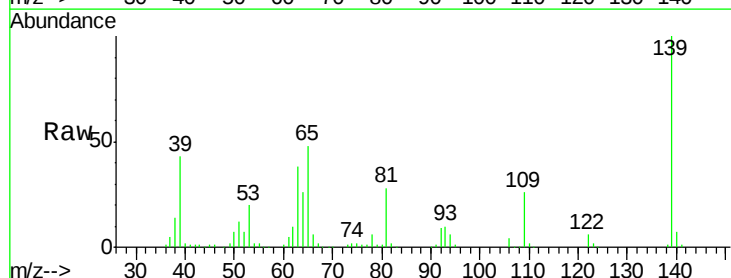
Instrument :
BNA_F
ClientSampleId :

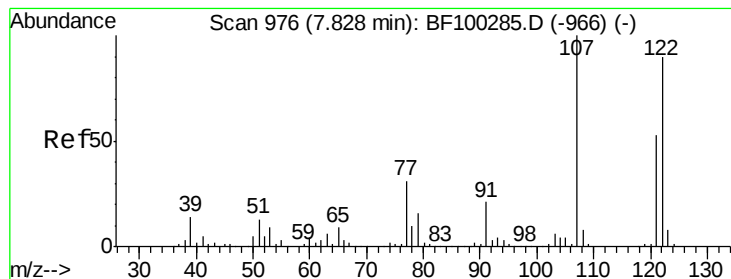
Tot Ion	82	Resp	493397
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.8	14.9	22.3



#26
2-Nitrophenol
Concen: 38.79 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion	139	Resp	135594
Ion	Ratio	Lower	Upper
139	100		
109	26.0	22.7	34.1
65	48.3	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 33.84 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampled :

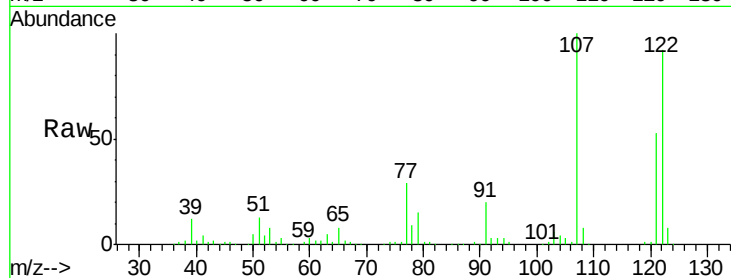
Tot Ion:122 Resp: 238058

Ion Ratio Lower Upper

122 100

107 108.9 91.2 136.8

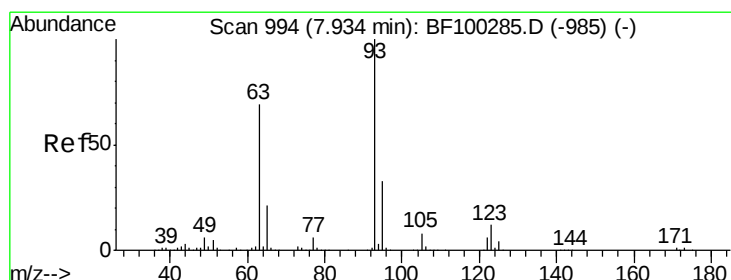
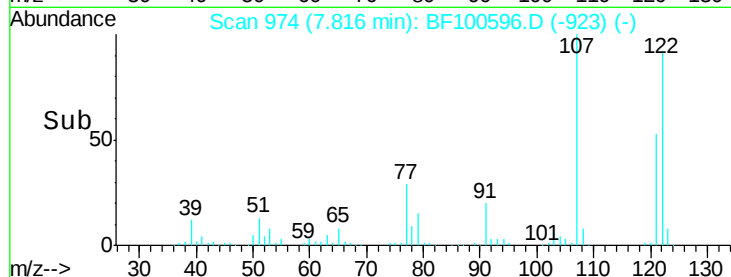
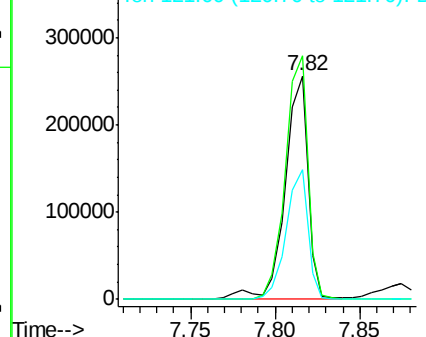
121 58.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.18 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

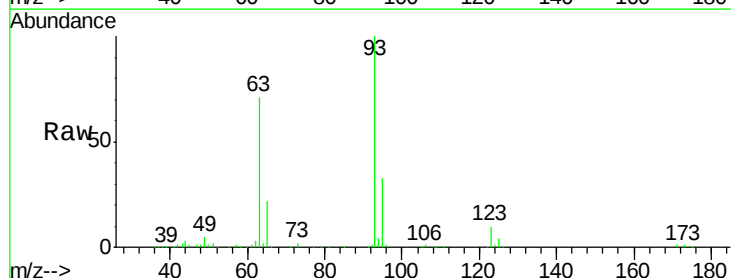
Tgt Ion: 93 Resp: 320035

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

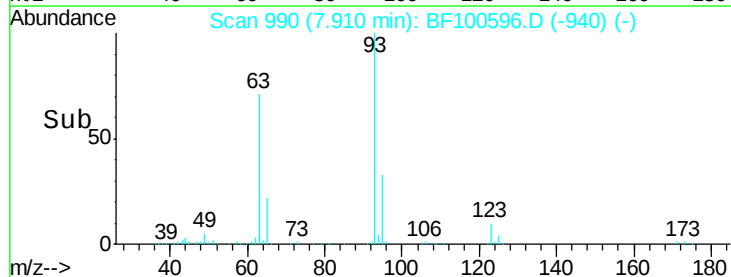
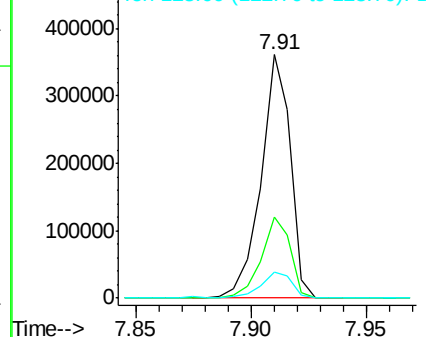
123 10.5 9.8 14.6

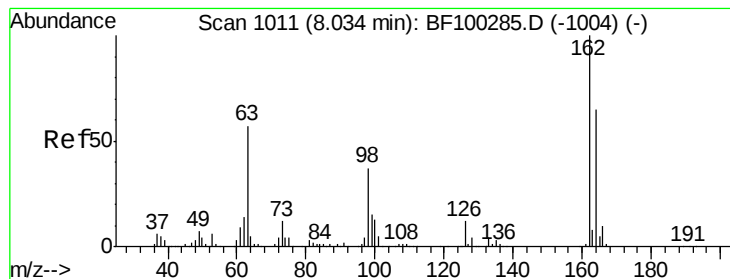


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 32.83 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

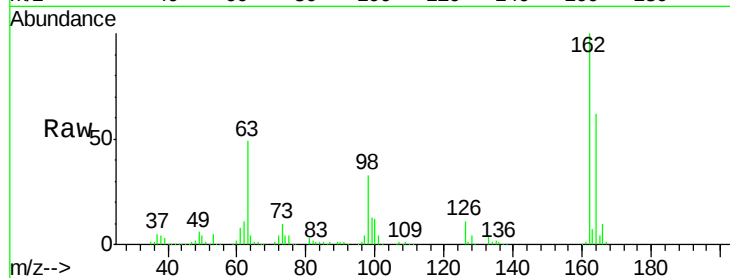
Tot Ion:162 Resp: 220442

Ion Ratio Lower Upper

162 100

164 62.3 42.7 82.7

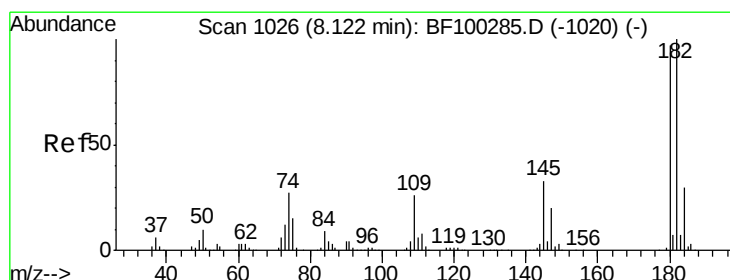
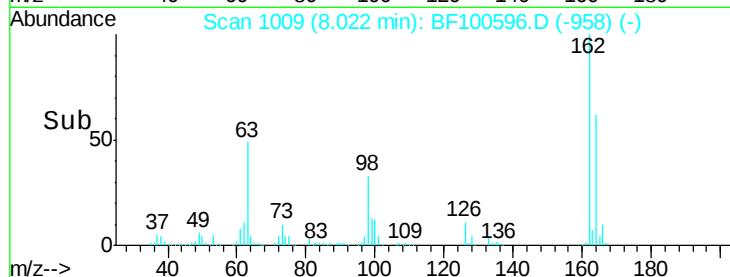
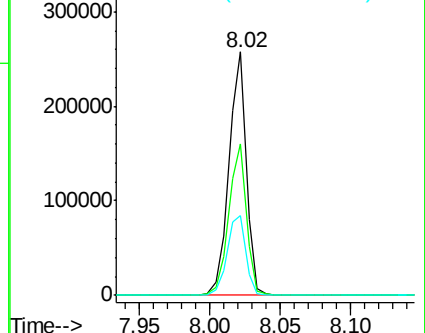
98 32.7 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 31.15 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

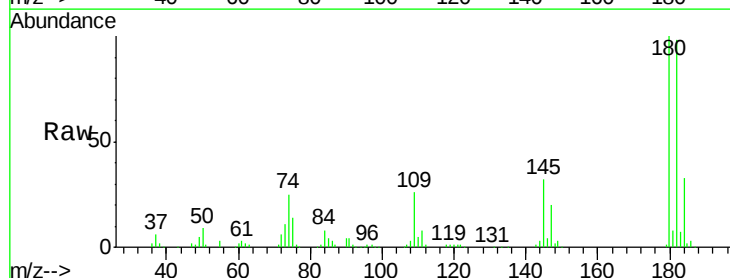
Tgt Ion:180 Resp: 226246

Ion Ratio Lower Upper

180 100

182 98.3 76.8 115.2

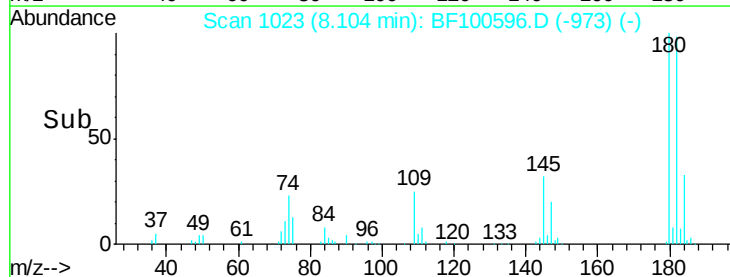
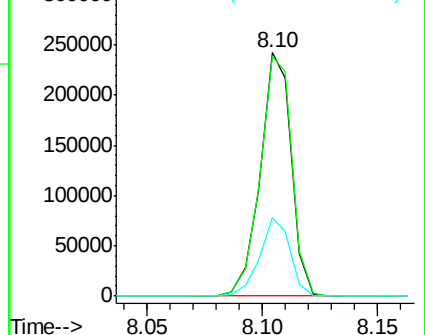
145 32.3 26.5 39.7

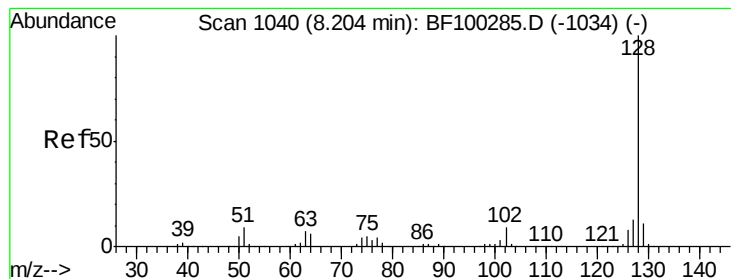


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 30.38 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampled :

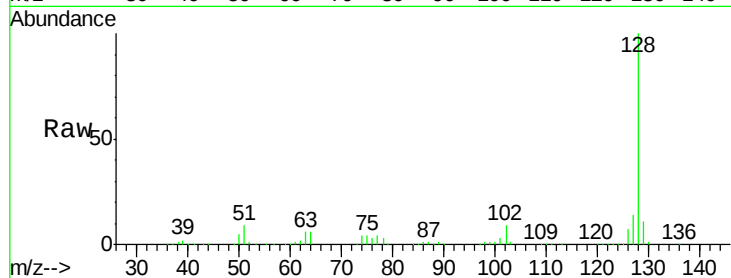
Tot Ion:128 Resp: 722466

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

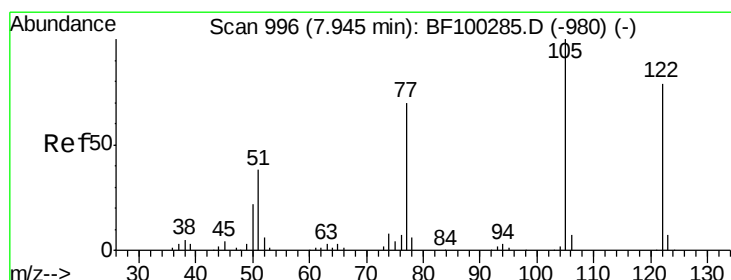
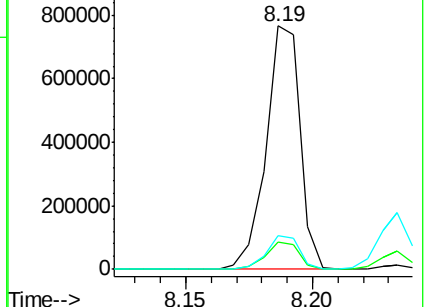
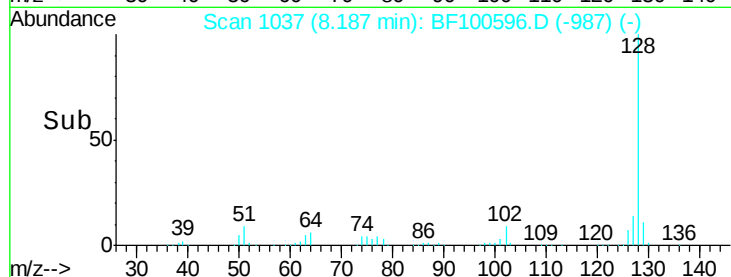
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.14 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.06 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

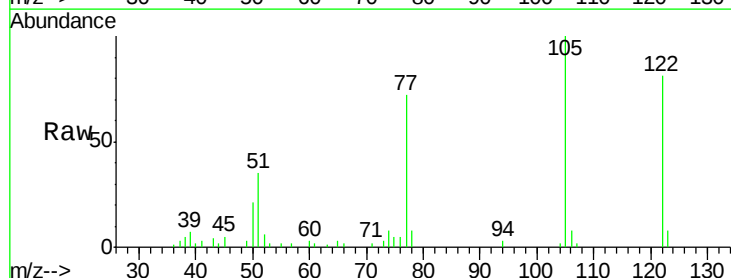
Tgt Ion:122 Resp: 25242

Ion Ratio Lower Upper

122 100

105 124.1 101.1 141.1

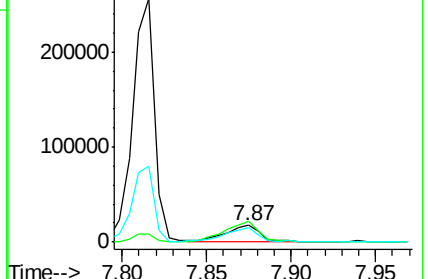
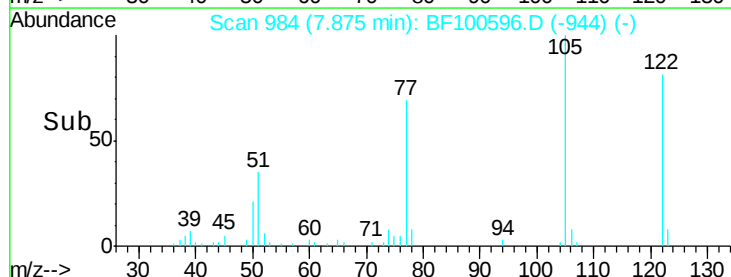
77 89.2 70.7 110.7

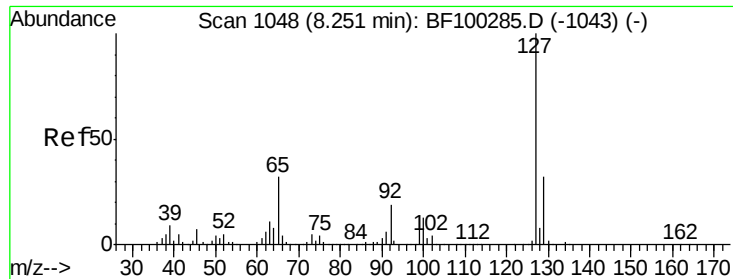


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

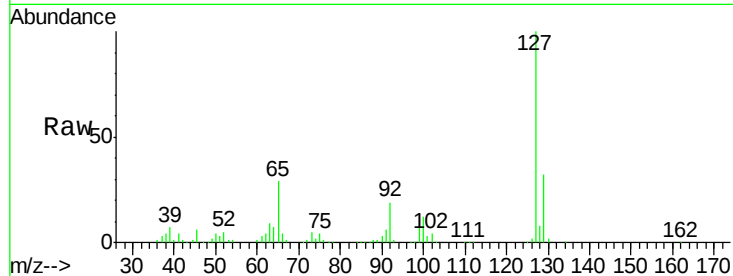




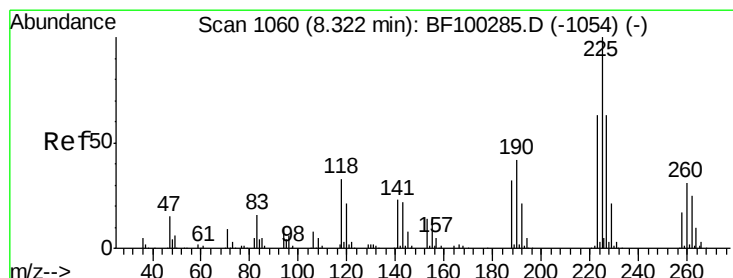
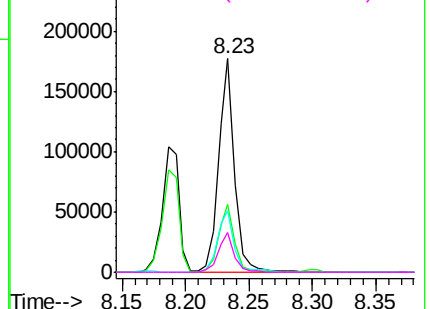
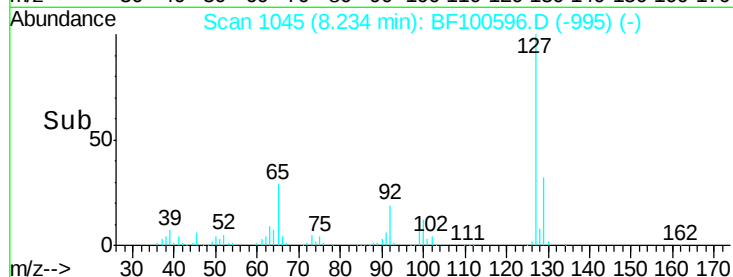
#33
4-Chloroaniline
Concen: 15.81 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	156535
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	29.0	25.0	37.4
92	18.5	15.2	22.8

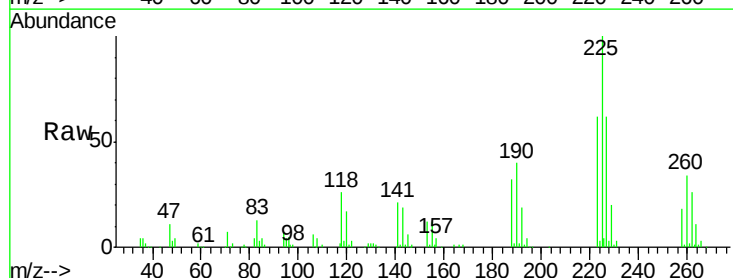


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

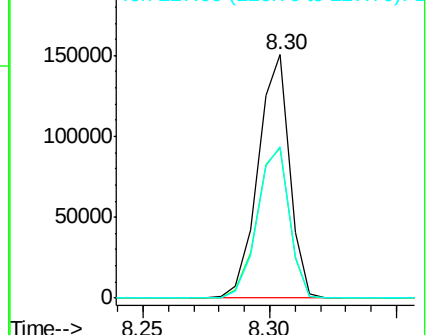
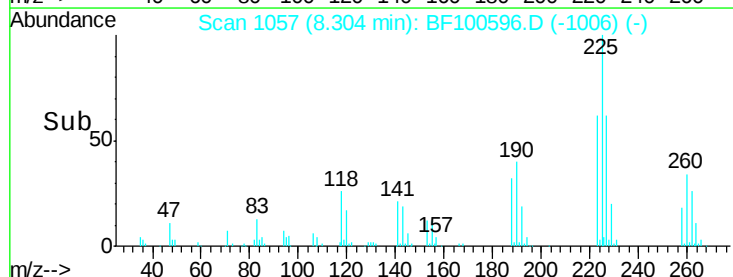


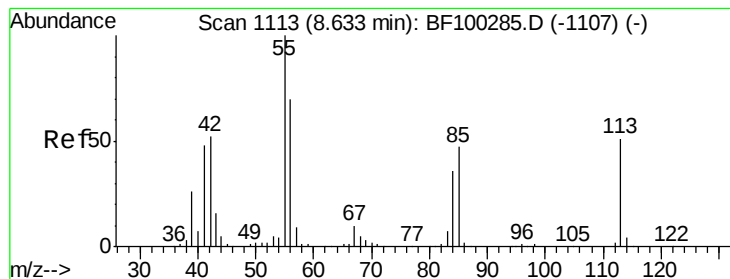
#34
Hexachlorobutadiene
Concen: 30.22 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion:	225	Resp:	130519
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	62.1	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.59 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.03 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

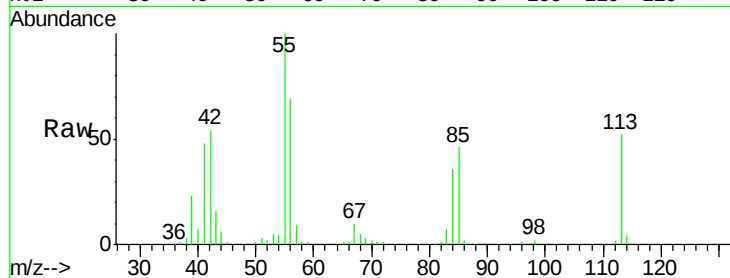
Tot Ion:113 Resp: 61291

Ion Ratio Lower Upper

113 100

55 192.3 163.3 203.3

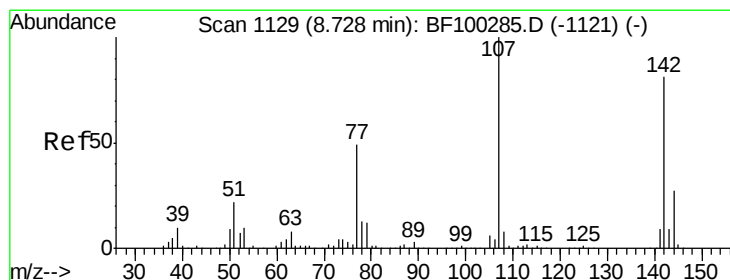
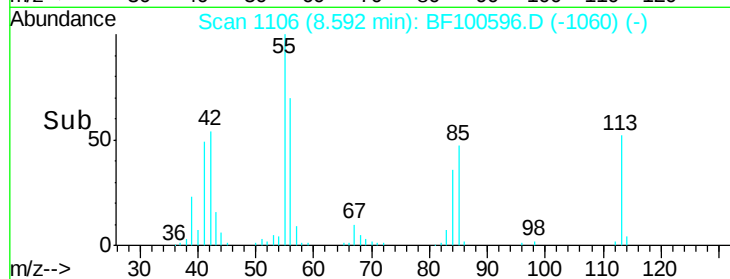
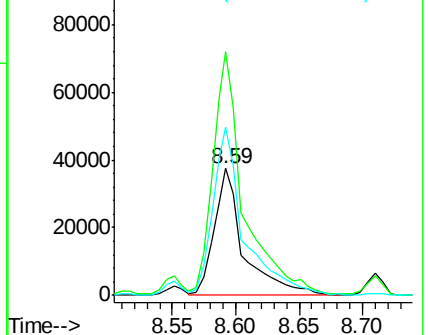
56 133.1 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 29.84 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

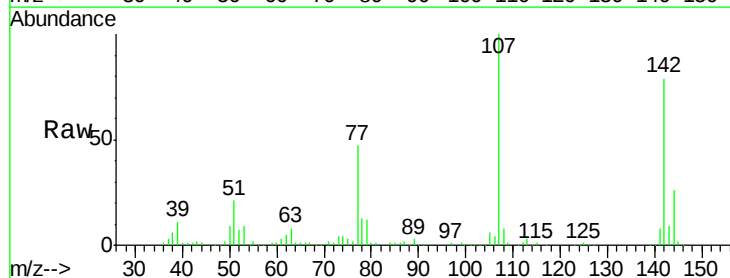
Tgt Ion:107 Resp: 215226

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

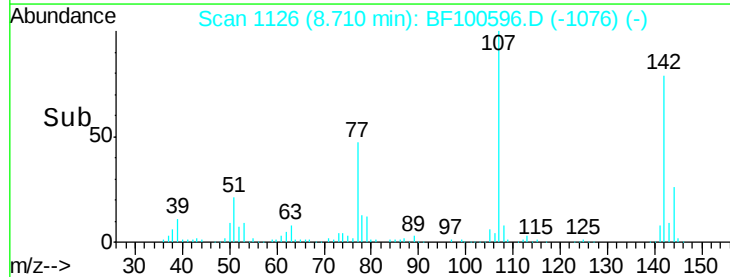
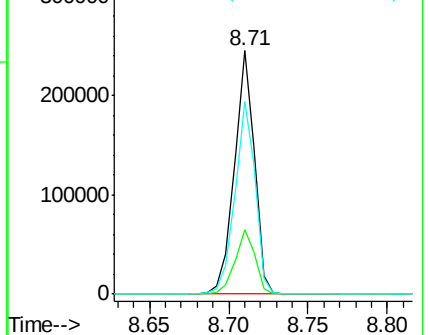
142 79.0 62.0 93.0

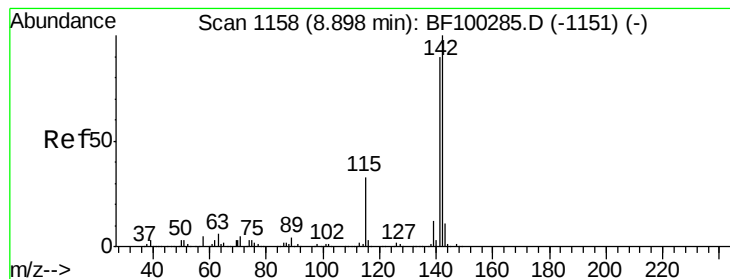


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 30.10 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

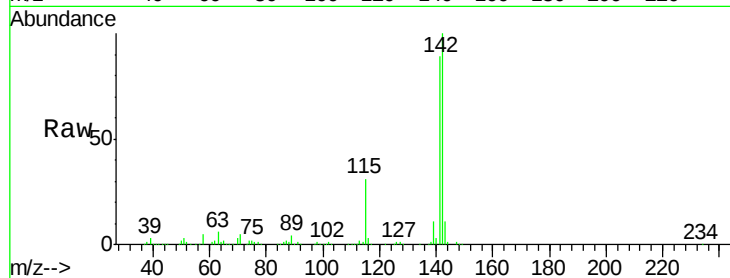
Tot Ion:142 Resp: 475236

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2

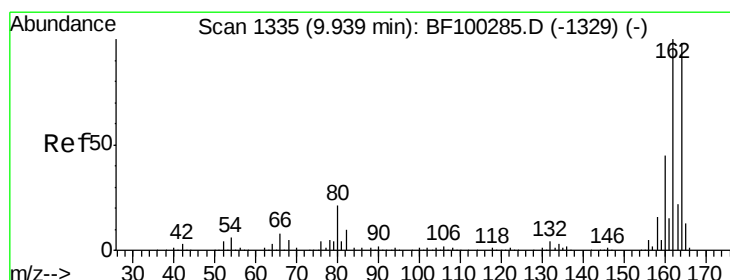
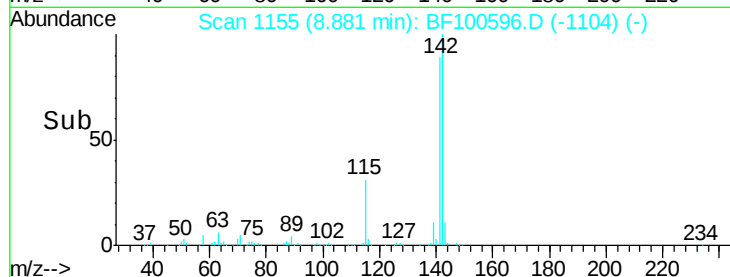
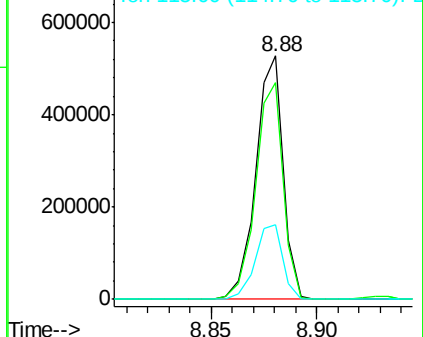
115 30.6 26.1 39.1



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: 20.00 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

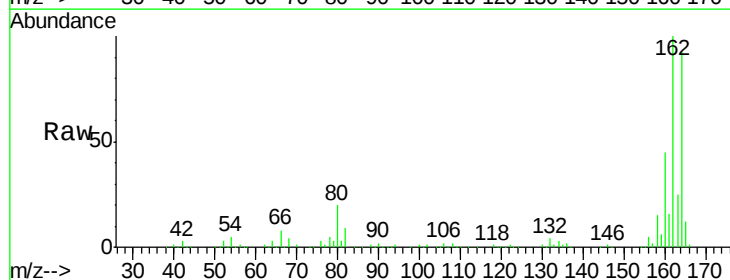
Tgt Ion:164 Resp: 203359

Ion Ratio Lower Upper

164 100

162 107.3 86.1 129.1

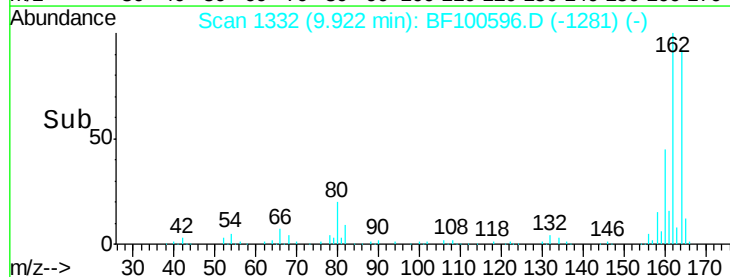
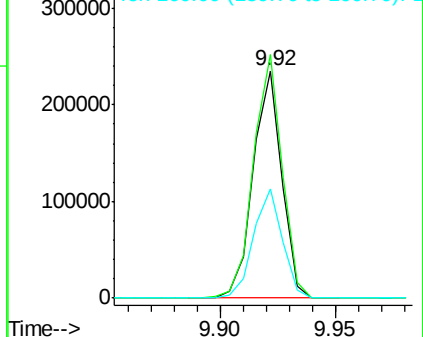
160 48.1 38.3 57.5

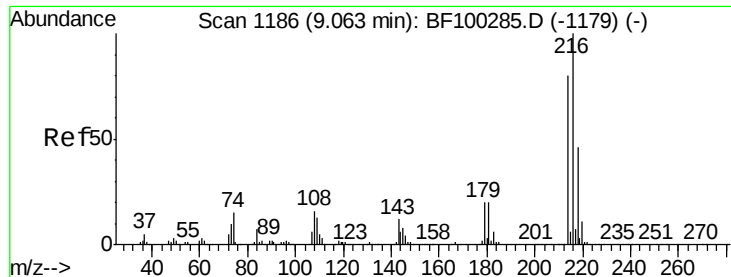


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

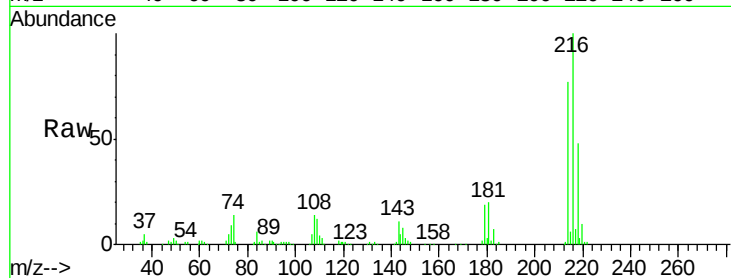




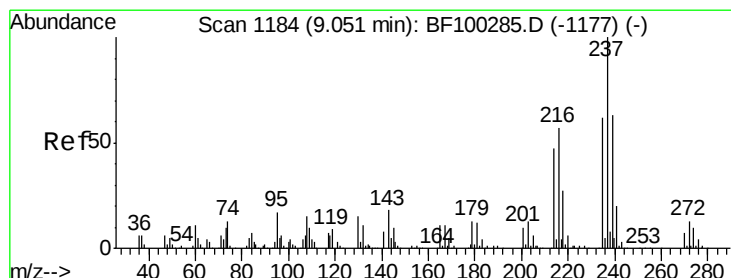
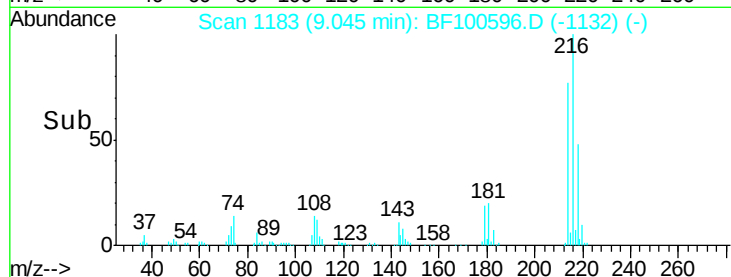
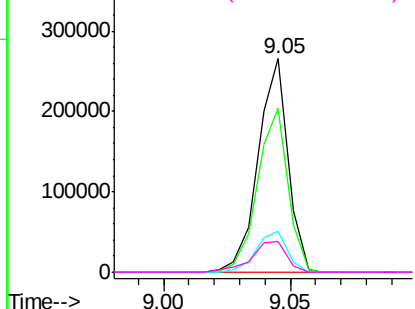
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.29 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	217753
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.0	94.4
179	20.1	18.1	27.1
108	17.0	17.2	25.8#

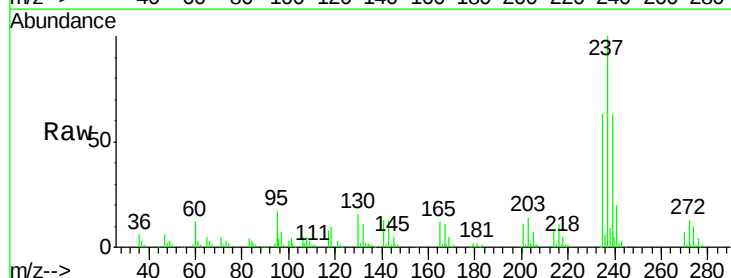


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

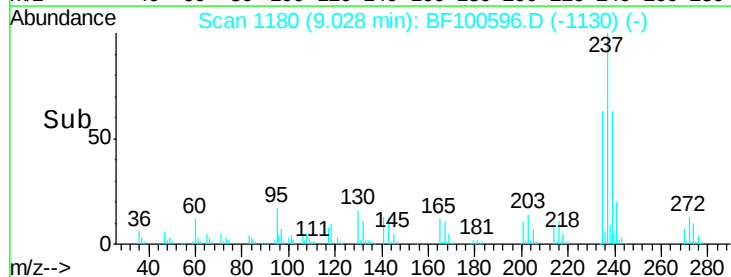
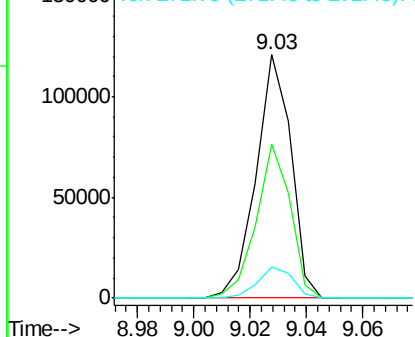


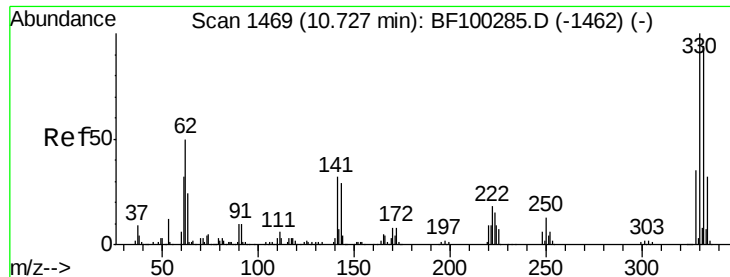
#40
 Hexachlorocyclopentadiene
 Concen: 32.57 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

Tgt Ion:	237	Resp:	103393
Ion	Ratio	Lower	Upper
237	100		
235	63.2	44.8	84.8
272	12.8	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

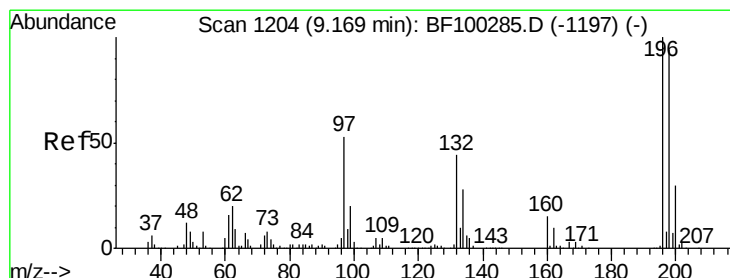
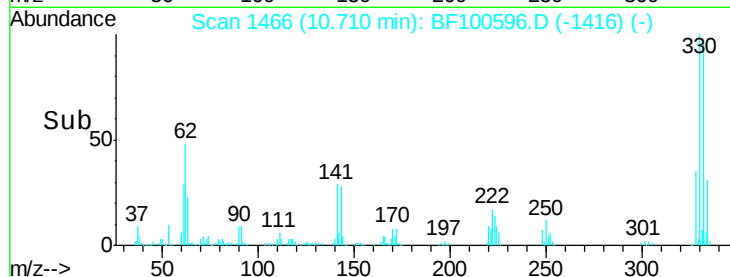
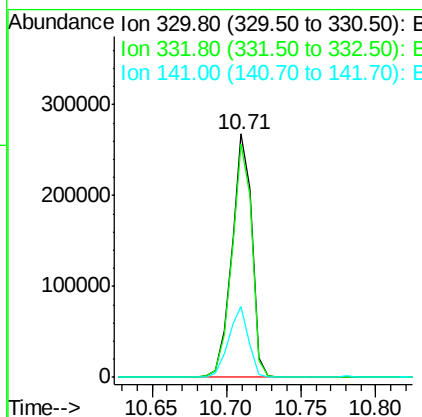
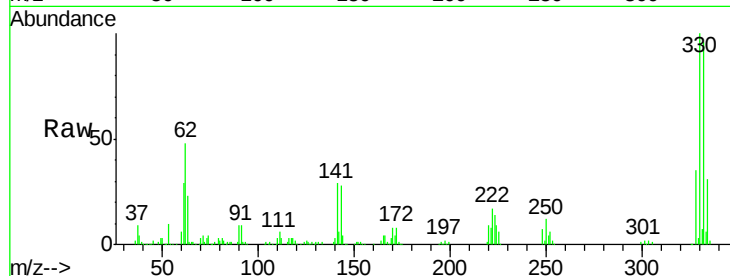




#41
 2,4,6-Tribromophenol
 Concen: 122.03 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

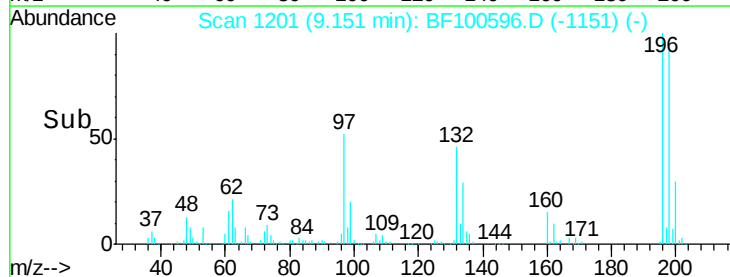
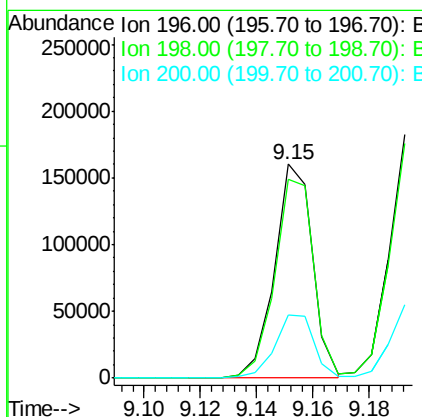
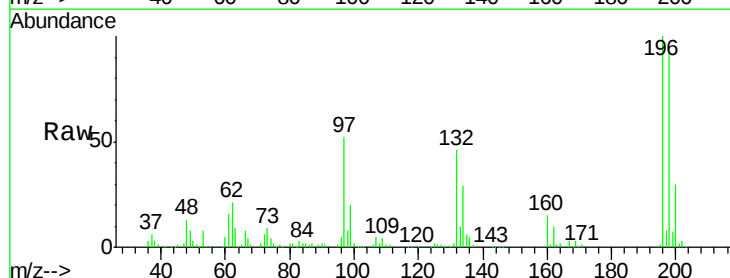
Instrument :
 BNA_F
 ClientSampleId :

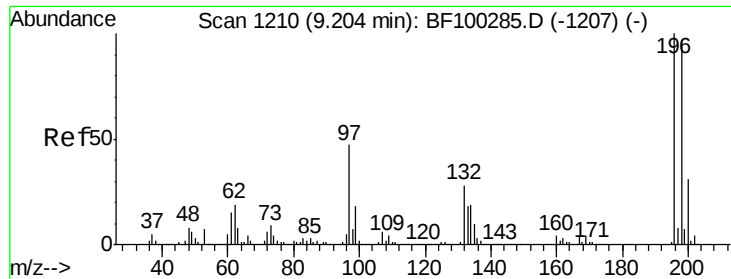
Tot Ion:330 Resp: 252866
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 29.2 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 34.74 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

Tgt Ion:196 Resp: 148487
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.7 113.5
 200 29.7 24.5 36.7

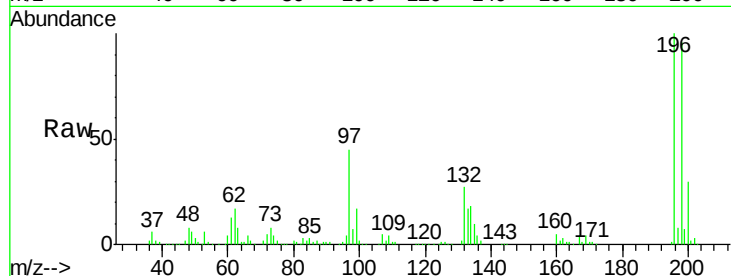




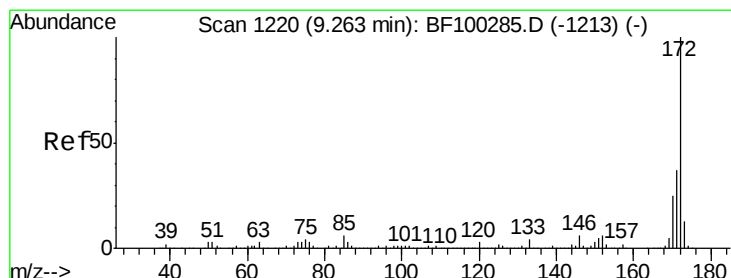
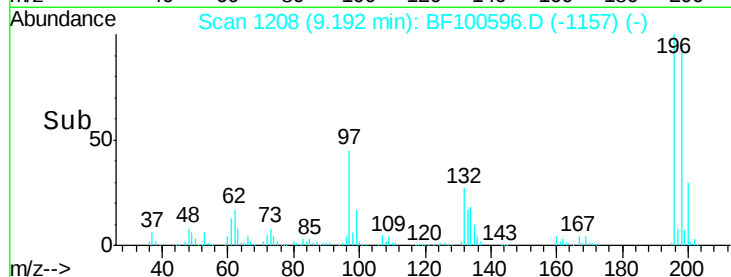
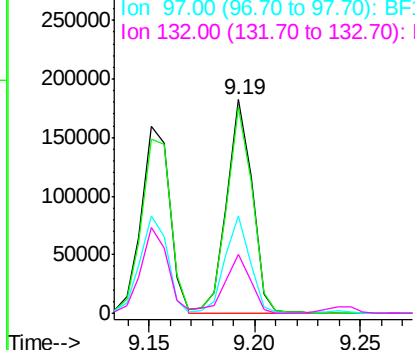
#43
 2,4,5-Trichlorophenol
 Concen: 34.37 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 152232
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.6 112.0
 97 45.4 42.9 64.3
 132 27.3 26.3 39.5

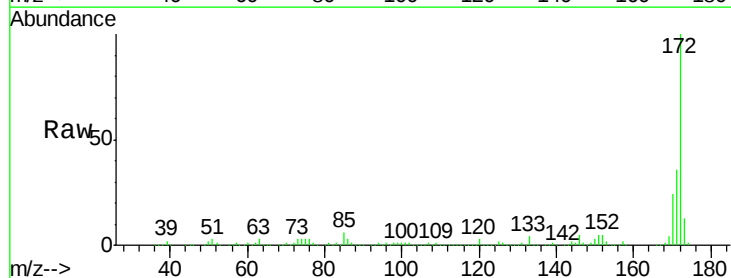


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

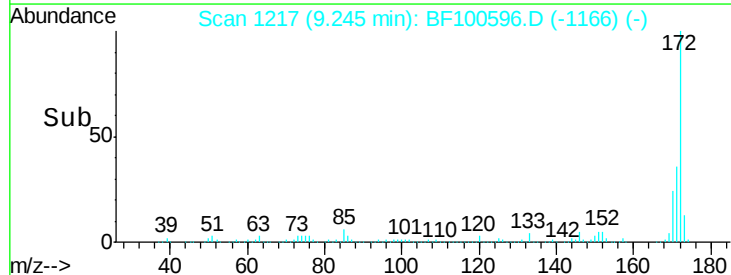
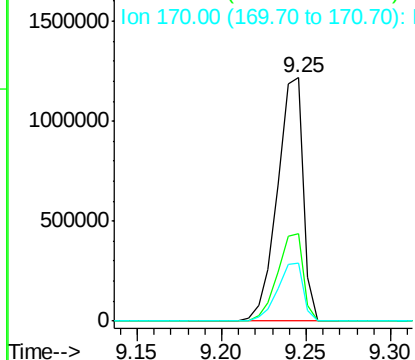


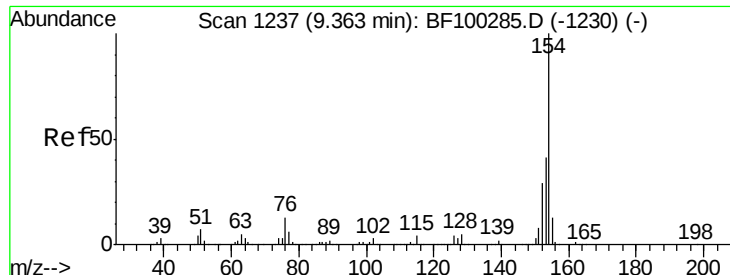
#44
 2-Fluorobiphenyl
 Concen: 96.96 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

Tgt Ion:172 Resp: 1294917
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.7 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: 31.87 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

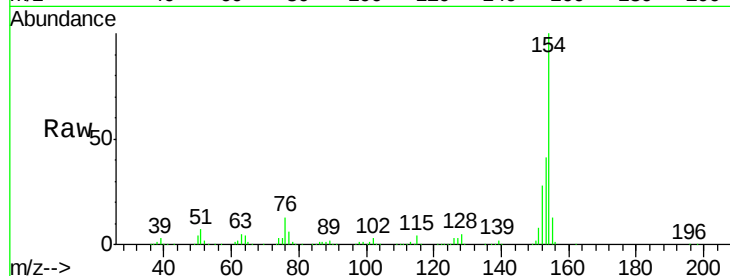
Tot Ion:154 Resp: 560496

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

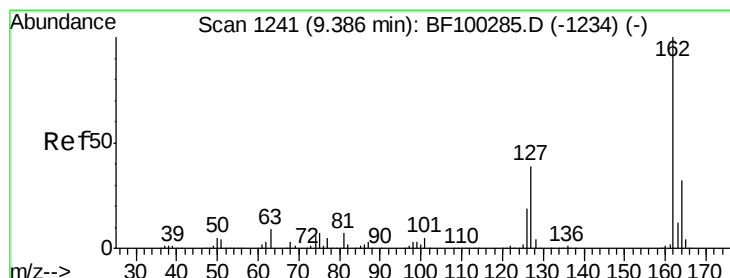
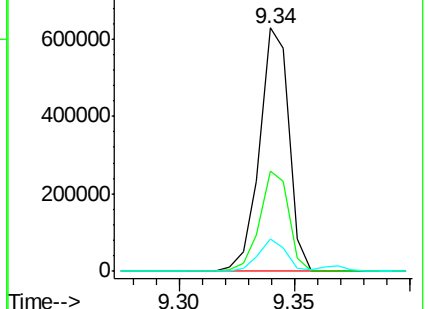
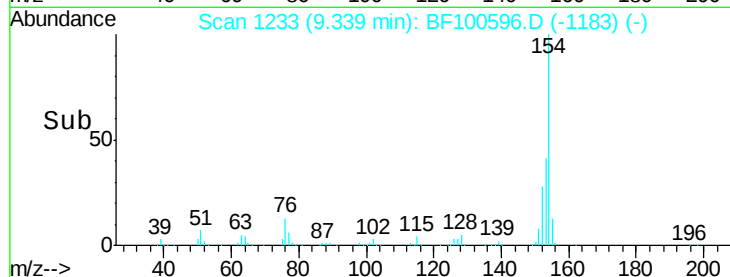
76 13.4 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 33.62 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

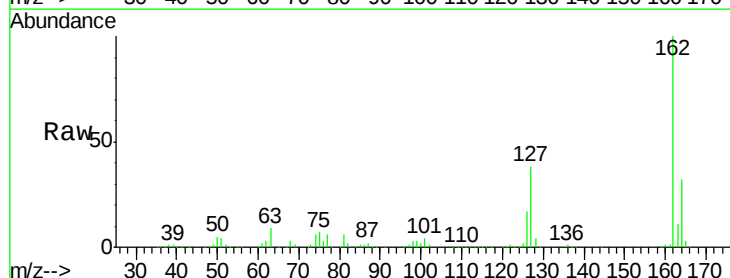
Tgt Ion:162 Resp: 428935

Ion Ratio Lower Upper

162 100

127 38.1 33.9 50.9

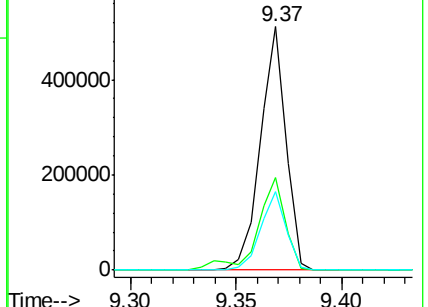
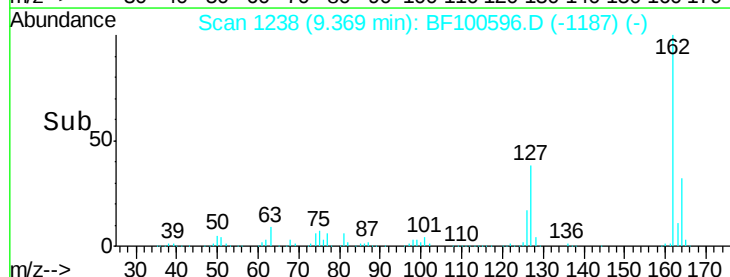
164 32.1 26.5 39.7

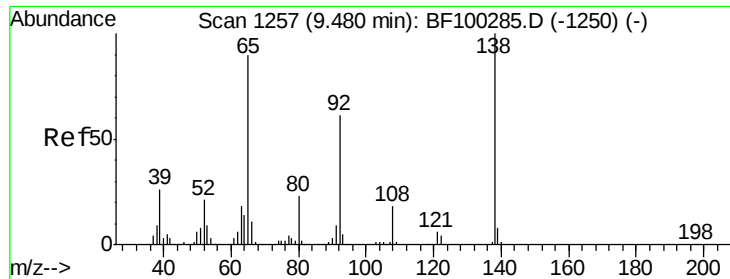


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

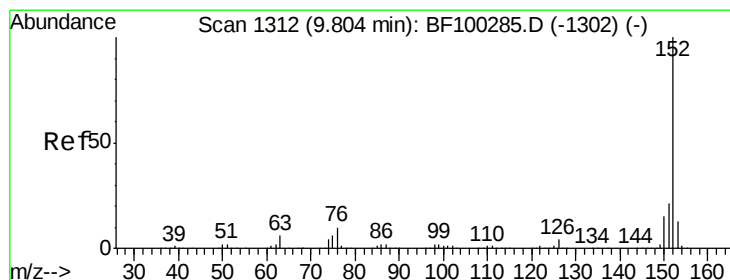
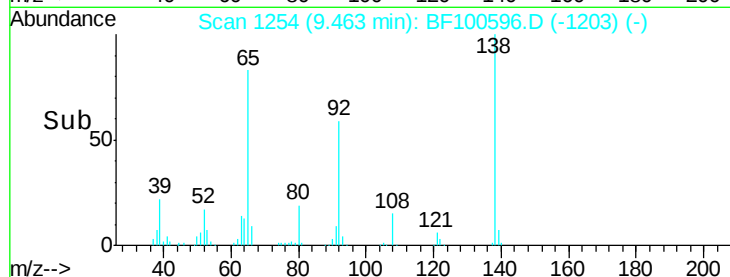
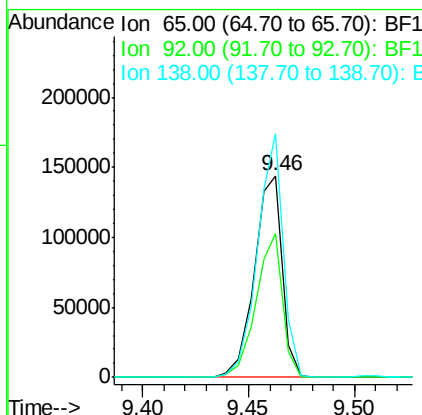
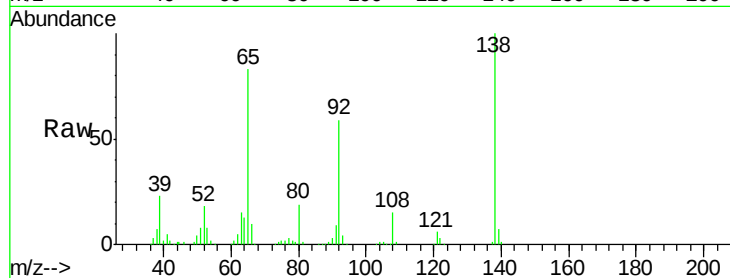




#47
2-Nitroaniline
Concen: 35.72 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

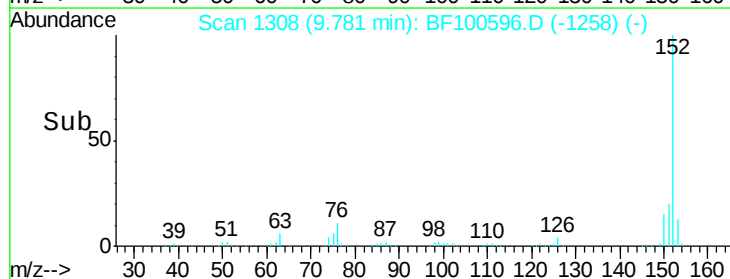
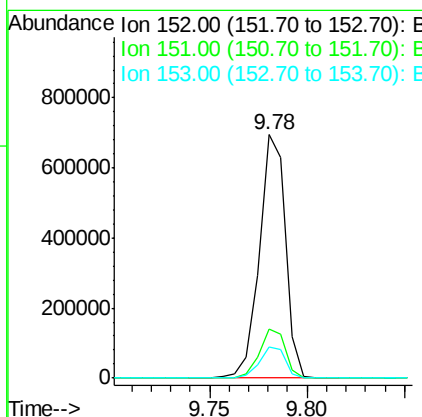
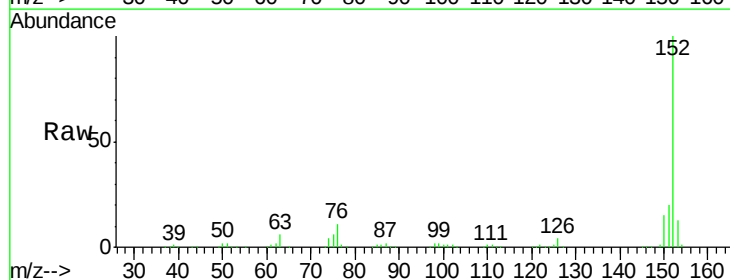
Instrument :
BNA_F
ClientSampleId :

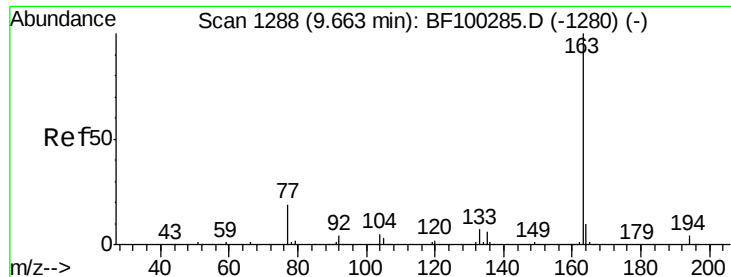
Tot Ion: 65 Resp: 131805
Ion Ratio Lower Upper
65 100
92 71.5 55.8 83.6
138 120.7 91.2 136.8



#48
Acenaphthylene
Concen: 30.28 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion: 152 Resp: 640264
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.0 10.7 16.1

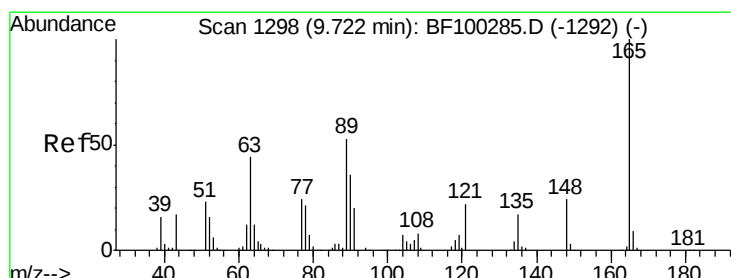
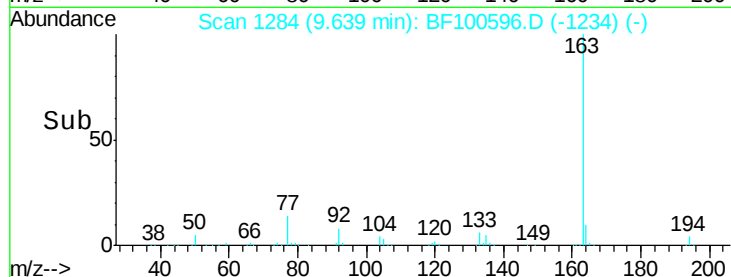
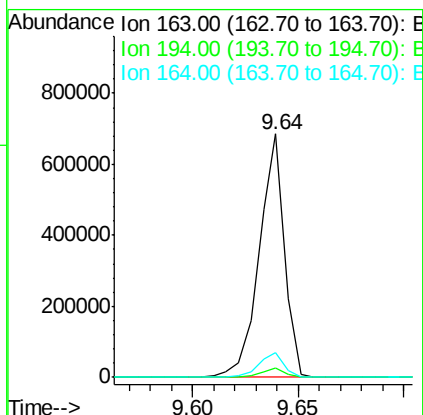
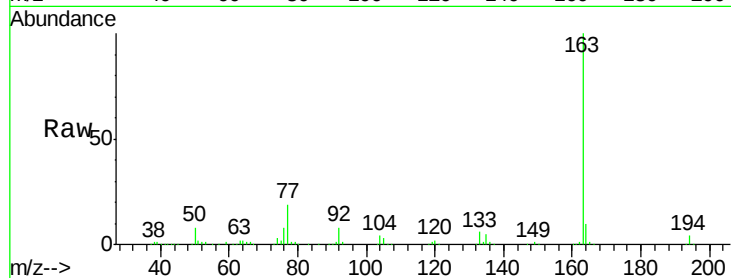




#49
Dimethylphthalate
Concen: 36.69 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

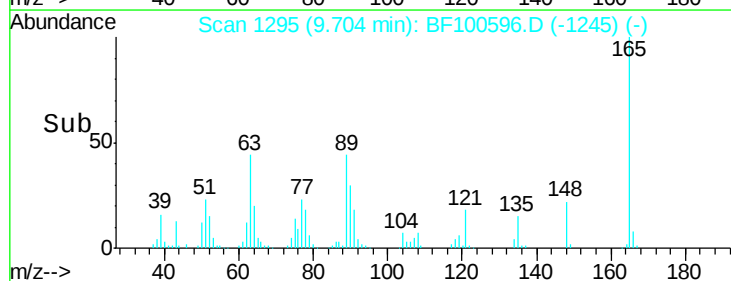
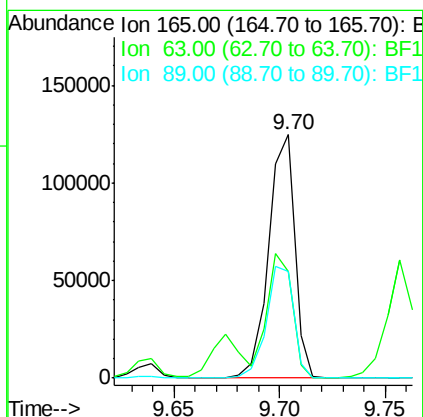
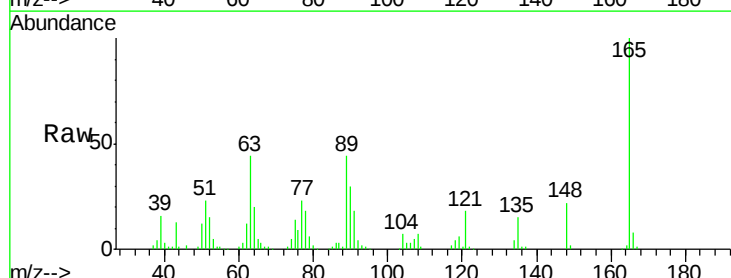
Instrument :
BNA_F
ClientSampleId :

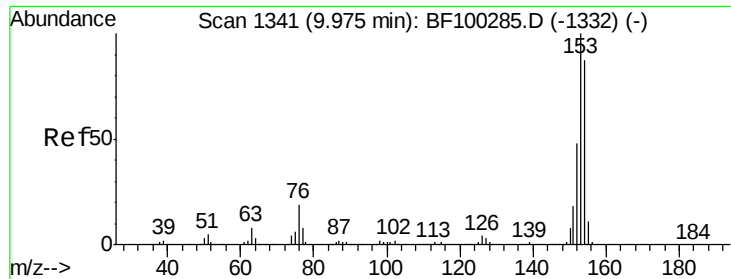
Tot Ion:163 Resp: 569626
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 35.05 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion:165 Resp: 107736
Ion Ratio Lower Upper
165 100
63 43.8 44.7 67.1#
89 44.0 44.0 66.0





#51

Acenaphthene

Concen: 29.71 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

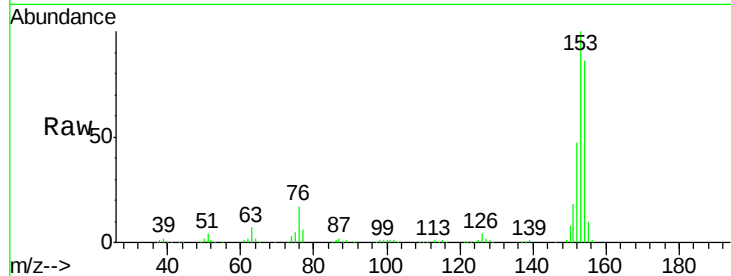
Tot Ion:154 Resp: 382108

Ion Ratio Lower Upper

154 100

153 116.0 91.2 136.8

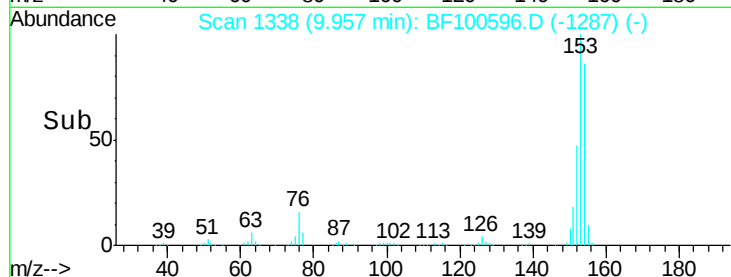
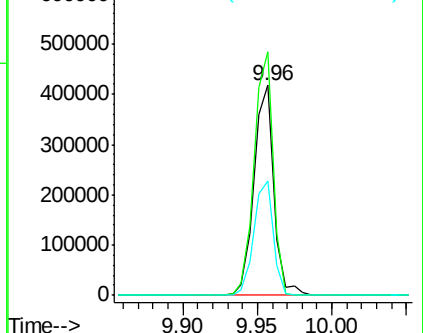
152 54.4 43.8 65.8



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: 25.06 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

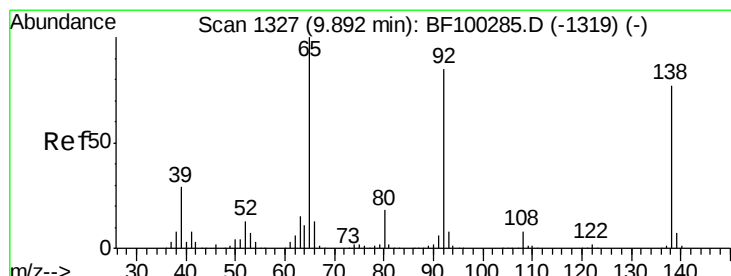
Tgt Ion:138 Resp: 90936

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

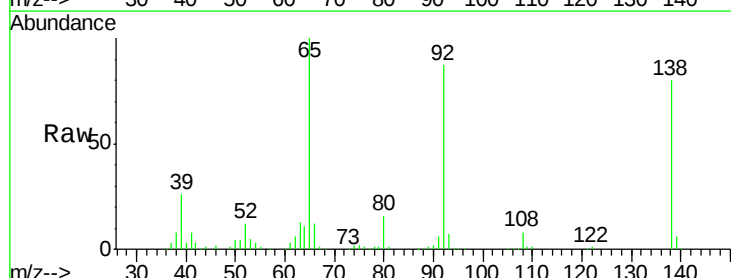
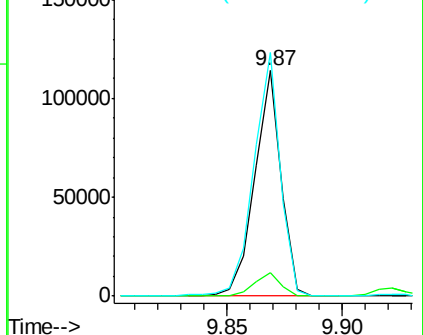
92 108.2 89.4 134.2

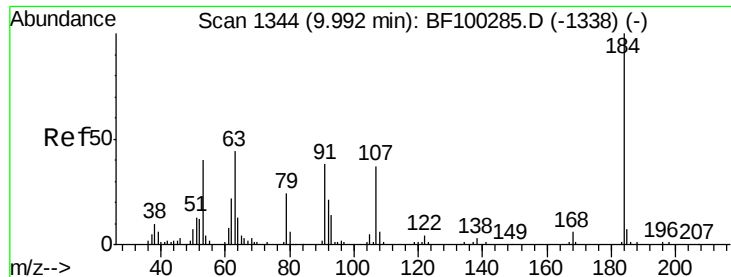


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

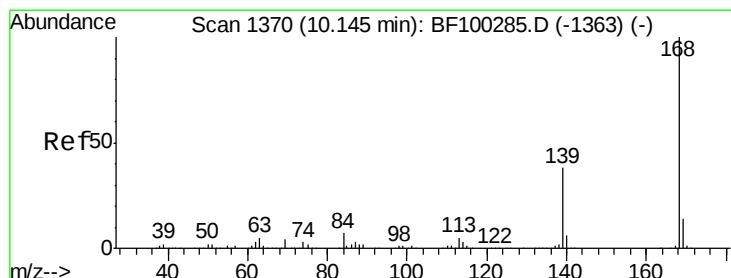
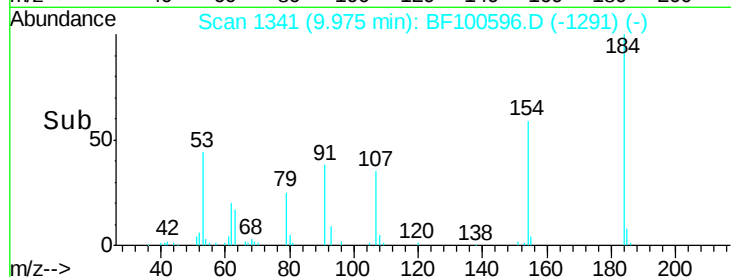
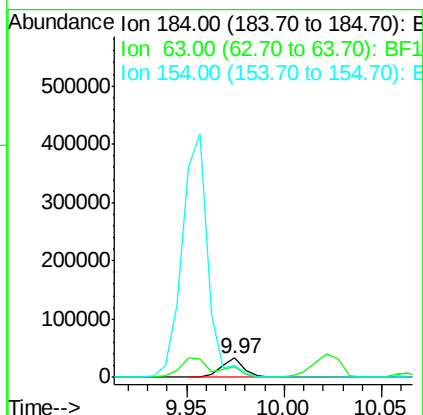
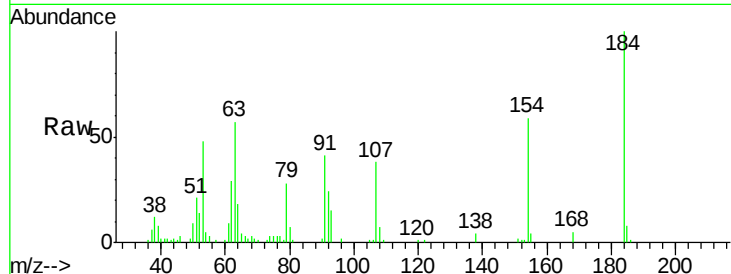




#53
2,4-Dinitrophenol
Concen: 31.55 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

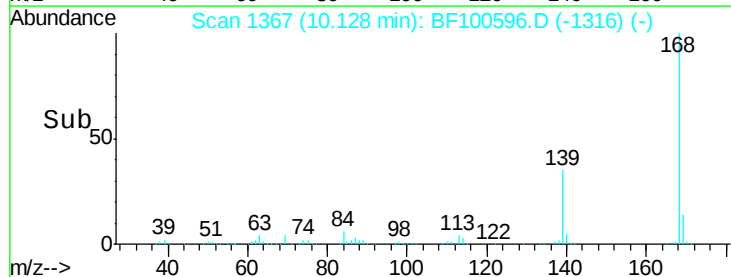
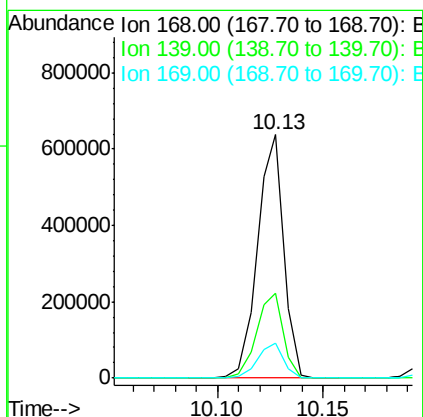
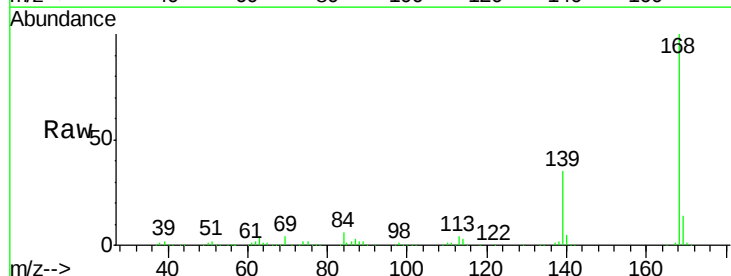
Instrument :
BNA_F
ClientSampled :

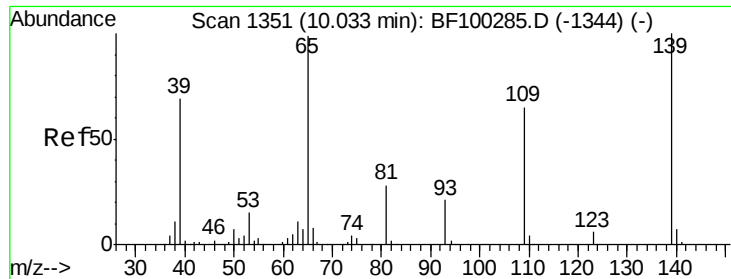
Tot Ion:184 Resp: 27001
Ion Ratio Lower Upper
184 100
63 57.3 54.2 81.2
154 58.7 184.0 276.0#



#54
Dibenzofuran
Concen: 30.53 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion:168 Resp: 550286
Ion Ratio Lower Upper
168 100
139 35.0 30.1 45.1
169 14.3 10.9 16.3

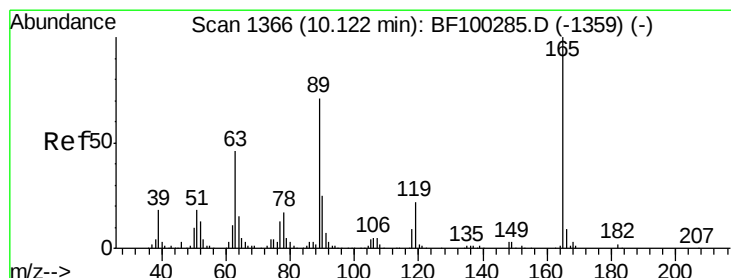
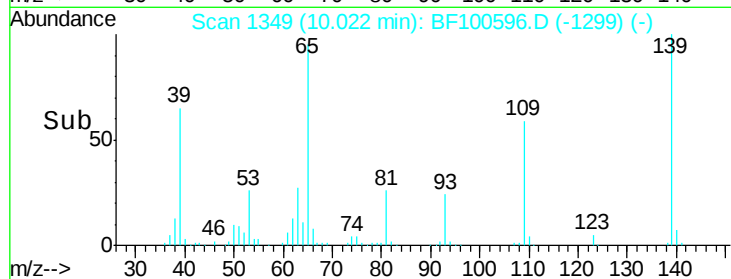
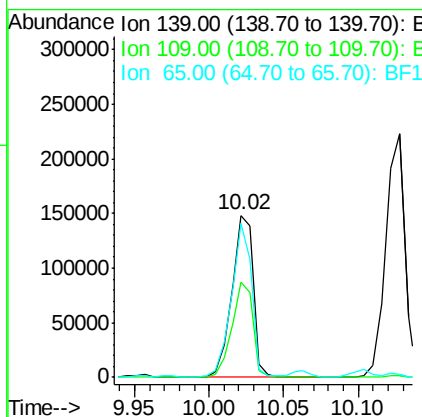
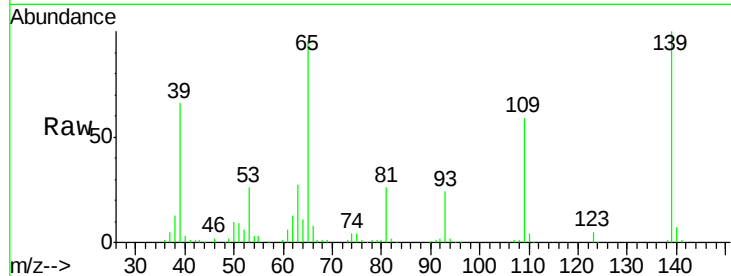




#55
4-Nitrophenol
Concen: 51.15 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

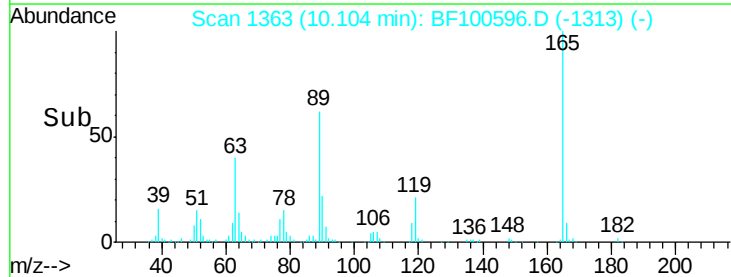
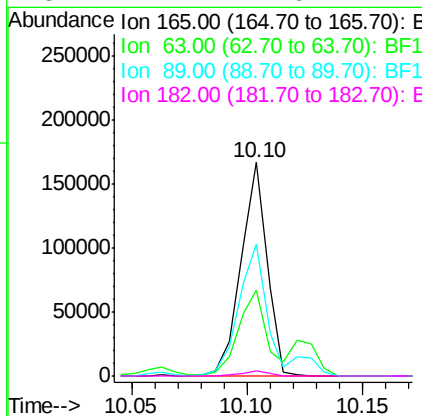
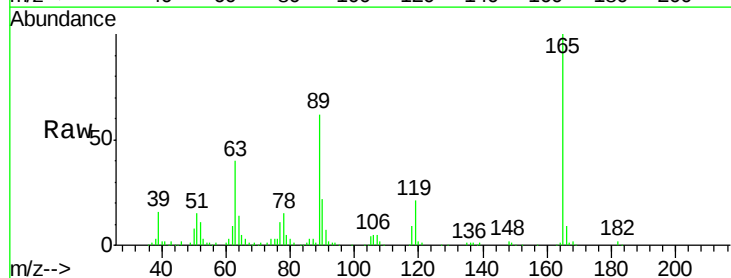
Instrument :
BNA_F
ClientSampleId :

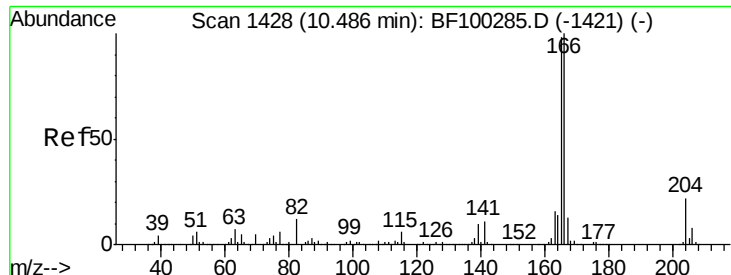
Tot Ion:139 Resp: 150730
Ion Ratio Lower Upper
139 100
109 58.6 48.4 88.4
65 95.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 33.97 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion:165 Resp: 131729
Ion Ratio Lower Upper
165 100
63 40.5 36.4 54.6
89 61.8 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 30.21 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

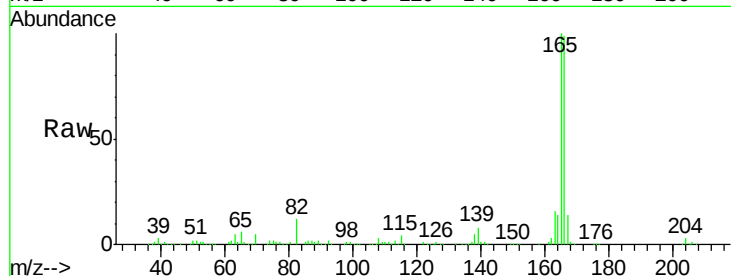
Tot Ion:166 Resp: 398840

Ion Ratio Lower Upper

166 100

165 100.7 79.8 119.8

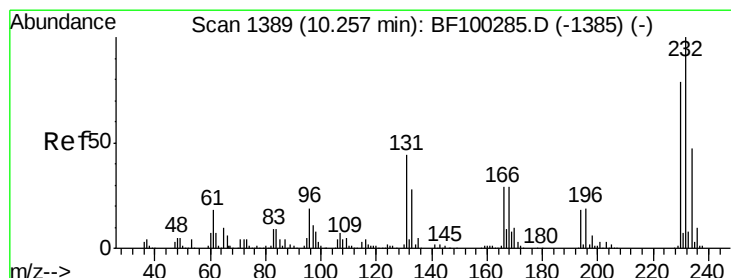
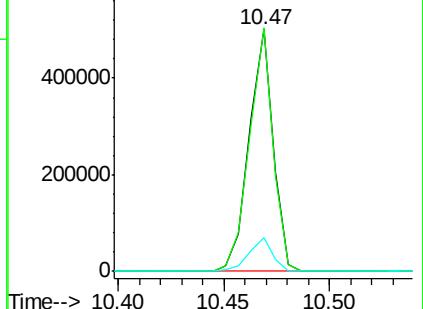
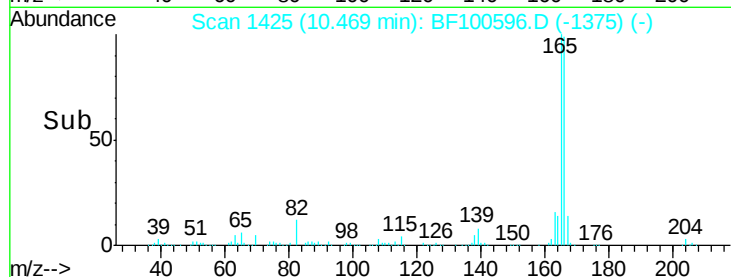
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.54 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Tgt Ion:232 Resp: 110860

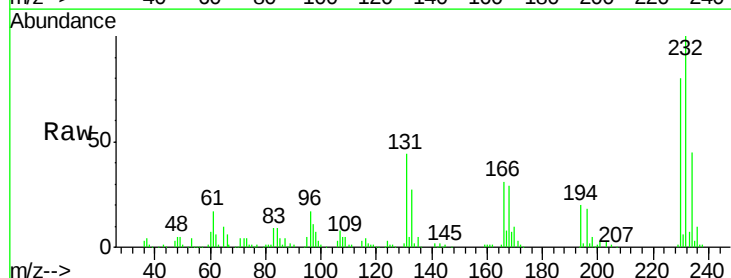
Ion Ratio Lower Upper

232 100

131 42.6 43.8 65.8#

130 1.9 2.1 3.1#

166 29.4 27.8 41.6

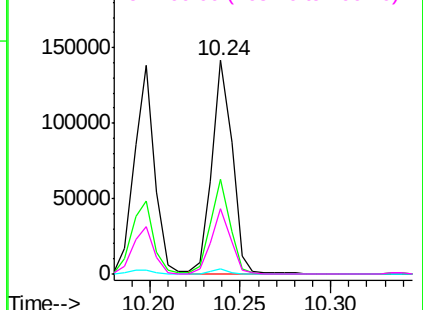
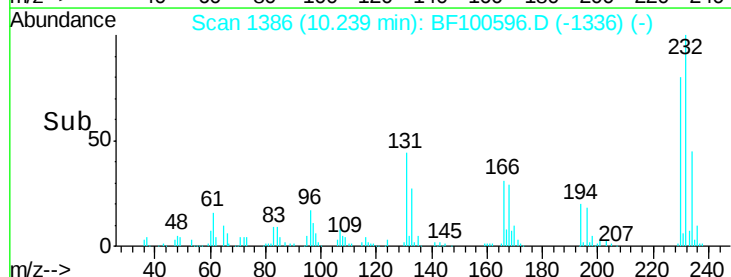


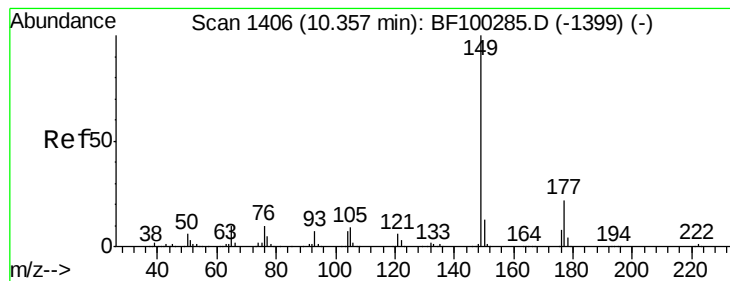
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 30.51 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

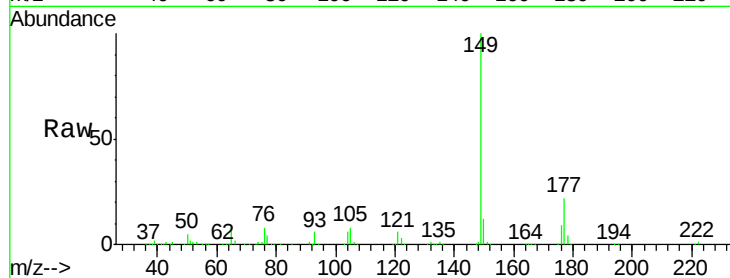
Tot Ion:149 Resp: 474087

Ion Ratio Lower Upper

149 100

177 22.5 16.1 24.1

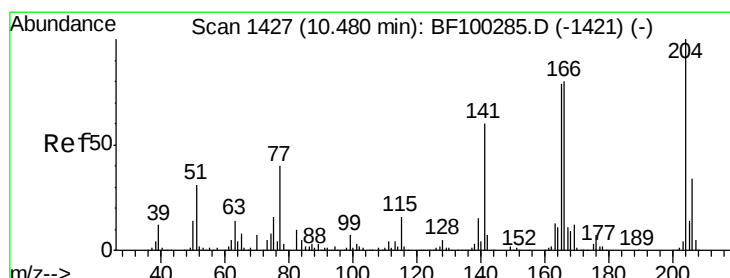
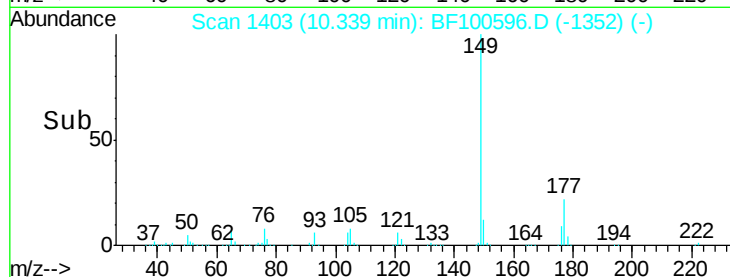
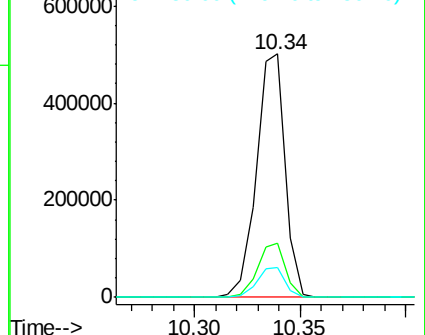
150 12.1 10.1 15.1



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: 31.40 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

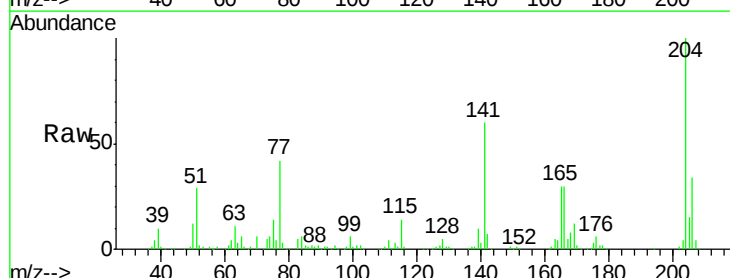
Tgt Ion:204 Resp: 203398

Ion Ratio Lower Upper

204 100

206 33.6 26.5 39.7

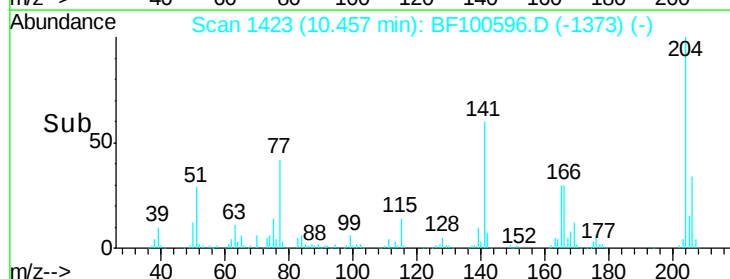
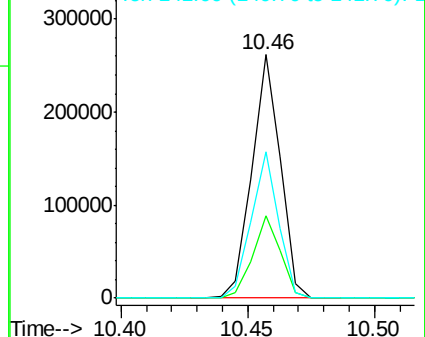
141 59.9 54.6 81.8

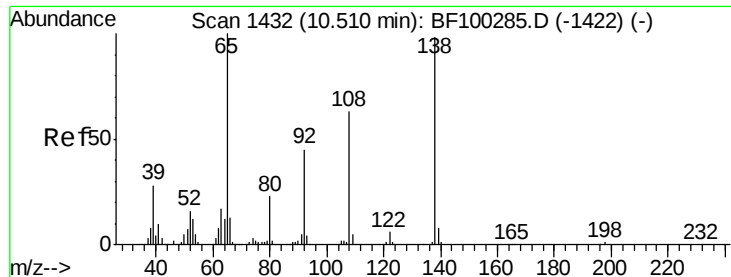


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

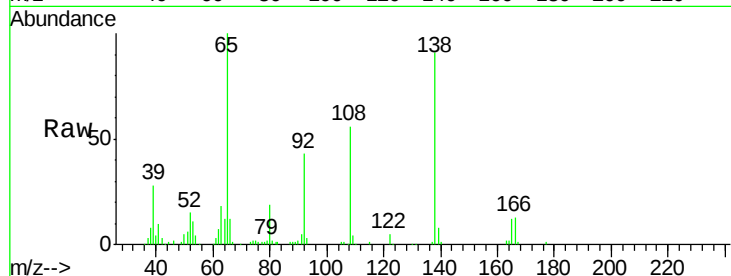




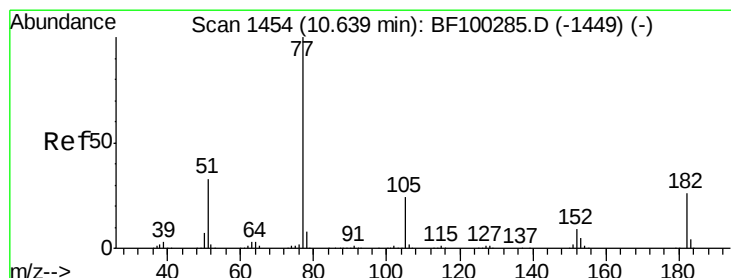
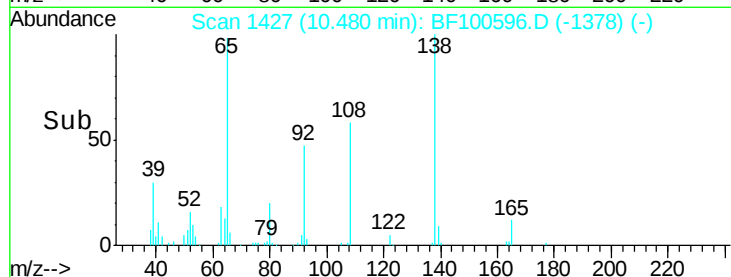
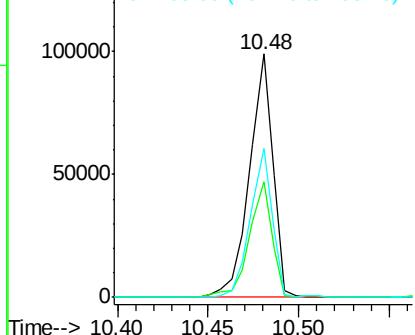
#61
4-Nitroaniline
Concen: 25.81 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 88835
Ion Ratio Lower Upper
138 100
92 47.4 30.2 70.2
108 61.3 52.5 92.5

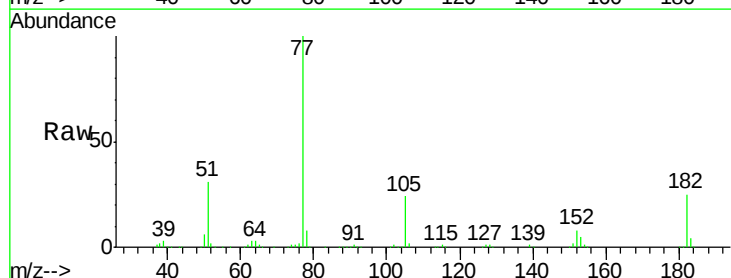


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

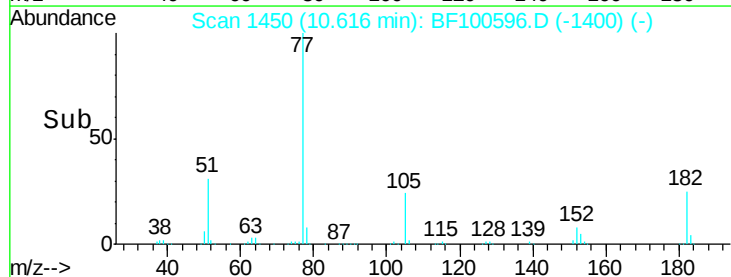
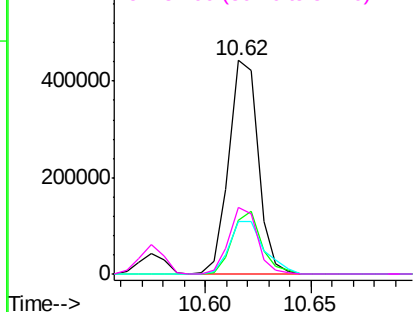


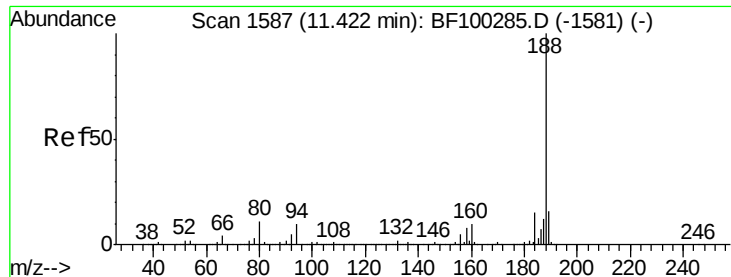
#62
Azobenzene
Concen: 29.13 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion: 77 Resp: 426331
Ion Ratio Lower Upper
77 100
182 25.1 1.7 41.7
105 24.4 3.0 43.0
51 30.9 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

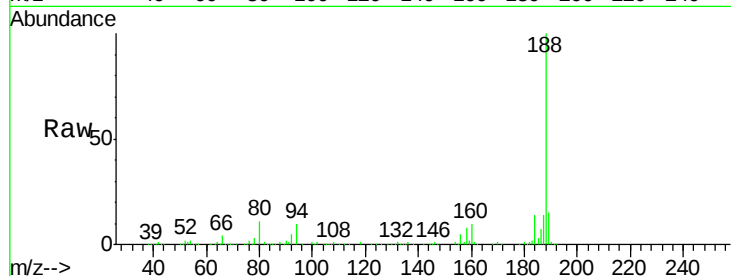
Tot Ion:188 Resp: 308228

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

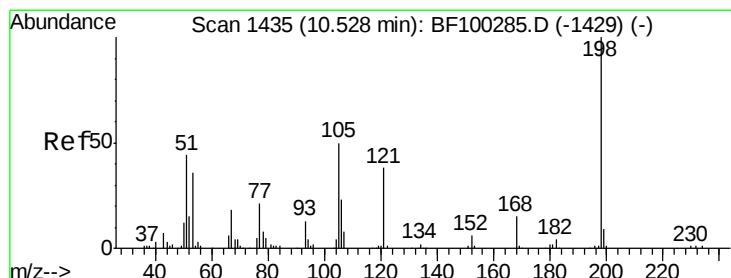
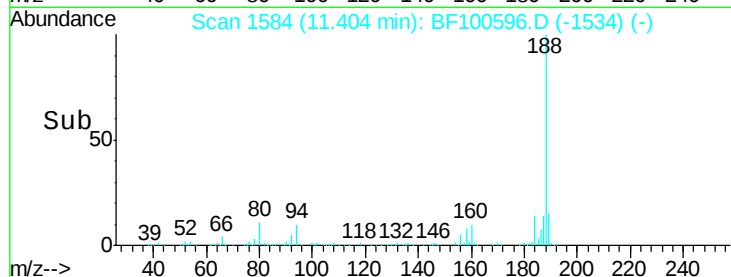
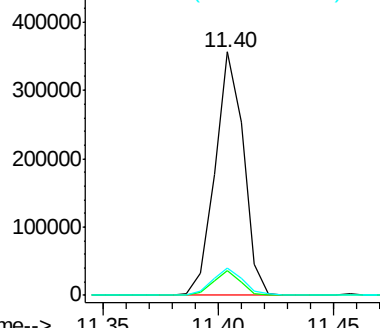
80 11.1 9.2 13.8



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: 23.59 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

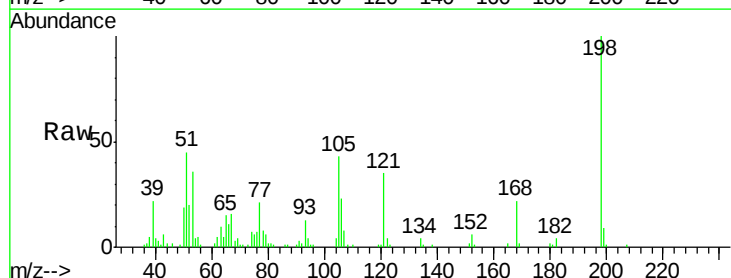
Tgt Ion:198 Resp: 28461

Ion Ratio Lower Upper

198 100

51 45.1 37.7 77.7

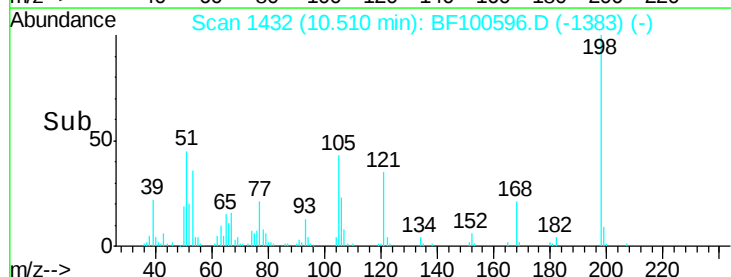
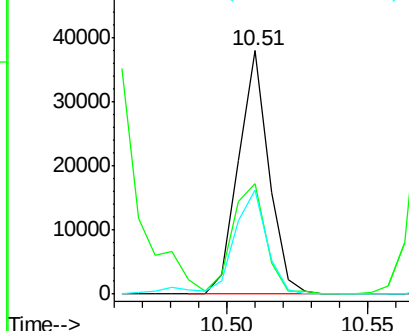
105 42.8 36.3 76.3

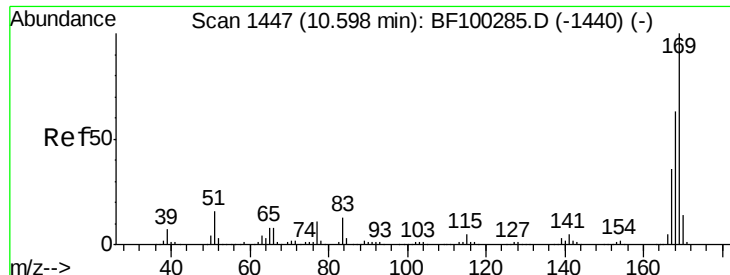


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

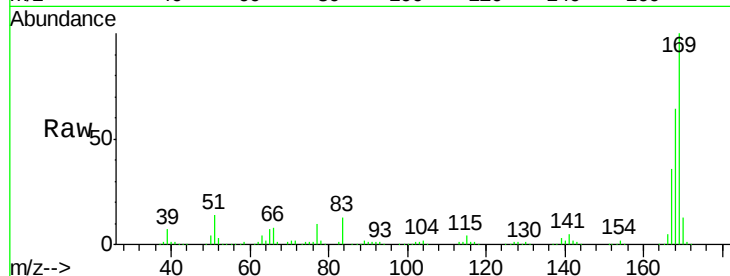




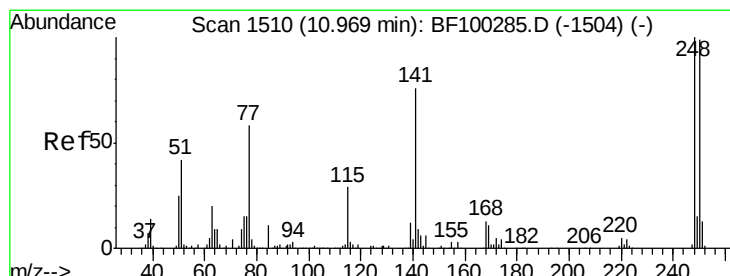
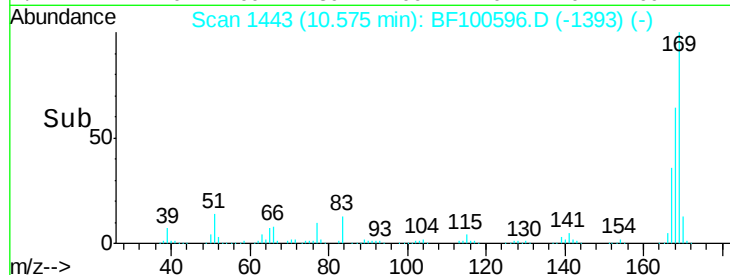
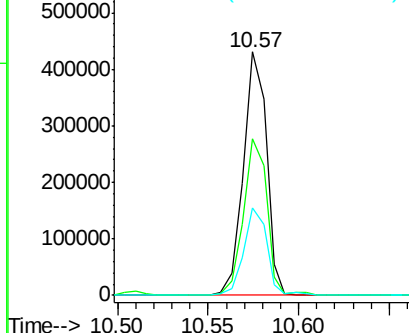
#65
n-Nitrosodiphenylamine
Concen: 35.65 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.3	54.4	81.6
167	36.1	29.8	44.6

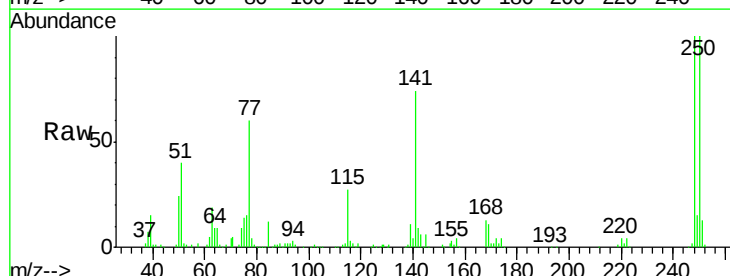


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

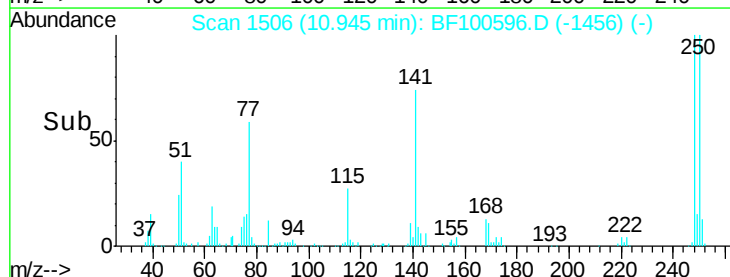
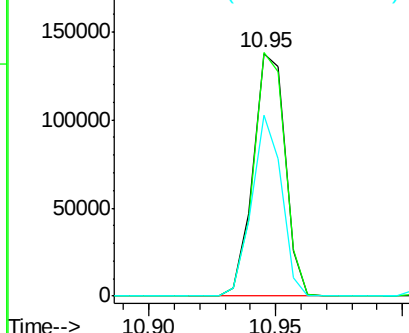


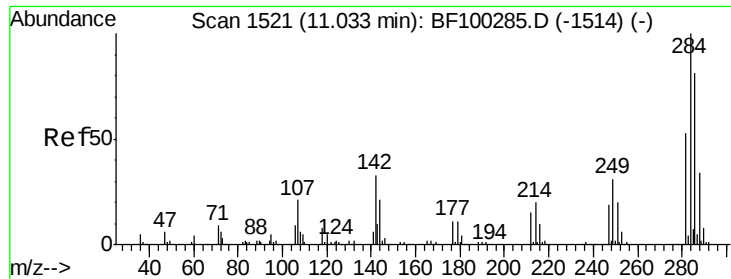
#66
4-Bromophenyl-phenylether
Concen: 36.98 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.4	76.9	115.3
141	74.7	74.4	111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

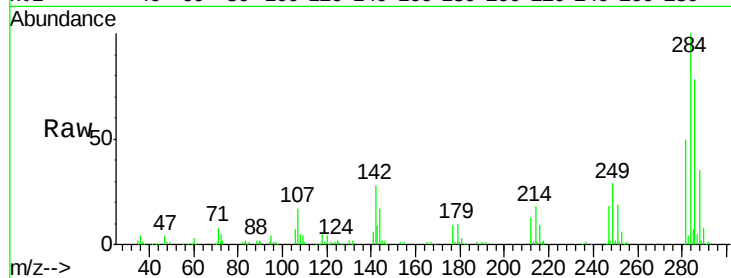




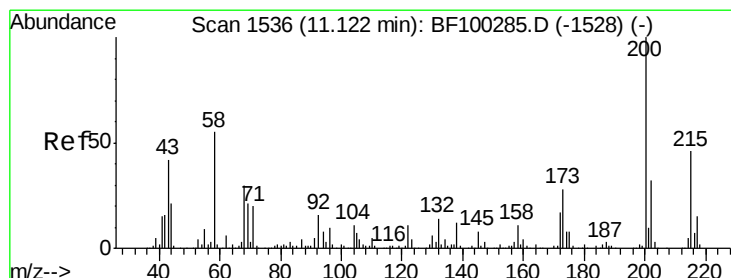
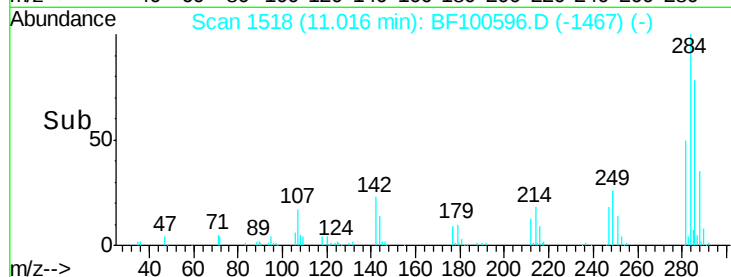
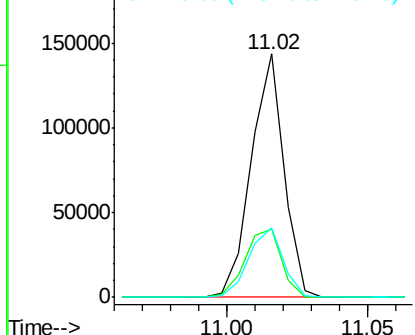
#67
Hexachlorobenzene
Concen: 33.36 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 115300
Ion Ratio Lower Upper
284 100
142 28.1 34.6 52.0#
249 28.8 24.8 37.2

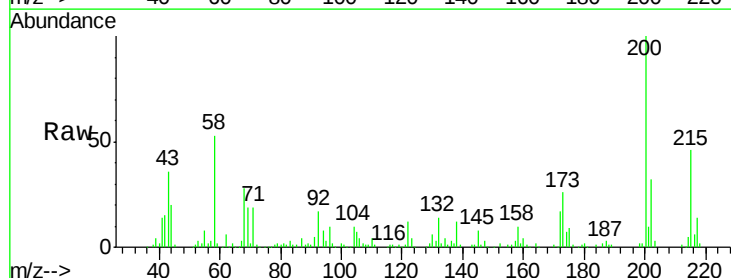


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

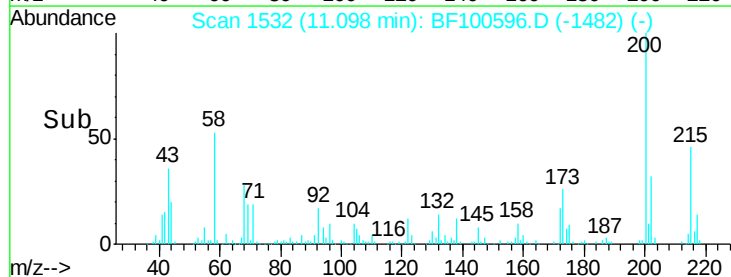
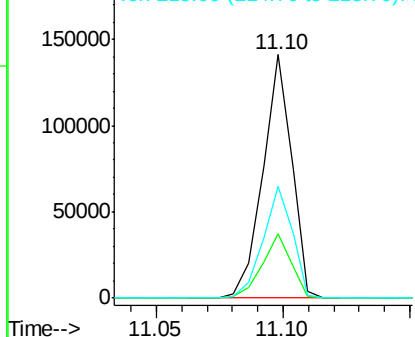


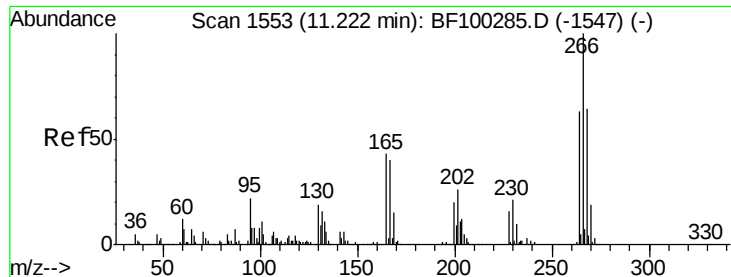
#68
Atrazine
Concen: 34.77 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion:200 Resp: 112794
Ion Ratio Lower Upper
200 100
173 26.4 8.6 48.6
215 45.8 25.1 65.1



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

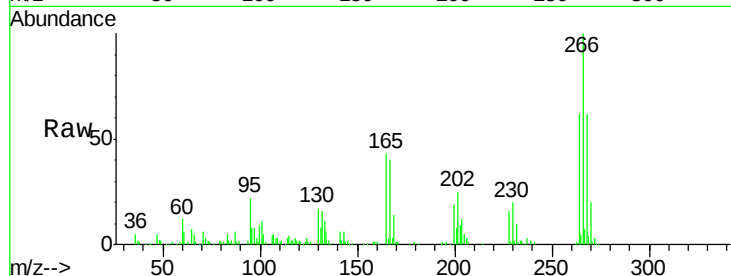




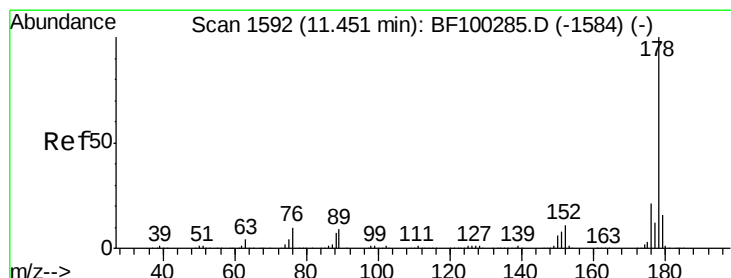
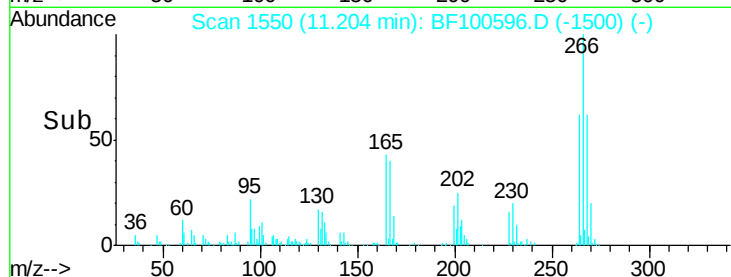
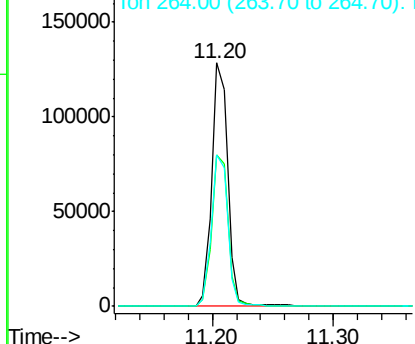
#69
 Pentachlorophenol
 Concen: 47.38 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 117415
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 62.2 49.5 74.3

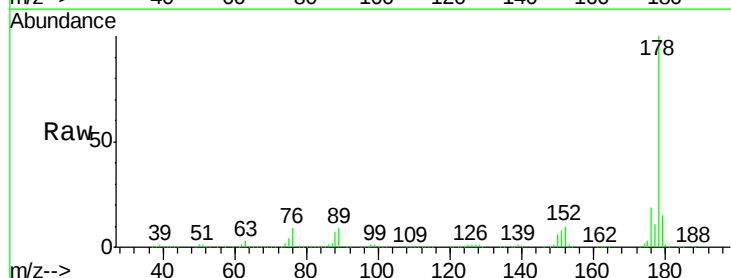


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

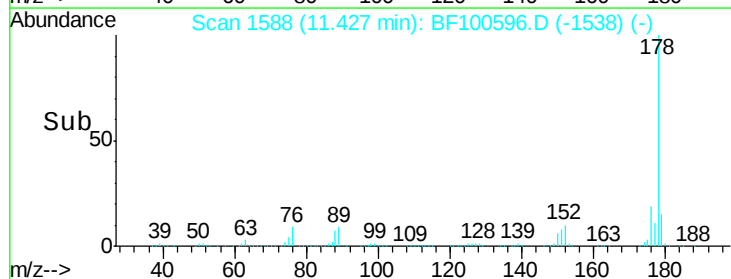
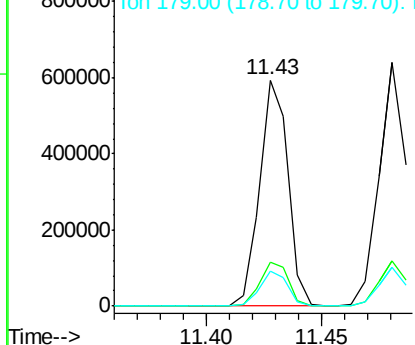


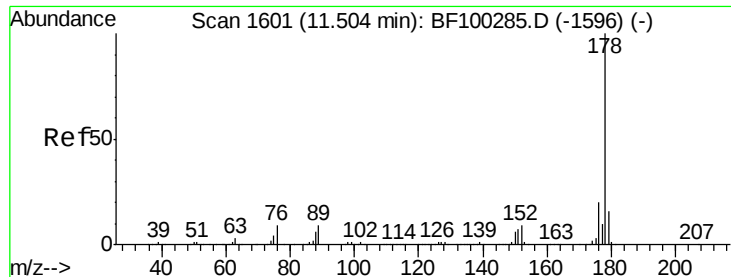
#70
 Phenanthrene
 Concen: 31.48 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

Tgt Ion:178 Resp: 510873
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.3 13.0 19.6



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

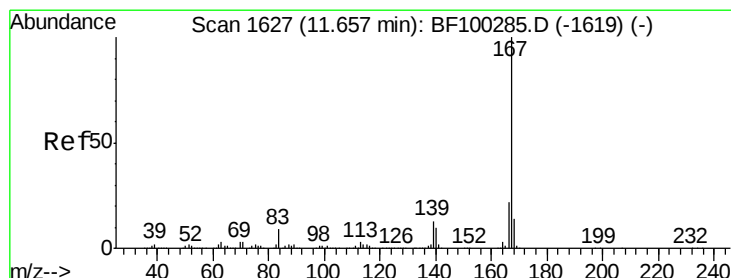
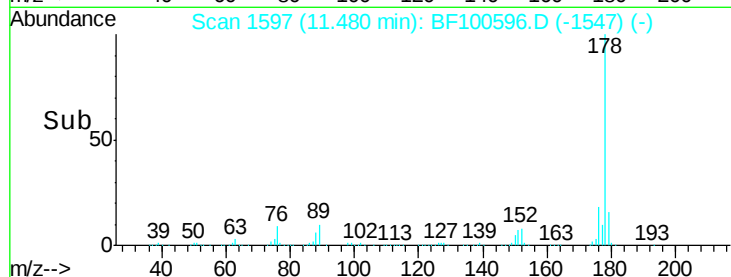
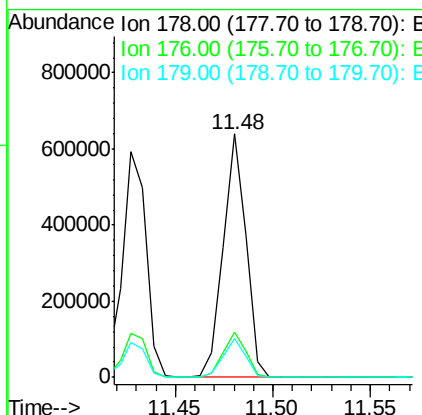
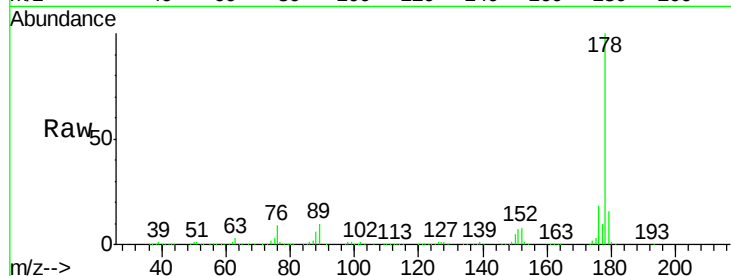




#71
 Anthracene
 Concen: 31.49 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

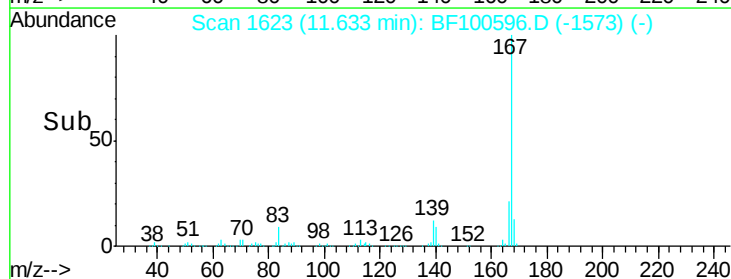
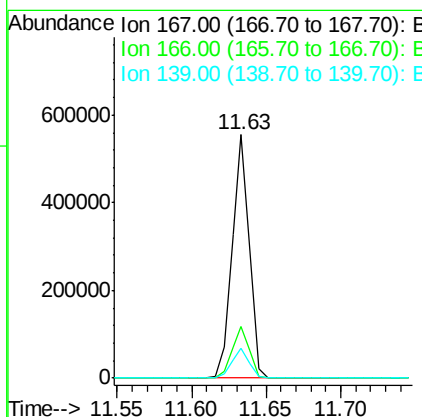
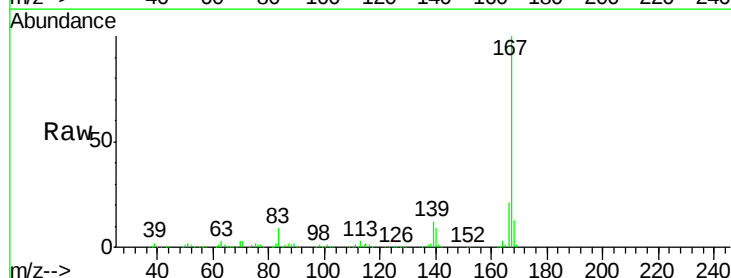
Instrument :
 BNA_F
 ClientSampleId :

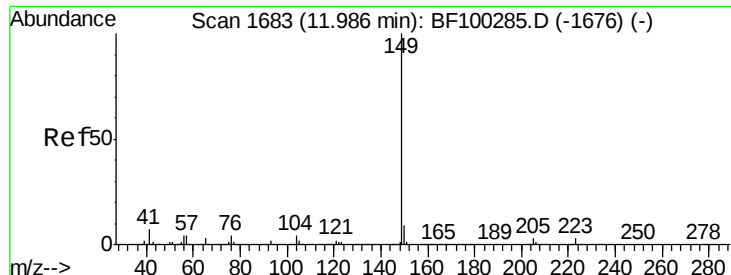
Tot Ion:178 Resp: 518484
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 29.73 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

Tgt Ion:167 Resp: 451588
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 12.2 10.9 16.3

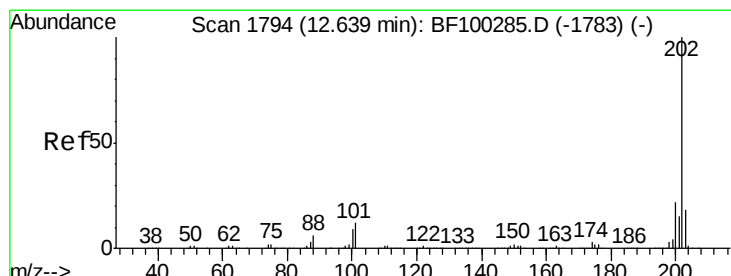
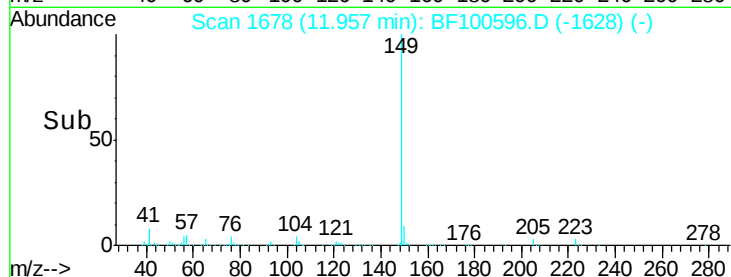
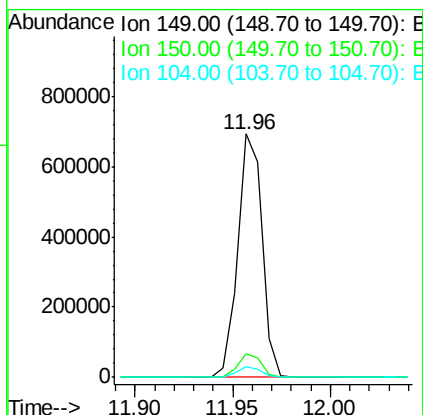
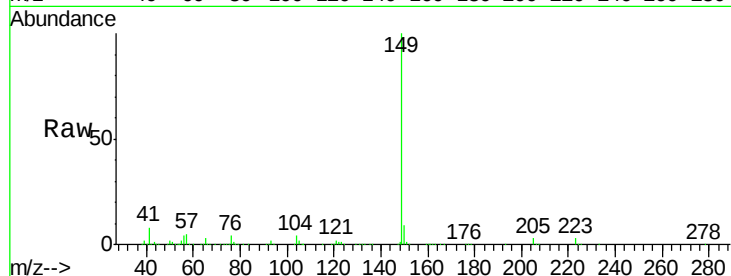




#73
Di-n-butylphthalate
Concen: 33.52 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

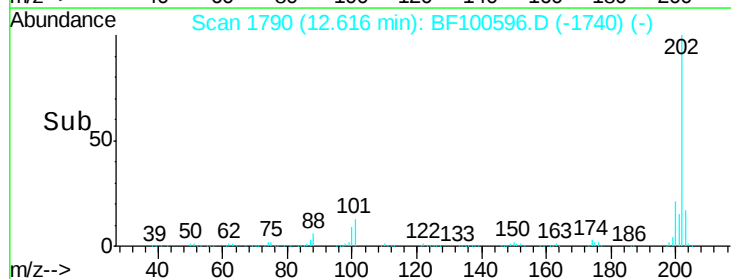
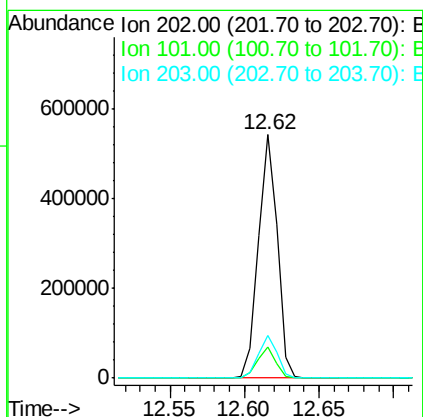
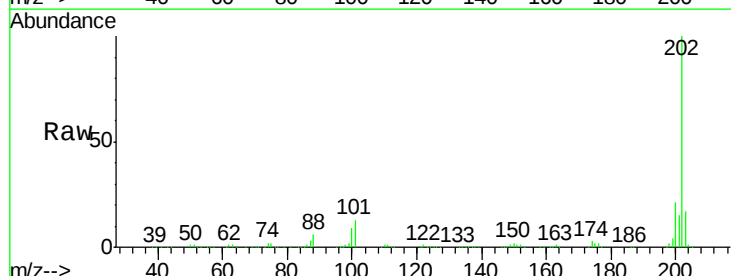
Instrument :
BNA_F
ClientSampleId :

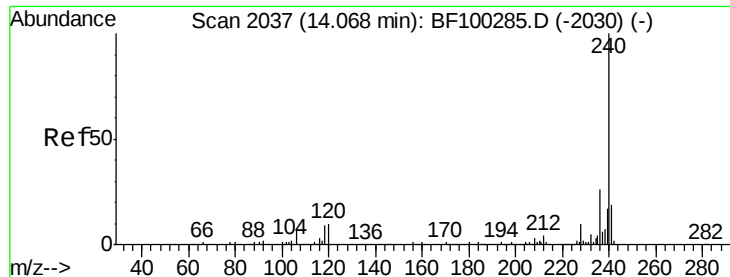
Tot Ion:149 Resp: 595854
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.3 3.8 5.8



#74
Fluoranthene
Concen: 27.24 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion:202 Resp: 468426
Ion Ratio Lower Upper
202 100
101 12.5 0.0 34.1
203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

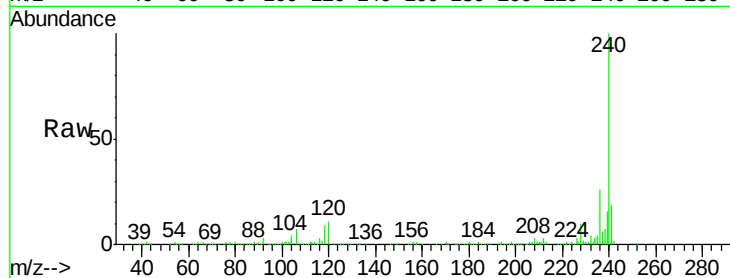
Tot Ion:240 Resp: 250229

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

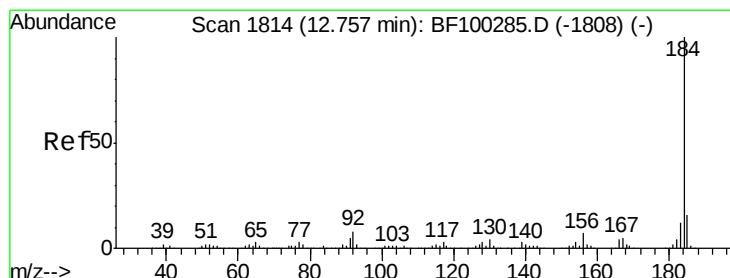
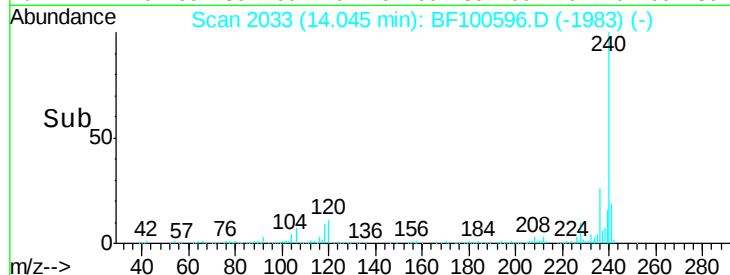
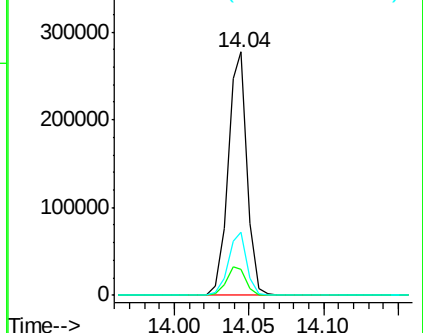
236 25.7 20.7 31.1



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: 17.12 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

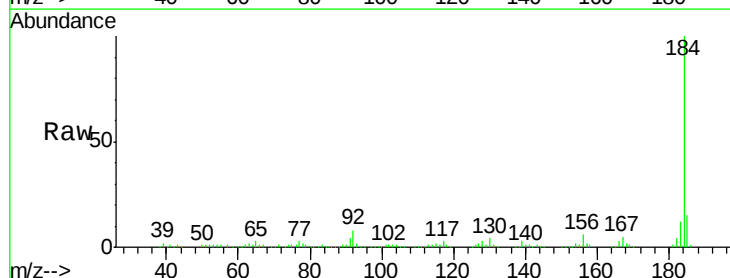
Tgt Ion:184 Resp: 171565

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

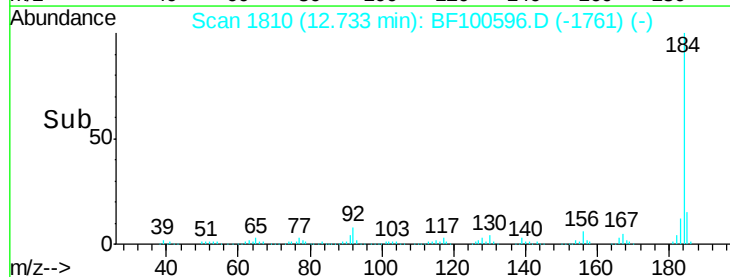
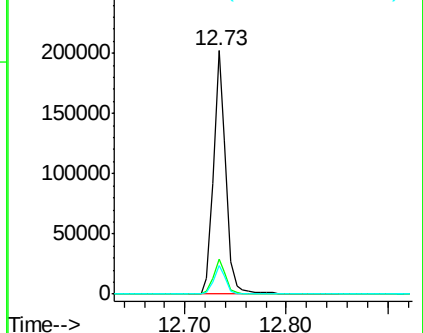
183 11.8 9.3 13.9

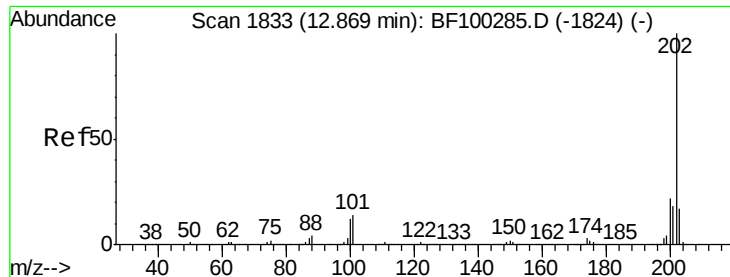


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

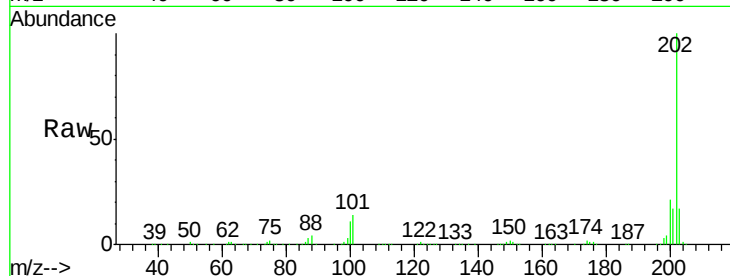




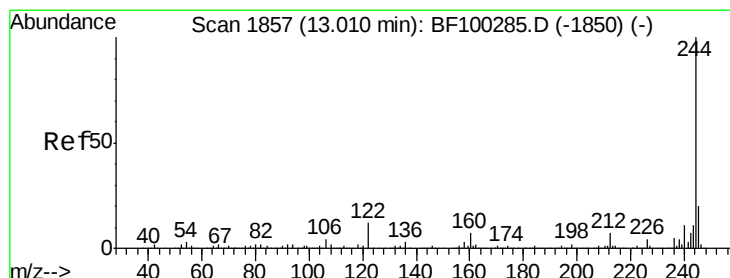
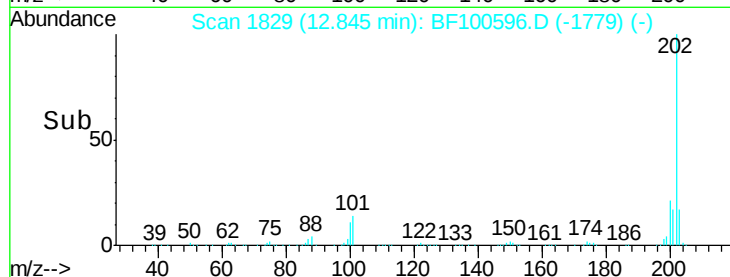
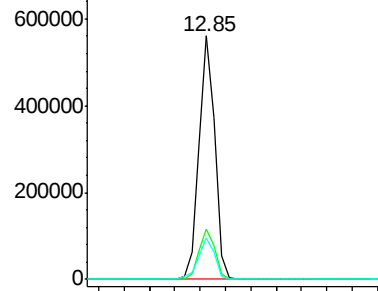
#77
Pvrene
Concen: 26.93 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.2	14.3	21.5

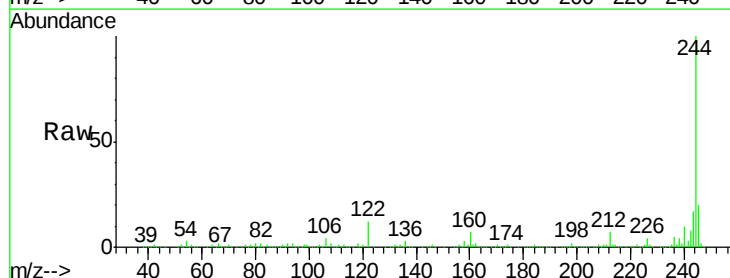


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

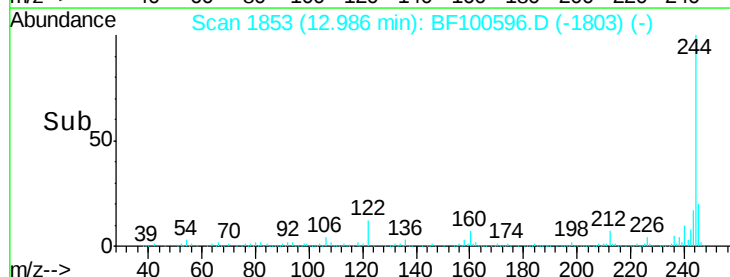
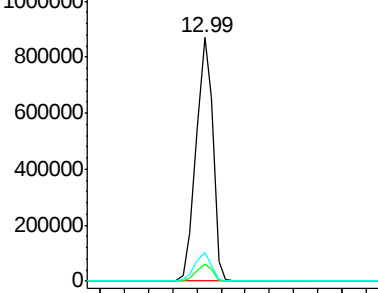


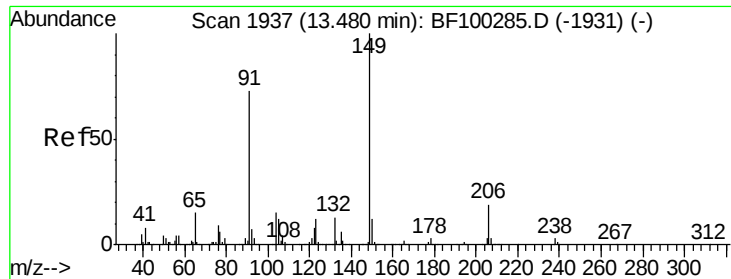
#78
Terphenyl-d14
Concen: 76.16 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.5	11.0	16.4



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

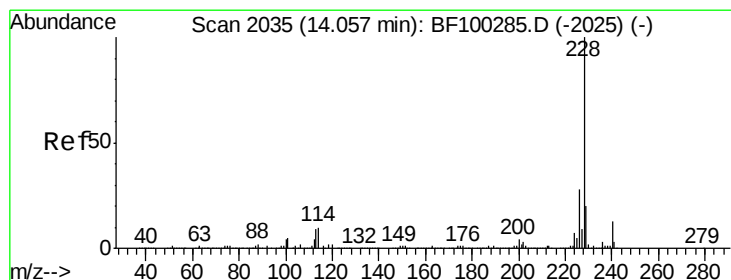
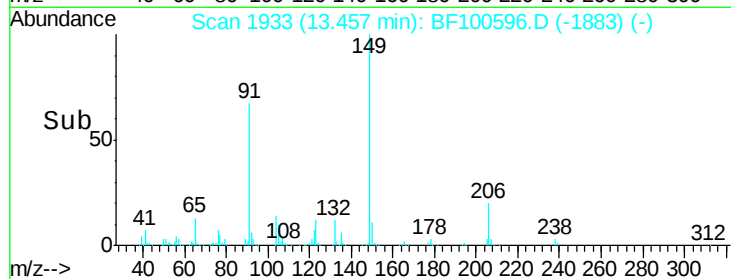
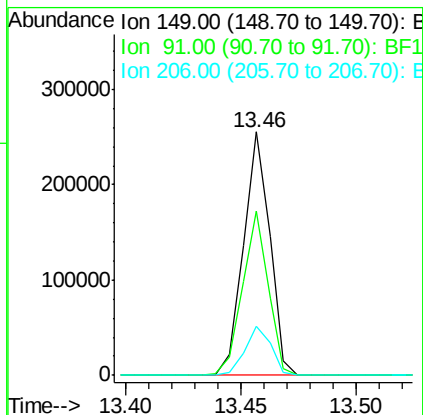
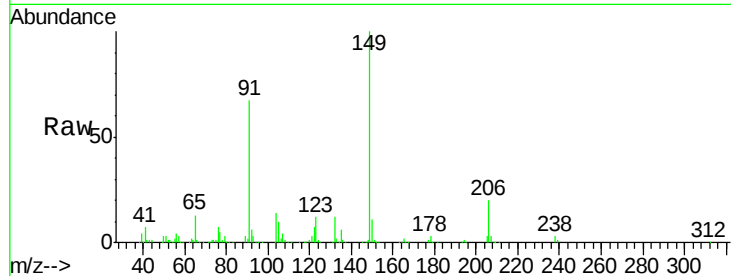




#79
Butylbenzylphthalate
Concen: 27.95 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

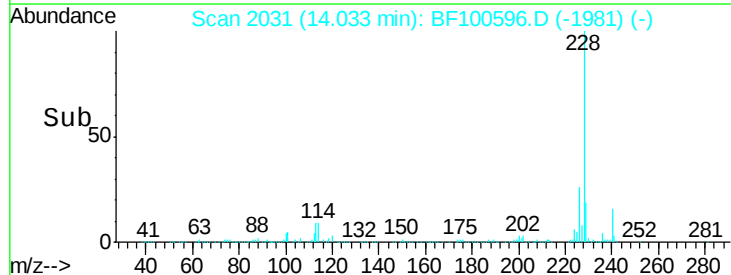
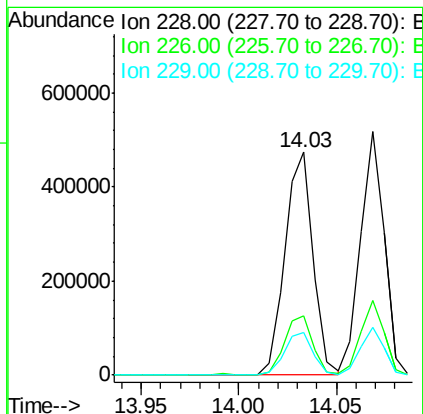
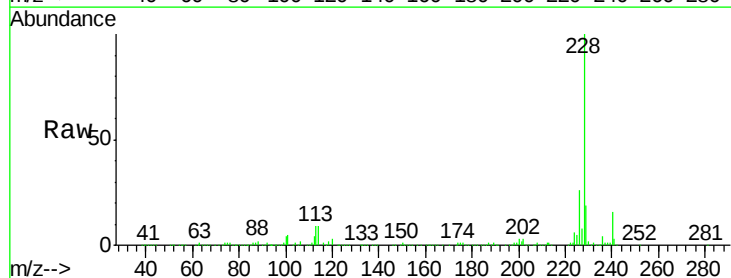
Instrument :
BNA_F
ClientSampleId :

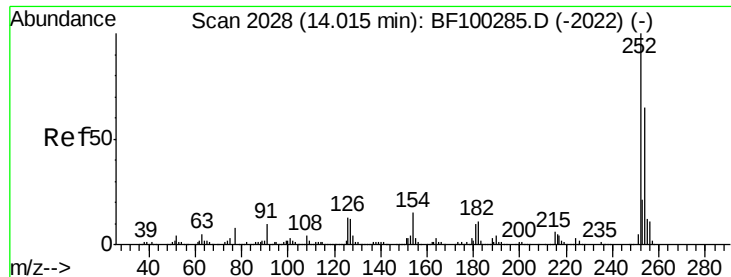
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.4	56.8	85.2
206	20.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 31.12 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.6	33.8
229	19.4	15.8	23.6

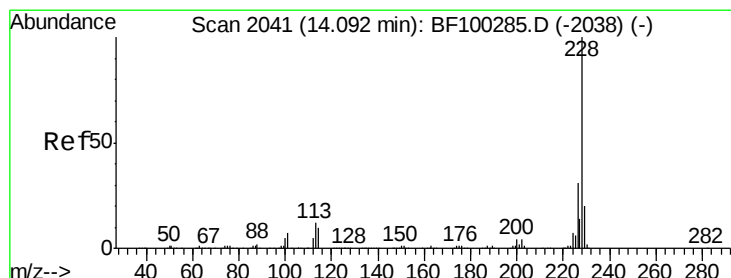
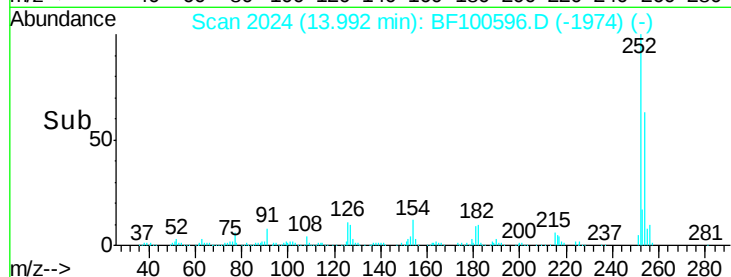
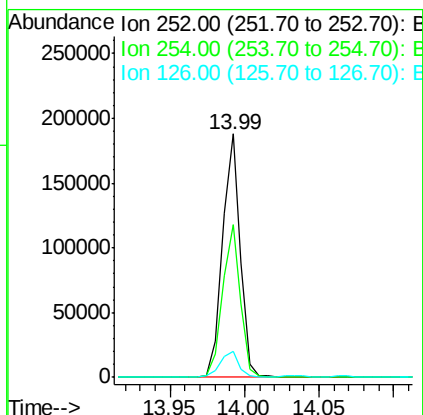
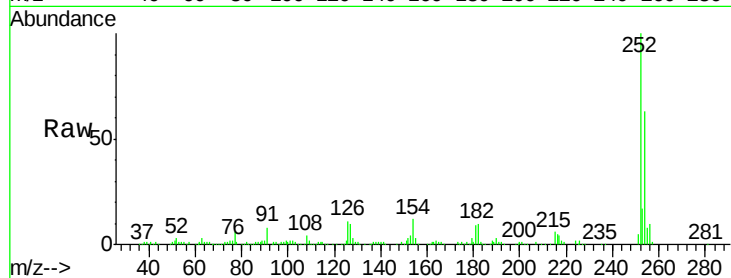




#81
 3,3'-Dichlorobenzidine
 Concen: 29.37 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

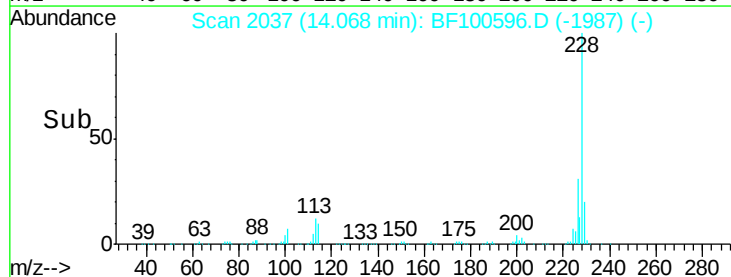
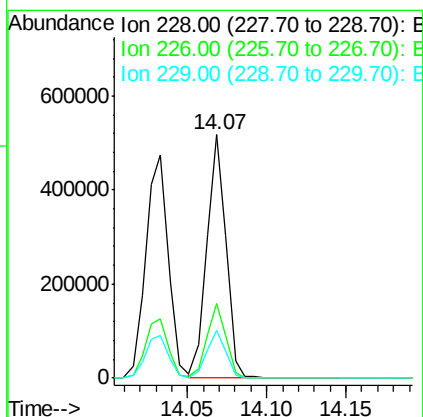
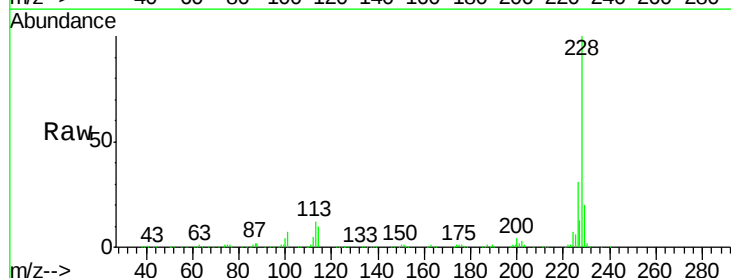
Instrument :
 BNA_F
 ClientSampleID :

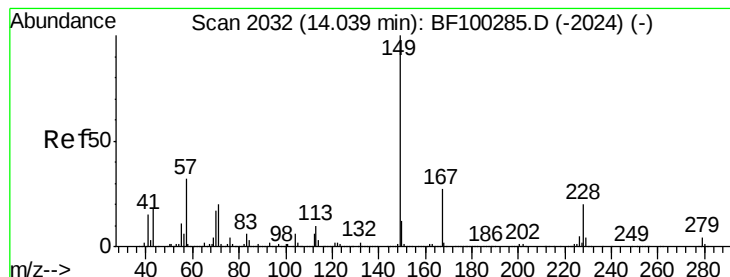
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.4	75.6
126	10.9	11.3	16.9#



#82
 Chrysene
 Concen: 30.07 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF100596.D
 Acq: 15 Nov 2017 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.35 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

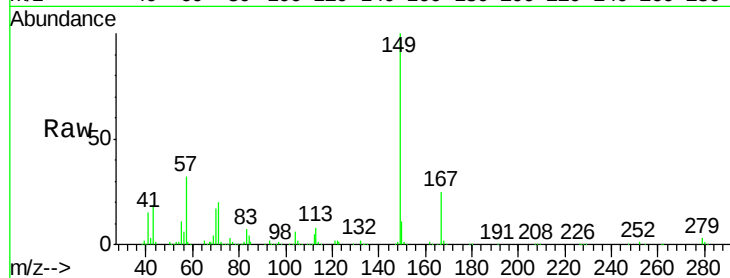
Tot Ion:149 Resp: 290376

Ion Ratio Lower Upper

149 100

167 25.5 21.3 31.9

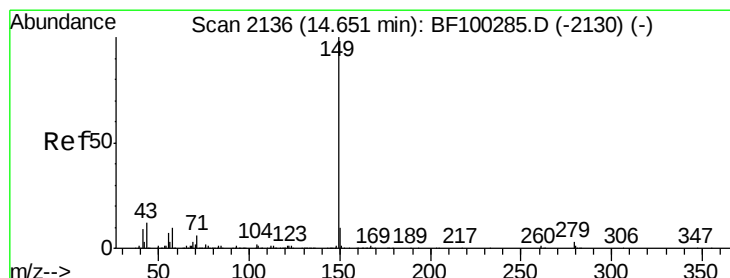
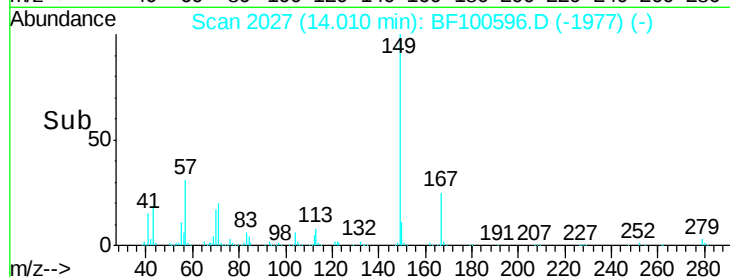
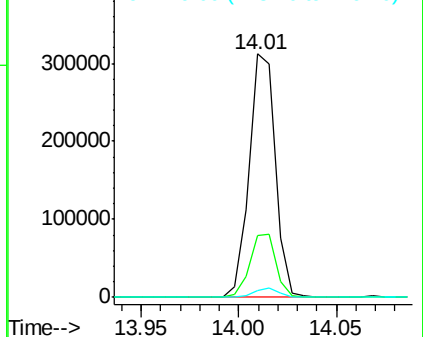
279 2.9 3.0 4.4#



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: 32.78 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

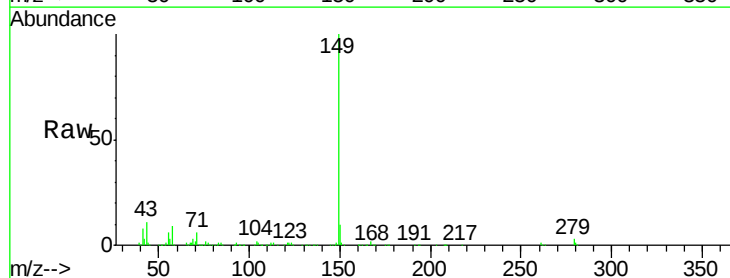
Tgt Ion:149 Resp: 538748

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

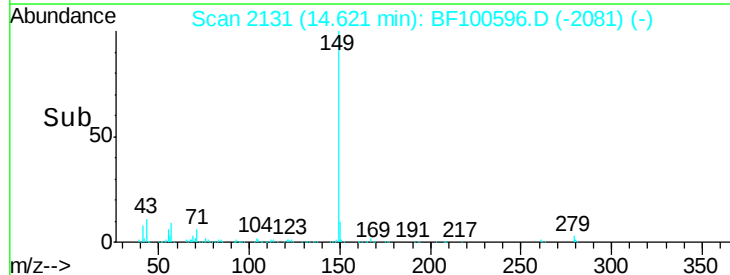
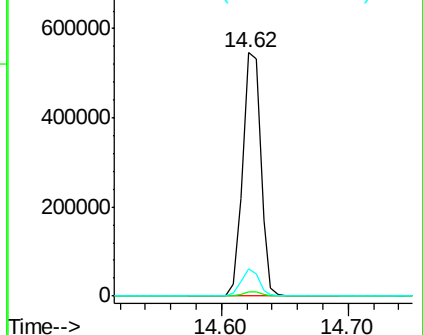
43 10.5 8.4 12.6

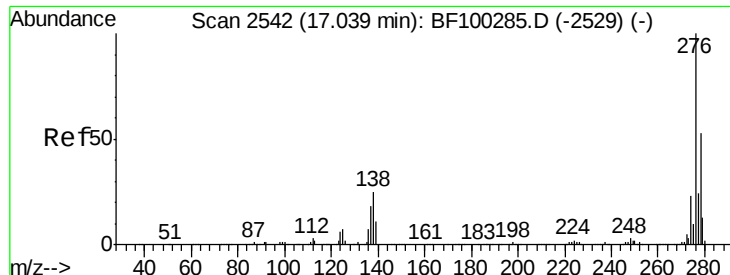


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

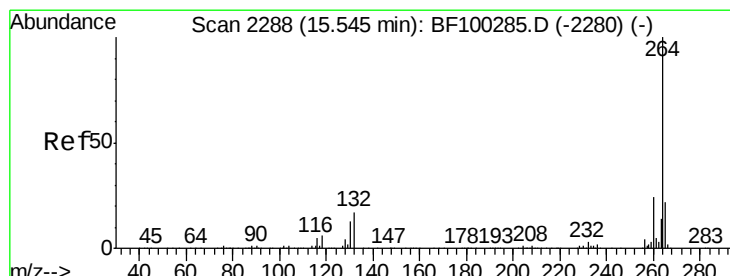
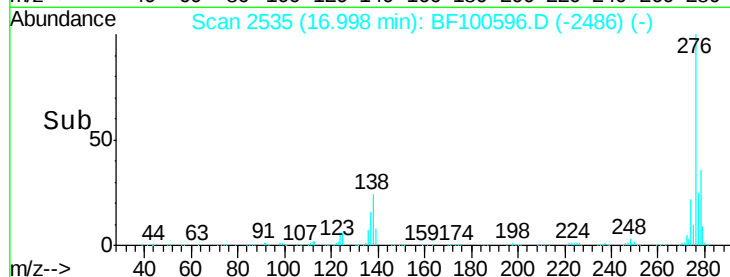
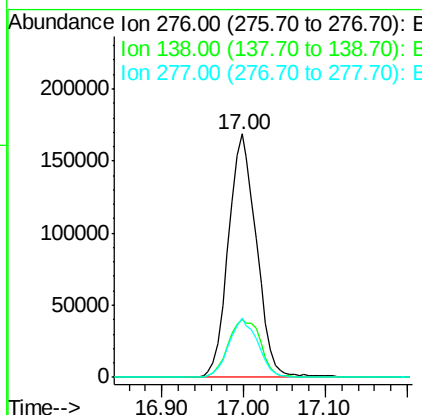
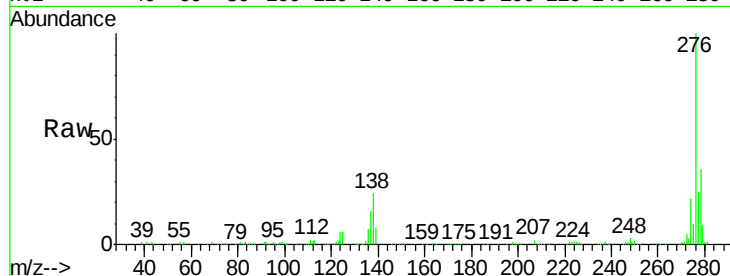




#85
Indeno(1,2,3-cd)pyrene
Concen: 34.15 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

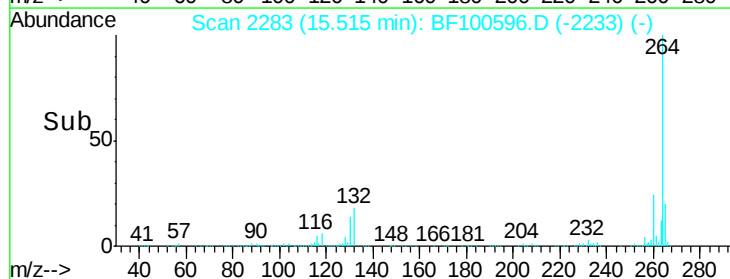
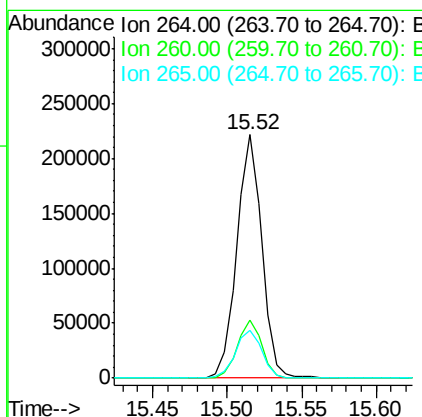
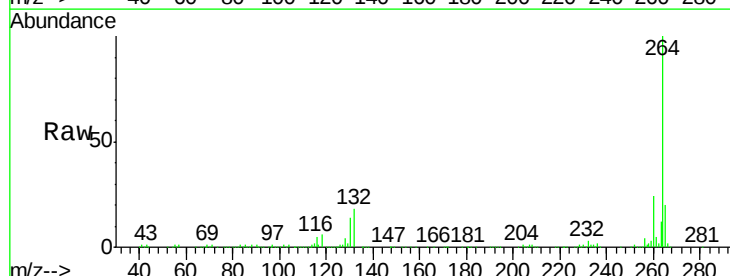
Instrument :
BNA_F
ClientSampleId :

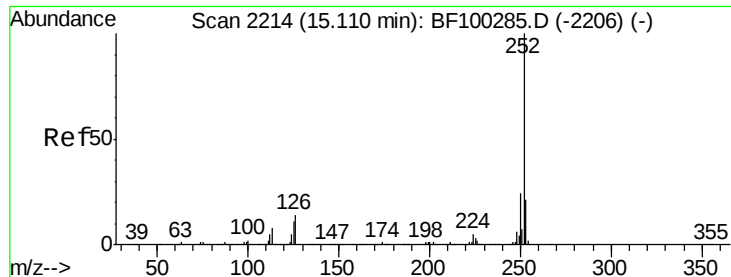
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.0	37.6
277	25.1	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100596.D
Acq: 15 Nov 2017 18:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	19.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 30.48 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampled :

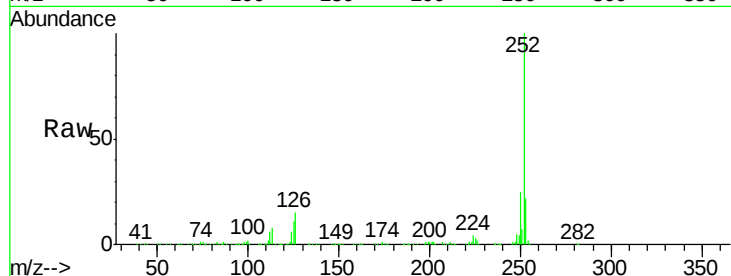
Tot Ion:252 Resp: 467660

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

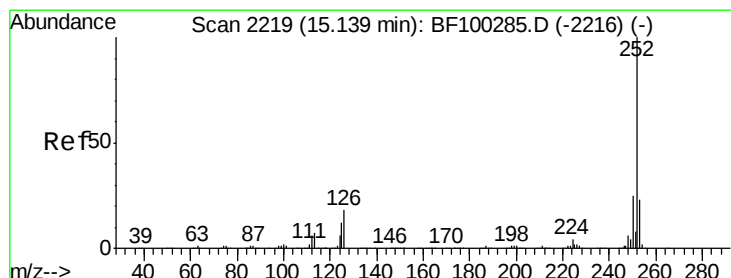
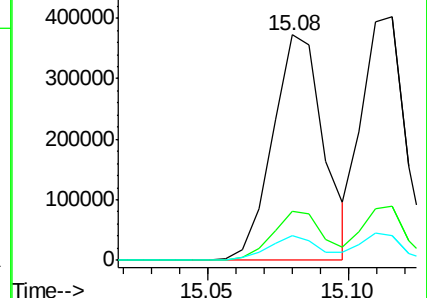
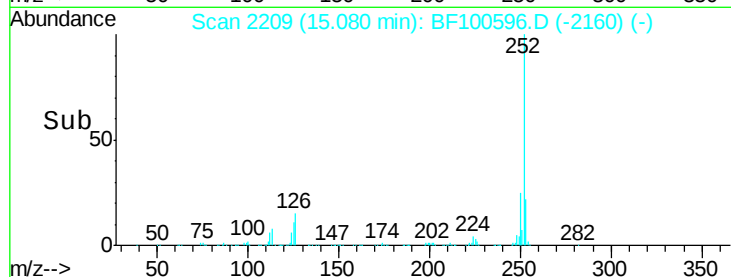
125 10.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 32.25 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.04 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

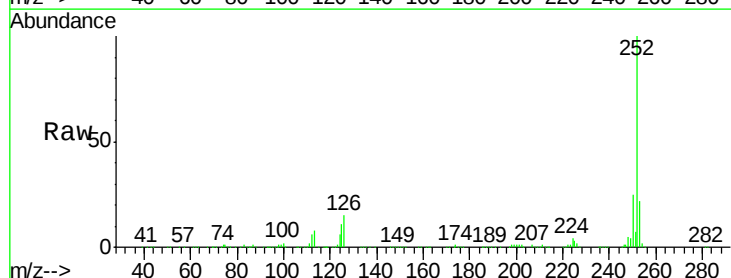
Tgt Ion:252 Resp: 467660

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

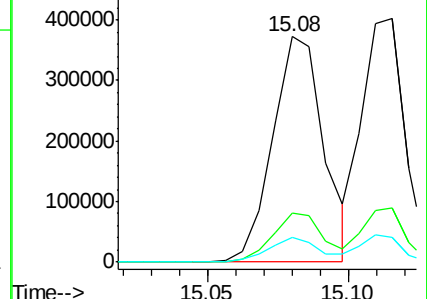
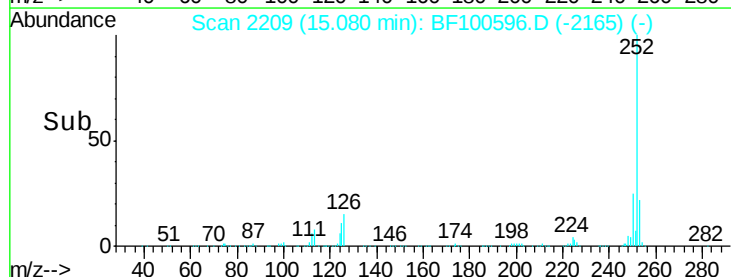
125 10.9 10.2 15.2

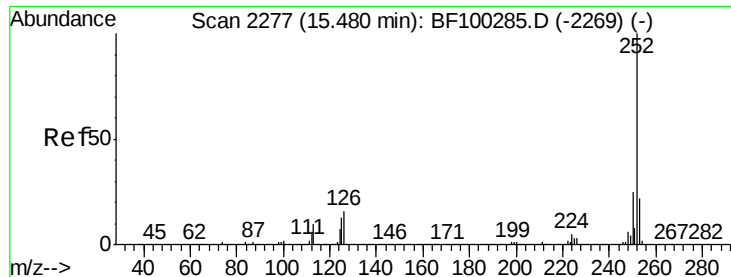


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 31.13 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

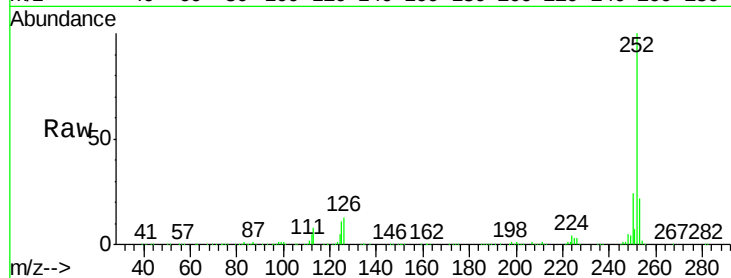
Tot Ion:252 Resp: 423506

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

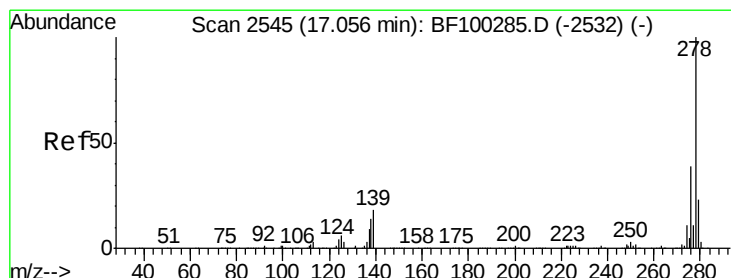
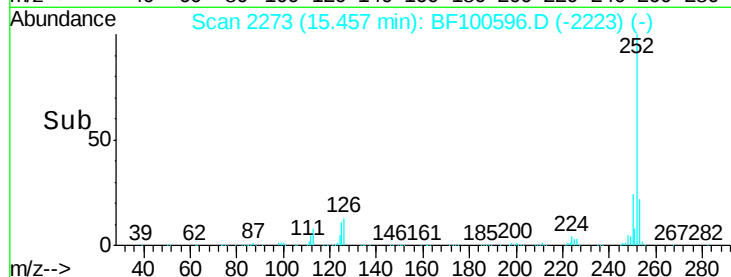
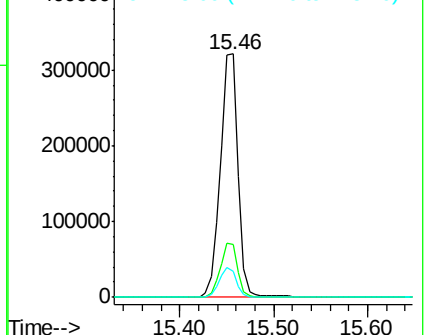
125 10.8 9.8 14.6



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: 30.76 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

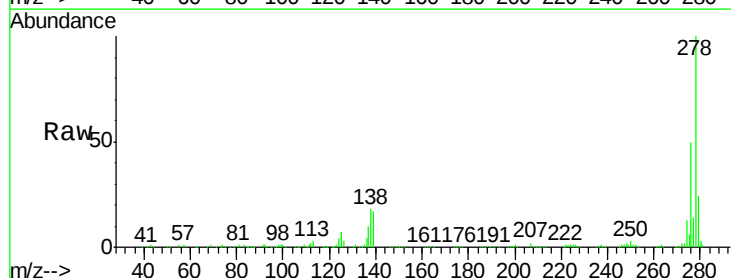
Tgt Ion:278 Resp: 342193

Ion Ratio Lower Upper

278 100

139 16.8 15.9 23.9

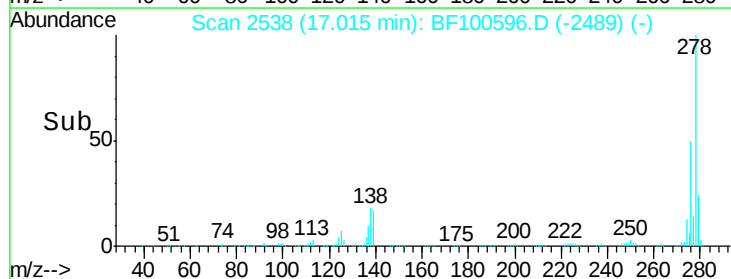
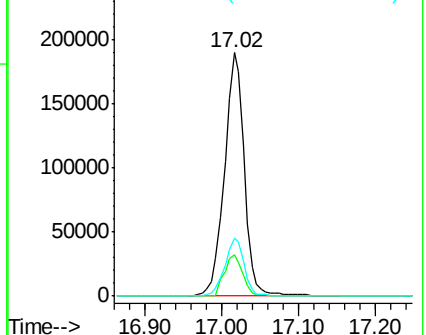
279 23.9 19.0 28.4

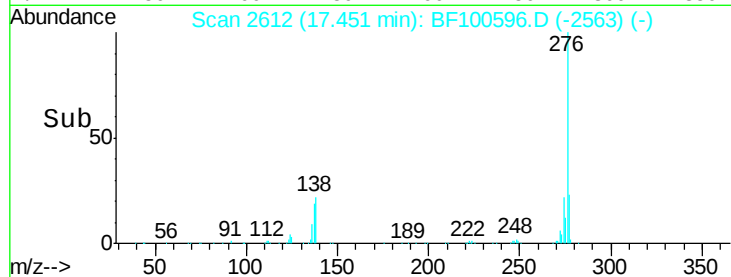
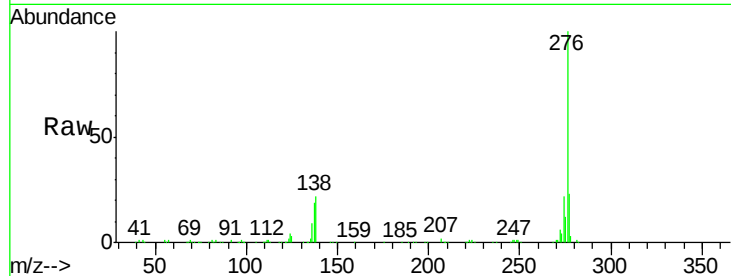
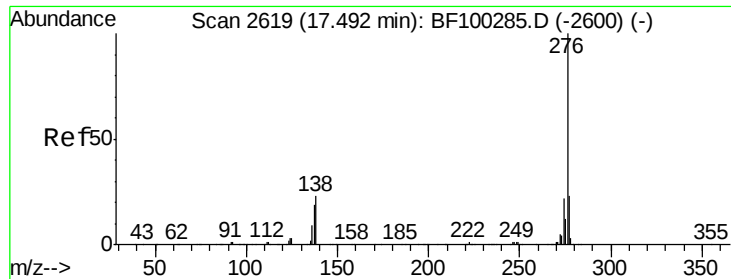


Abundance Ion 278.00 (277.70 to 278.70): E

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: 29.40 ng

RT: 17.45 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF100596.D

Acq: 15 Nov 2017 18:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 320150

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 21.9 21.8 32.8

