

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
 Data File : BF095886.D
 Acq On : 12 Jun 2017 22:49
 Operator : SJ/MA
 Sample : IDOC-W-1
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 05:35:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66557	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	282405	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	133241	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	246334	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	180855	20.00	ng	-0.04
86) Perylene-d12	19.99	264	131490	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	611293	146.35	ng	-0.03
7) Phenol-d6	6.93	99	719148	143.82	ng	-0.03
23) Nitrobenzene-d5	8.27	82	424947	93.45	ng	-0.05
41) 2,4,6-Tribromophenol	13.51	330	164537	139.57	ng	-0.04
44) 2-Fluorobiphenyl	11.17	172	866867	90.54	ng	-0.05
78) Terphenyl-d14	16.98	244	770428	105.72	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.75	88	74382	37.43	ng	97
3) Pyridine	2.29	79	184994	39.61	ng	98
4) n-Nitrosodimethylamine	2.26	42	80500	45.34	ng	85
6) Aniline	6.86	93	224498	34.32	ng	94
8) 2-Chlorophenol	7.04	128	221428	49.86	ng	95
9) Benzaldehyde	6.67	77	63688	18.88	ng	96
10) Phenol	6.94	94	256204	49.39	ng	89
11) bis(2-Chloroethyl)ether	7.00	93	193060	46.98	ng	94
12) 1,3-Dichlorobenzene	7.25	146	225866	44.93	ng	98
13) 1,4-Dichlorobenzene	7.37	146	230564	45.23	ng	95
14) 1,2-Dichlorobenzene	7.61	146	217848	46.36	ng	96
15) Benzyl Alcohol	7.66	79	172766	50.34	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.85	45	267074	46.26	ng	97
17) 2-Methylphenol	7.89	107	185672	49.82	ng	93
18) Hexachloroethane	8.13	117	76627	45.51	ng	89
19) n-Nitroso-di-n-propylamine	8.09	70	151801	47.90	ng	94
20) 3+4-Methylphenols	8.15	107	239886	50.70	ng	# 60
22) Acetophenone	8.05	105	304560	46.08	ng	# 83
24) Nitrobenzene	8.30	77	212346	43.72	ng	92
25) Isophorone	8.70	82	387804	45.67	ng	95
26) 2-Nitrophenol	8.81	139	122603	48.20	ng	98
27) 2,4-Dimethylphenol	8.96	122	200403	50.77	ng	98
28) bis(2-Chloroethoxy)methane	9.08	93	253577	45.31	ng	99
29) 2,4-Dichlorophenol	9.24	162	181921	47.85	ng	99
30) 1,2,4-Trichlorobenzene	9.32	180	177845	44.96	ng	98
31) Naphthalene	9.42	128	630381	44.48	ng	99
32) Benzoic acid	9.35	122	102335	42.18	ng	93
33) 4-Chloroaniline	9.59	127	104950	18.95	ng	94
34) Hexachlorobutadiene	9.64	225	89954	44.01	ng	98
35) Caprolactam	10.21	113	30912	27.33	ng	# 88
36) 4-Chloro-3-methylphenol	10.46	107	203317	51.09	ng	90
37) 2-Methylnaphthalene	10.54	142	441878	46.14	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.83	216	173412	43.49	ng	99
40) Hexachlorocyclopentadiene	10.80	237	100749	80.52	ng	97

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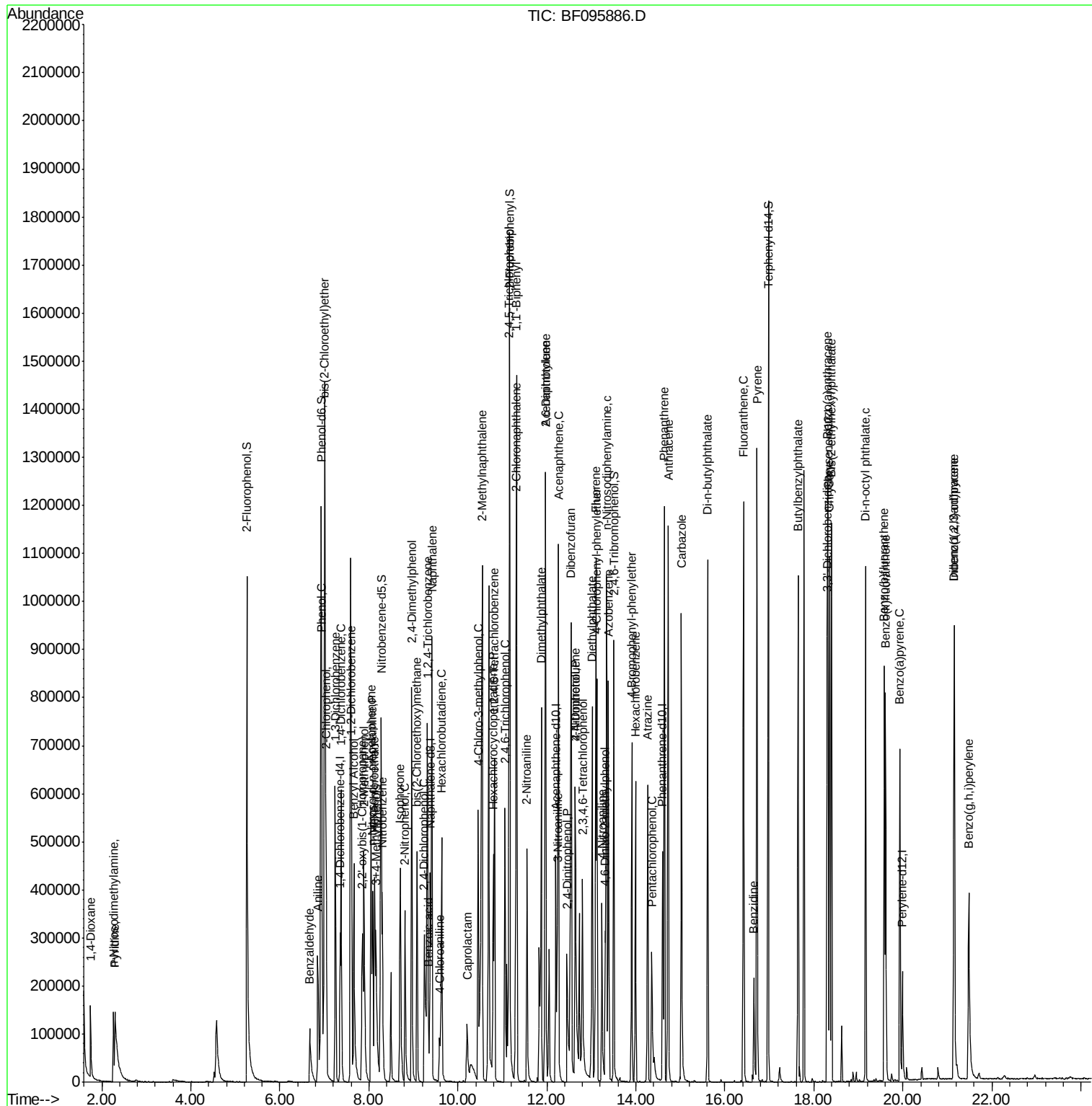
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	119911	46.77	nq	96
43) 2,4,5-Trichlorophenol	11.15	196	113772	41.72	nq	94
45) 1,1'-Biphenyl	11.31	154	501667	45.68	nq	97
46) 2-Chloronaphthalene	11.33	162	388586	45.29	nq	96
47) 2-Nitroaniline	11.55	65	115965	46.19	nq	# 82
48) Acenaphthylene	11.97	152	620450	42.29	nq	98
49) Dimethylphthalate	11.87	163	476893	47.14	nq	98
50) 2,6-Dinitrotoluene	11.97	165	101336	45.92	nq	# 79
51) Acenaphthene	12.26	154	368733	43.51	nq	99
52) 3-Nitroaniline	12.23	138	73387	28.55	nq	87
53) 2,4-Dinitrophenol	12.45	184	96523	77.48	nq	# 66
54) Dibenzofuran	12.55	168	573255	48.07	nq	97
55) 4-Nitrophenol	12.64	139	110262	73.83	nq	# 74
56) 2,4-Dinitrotoluene	12.64	165	146963	49.31	nq	# 88
57) Fluorene	13.10	166	464950	44.80	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.80	232	95858	51.37	nq	# 95
59) Diethylphthalate	13.02	149	466921	47.96	nq	99
60) 4-Chlorophenyl-phenylether	13.13	204	205071	45.44	nq	91
61) 4-Nitroaniline	13.24	138	114505	47.70	nq	96
62) Azobenzene	13.39	77	434770	49.27	nq	95
64) 4,6-Dinitro-2-methylphenol	13.31	198	71299	44.03	nq	# 72
65) n-Nitrosodiphenylamine	13.34	169	398099	44.98	nq	99
66) 4-Bromophenyl-phenylether	13.91	248	117805	46.02	nq	97
67) Hexachlorobenzene	13.99	284	117022	46.39	nq	# 86
68) Atrazine	14.27	200	116984	47.49	nq	95
69) Pentachlorophenol	14.36	266	68126	71.95	nq	97
70) Phenanthrene	14.64	178	664442	46.75	nq	98
71) Anthracene	14.73	178	679491	45.79	nq	97
72) Carbazole	15.02	167	639259	44.21	nq	97
73) Di-n-butylphthalate	15.62	149	750333	48.77	nq	99
74) Fluoranthene	16.42	202	668846	47.54	nq	99
76) Benzidine	16.65	184	143316	20.63	nq	# 92
77) Pyrene	16.72	202	678148	50.25	nq	99
79) Butylbenzylphthalate	17.64	149	305882	51.90	nq	# 86
80) Benzo(a)anthracene	18.31	228	500341	47.58	nq	99
81) 3,3'-Dichlorobenzidine	18.29	252	119263	31.90	nq	# 97
82) Chrysene	18.36	228	486979	46.34	nq	99
83) Bis(2-ethylhexyl)phthalate	18.39	149	426432	51.29	nq	# 100
84) Di-n-octyl phthalate	19.16	149	658498	48.07	nq	96
85) Indeno(1,2,3-cd)pyrene	21.16	276	378808	42.13	nq	99
87) Benzo(b)fluoranthene	19.58	252	369105	44.83	nq	99
88) Benzo(k)fluoranthene	19.61	252	394495	50.13	nq	97
89) Benzo(a)pyrene	19.93	252	356996	47.17	nq	100
90) Dibenzo(a,h)anthracene	21.16	278	320046	49.86	nq	98
91) Benzo(g,h,i)perylene	21.48	276	332770	50.85	nq	96

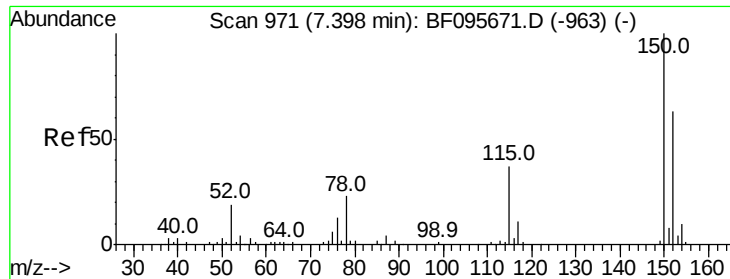
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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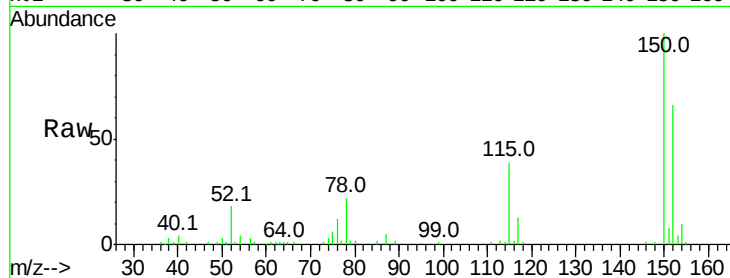


#1

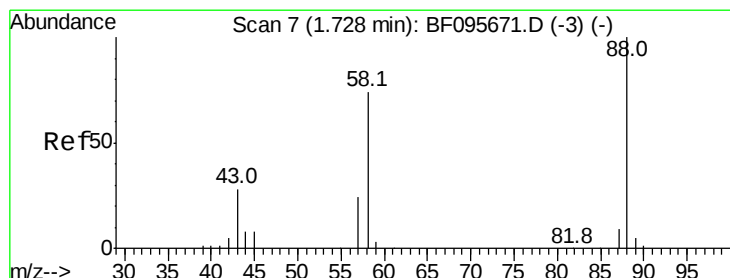
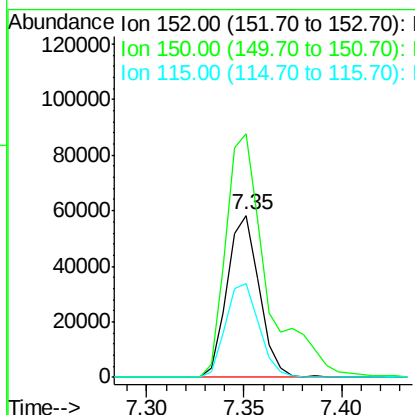
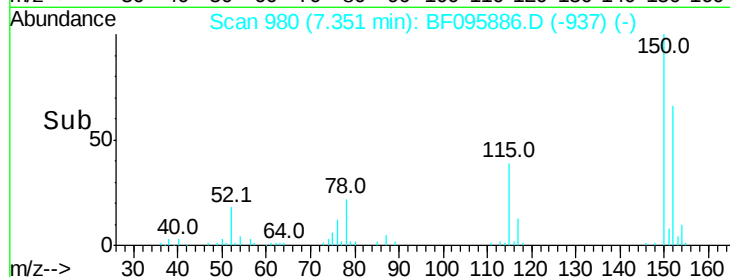
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 66557
Ion Ratio Lower Upper
152 100
150 150.5 126.2 189.2
115 58.3 52.2 78.2



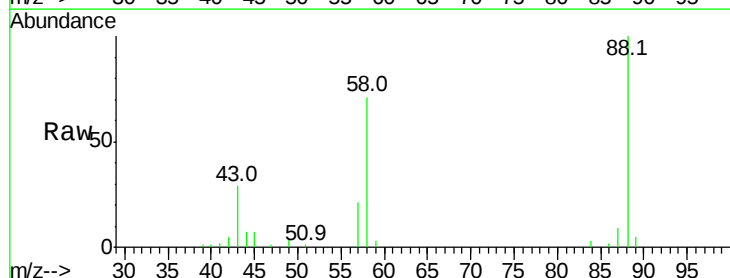
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



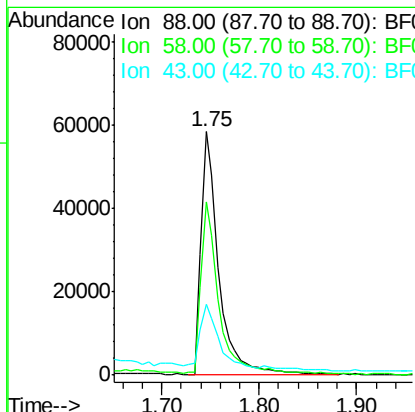
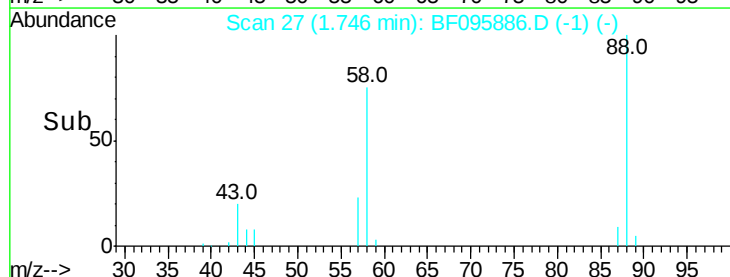
#2

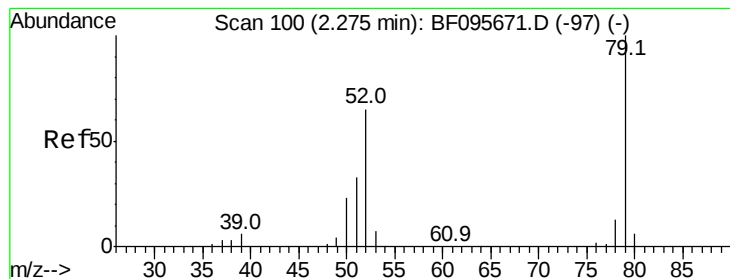
1,4-Dioxane
Concen: 37.43 ng
RT: 1.75 min Scan# 27
Delta R.T. 0.02 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion: 88 Resp: 74382
Ion Ratio Lower Upper
88 100
58 74.7 61.4 92.0
43 26.0 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.61 ng

RT: 2.29 min Scan# 120

Delta R.T. 0.02 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Instrument :

BNA_F

ClientSampleId :

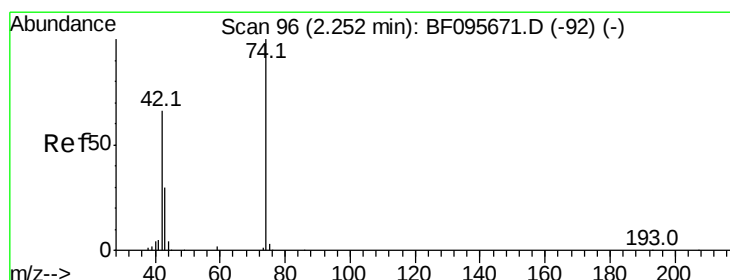
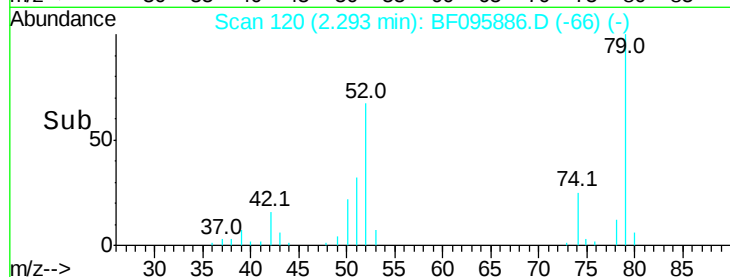
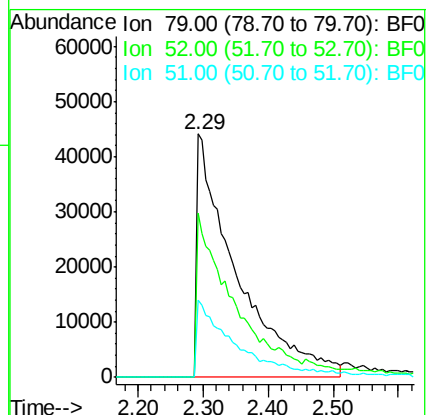
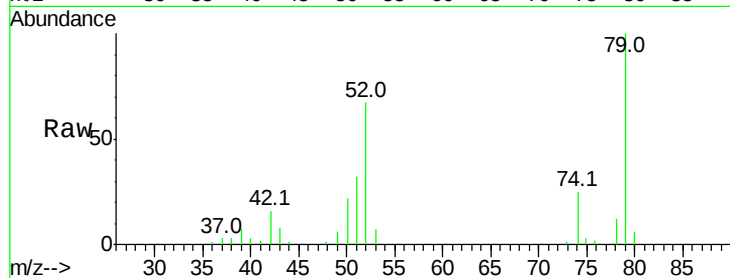
Tot Ion: 79 Resp: 184994

Ion Ratio Lower Upper

79 100

52 67.4 54.8 82.2

51 31.8 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 45.34 ng

RT: 2.26 min Scan# 115

Delta R.T. 0.01 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

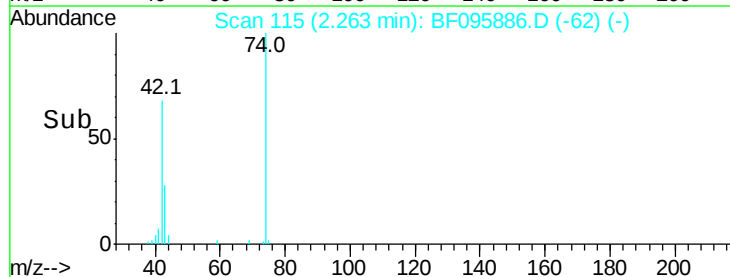
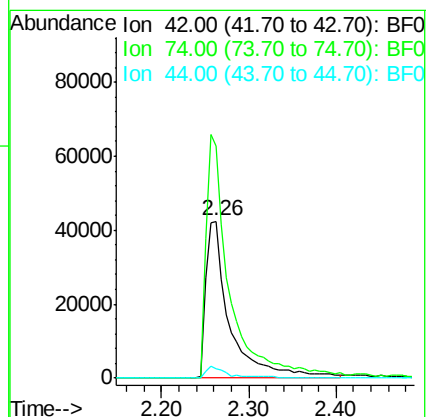
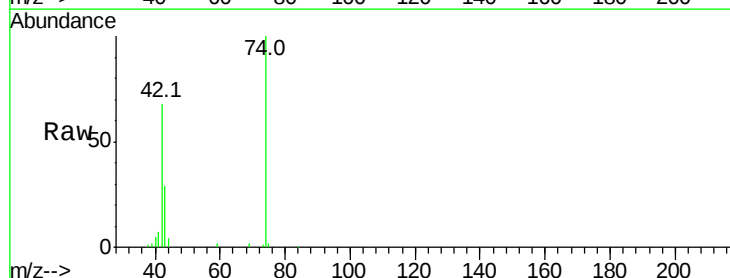
Tgt Ion: 42 Resp: 80500

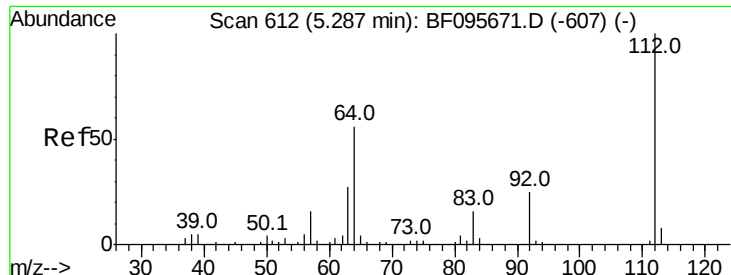
Ion Ratio Lower Upper

42 100

74 148.0 103.9 155.9

44 6.0 5.7 8.5





#5

2-Fluorophenol

Concen: 146.35 ng

RT: 5.26 min Scan# 624

Delta R.T. -0.03 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Instrument :

BNA_F

ClientSampleId :

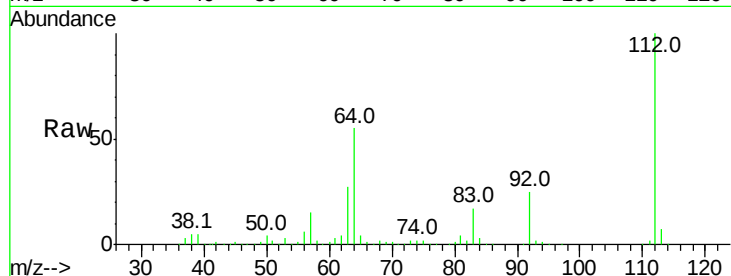
Tot Ion:112 Resp: 611293

Ion Ratio Lower Upper

112 100

64 55.0 46.0 69.0

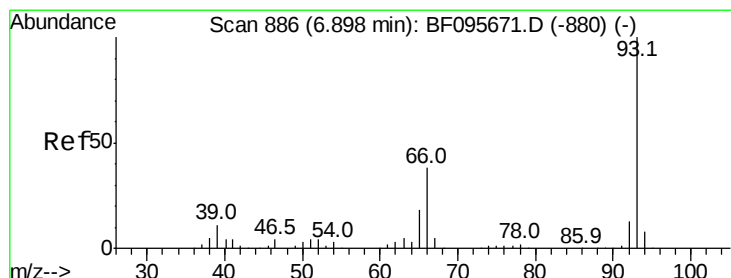
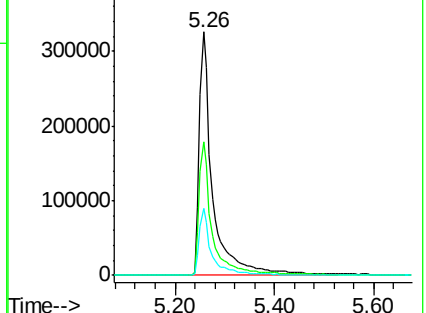
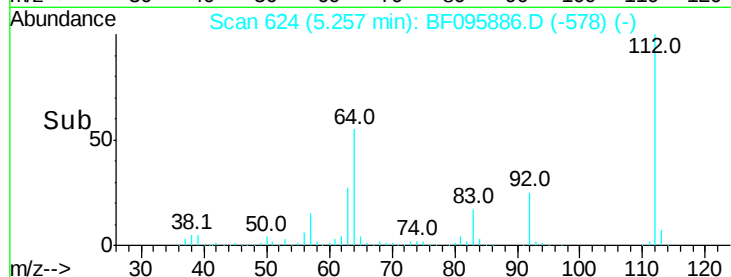
63 27.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.32 ng

RT: 6.86 min Scan# 896

Delta R.T. -0.04 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

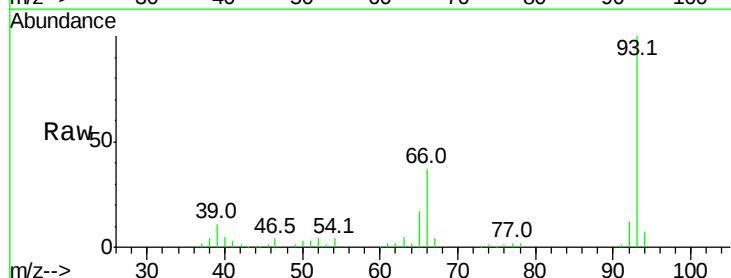
Tgt Ion: 93 Resp: 224498

Ion Ratio Lower Upper

93 100

66 37.5 32.9 49.3

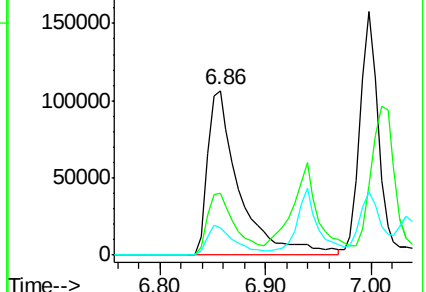
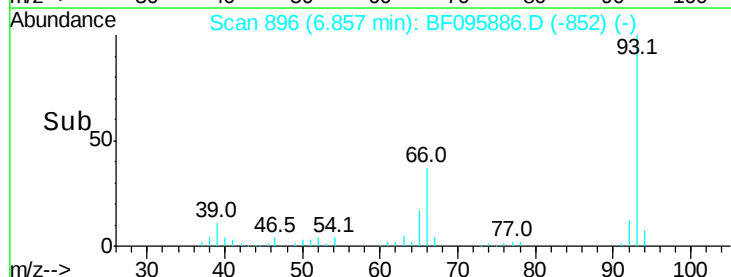
65 16.9 16.0 24.0

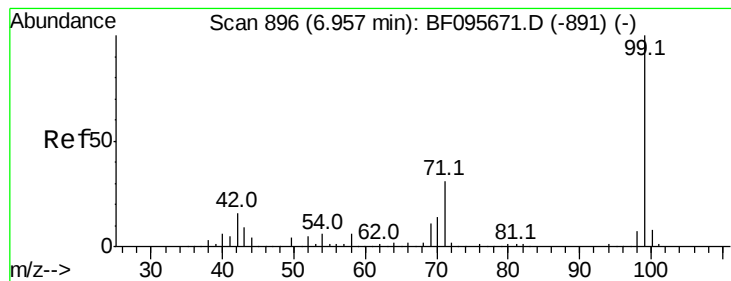


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 143.82 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Instrument :

BNA_F

ClientSampled :

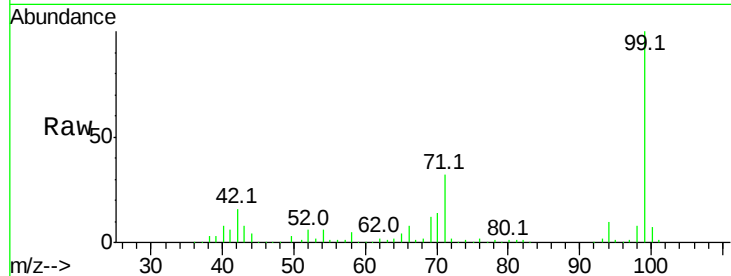
Tot Ion: 99 Resp: 719148

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

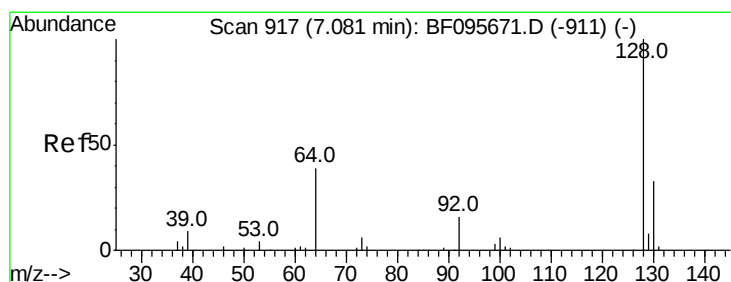
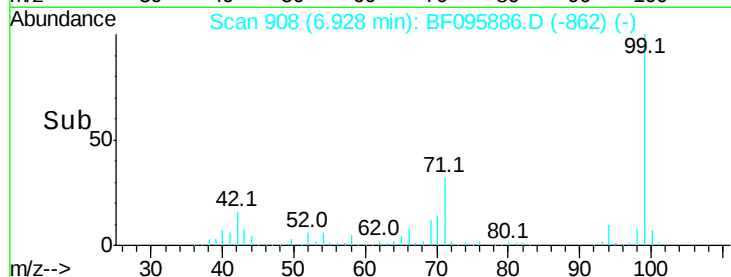
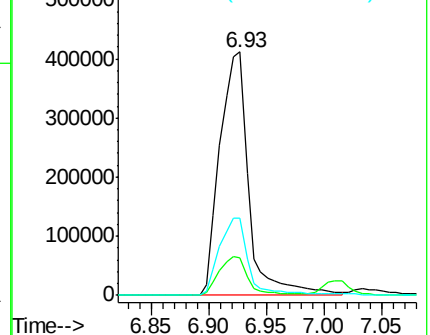
71 31.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.86 ng

RT: 7.04 min Scan# 927

Delta R.T. -0.04 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

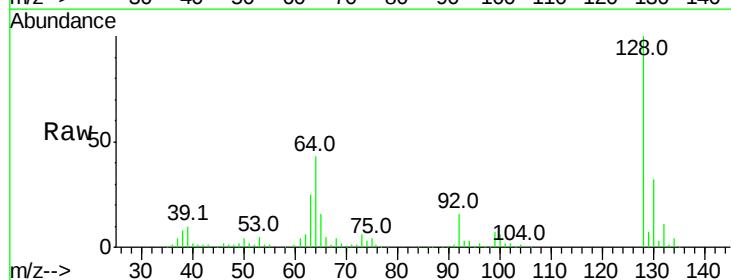
Tgt Ion: 128 Resp: 221428

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

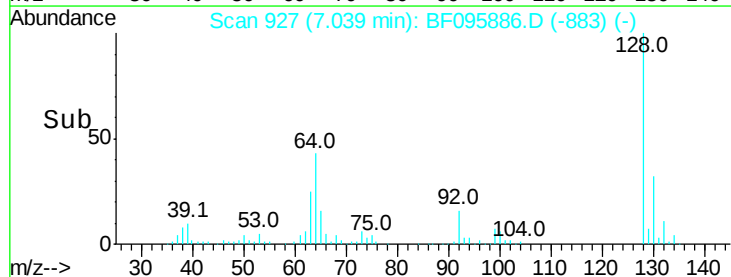
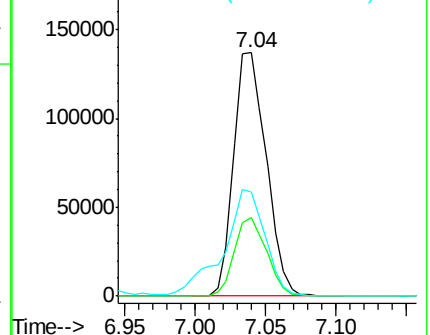
64 43.0 28.4 68.4

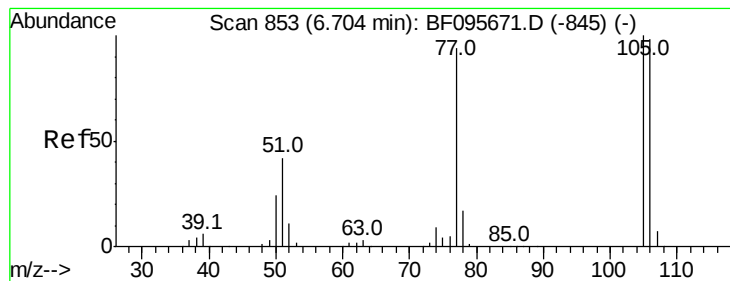


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.88 ng

RT: 6.67 min Scan# 864

Delta R.T. -0.04 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

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ClientSampleId :

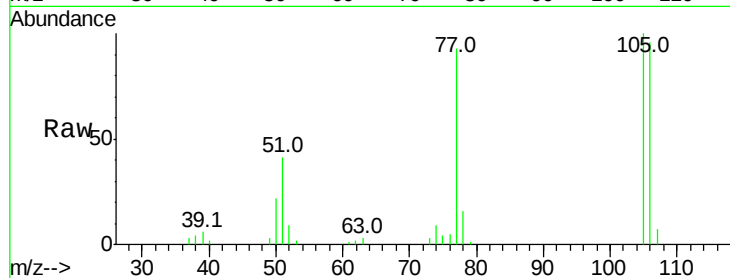
Tot Ion: 77 Resp: 63688

Ion Ratio Lower Upper

77 100

105 107.9 83.8 123.8

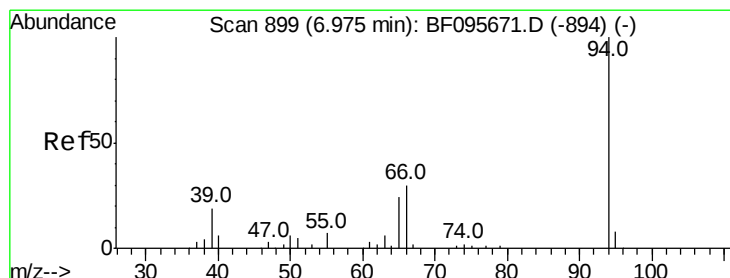
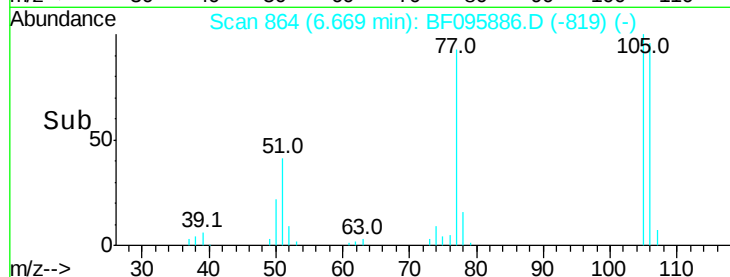
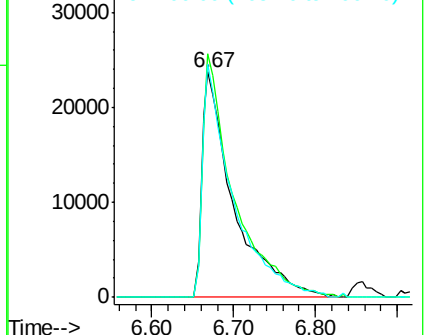
106 103.2 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.39 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

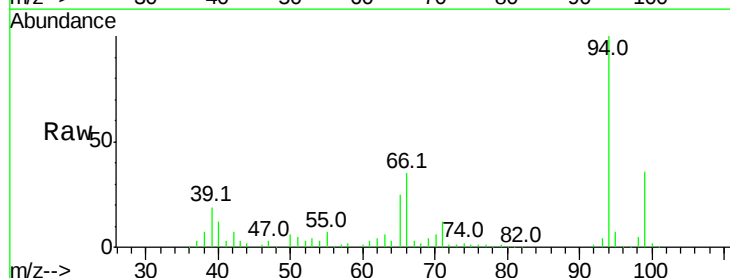
Tgt Ion: 94 Resp: 256204

Ion Ratio Lower Upper

94 100

65 25.2 9.9 49.9

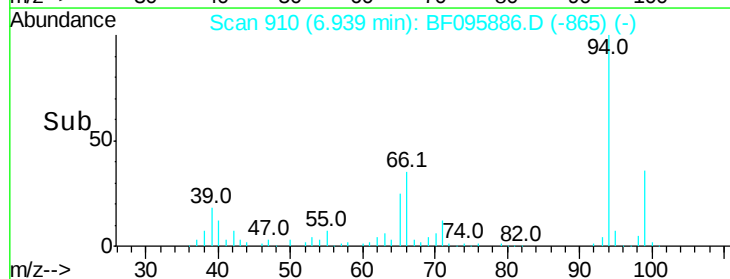
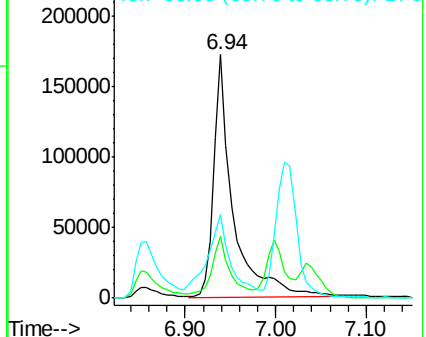
66 34.6 23.1 63.1

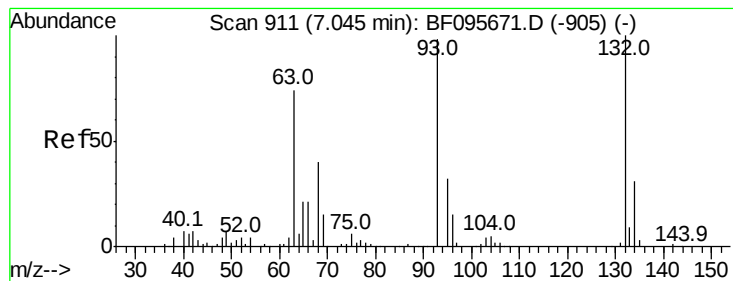


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

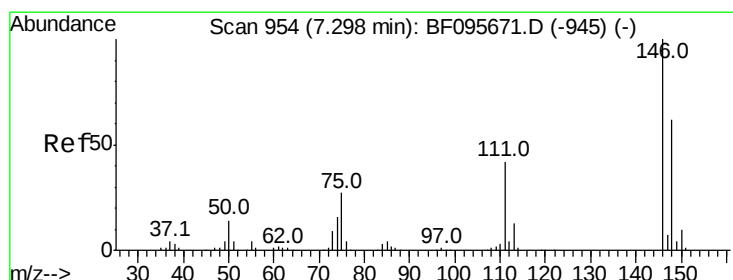
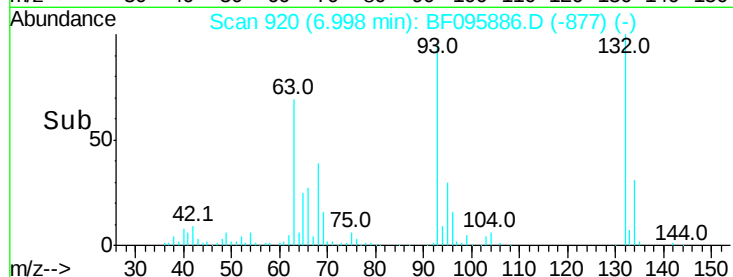
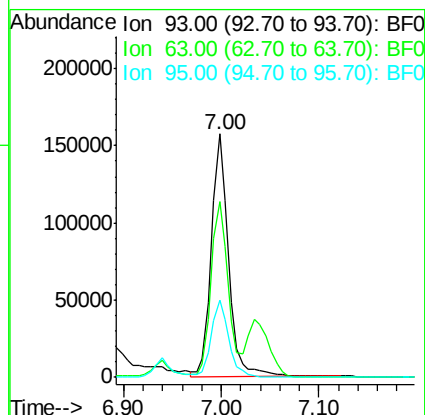
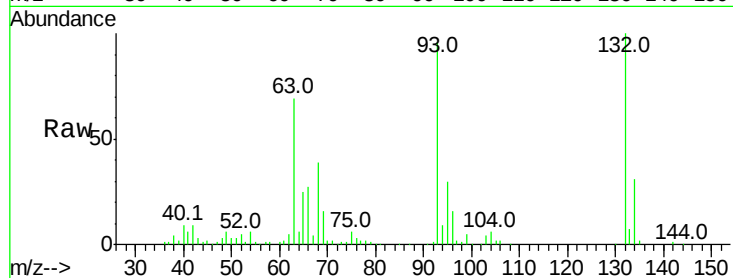




#11
bis(2-Chloroethyl)ether
Concen: 46.98 ng
RT: 7.00 min Scan# 920
Delta R.T. -0.05 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

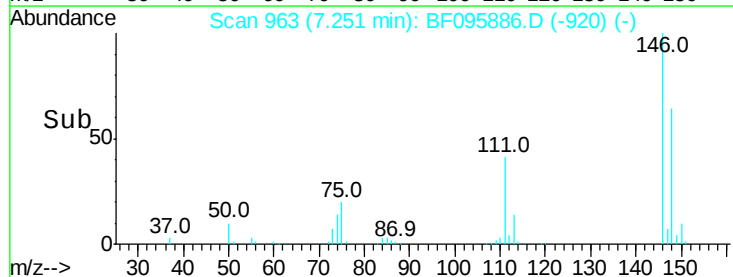
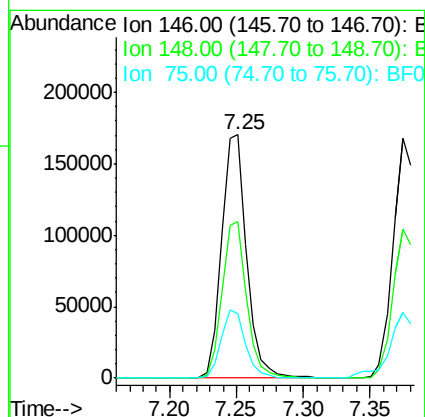
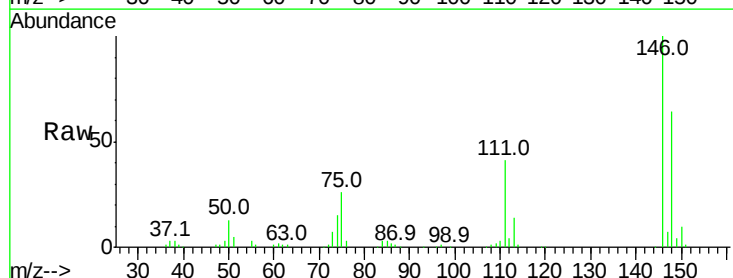
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 193060
Ion Ratio Lower Upper
93 100
63 72.2 59.2 99.2
95 31.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.93 ng
RT: 7.25 min Scan# 963
Delta R.T. -0.05 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion: 146 Resp: 225866
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
75 26.3 23.1 34.7

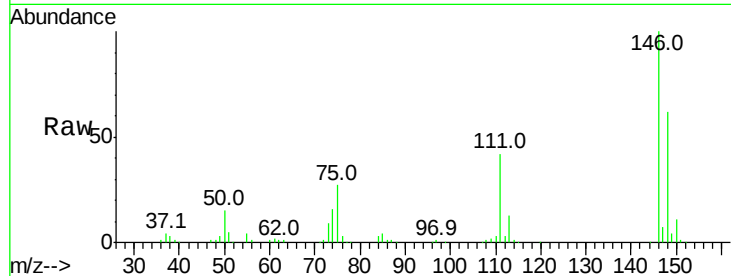




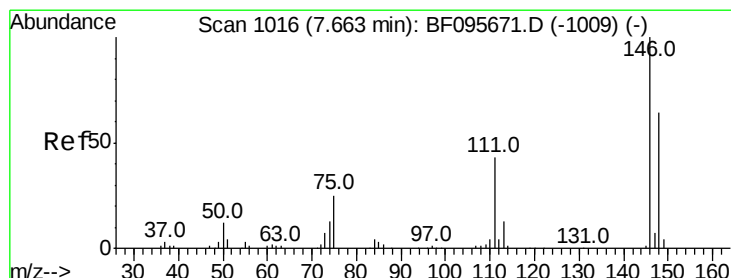
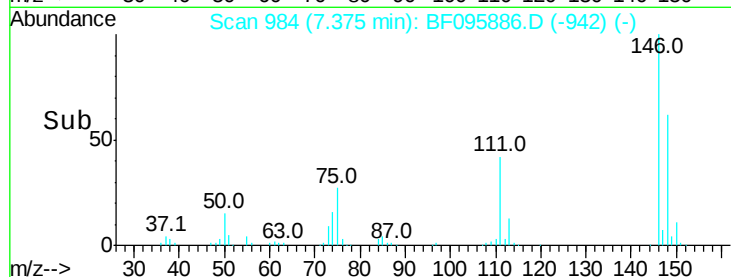
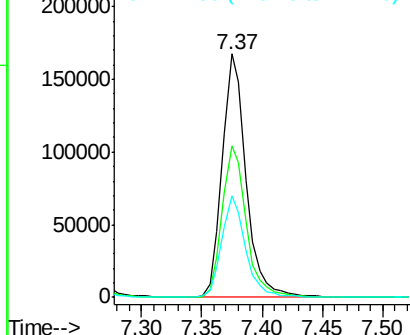
#13
 1,4-Dichlorobenzene
 Concen: 45.23 ng
 RT: 7.37 min Scan# 984
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 230564
 Ion Ratio Lower Upper
 146 100
 148 62.0 52.2 78.2
 111 41.6 30.3 45.5

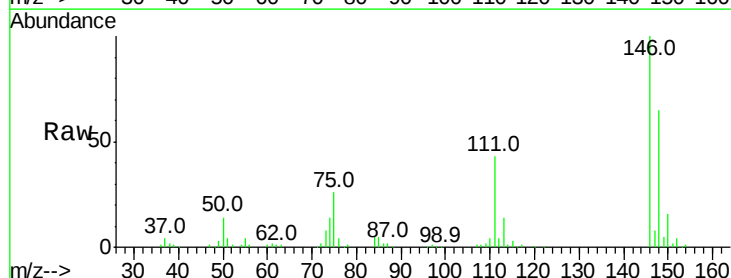


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

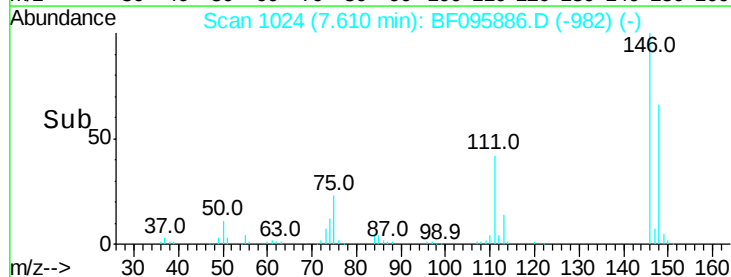
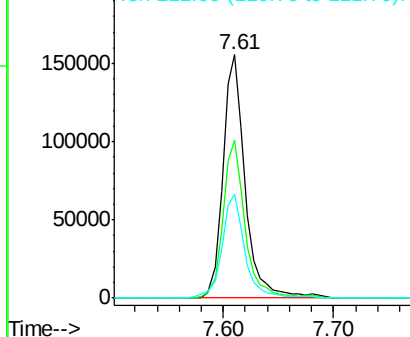


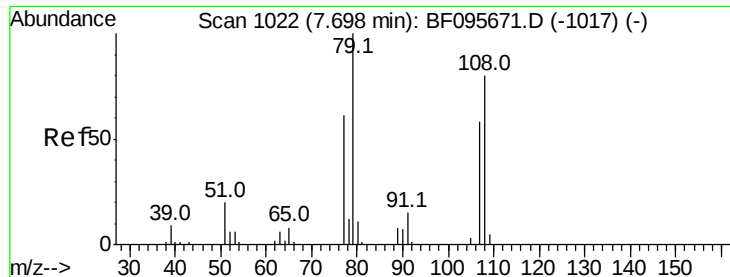
#14
 1,2-Dichlorobenzene
 Concen: 46.36 ng
 RT: 7.61 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion:146 Resp: 217848
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.4 75.6
 111 42.9 38.2 57.4



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: 50.34 ng

RT: 7.66 min Scan# 1033

Delta R.T. -0.04 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Instrument :

BNA_F

ClientSampleId :

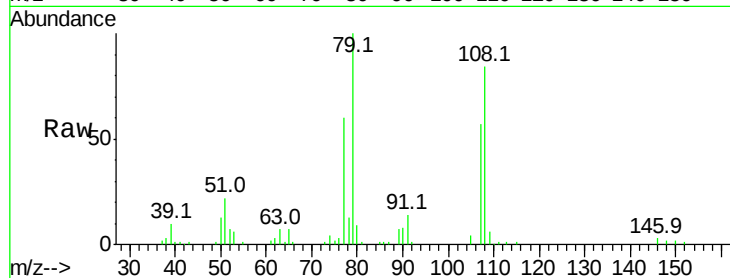
Tot Ion: 79 Resp: 172766

Ion Ratio Lower Upper

79 100

108 83.8 63.4 95.0

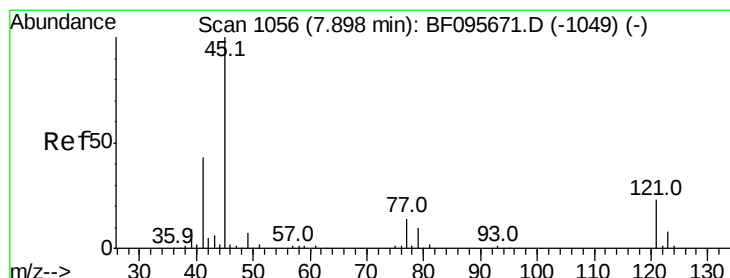
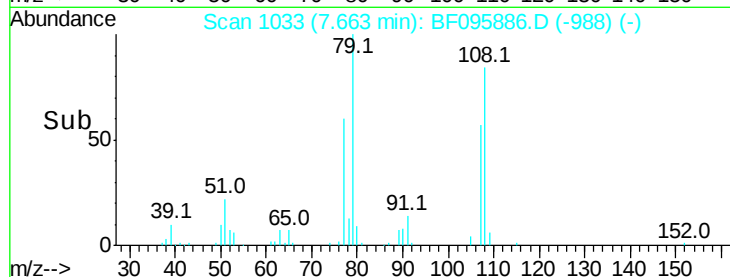
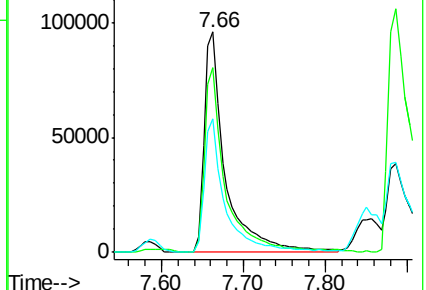
77 60.5 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.26 ng

RT: 7.85 min Scan# 1064

Delta R.T. -0.05 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

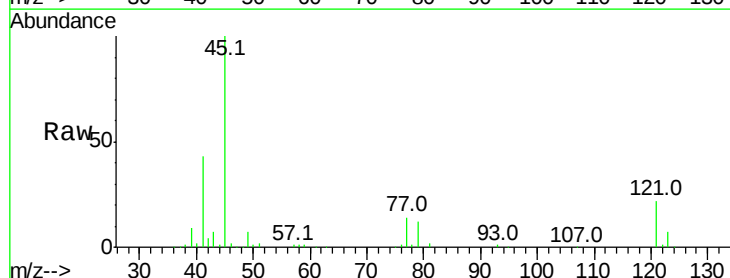
Tgt Ion: 45 Resp: 267074

Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.2

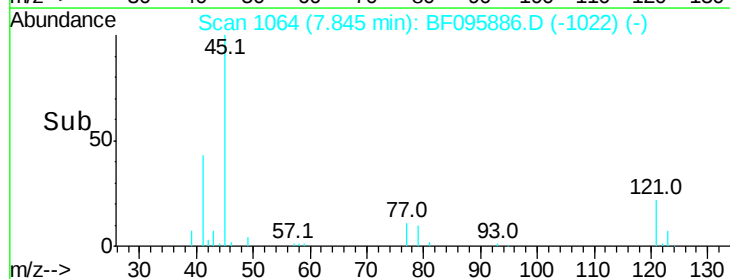
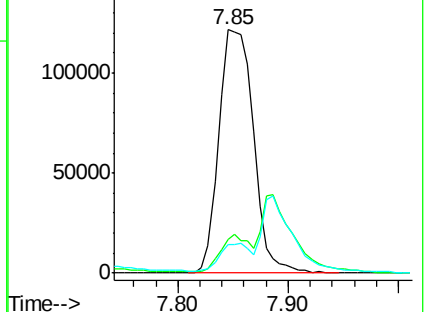
79 11.6 0.0 30.0

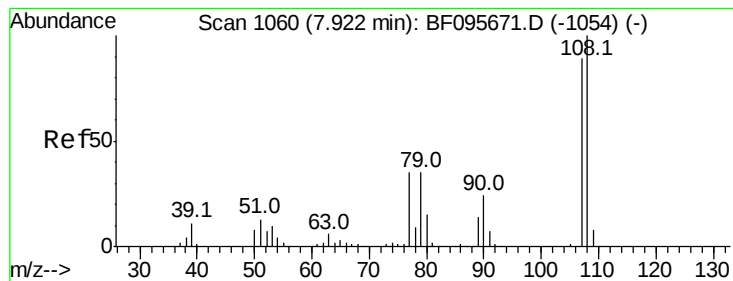


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

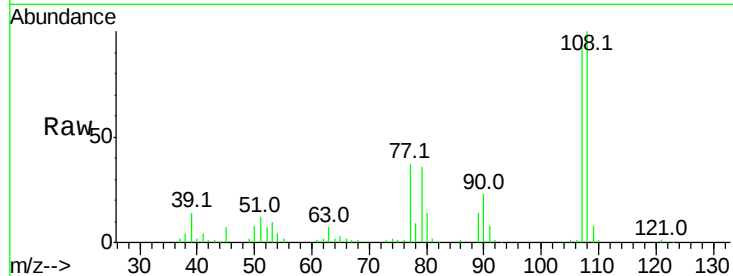




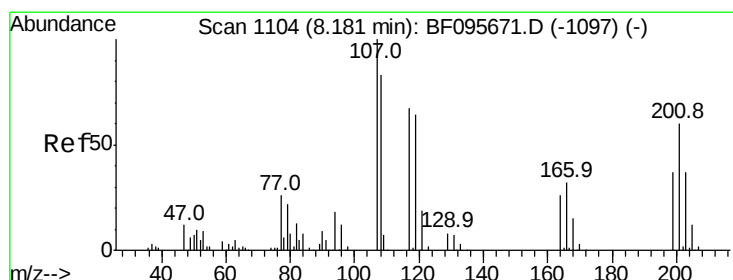
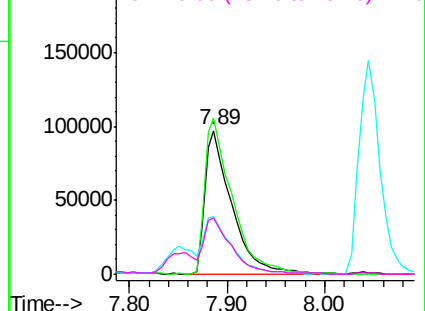
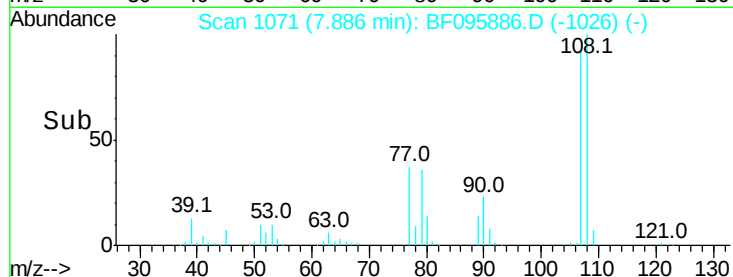
#17
2-Methylphenol
Concen: 49.82 ng
RT: 7.89 min Scan# 1071
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 185672
Ion Ratio Lower Upper
107 100
108 108.7 93.4 140.0
77 40.4 35.8 53.6
79 39.5 34.8 52.2

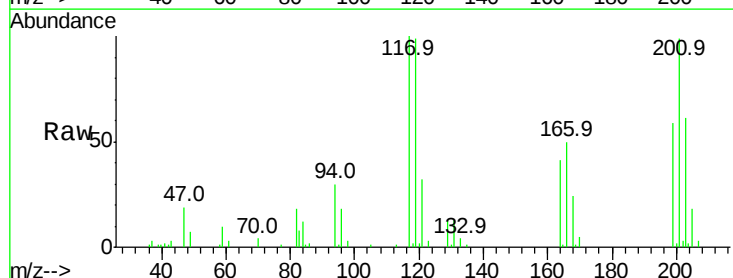


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

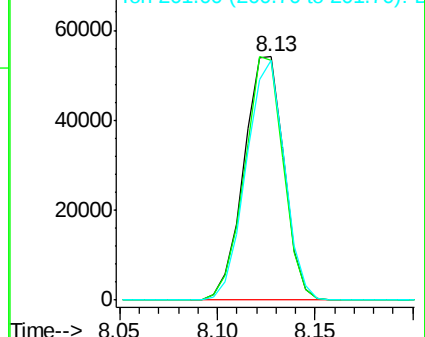
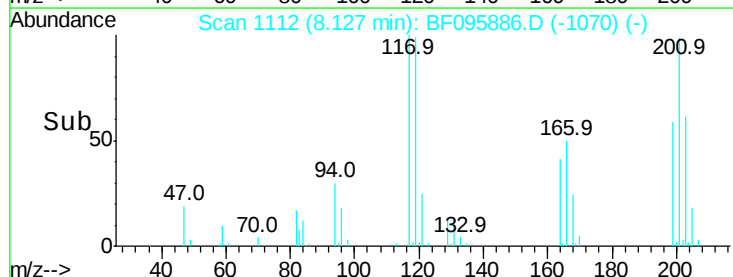


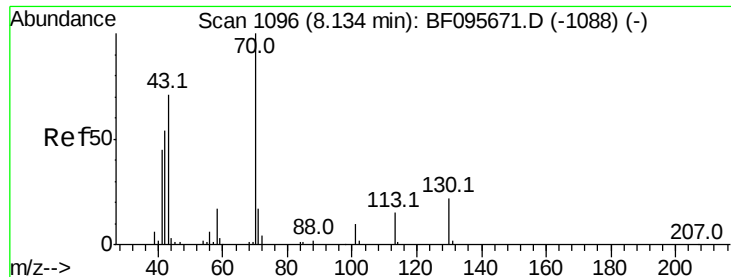
#18
Hexachloroethane
Concen: 45.51 ng
RT: 8.13 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion:117 Resp: 76627
Ion Ratio Lower Upper
117 100
119 98.7 77.4 116.0
201 98.9 94.6 141.8



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

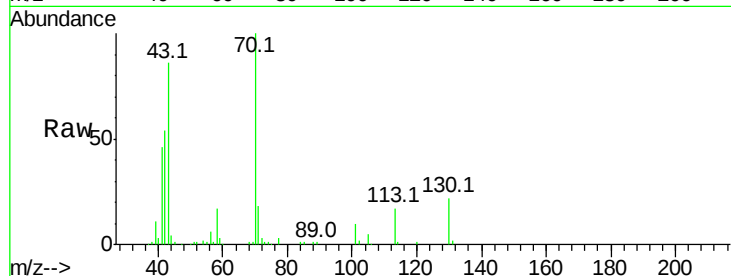




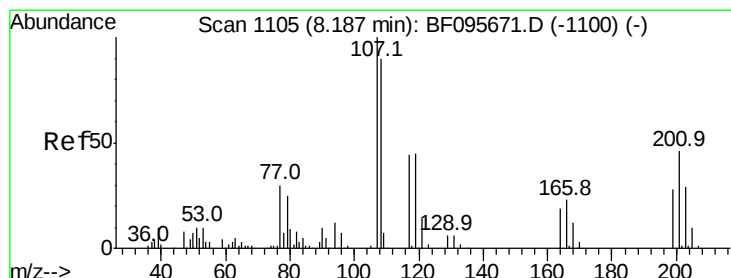
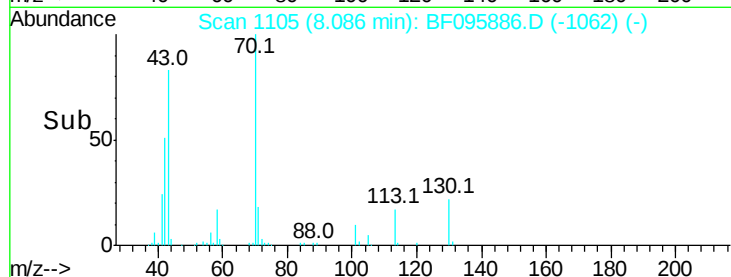
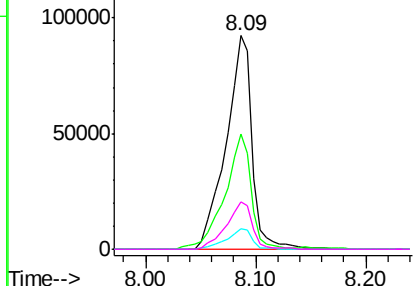
#19
n-Nitroso-di-n-propylamine
Concen: 47.90 ng
RT: 8.09 min Scan# 1105
Delta R.T. -0.05 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 151801
Ion Ratio Lower Upper
70 100
42 53.7 47.2 70.8
101 9.5 7.2 10.8
130 22.2 15.9 23.9



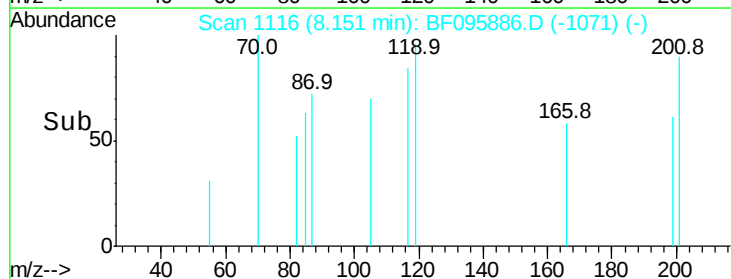
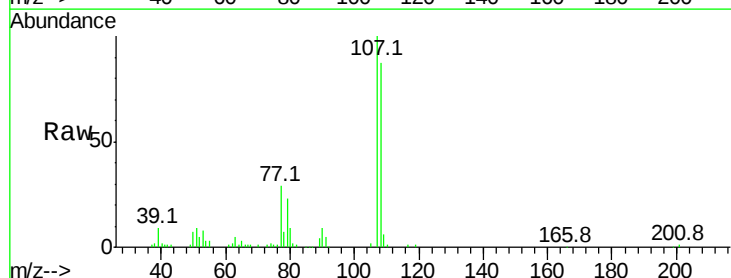
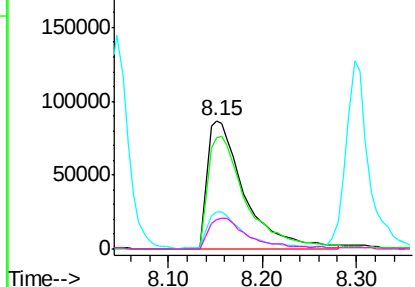
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

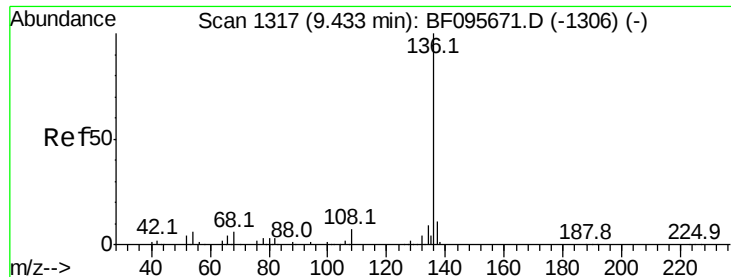


#20
3+4-Methylphenols
Concen: 50.70 ng
RT: 8.15 min Scan# 1116
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion:107 Resp: 239886
Ion Ratio Lower Upper
107 100
108 87.1 71.0 111.0
77 29.3 90.5 130.5#
79 23.0 8.4 48.4

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): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 282405

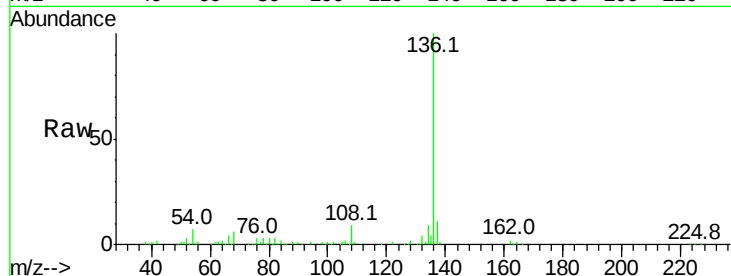
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

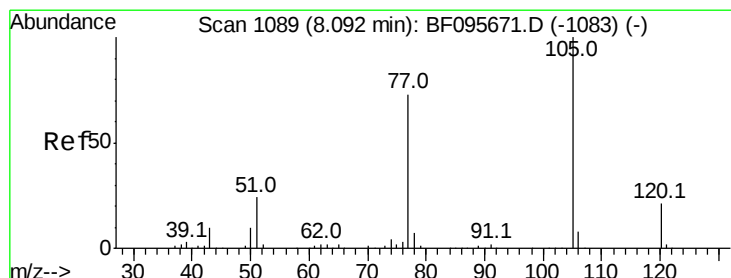
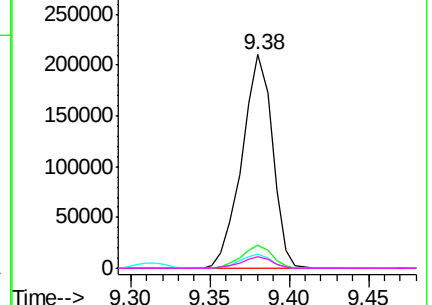
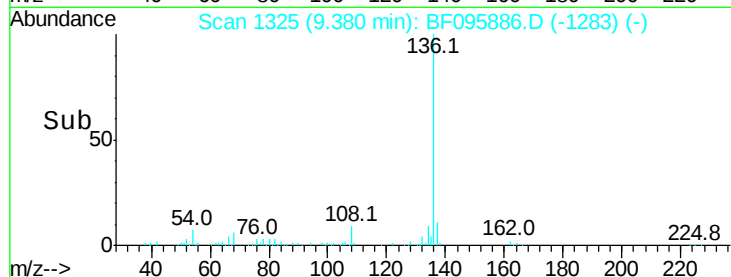


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.08 ng

RT: 8.05 min Scan# 1098

Delta R.T. -0.05 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Tgt Ion:105 Resp: 304560

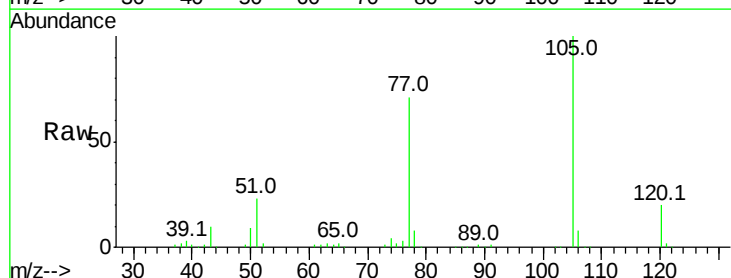
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.8 30.7 46.1#

120 20.4 17.4 26.0

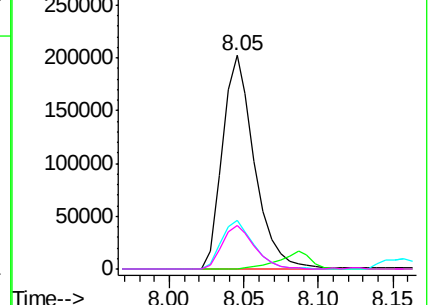
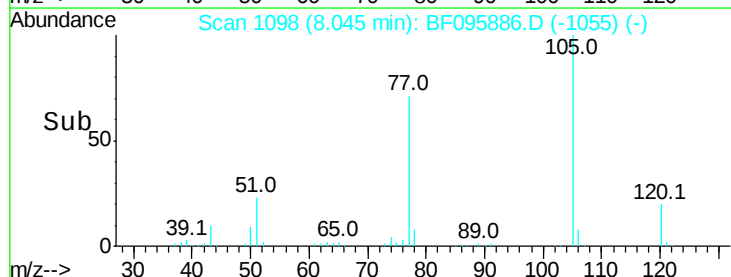


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

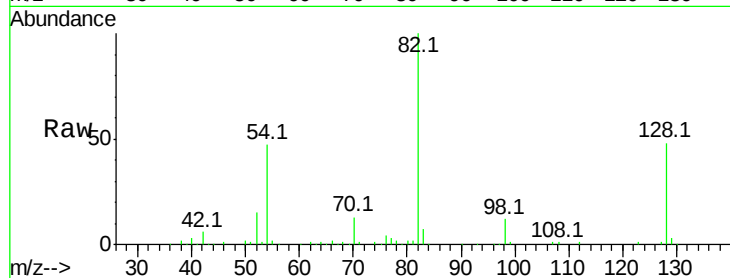




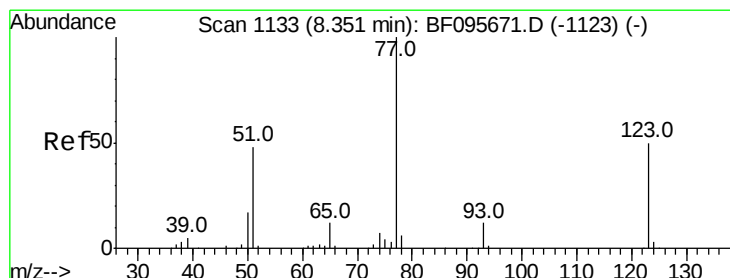
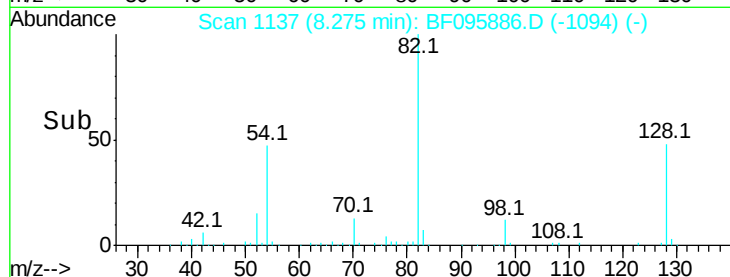
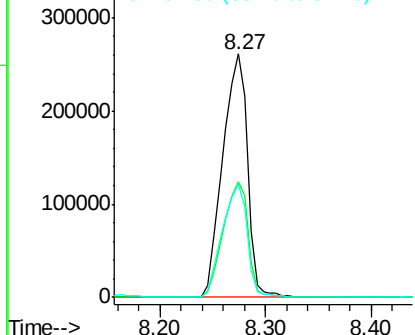
#23
 Nitrobenzene-d5
 Concen: 93.45 ng
 RT: 8.27 min Scan# 1137
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 424947
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 46.5 42.2 63.2

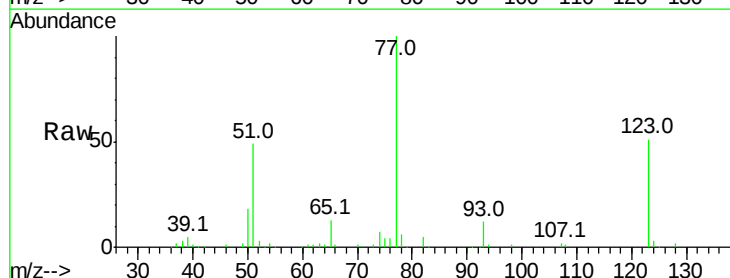


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

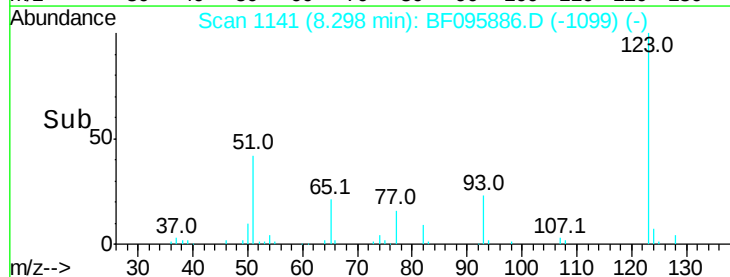
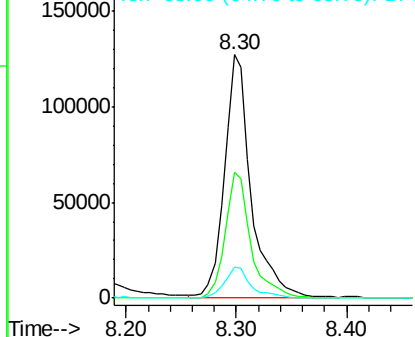


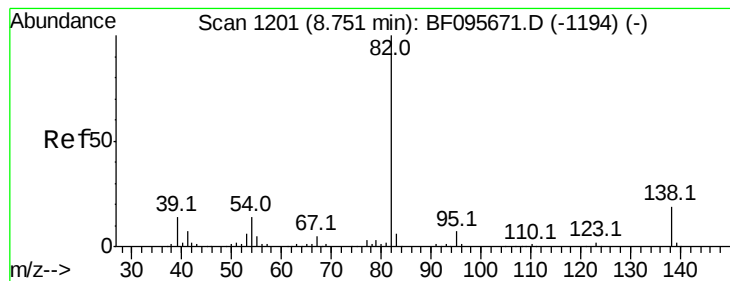
#24
 Nitrobenzene
 Concen: 43.72 ng
 RT: 8.30 min Scan# 1141
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion: 77 Resp: 212346
 Ion Ratio Lower Upper
 77 100
 123 51.5 35.8 53.8
 65 12.7 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.67 ng

RT: 8.70 min Scan# 1210

Delta R.T. -0.05 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Instrument :

BNA_F

ClientSampled :

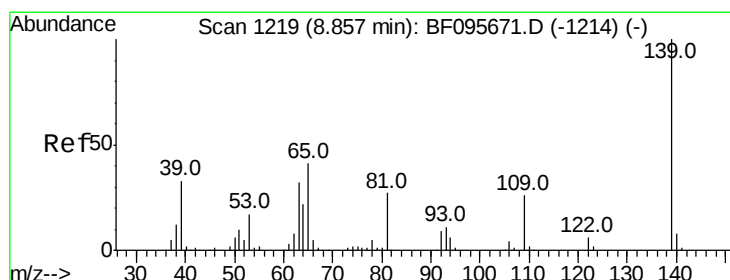
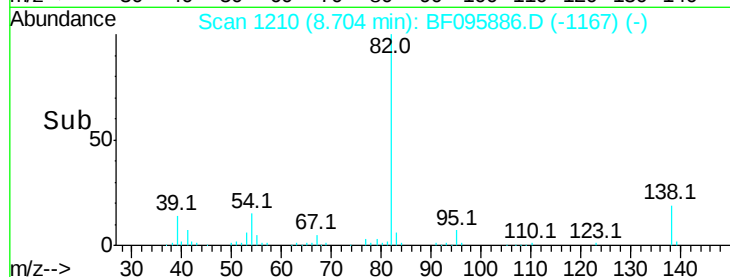
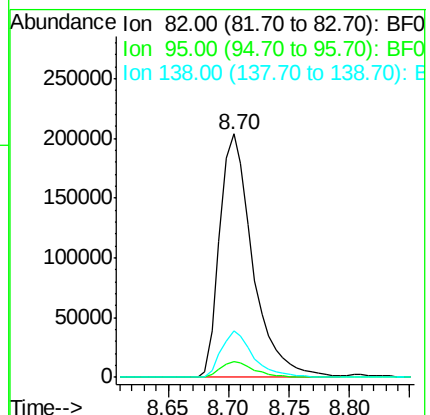
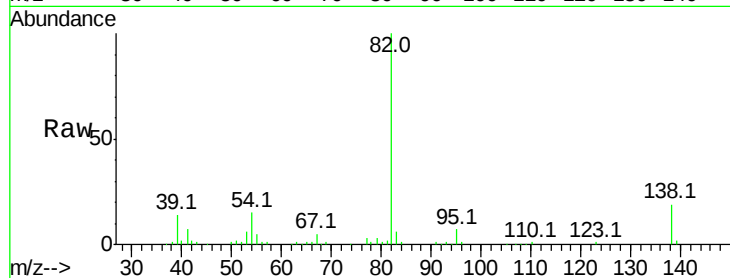
Tot Ion: 82 Resp: 387804

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 48.20 ng

RT: 8.81 min Scan# 1228

Delta R.T. -0.05 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

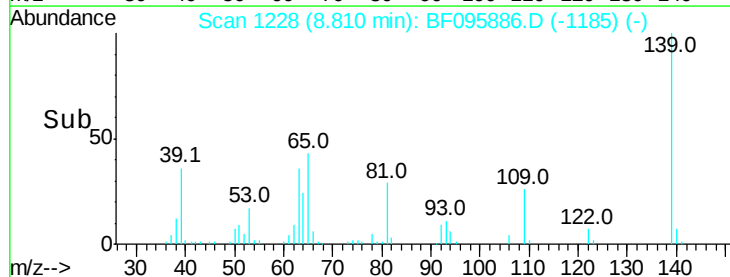
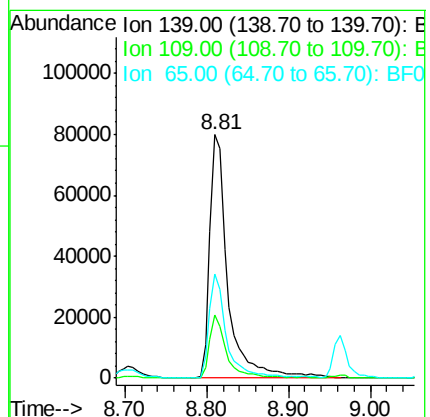
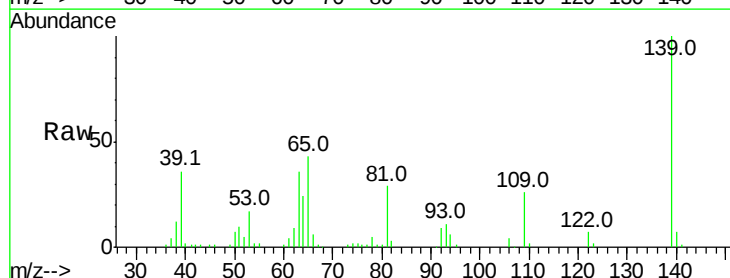
Tgt Ion: 139 Resp: 122603

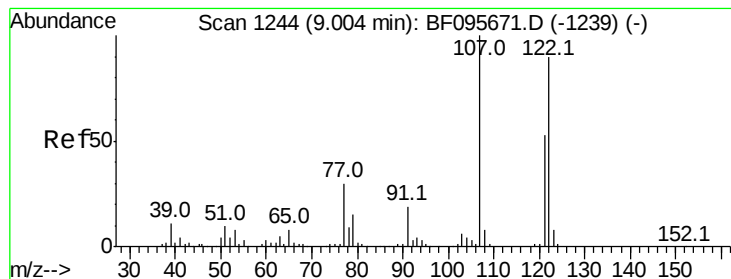
Ion Ratio Lower Upper

139 100

109 25.9 21.0 31.6

65 42.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 50.77 ng

RT: 8.96 min Scan# 1254

Delta R.T. -0.04 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Instrument :
BNA_F
ClientSampleId :

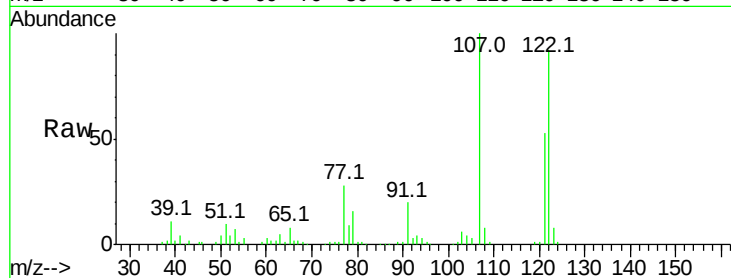
Tot Ion:122 Resp: 200403

Ion Ratio Lower Upper

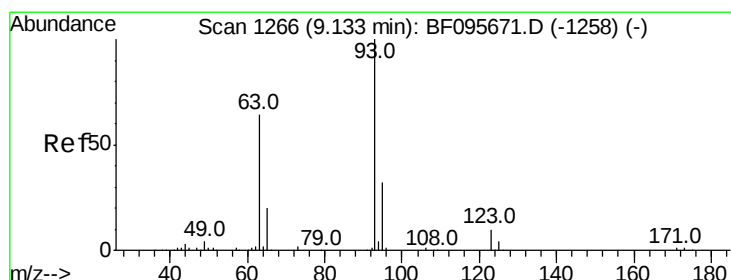
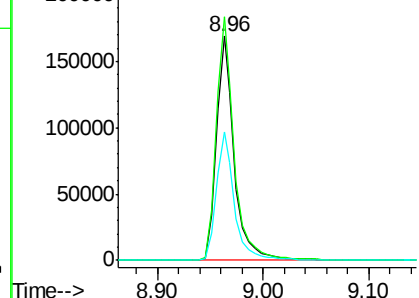
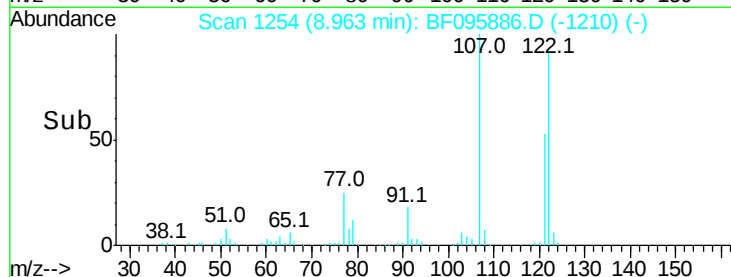
122 100

107 108.7 89.2 133.8

121 57.3 45.2 67.8



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: 45.31 ng

RT: 9.08 min Scan# 1274

Delta R.T. -0.05 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

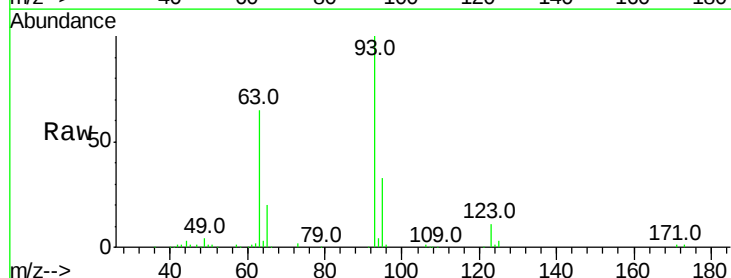
Tgt Ion: 93 Resp: 253577

Ion Ratio Lower Upper

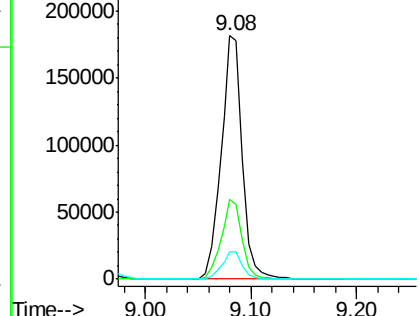
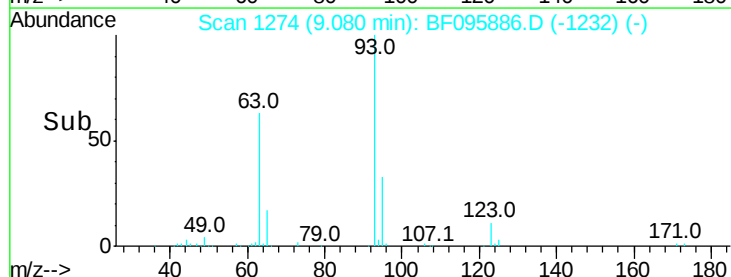
93 100

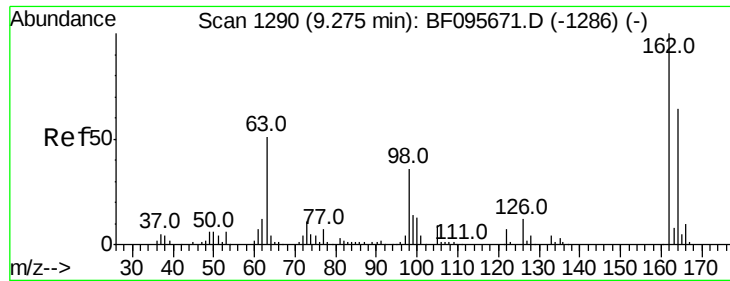
95 32.5 26.5 39.7

123 11.1 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

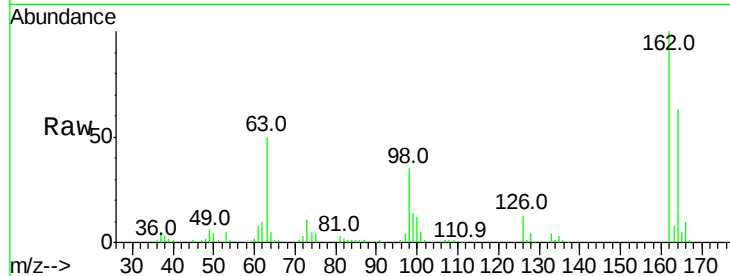




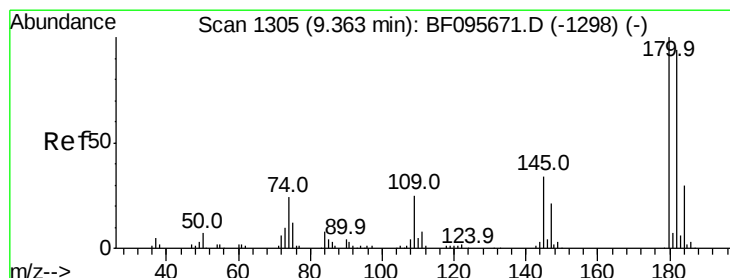
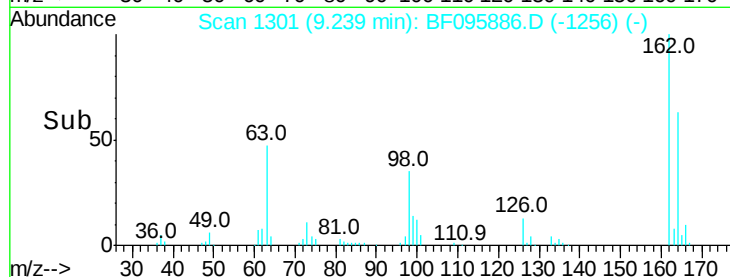
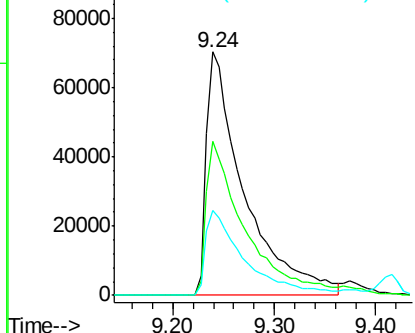
#29
 2,4-Dichlorophenol
 Concen: 47.85 ng
 RT: 9.24 min Scan# 1301
 Delta R.T. -0.04 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	35.0	14.8	54.8

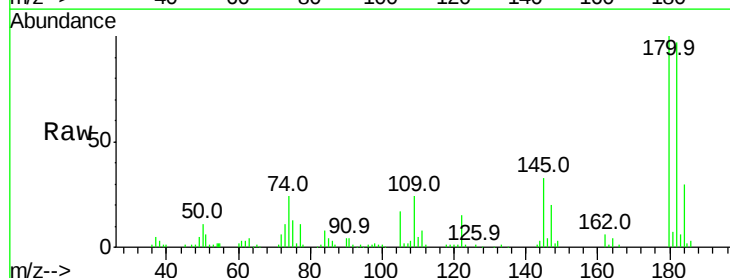


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

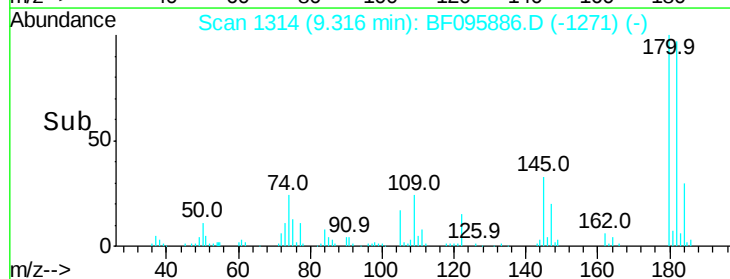
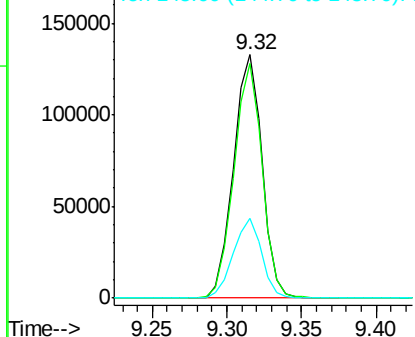


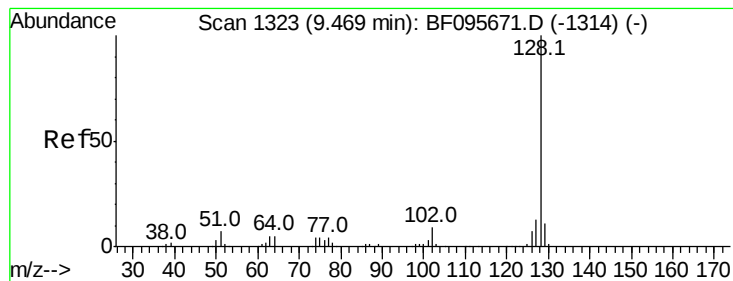
#30
 1,2,4-Trichlorobenzene
 Concen: 44.96 ng
 RT: 9.32 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.8	113.6
145	32.6	25.3	37.9



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: 44.48 ng

RT: 9.42 min Scan# 1331

Delta R.T. -0.05 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Instrument :

BNA_F

ClientSampleId :

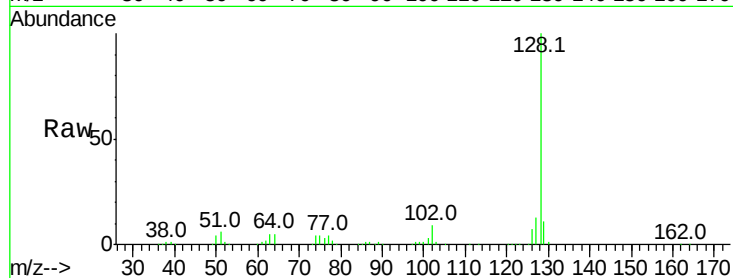
Tot Ion:128 Resp: 630381

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

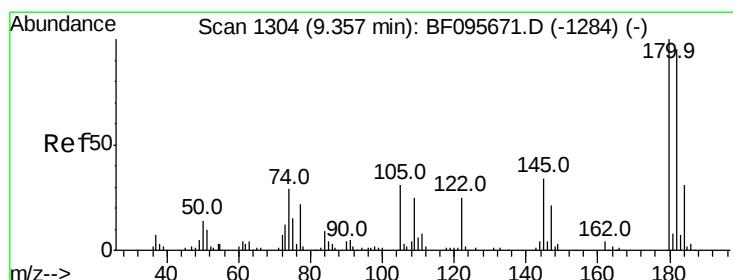
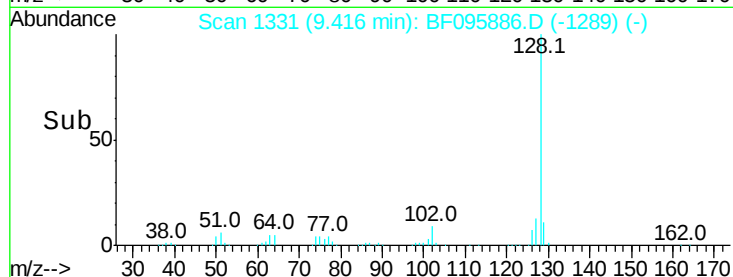
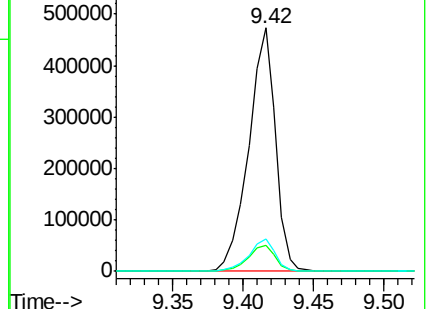
127 13.4 10.8 16.2



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: 42.18 ng

RT: 9.35 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

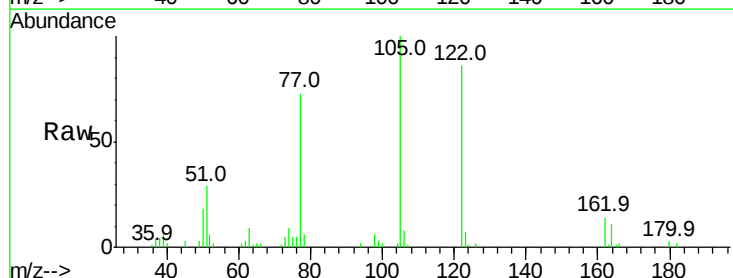
Tgt Ion:122 Resp: 102335

Ion Ratio Lower Upper

122 100

105 116.8 103.3 143.3

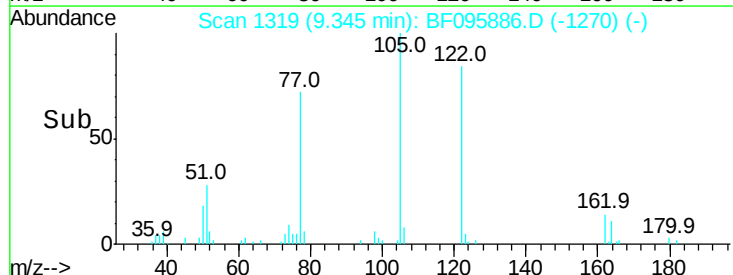
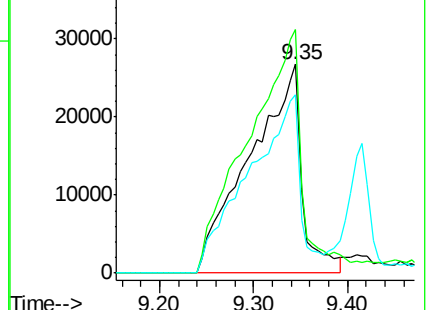
77 85.6 73.7 113.7

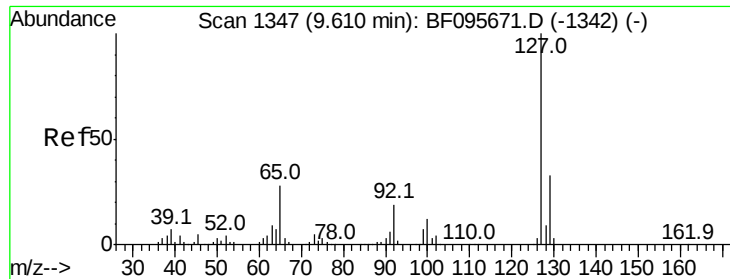


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

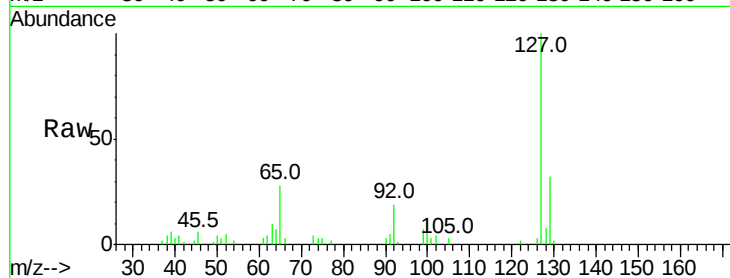




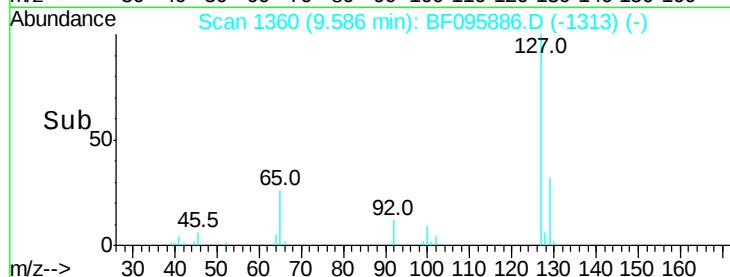
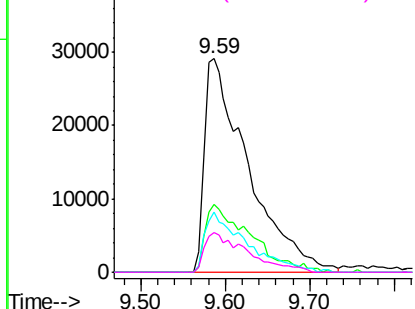
#33
4-Chloroaniline
Concen: 18.95 ng
RT: 9.59 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	104950
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	28.0	27.8	41.8
92	18.5	16.8	25.2

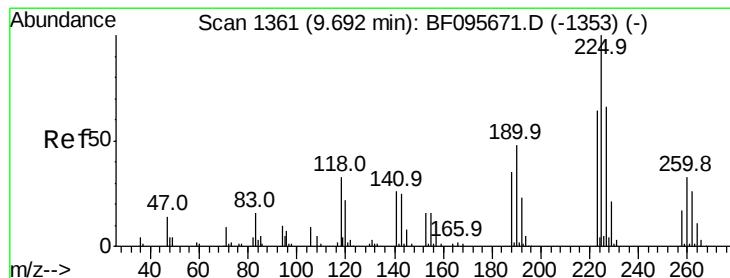


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

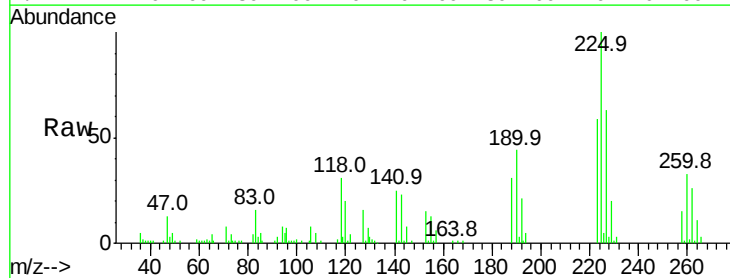
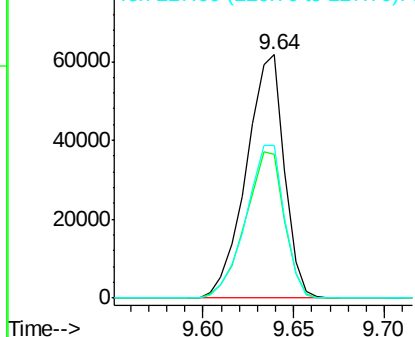


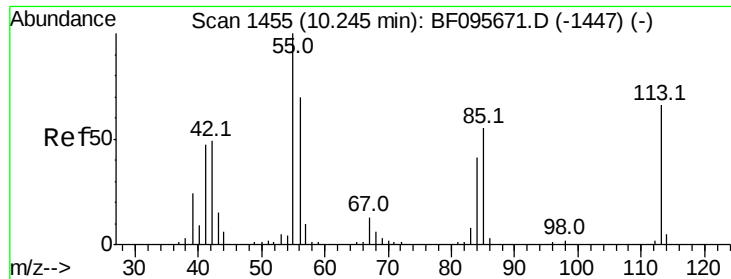
#34
Hexachlorobutadiene
Concen: 44.01 ng
RT: 9.64 min Scan# 1369
Delta R.T. -0.05 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion:	225	Resp:	89954
Ion	Ratio	Lower	Upper
225	100		
223	59.2	48.8	73.2
227	62.5	51.1	76.7



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

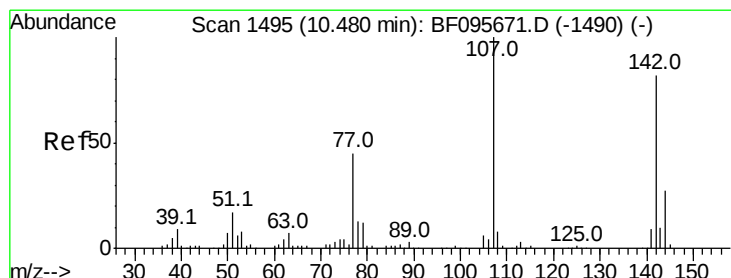
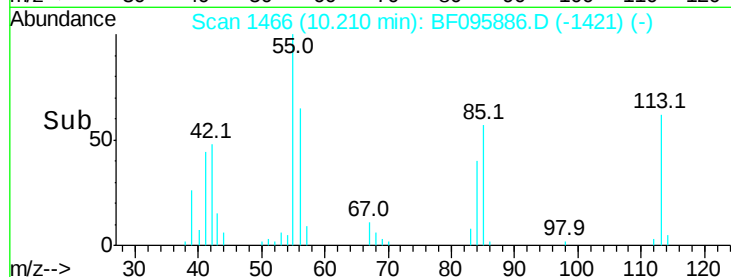
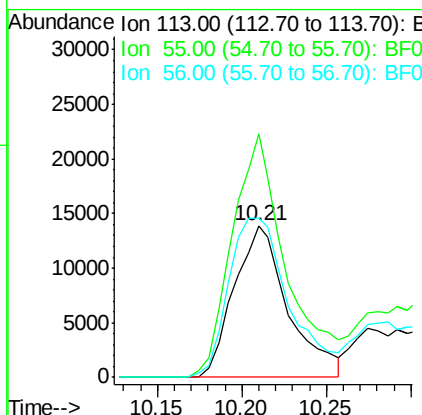
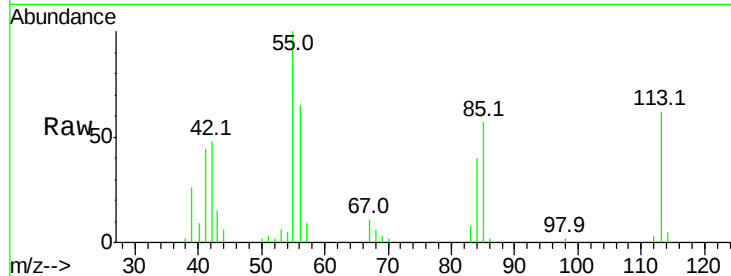




#35
 Caprolactam
 Concen: 27.33 ng
 RT: 10.21 min Scan# 1466
 Delta R.T. -0.04 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

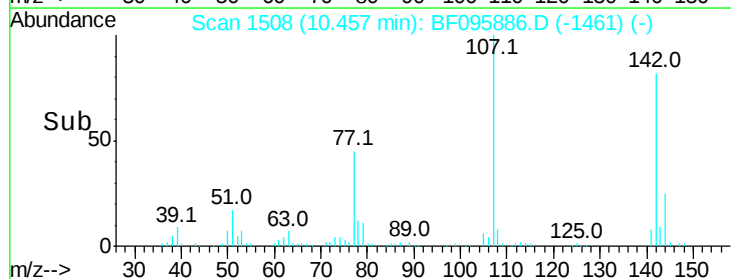
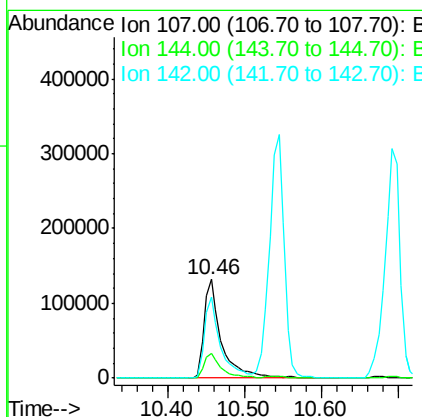
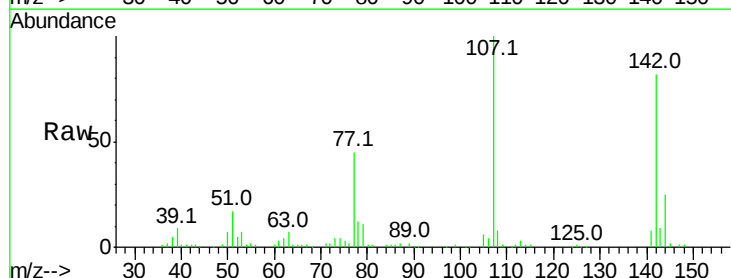
Instrument :
 BNA_F
 ClientSampled :

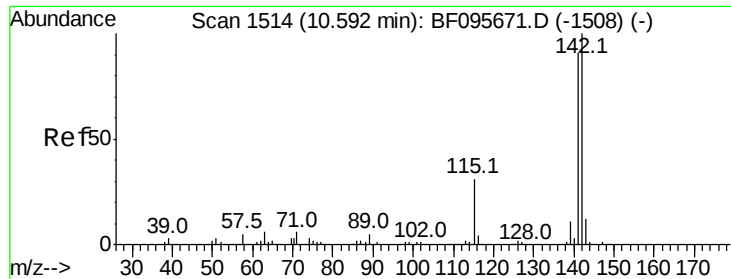
Tot Ion:113 Resp: 30912
 Ion Ratio Lower Upper
 113 100
 55 160.7 150.2 190.2
 56 105.0 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 51.09 ng
 RT: 10.46 min Scan# 1508
 Delta R.T. -0.02 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion:107 Resp: 203317
 Ion Ratio Lower Upper
 107 100
 144 25.4 24.2 36.4
 142 82.2 73.4 110.0

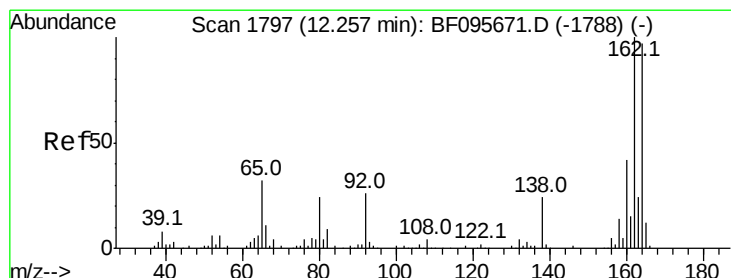
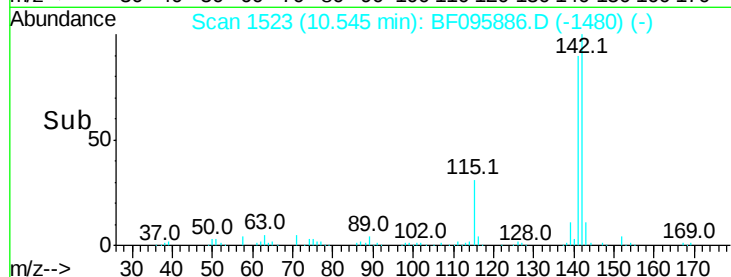
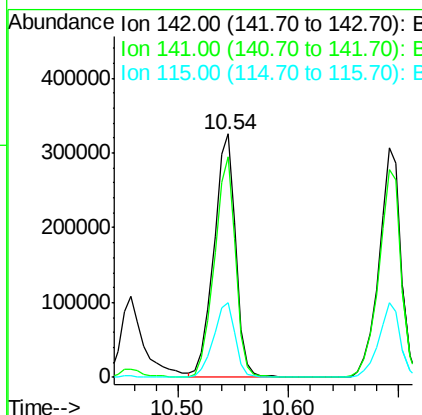
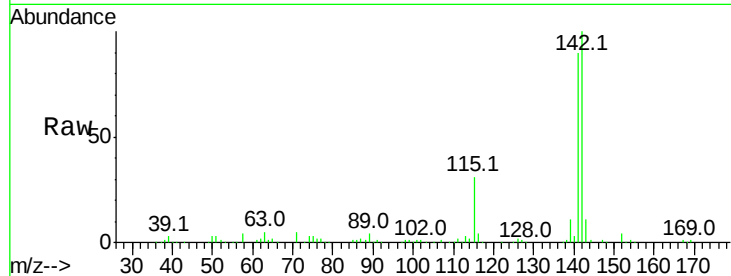




#37
2-Methylnaphthalene
Concen: 46.14 ng
RT: 10.54 min Scan# 1523
Delta R.T. -0.05 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

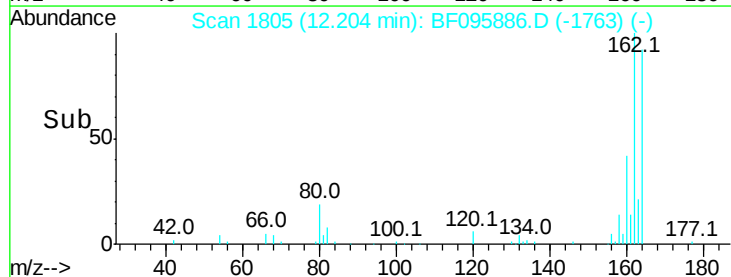
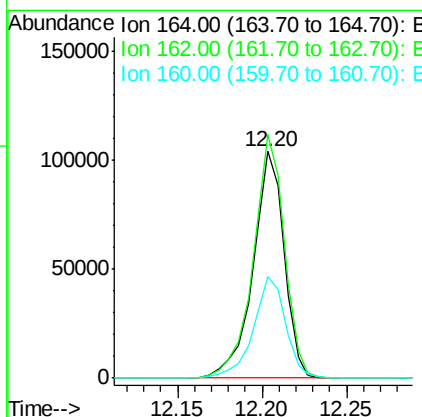
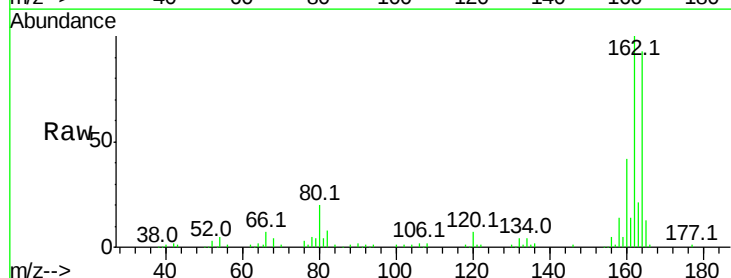
Instrument :
BNA_F
ClientSampled :

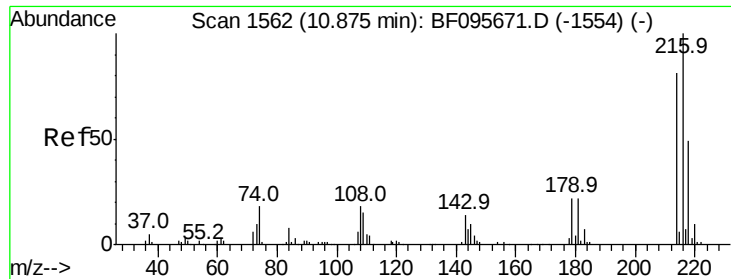
Tot Ion:142 Resp: 441878
Ion Ratio Lower Upper
142 100
141 90.5 71.3 106.9
115 30.7 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.05 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion:164 Resp: 133241
Ion Ratio Lower Upper
164 100
162 107.5 82.6 123.8
160 44.6 36.2 54.2

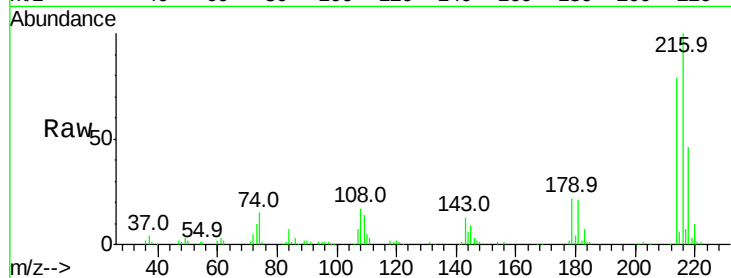




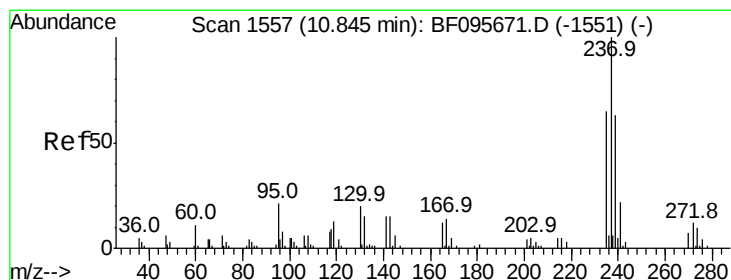
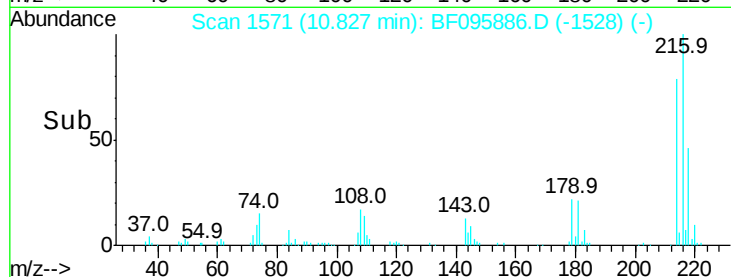
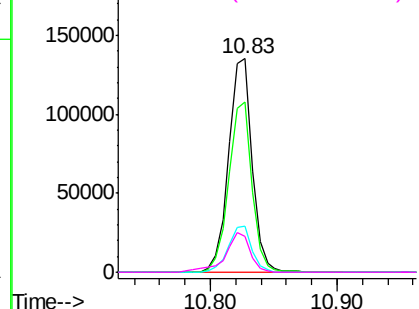
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.49 ng
 RT: 10.83 min Scan# 1571
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	173412
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	21.6	17.9	26.9
108	19.9	16.5	24.7

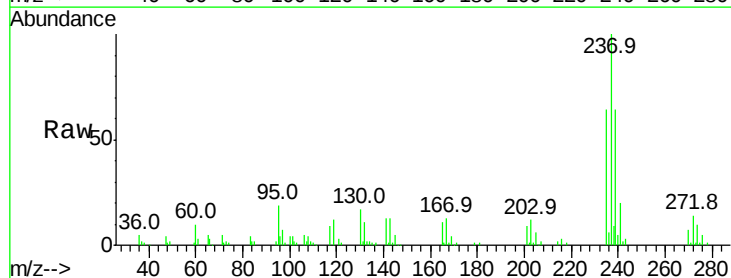


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

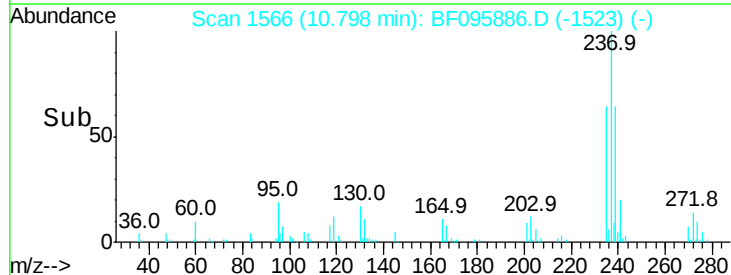
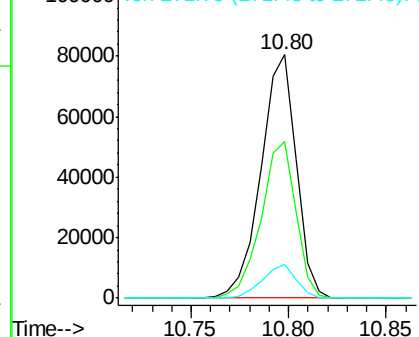


#40
 Hexachlorocyclopentadiene
 Concen: 80.52 ng
 RT: 10.80 min Scan# 1566
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion:	237	Resp:	100749
Ion	Ratio	Lower	Upper
237	100		
235	64.2	42.6	82.6
272	13.9	0.0	31.9



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

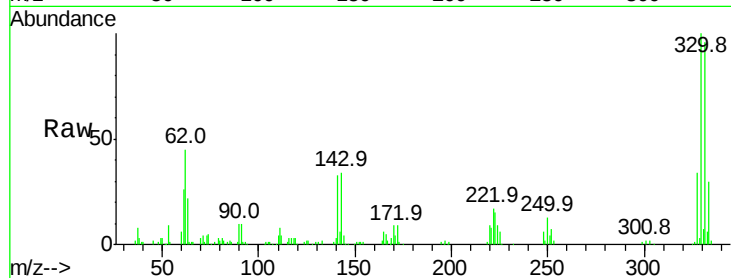




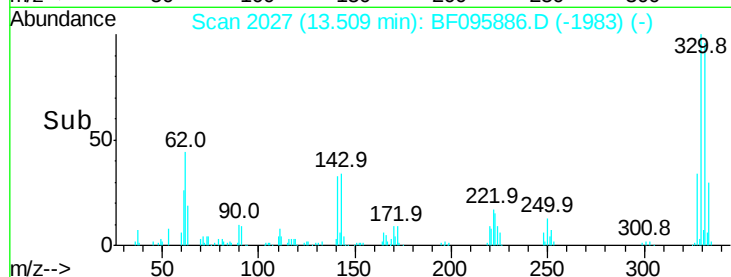
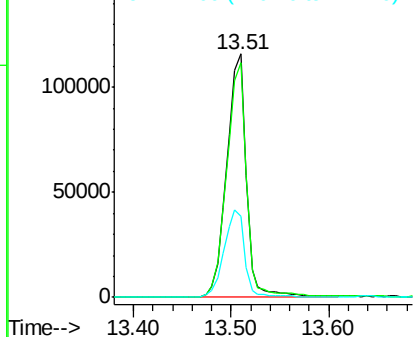
#41
 2,4,6-Tribromophenol
 Concen: 139.57 ng
 RT: 13.51 min Scan# 2027
 Delta R.T. -0.04 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	37.2	31.4	47.2

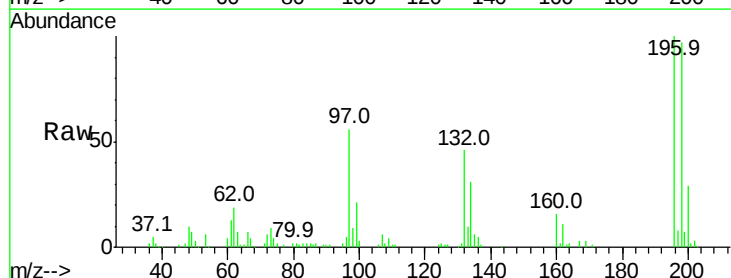


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

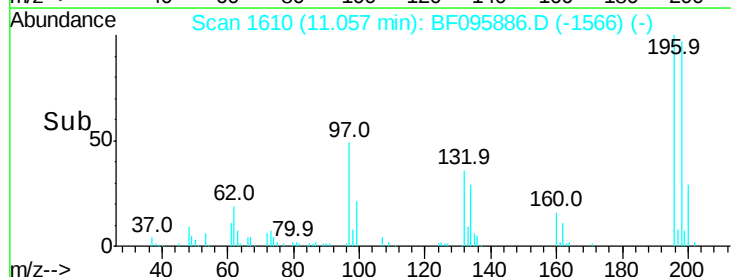
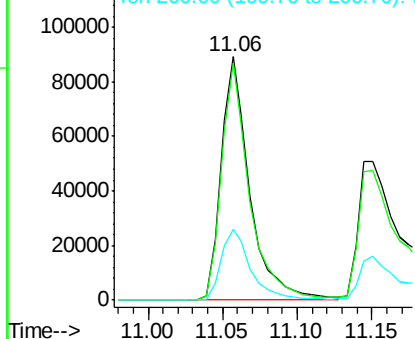


#42
 2,4,6-Trichlorophenol
 Concen: 46.77 ng
 RT: 11.06 min Scan# 1610
 Delta R.T. -0.04 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	74.2	111.4
200	29.3	24.0	36.0



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

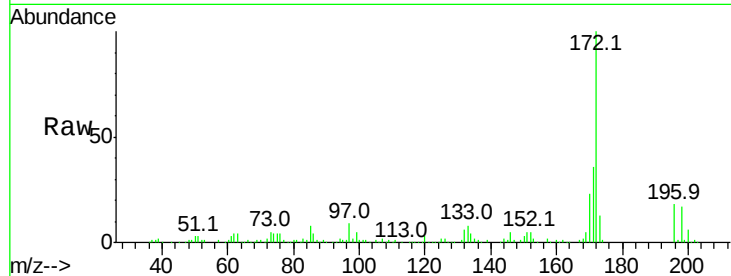




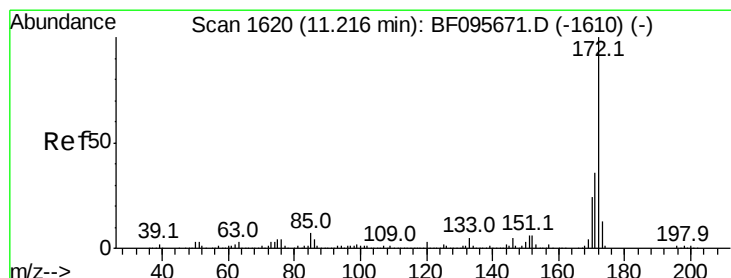
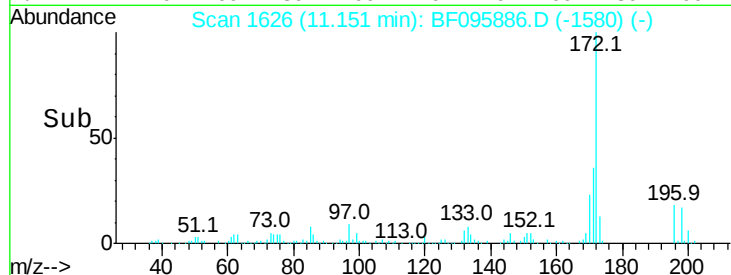
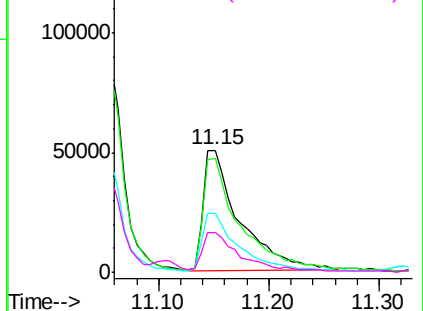
#43
 2,4,5-Trichlorophenol
 Concen: 41.72 ng
 RT: 11.15 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.7	113.5
97	48.6	47.7	71.5
132	32.4	28.0	42.0

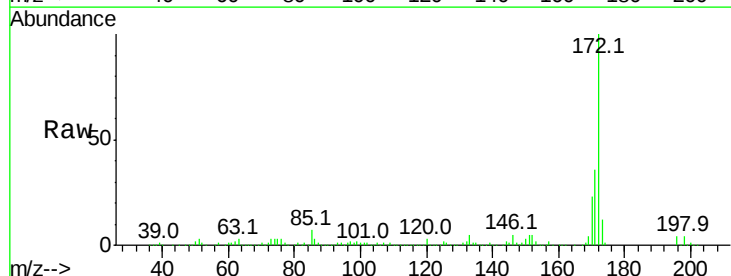


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

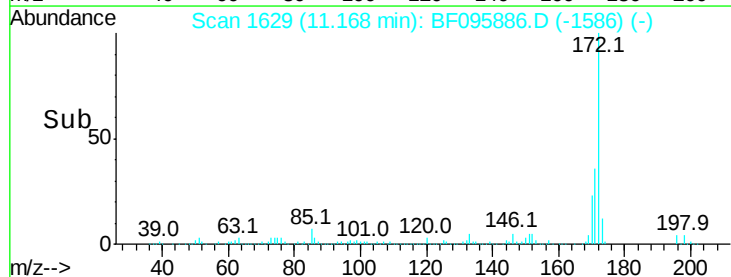
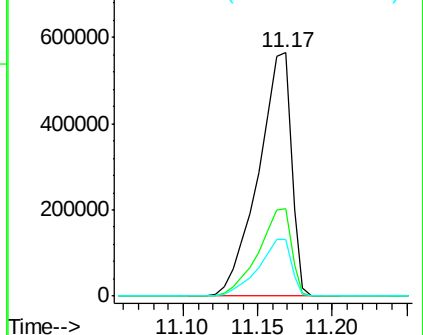


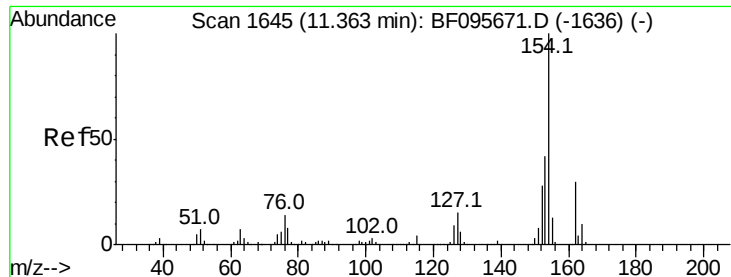
#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 11.17 min Scan# 1629
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.3	19.8	29.8



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

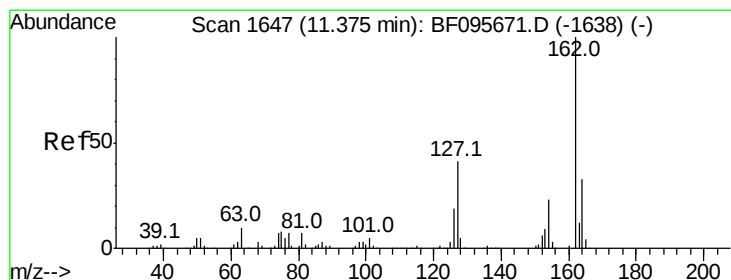
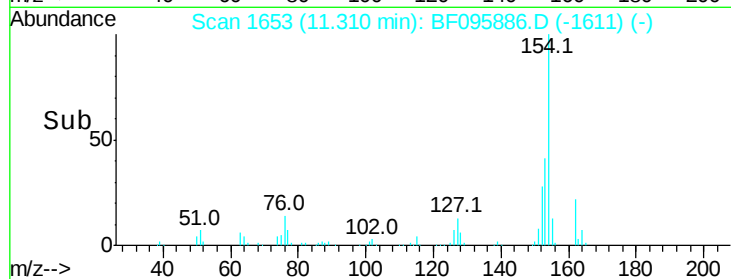
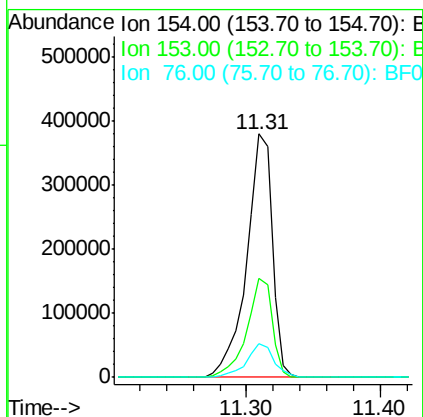
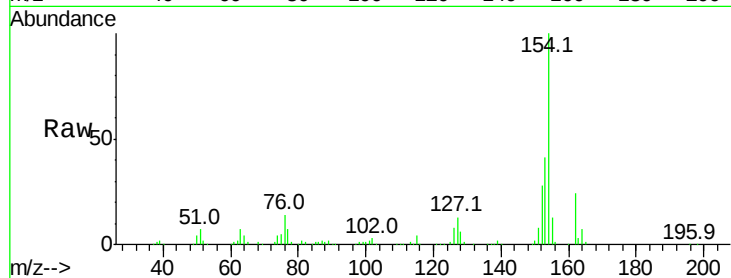




#45
 1,1'-Biphenyl
 Concen: 45.68 ng
 RT: 11.31 min Scan# 1653
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

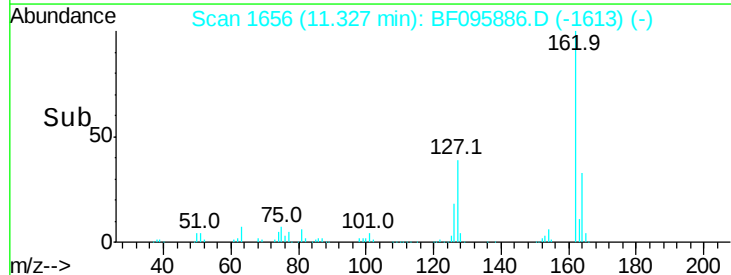
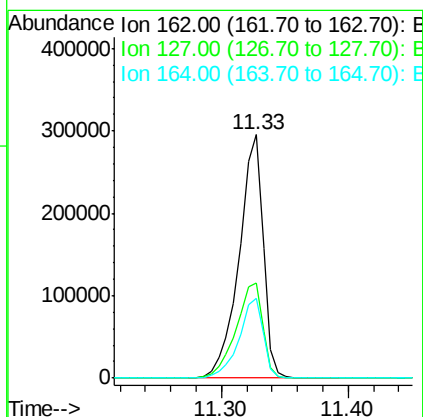
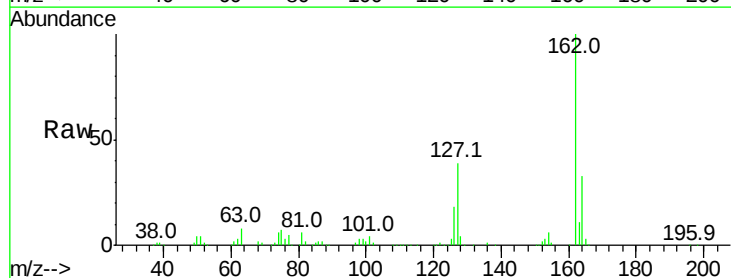
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	14.0	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 45.29 ng
 RT: 11.33 min Scan# 1656
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	28.3	42.5
164	33.0	27.0	40.4

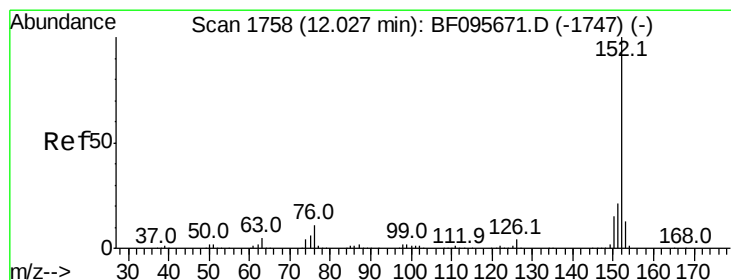
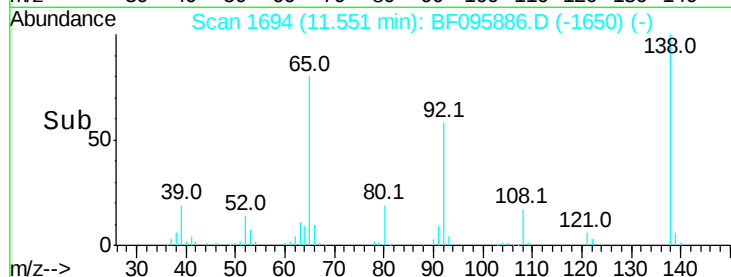
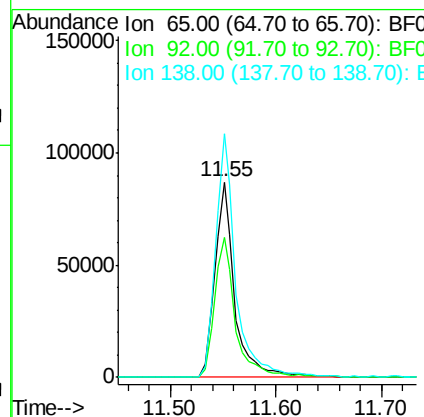
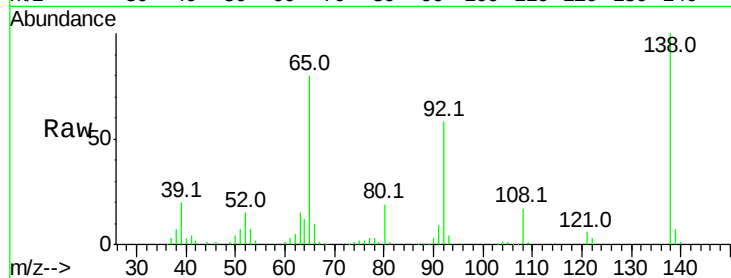




#47
 2-Nitroaniline
 Concen: 46.19 ng
 RT: 11.55 min Scan# 1694
 Delta R.T. -0.04 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

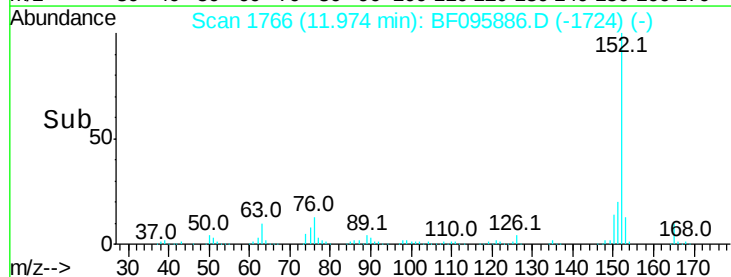
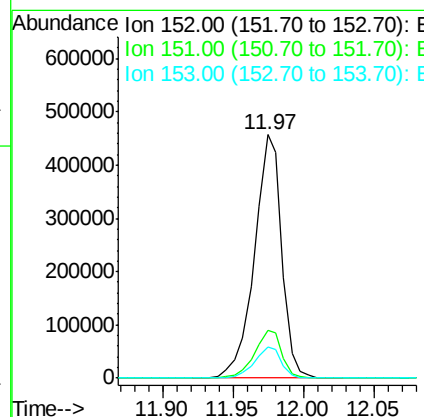
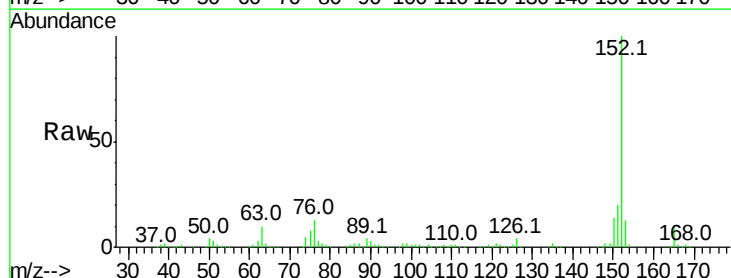
Instrument :
 BNA_F
 ClientSampled :

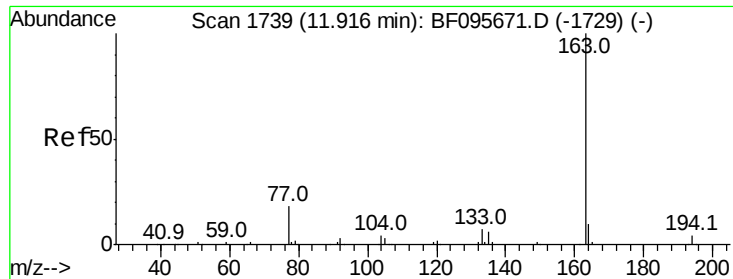
Tot Ion: 65 Resp: 115965
 Ion Ratio Lower Upper
 65 100
 92 71.8 53.9 80.9
 138 124.5 78.8 118.2#



#48
 Acenaphthylene
 Concen: 42.29 ng
 RT: 11.97 min Scan# 1766
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion: 152 Resp: 620450
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 47.14 ng

RT: 11.87 min Scan# 1749

Delta R.T. -0.04 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Instrument :

BNA_F

ClientSampled :

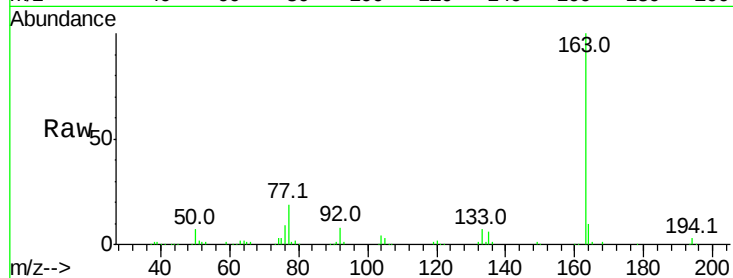
Tot Ion:163 Resp: 476893

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

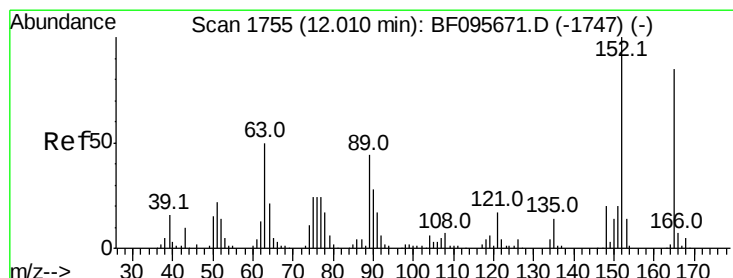
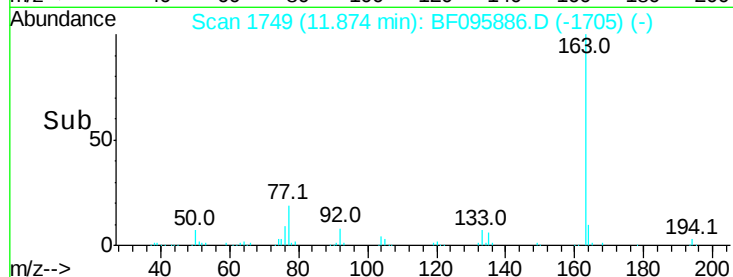
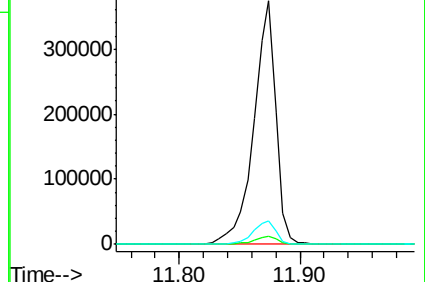
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.92 ng

RT: 11.97 min Scan# 1765

Delta R.T. -0.04 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

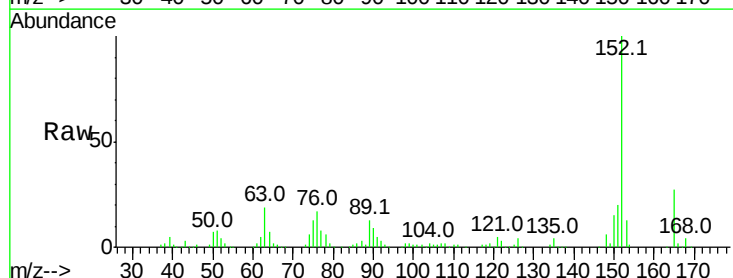
Tgt Ion:165 Resp: 101336

Ion Ratio Lower Upper

165 100

63 69.8 34.3 51.5#

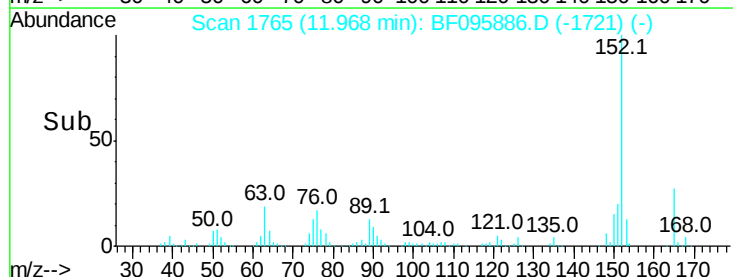
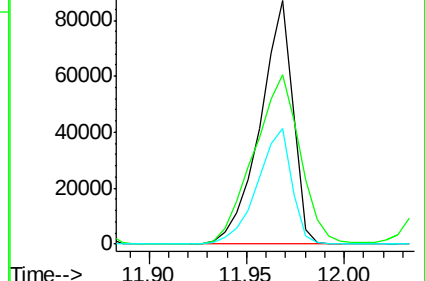
89 47.6 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.51 ng

RT: 12.26 min Scan# 1815

Delta R.T. -0.05 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Instrument :

BNA_F

ClientSampleId :

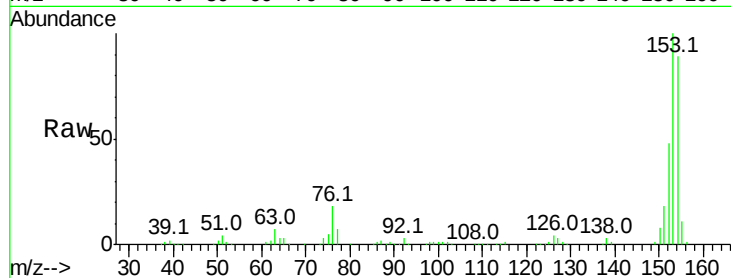
Tot Ion:154 Resp: 368733

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

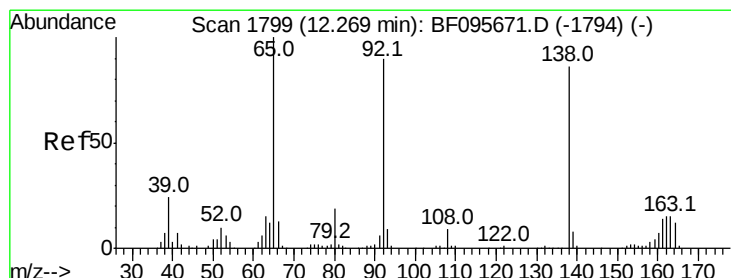
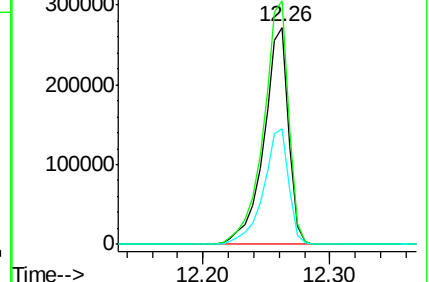
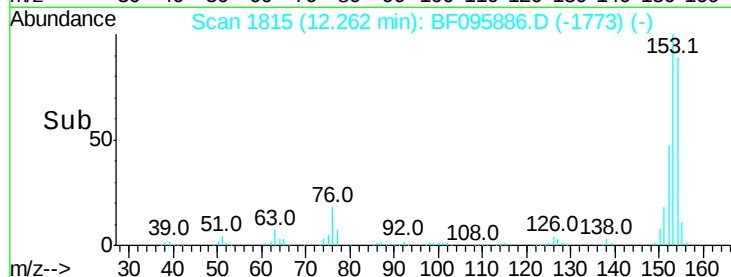
152 53.3 43.6 65.4



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: 28.55 ng

RT: 12.23 min Scan# 1810

Delta R.T. -0.04 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

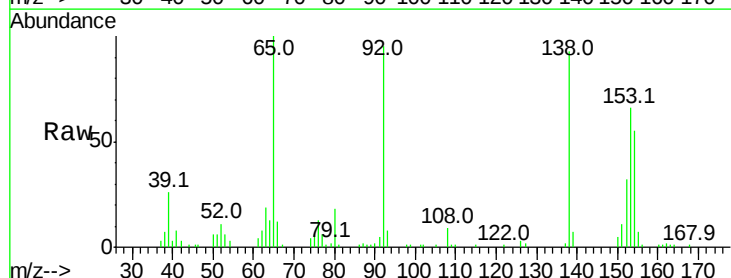
Tgt Ion:138 Resp: 73387

Ion Ratio Lower Upper

138 100

108 9.9 9.1 13.7

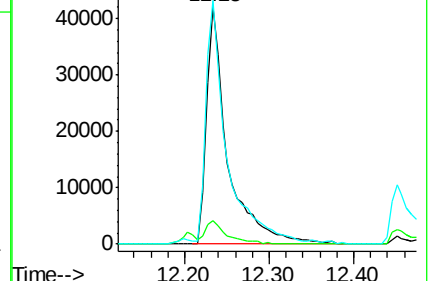
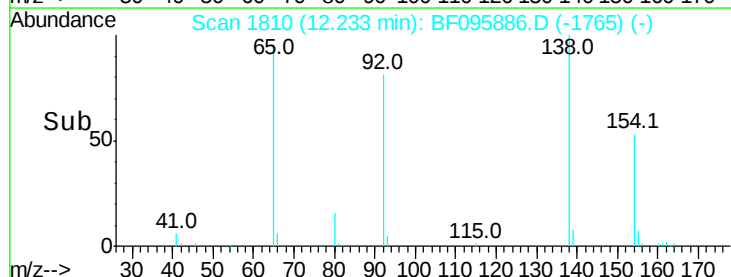
92 102.4 93.8 140.6

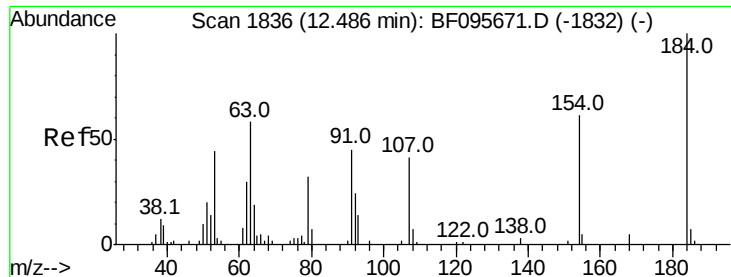


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

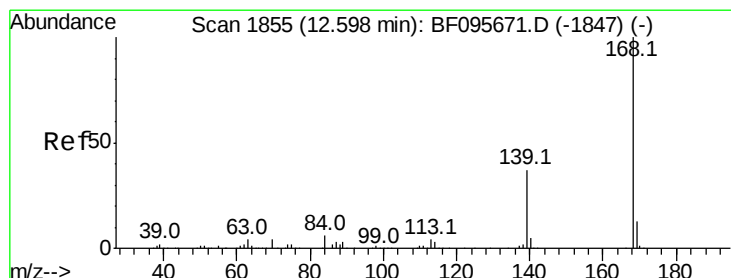
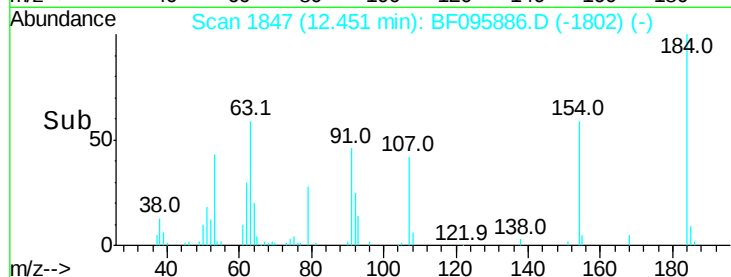
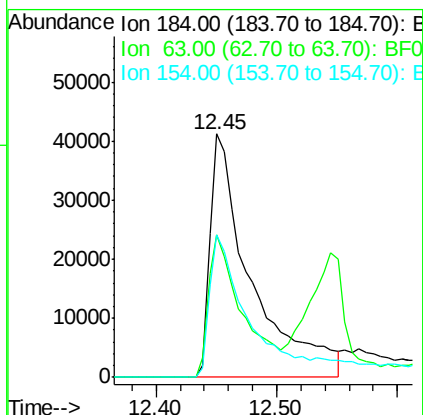
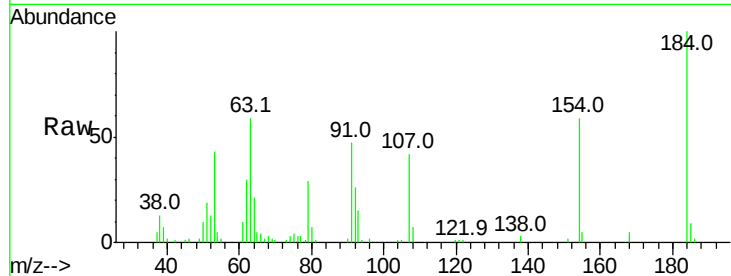




#53
 2,4-Dinitrophenol
 Concen: 77.48 ng
 RT: 12.45 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

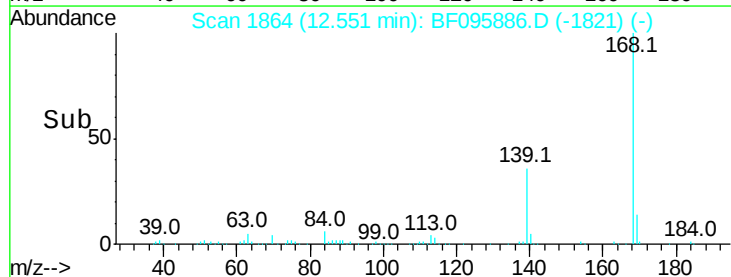
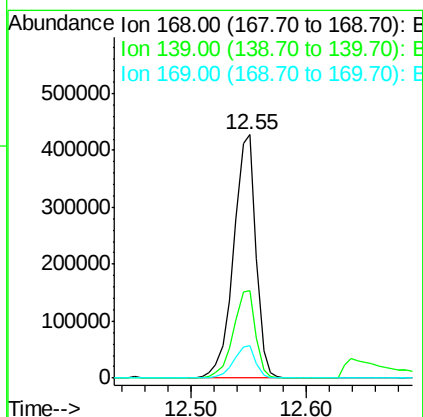
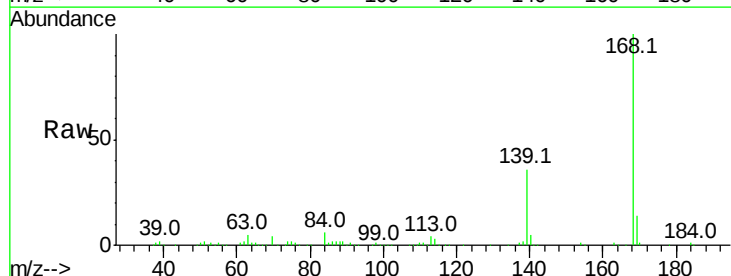
Instrument :
 BNA_F
 ClientSampleId :

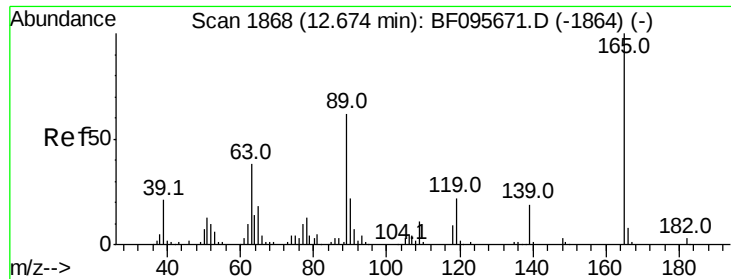
Tot Ion:184 Resp: 96523
 Ion Ratio Lower Upper
 184 100
 63 58.5 62.7 94.1#
 154 58.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 48.07 ng
 RT: 12.55 min Scan# 1864
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion:168 Resp: 573255
 Ion Ratio Lower Upper
 168 100
 139 36.0 30.6 45.8
 169 13.5 10.8 16.2

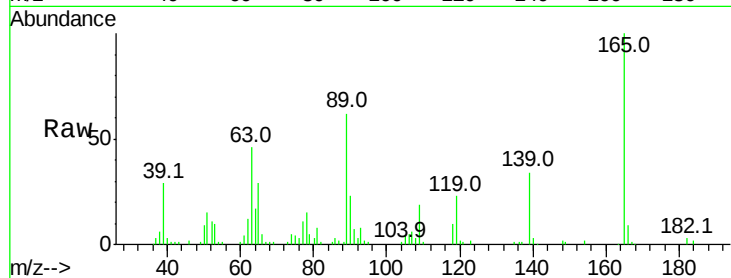




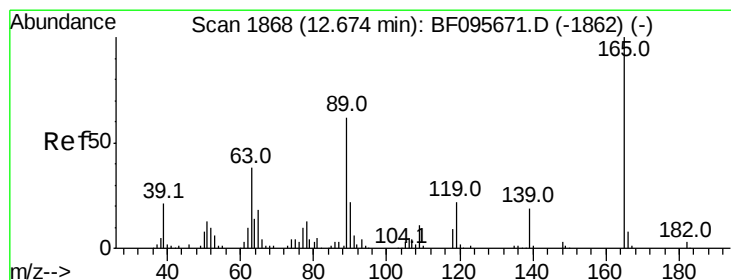
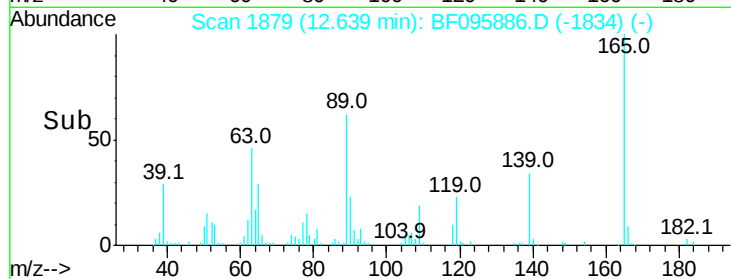
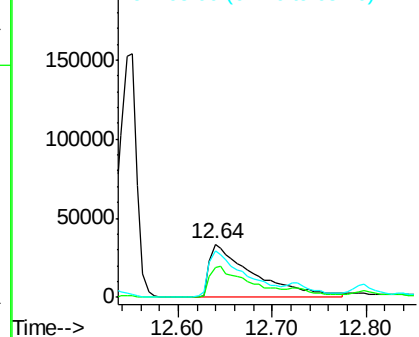
#55
4-Nitrophenol
Concen: 73.83 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 110262
Ion Ratio Lower Upper
139 100
109 55.3 34.1 74.1
65 87.0 31.4 71.4#



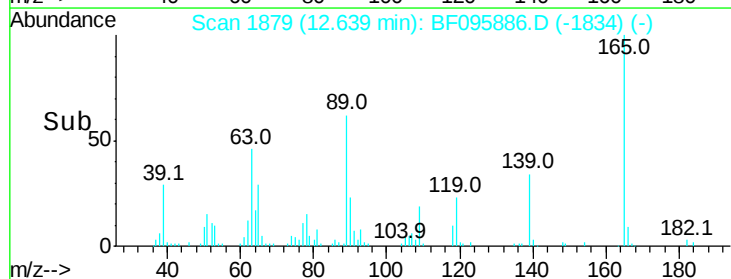
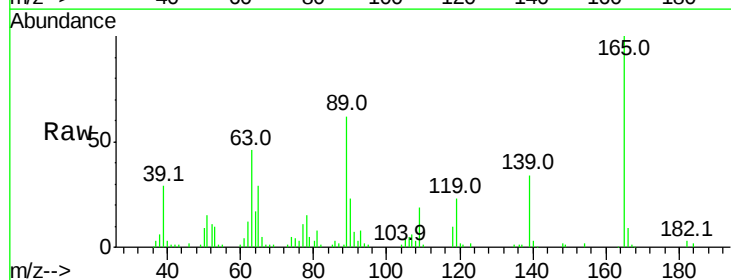
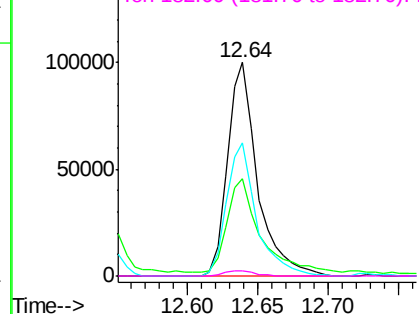
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

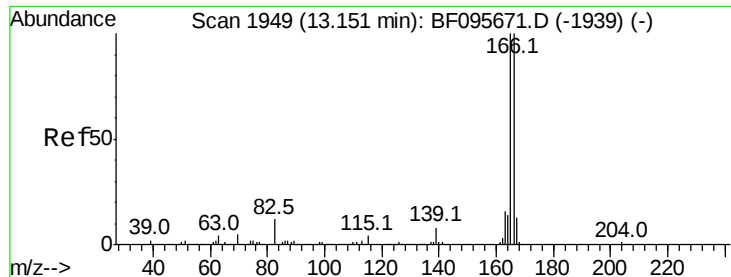


#56
2,4-Dinitrotoluene
Concen: 49.31 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion:165 Resp: 146963
Ion Ratio Lower Upper
165 100
63 45.6 25.4 38.0#
89 62.5 46.4 69.6
182 2.6 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.80 ng

RT: 13.10 min Scan# 1957

Delta R.T. -0.05 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Instrument :

BNA_F

ClientSampleId :

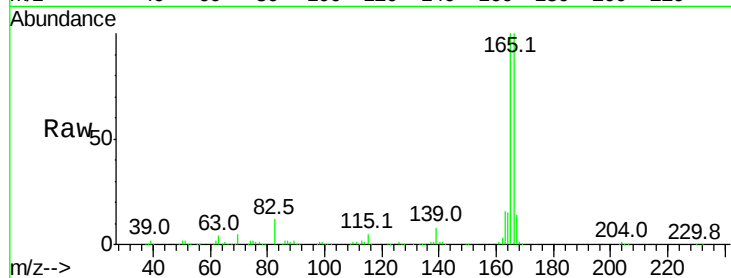
Tot Ion:166 Resp: 464950

Ion Ratio Lower Upper

166 100

165 100.0 78.8 118.2

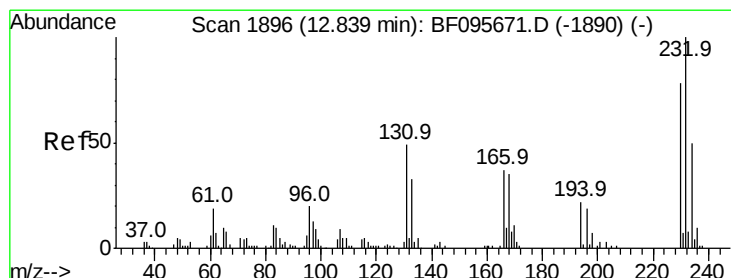
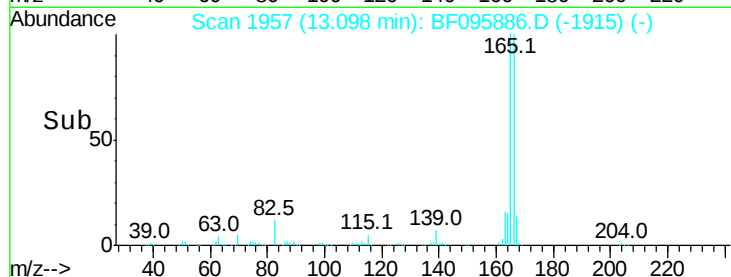
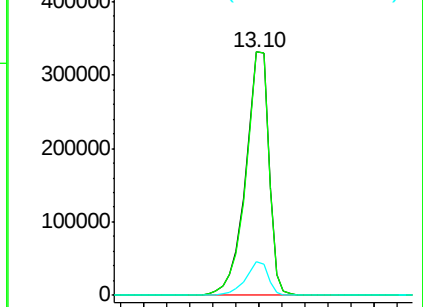
167 13.9 10.6 16.0



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: 51.37 ng

RT: 12.80 min Scan# 1906

Delta R.T. -0.04 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Tgt Ion:232 Resp: 95858

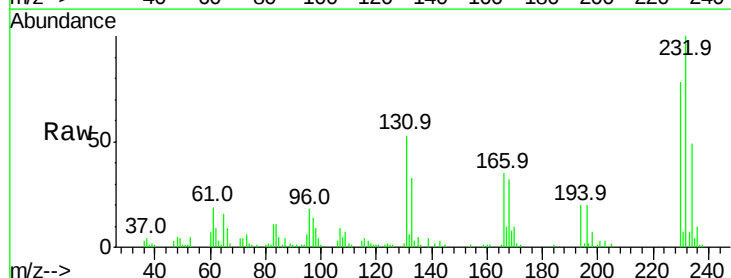
Ion Ratio Lower Upper

232 100

131 51.3 44.8 67.2

130 1.9 2.3 3.5#

166 35.1 29.0 43.4

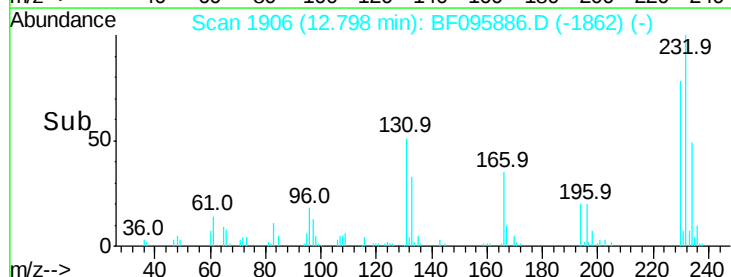
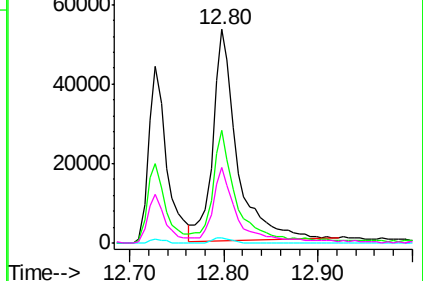


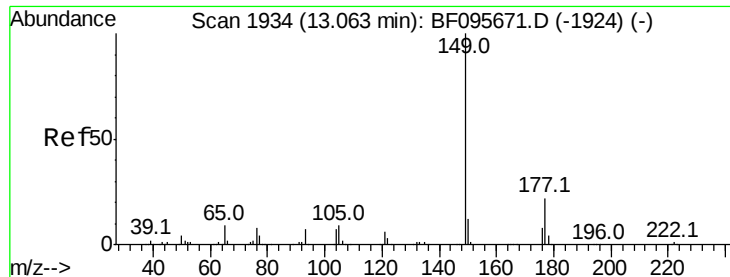
Abundance Ion 232.00 (231.70 to 232.70): E

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

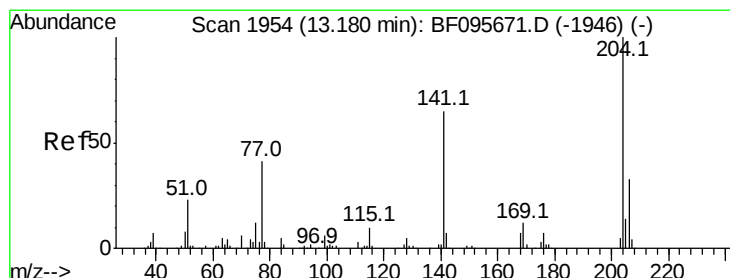
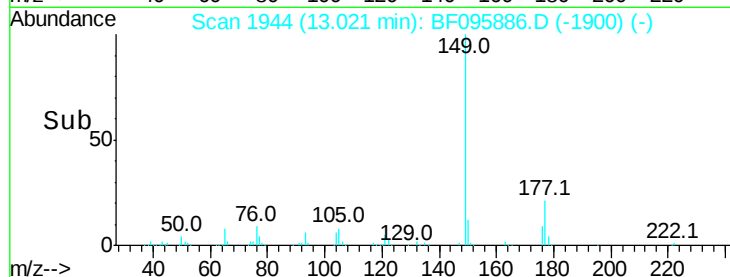
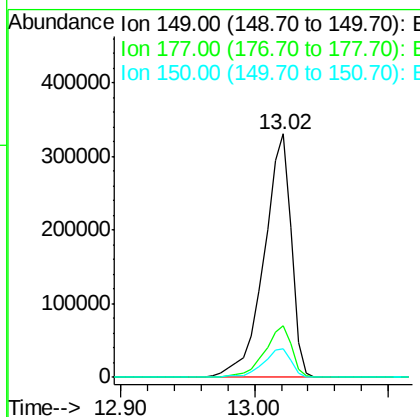
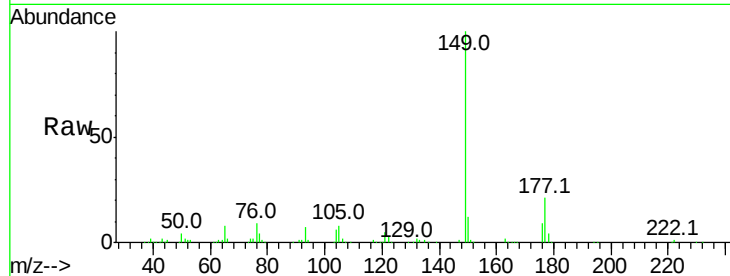




#59
Diethylphthalate
Concen: 47.96 ng
RT: 13.02 min Scan# 1944
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

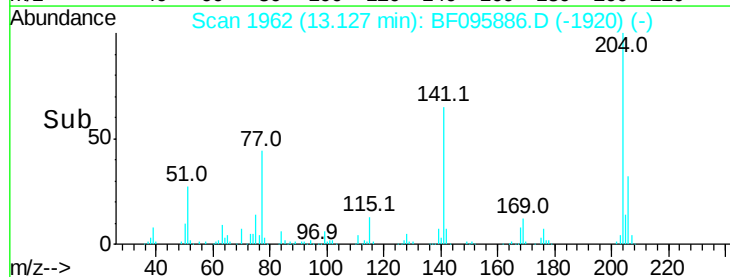
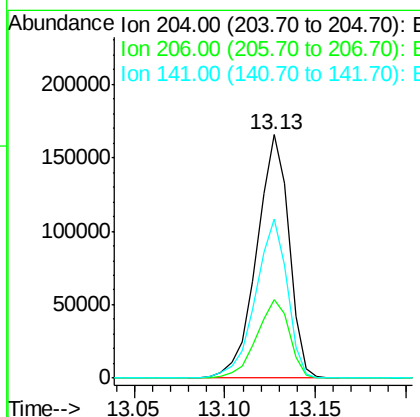
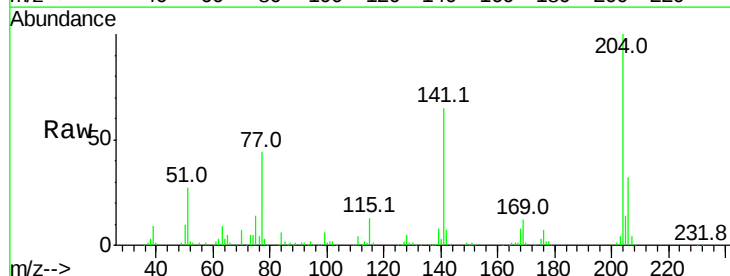
Instrument :
BNA_F
ClientSampleId :

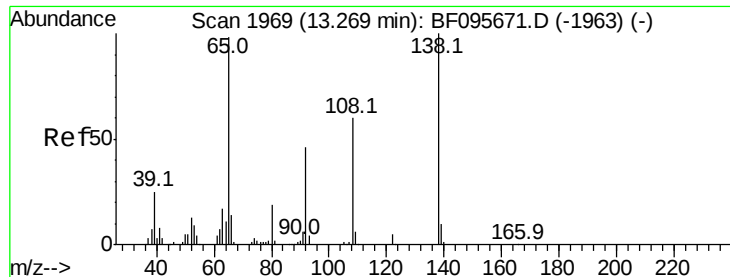
Tot Ion:149 Resp: 466921
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.44 ng
RT: 13.13 min Scan# 1962
Delta R.T. -0.05 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion:204 Resp: 205071
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 65.4 60.8 91.2

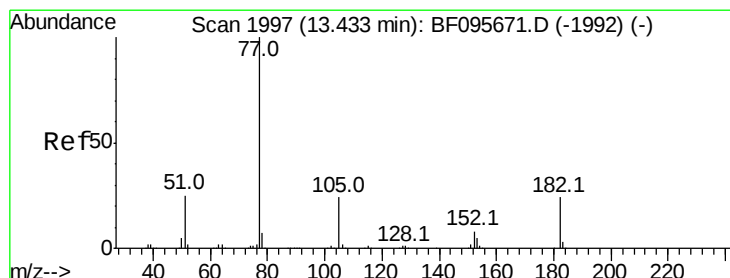
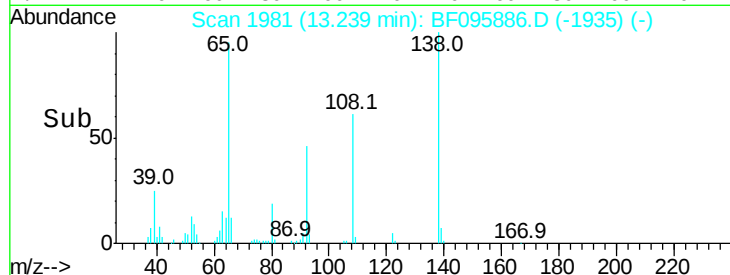
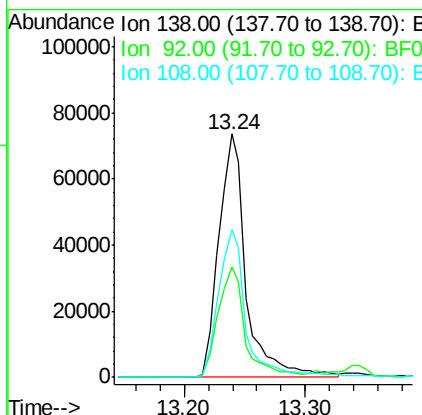
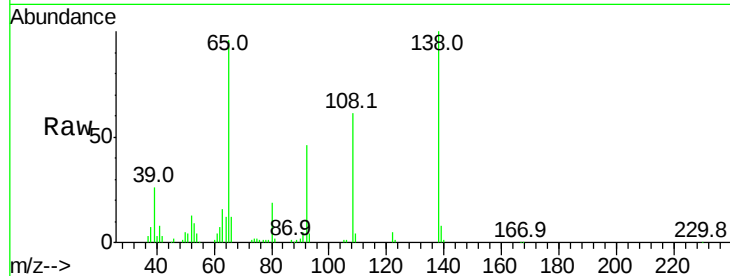




#61
4-Nitroaniline
Concen: 47.70 ng
RT: 13.24 min Scan# 1981
Delta R.T. -0.03 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

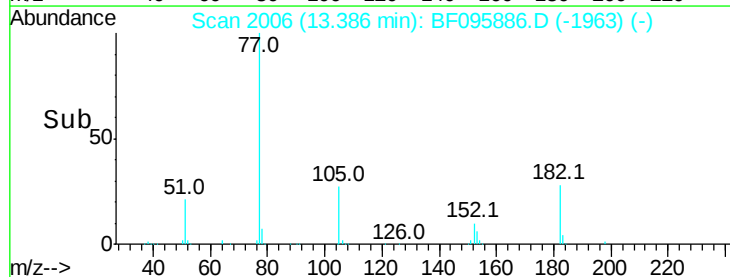
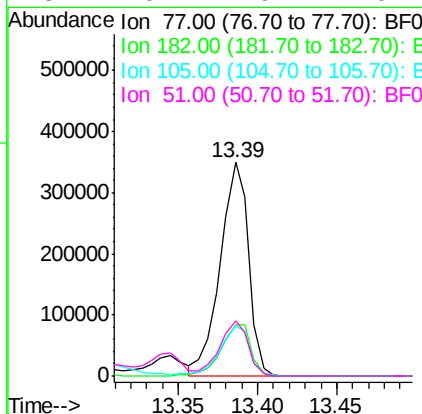
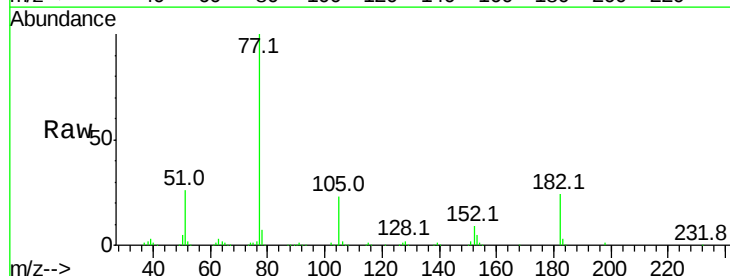
Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 114505
Ion Ratio Lower Upper
138 100
92 45.5 21.8 61.8
108 60.6 42.3 82.3



#62
Azobenzene
Concen: 49.27 ng
RT: 13.39 min Scan# 2006
Delta R.T. -0.05 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion: 77 Resp: 434770
Ion Ratio Lower Upper
77 100
182 24.0 0.1 40.1
105 23.5 3.6 43.6
51 26.1 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 2212

Delta R.T. -0.05 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Instrument :

BNA_F

ClientSampleId :

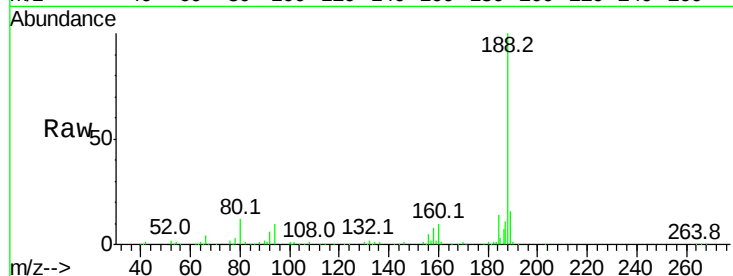
Tot Ion:188 Resp: 246334

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

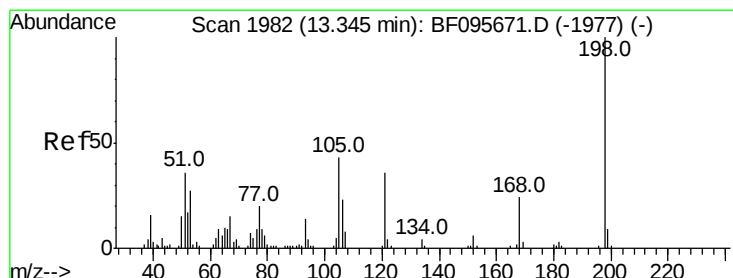
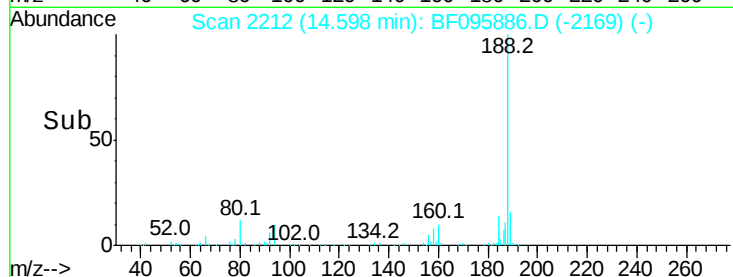
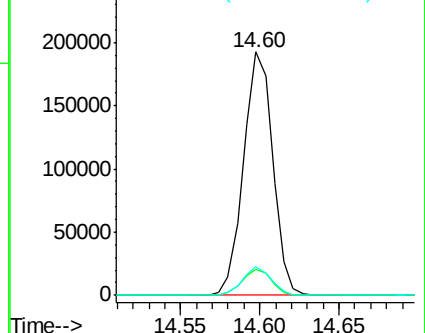
80 11.9 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.03 ng

RT: 13.31 min Scan# 1993

Delta R.T. -0.04 min

Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

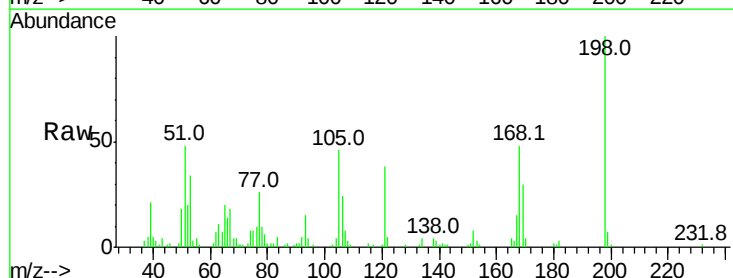
Tgt Ion:198 Resp: 71299

Ion Ratio Lower Upper

198 100

51 47.5 53.2 93.2#

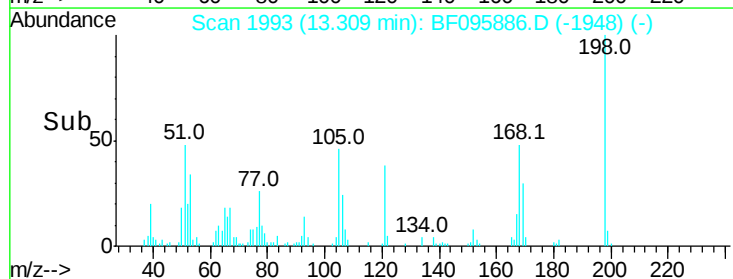
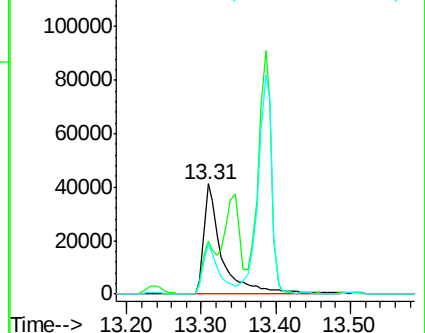
105 45.8 45.8 85.8

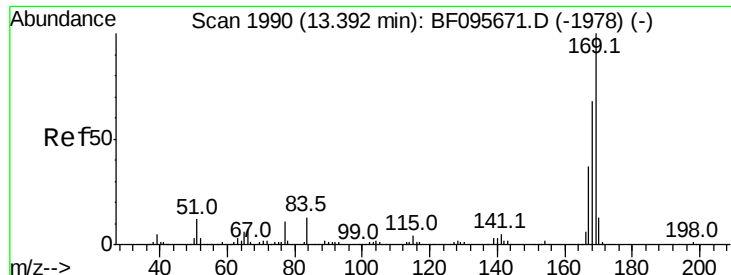


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

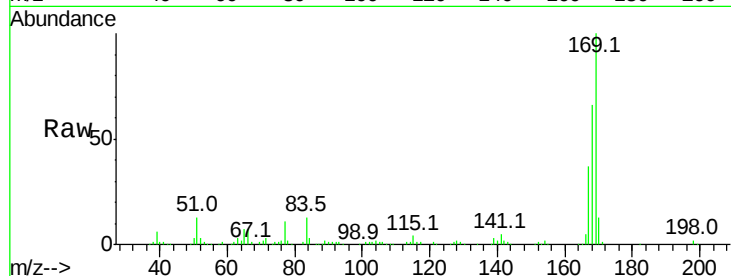




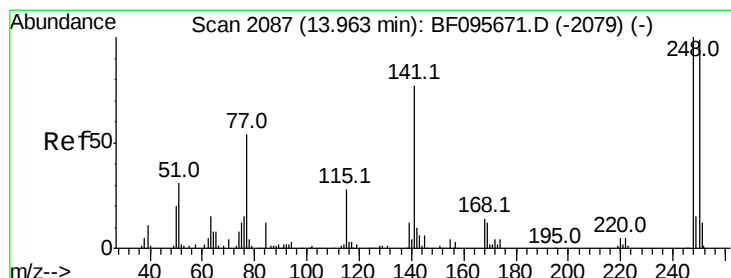
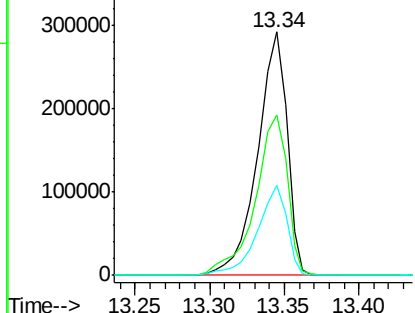
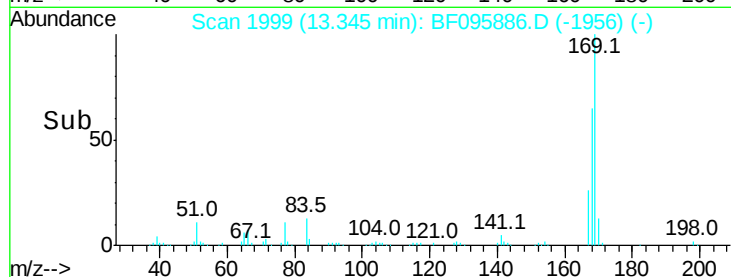
#65
 n-Nitrosodiphenylamine
 Concen: 44.98 ng
 RT: 13.34 min Scan# 1999
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.2	79.8
167	36.9	29.5	44.3

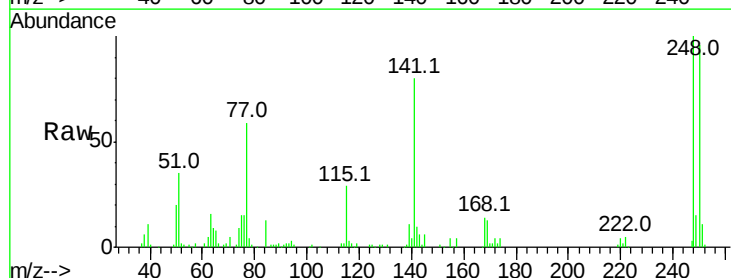


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

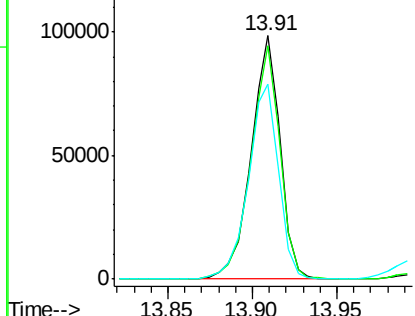
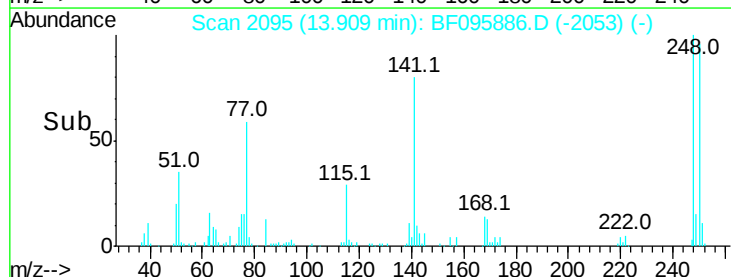


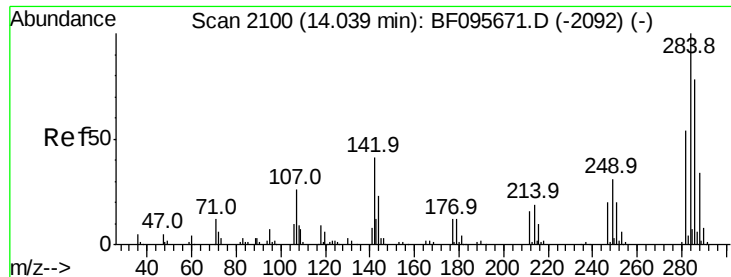
#66
 4-Bromophenyl-phenylether
 Concen: 46.02 ng
 RT: 13.91 min Scan# 2095
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.8	115.2
141	80.1	68.6	103.0



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

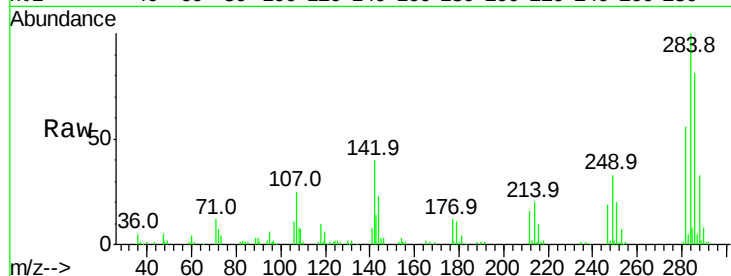




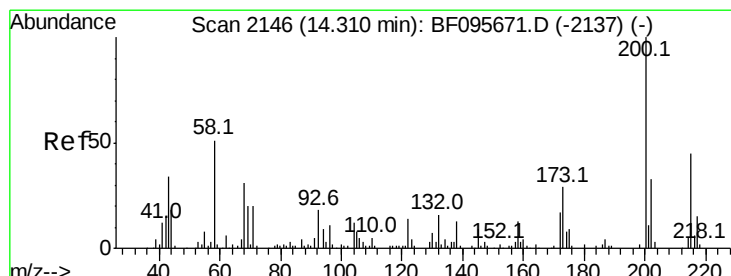
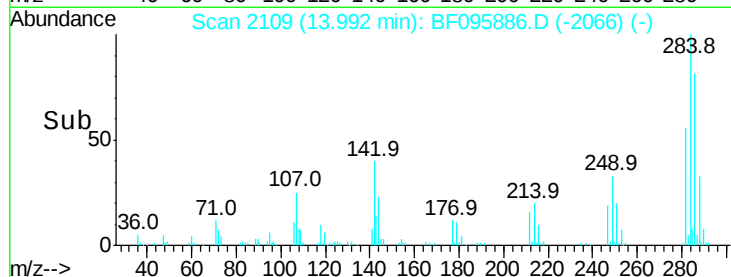
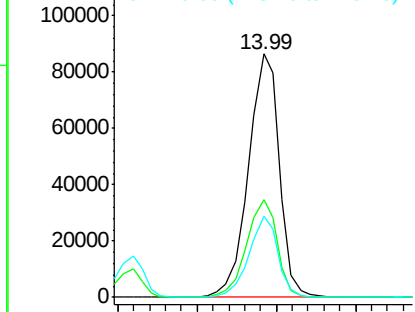
#67
Hexachlorobenzene
Concen: 46.39 ng
RT: 13.99 min Scan# 2109
Delta R.T. -0.05 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 117022
Ion Ratio Lower Upper
284 100
142 40.3 22.8 34.2#
249 33.1 24.0 36.0

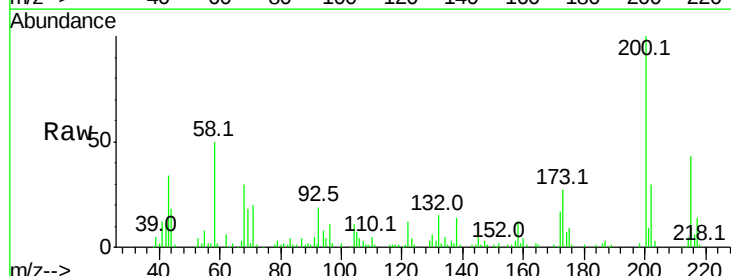


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

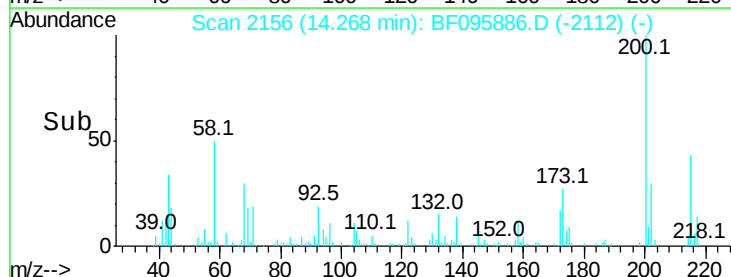
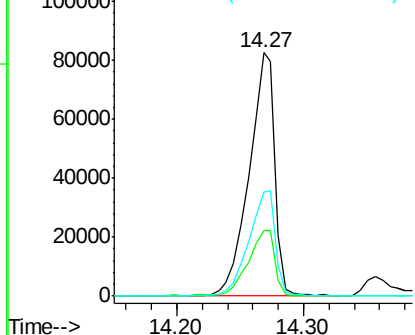


#68
Atrazine
Concen: 47.49 ng
RT: 14.27 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion:200 Resp: 116984
Ion Ratio Lower Upper
200 100
173 27.0 6.3 46.3
215 42.7 27.2 67.2



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

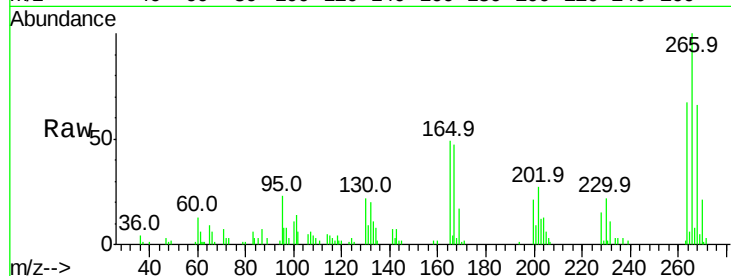




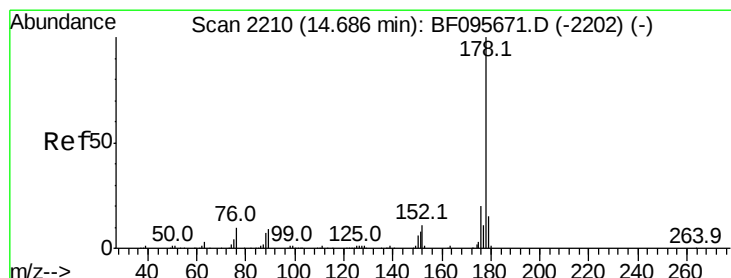
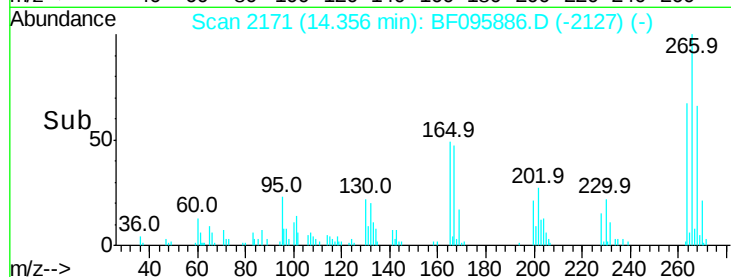
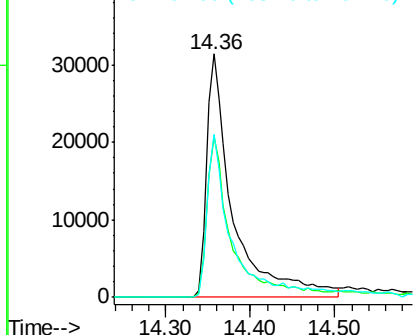
#69
 Pentachlorophenol
 Concen: 71.95 ng
 RT: 14.36 min Scan# 2171
 Delta R.T. -0.04 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 68126
 Ion Ratio Lower Upper
 266 100
 268 65.9 51.1 76.7
 264 67.1 51.7 77.5

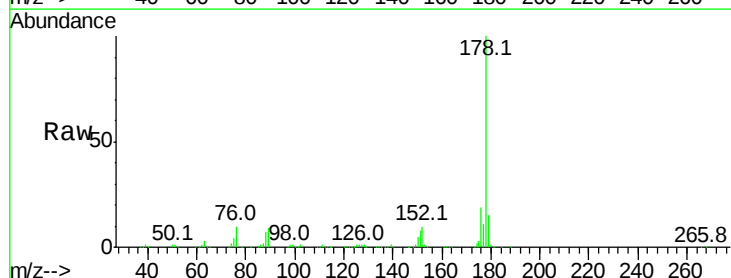


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

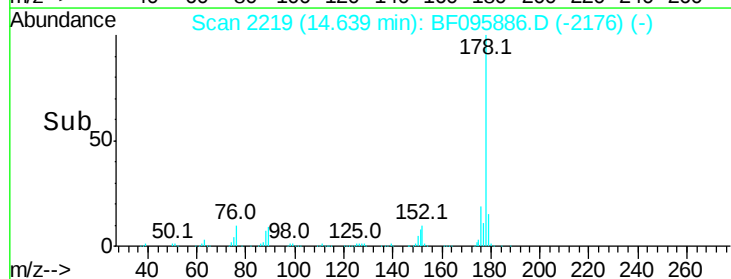
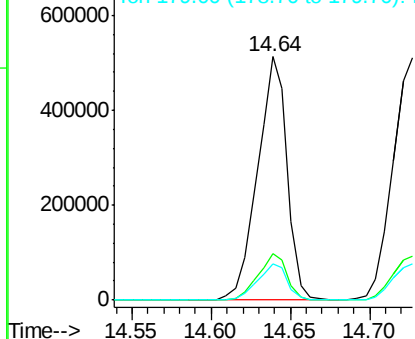


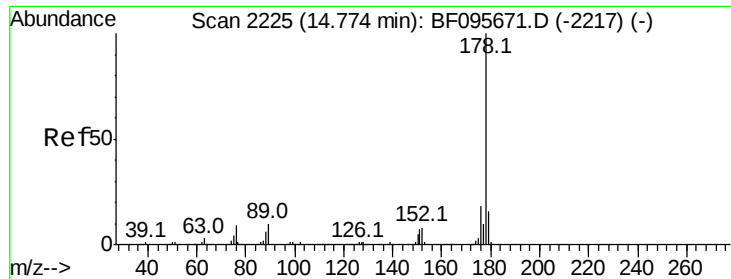
#70
 Phenanthrene
 Concen: 46.75 ng
 RT: 14.64 min Scan# 2219
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion:178 Resp: 664442
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.0 12.6 19.0



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

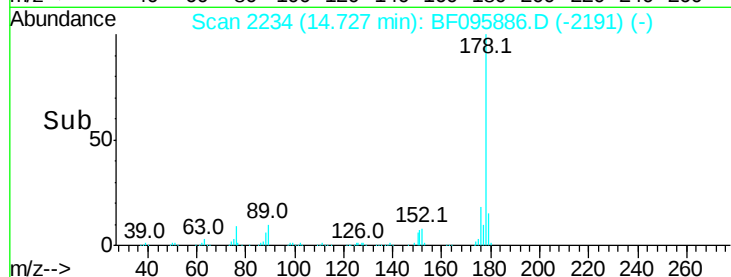
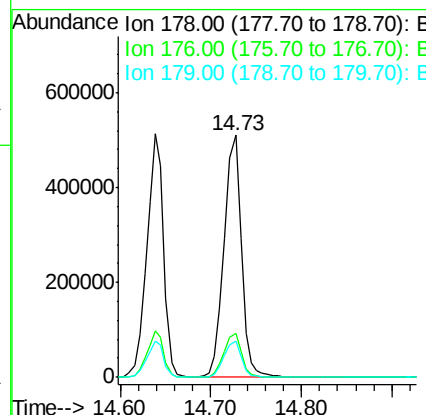
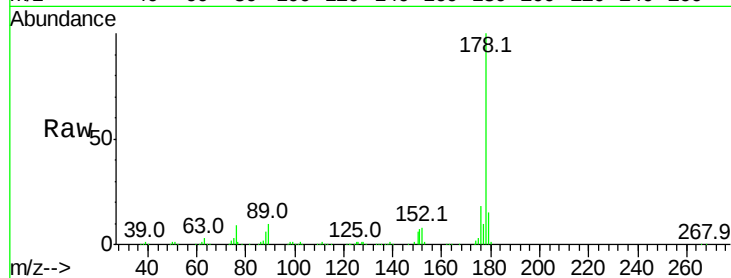




#71
 Anthracene
 Concen: 45.79 ng
 RT: 14.73 min Scan# 2234
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

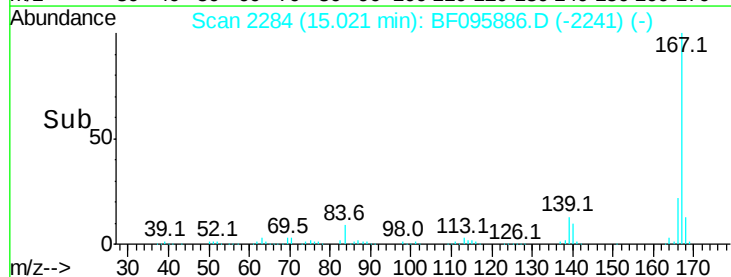
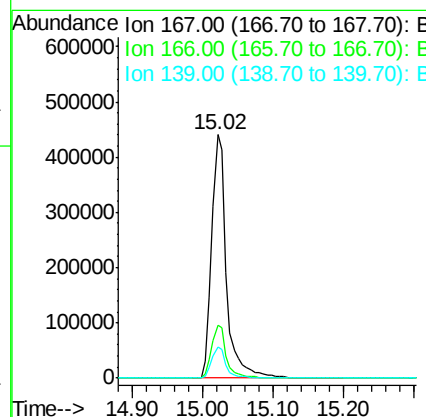
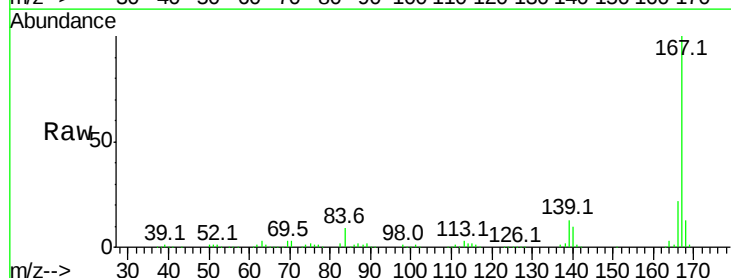
Instrument :
 BNA_F
 ClientSampleId :

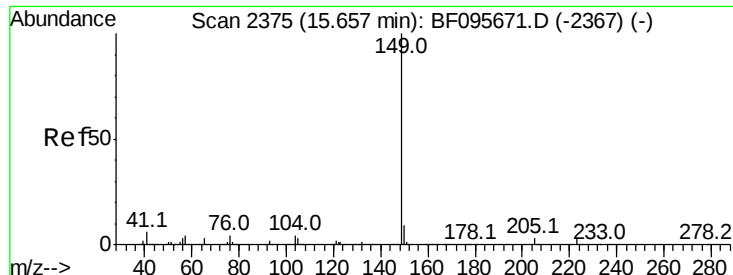
Tot Ion:178 Resp: 679491
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 44.21 ng
 RT: 15.02 min Scan# 2284
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion:167 Resp: 639259
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.7 11.7 17.5

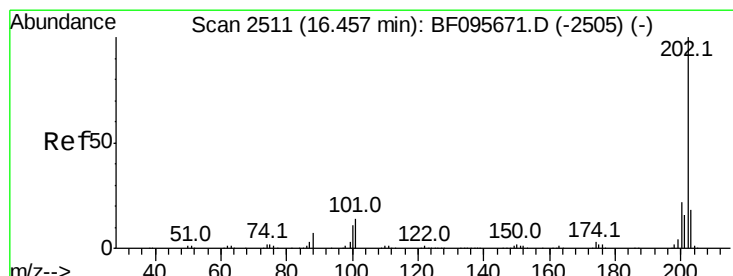
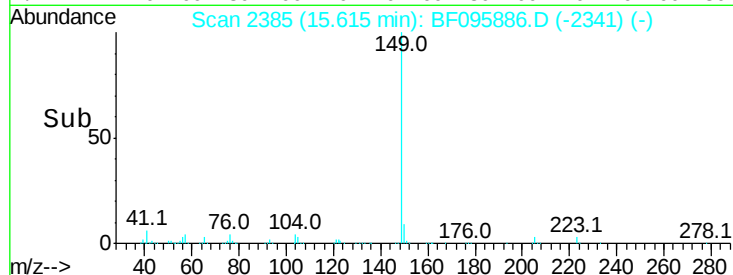
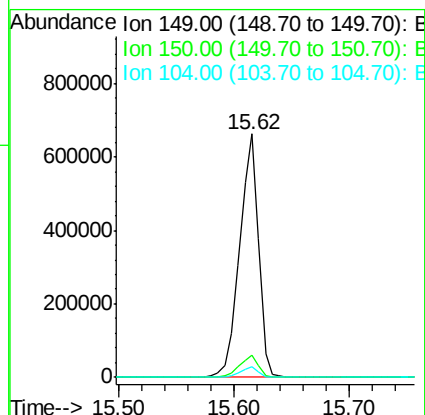
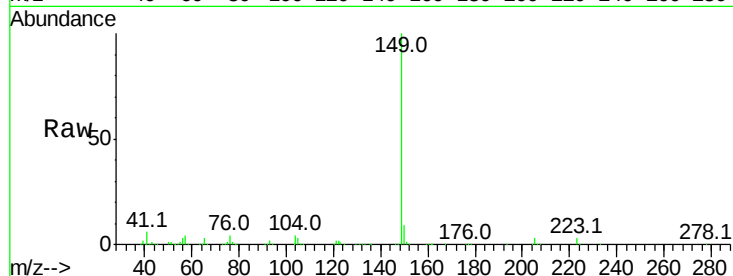




#73
Di-n-butylphthalate
Concen: 48.77 ng
RT: 15.62 min Scan# 2385
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

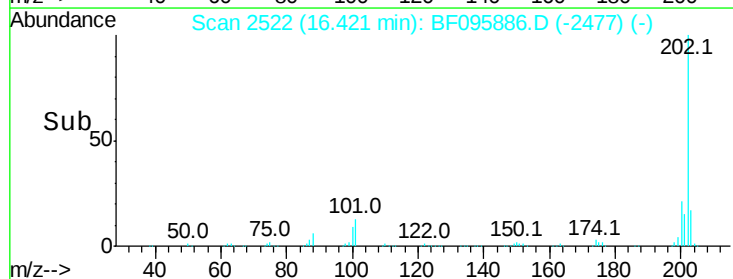
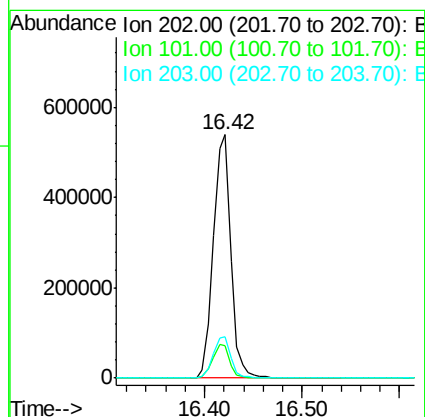
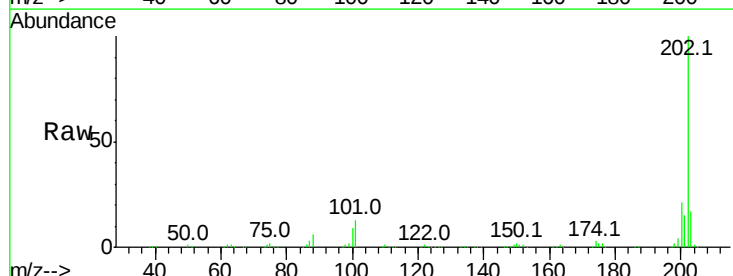
Instrument :
BNA_F
ClientSampleId :

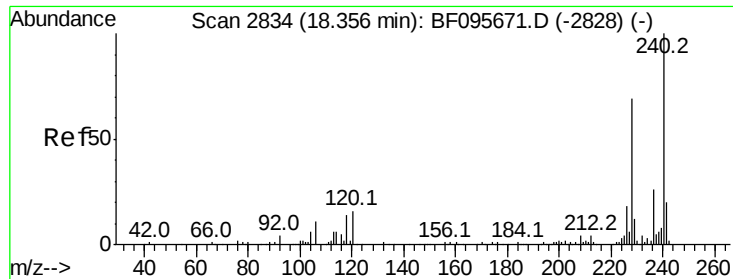
Tot Ion:149 Resp: 750333
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 47.54 ng
RT: 16.42 min Scan# 2522
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion:202 Resp: 668846
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.2
203 17.2 0.0 38.1

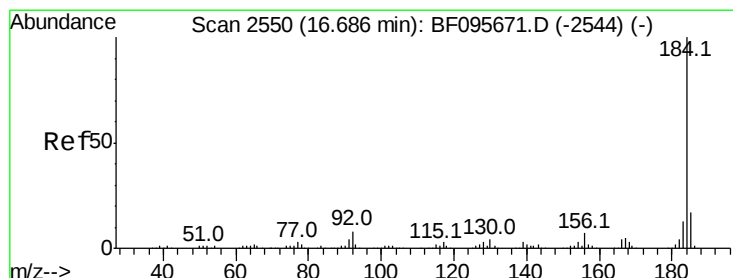
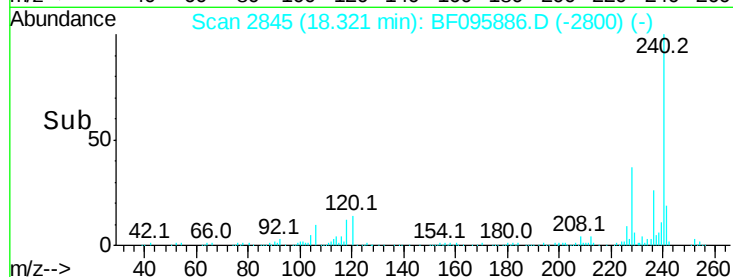
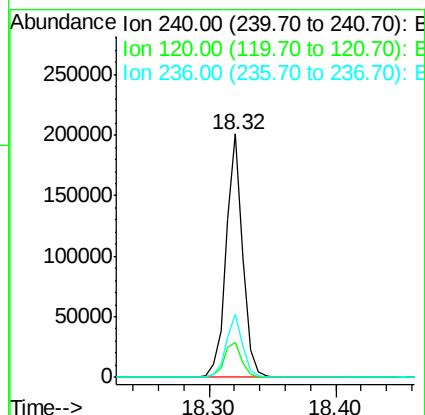
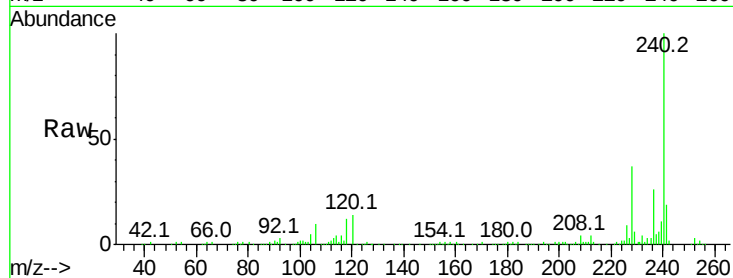




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

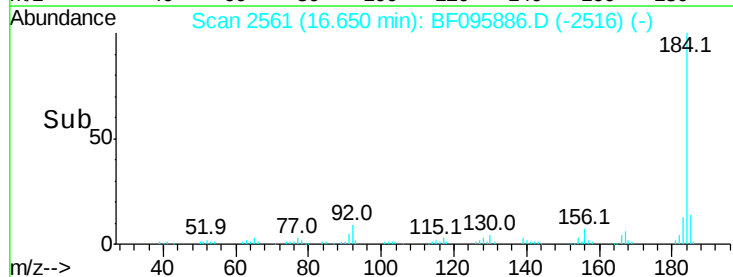
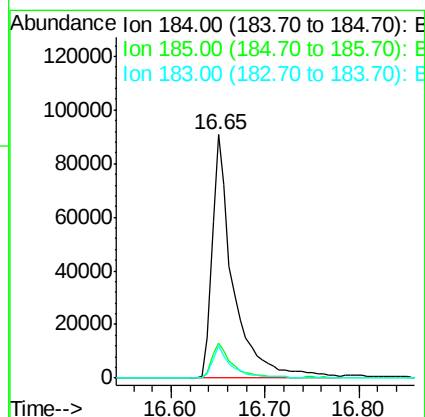
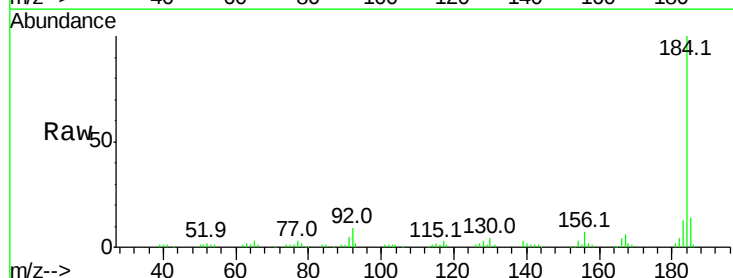
Instrument :
BNA_F
ClientSampled :

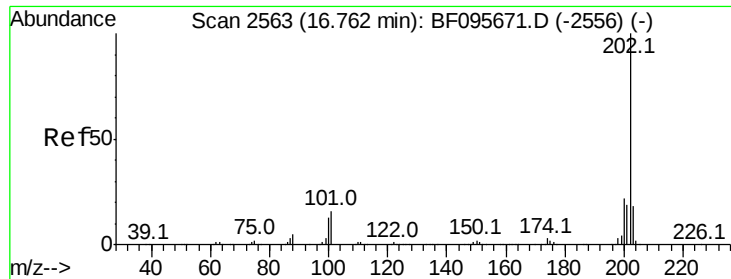
Tot Ion:240 Resp: 180855
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.8 20.5 30.7



#76
Benzidine
Concen: 20.63 ng
RT: 16.65 min Scan# 2561
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion:184 Resp: 143316
Ion Ratio Lower Upper
184 100
185 14.1 15.5 23.3#
183 13.2 9.8 14.6

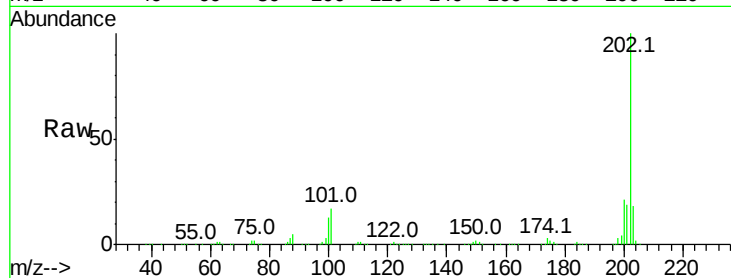




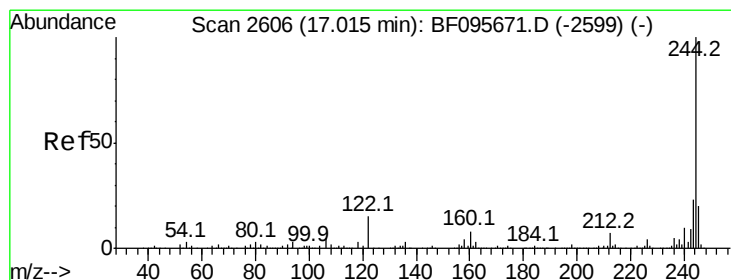
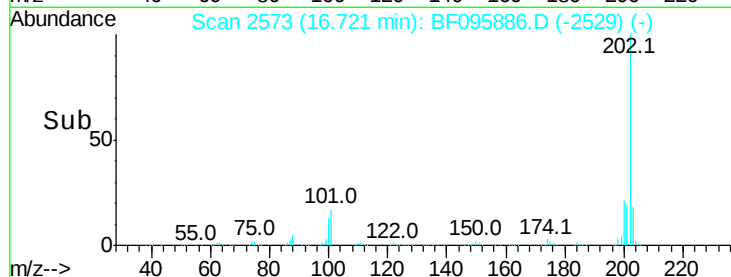
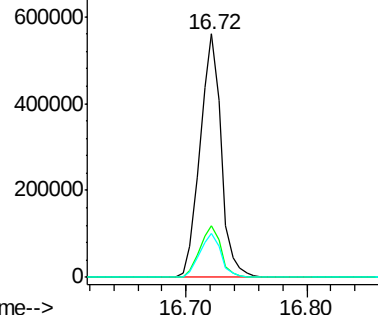
#77
Pvrene
Concen: 50.25 ng
RT: 16.72 min Scan# 2573
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 678148
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 18.1 14.4 21.6

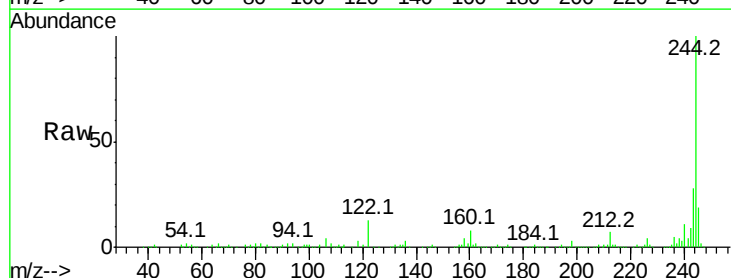


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

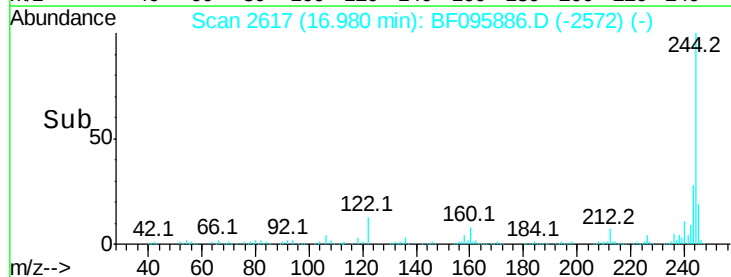
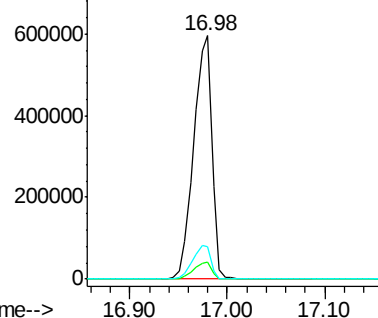


#78
Terphenyl-d14
Concen: 105.72 ng
RT: 16.98 min Scan# 2617
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion:244 Resp: 770428
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.3 10.3 15.5



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

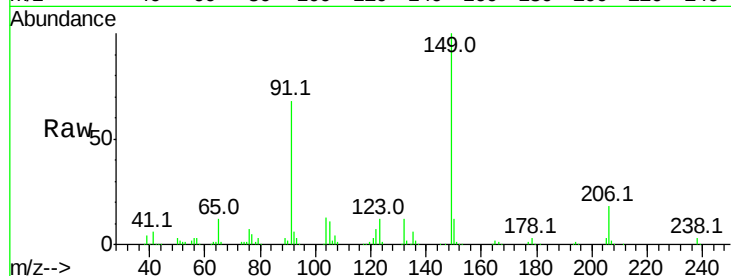




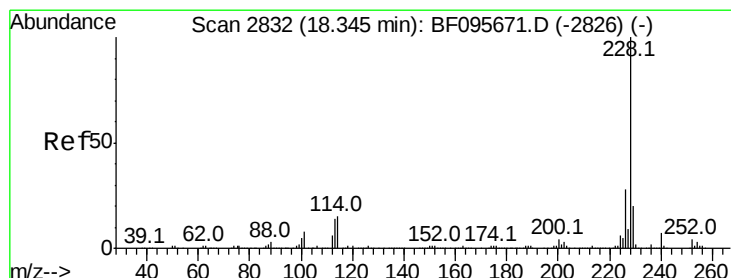
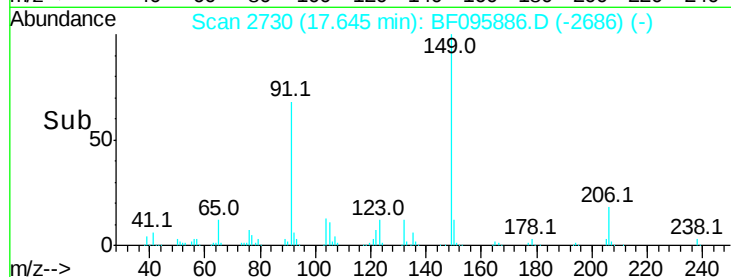
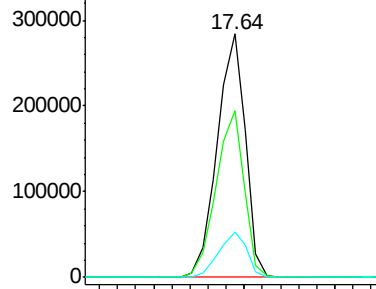
#79
Butylbenzylphthalate
Concen: 51.90 ng
RT: 17.64 min Scan# 2730
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.3	45.0	67.4#
206	18.4	17.0	25.6

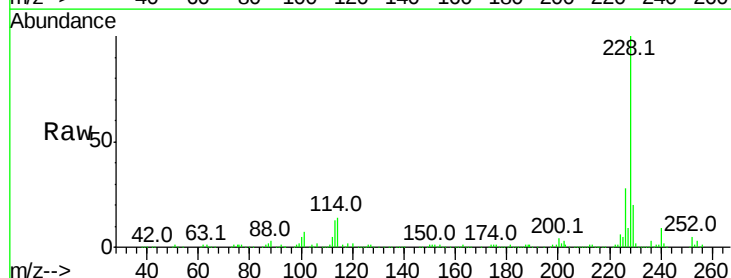


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

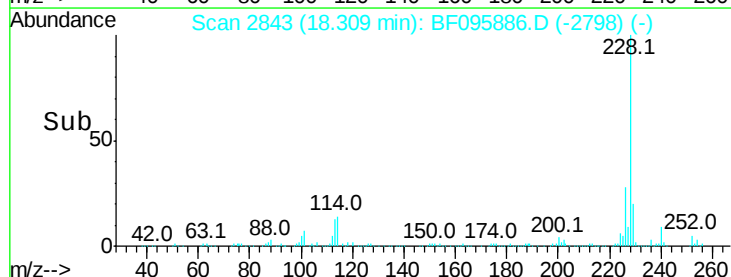
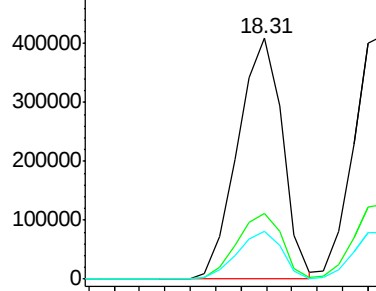


#80
Benzo(a)anthracene
Concen: 47.58 ng
RT: 18.31 min Scan# 2843
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.7	16.3	24.5



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

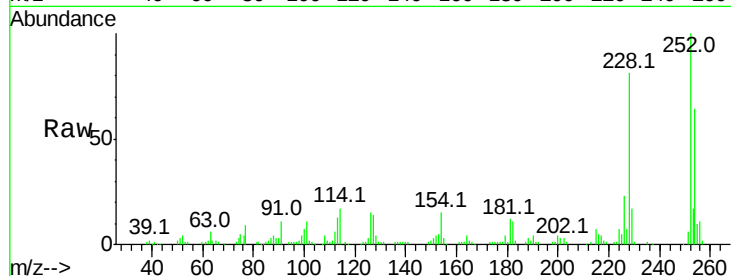




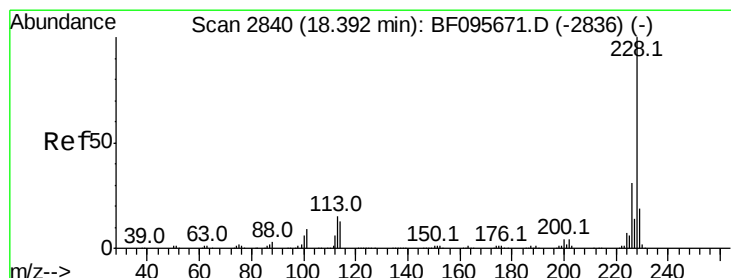
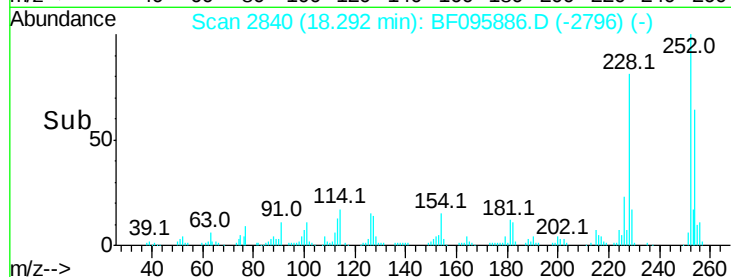
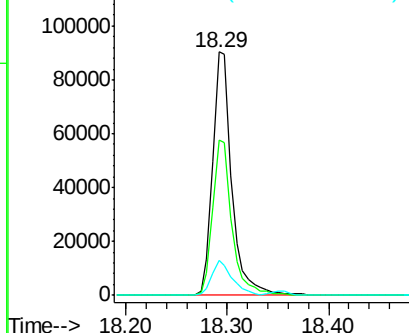
#81
 3,3'-Dichlorobenzidine
 Concen: 31.90 ng
 RT: 18.29 min Scan# 2840
 Delta R.T. -0.04 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 119263
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.5 77.3
 126 14.6 15.8 23.8#

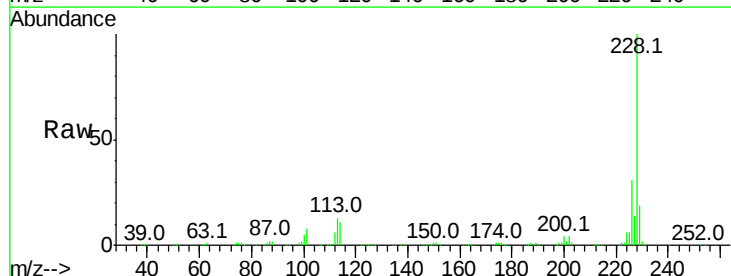


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

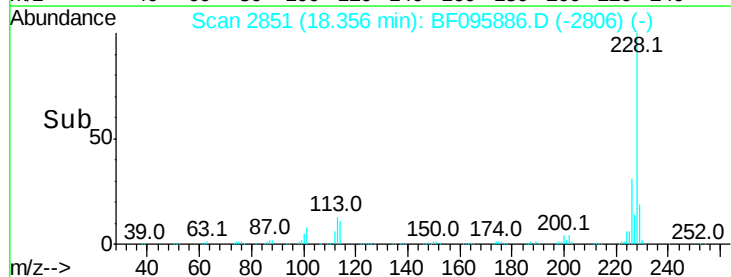
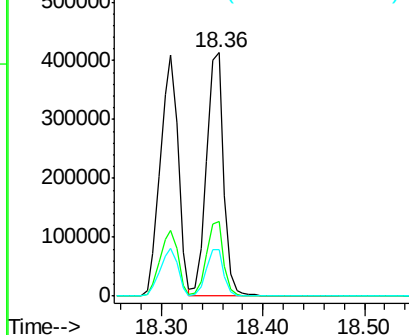


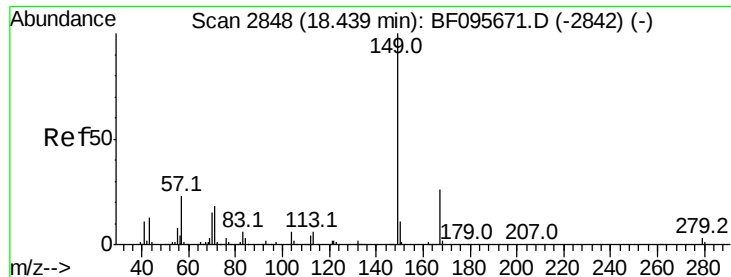
#82
 Chrysene
 Concen: 46.34 ng
 RT: 18.36 min Scan# 2851
 Delta R.T. -0.04 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion:228 Resp: 486979
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 19.3 15.8 23.6



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

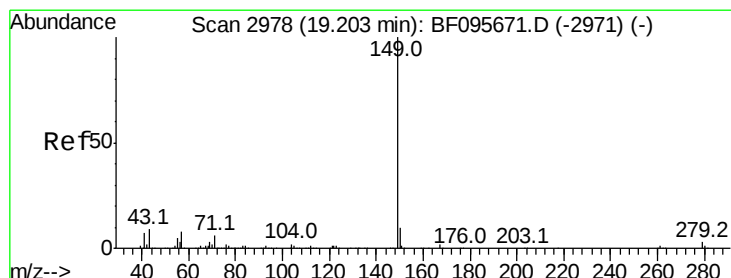
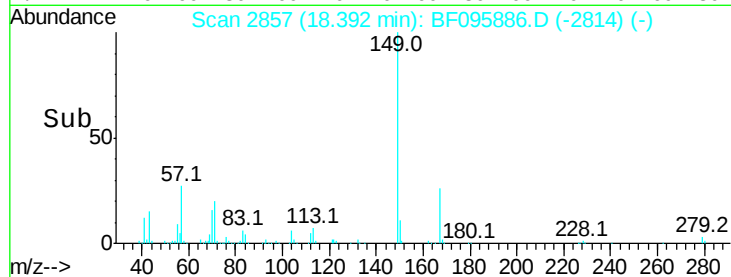
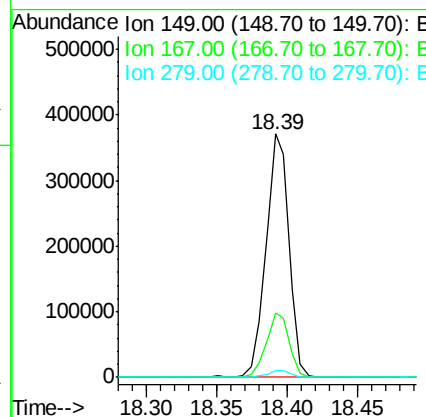
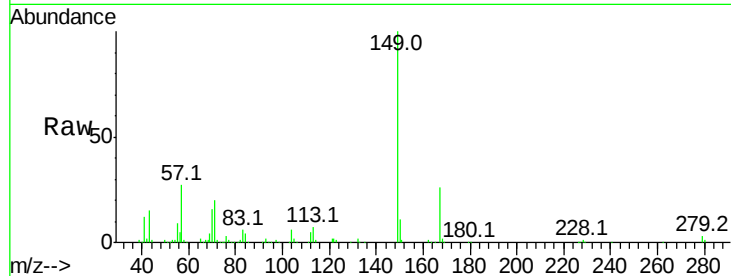




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.29 ng
 RT: 18.39 min Scan# 2857
 Delta R.T. -0.05 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

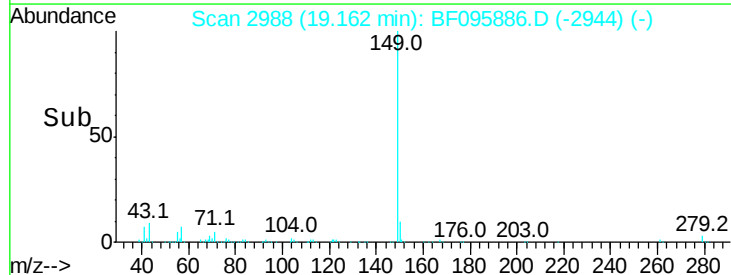
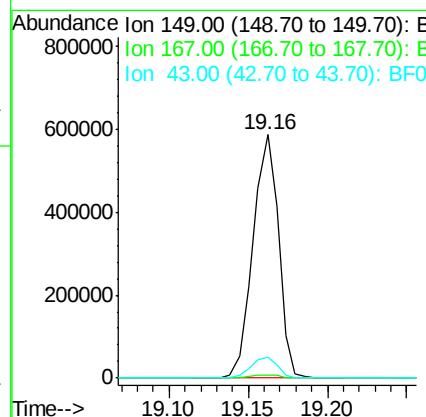
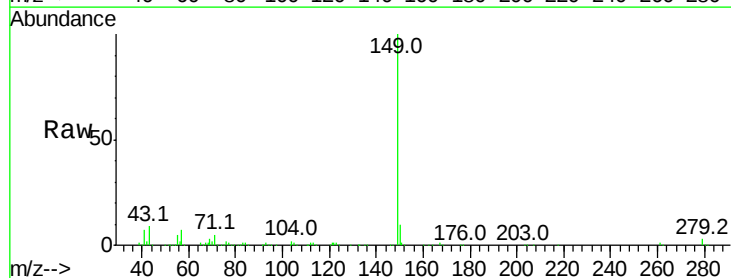
Instrument :
 BNA_F
 ClientSampleId :

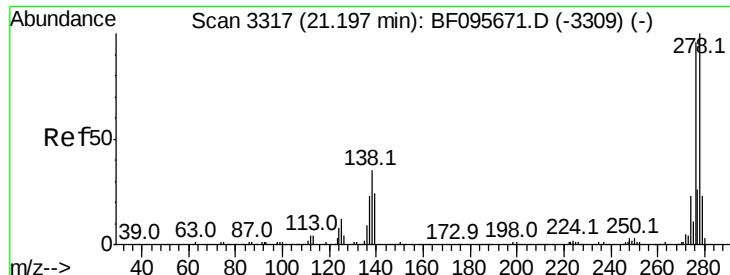
Tot Ion:149 Resp: 426432
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 48.07 ng
 RT: 19.16 min Scan# 2988
 Delta R.T. -0.04 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion:149 Resp: 658498
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 8.5 12.7



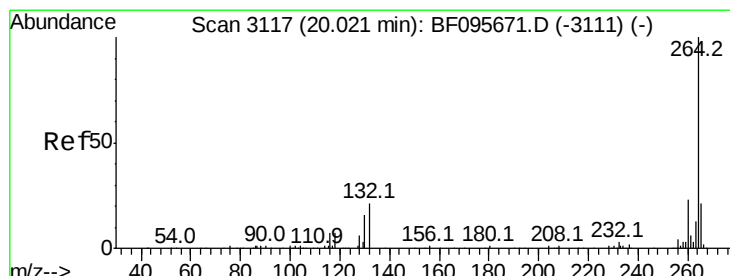
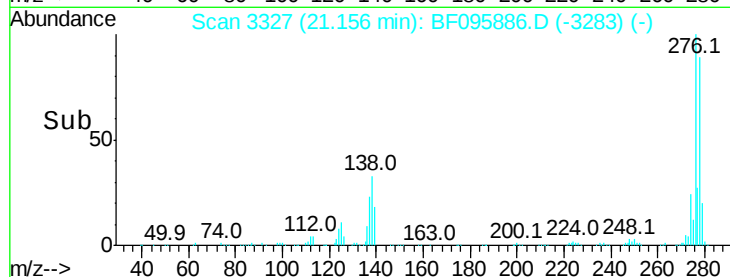
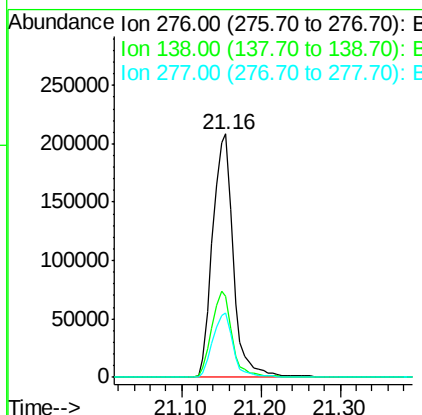
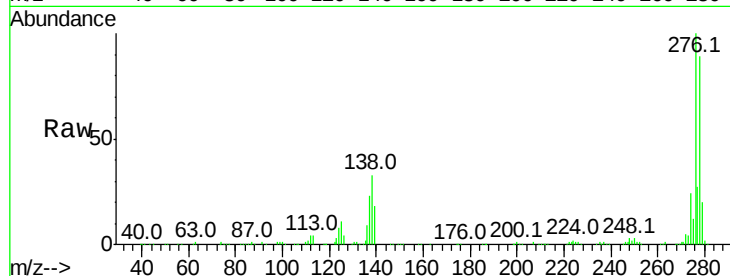


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.13 ng
 RT: 21.16 min Scan# 3327
 Delta R.T. -0.04 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 378808

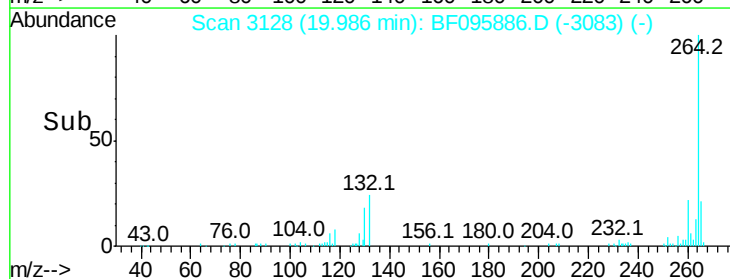
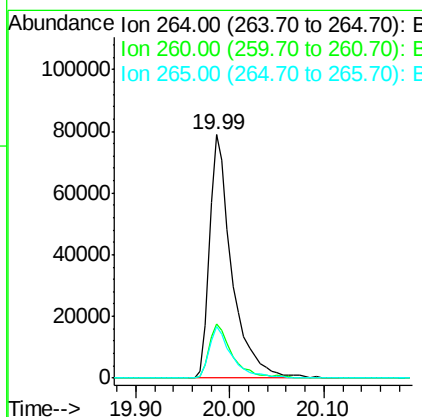
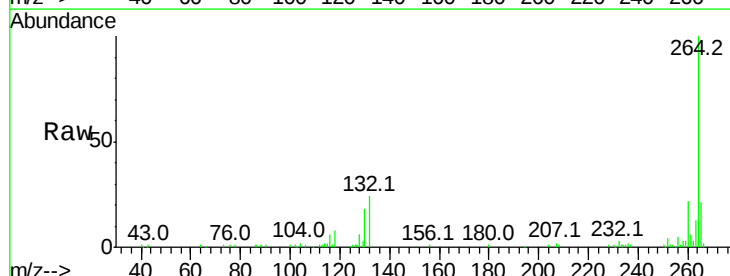
Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	26.1	20.2	30.4

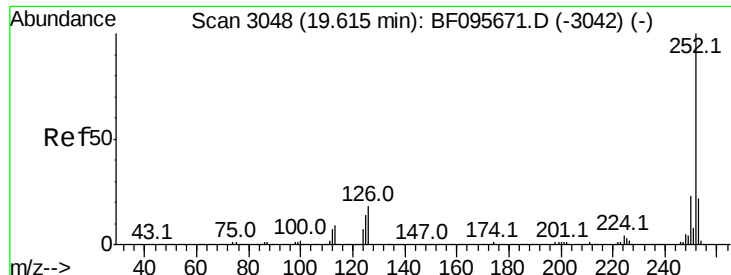


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095886.D
 Acq: 12 Jun 2017 22:49

Tgt Ion:264 Resp: 131490

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	21.0	17.2	25.8

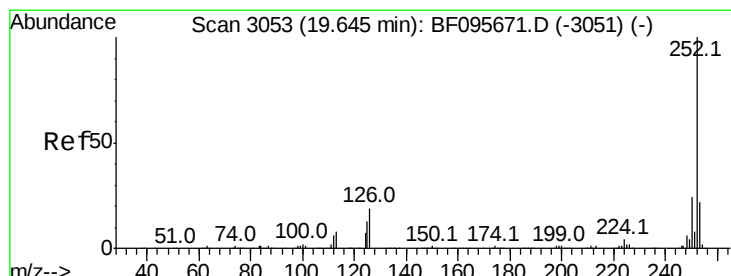
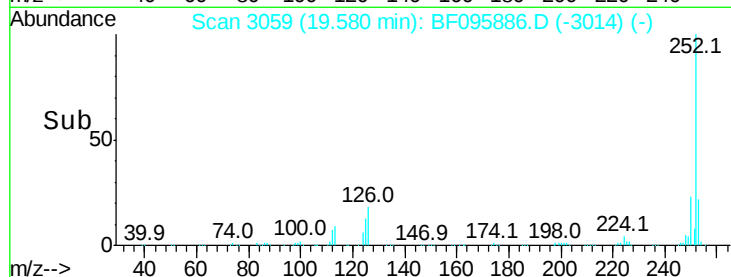
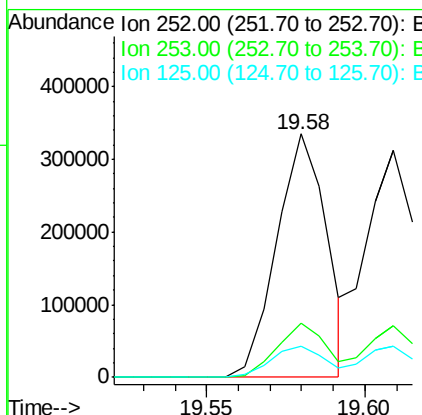
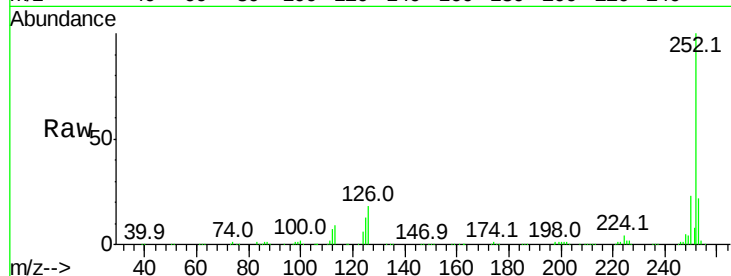




#87
Benzo(b)fluoranthene
Concen: 44.83 ng
RT: 19.58 min Scan# 3059
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

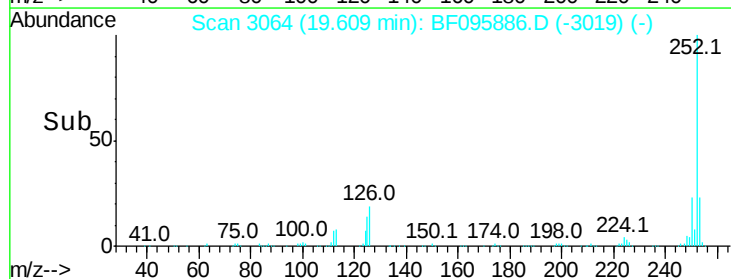
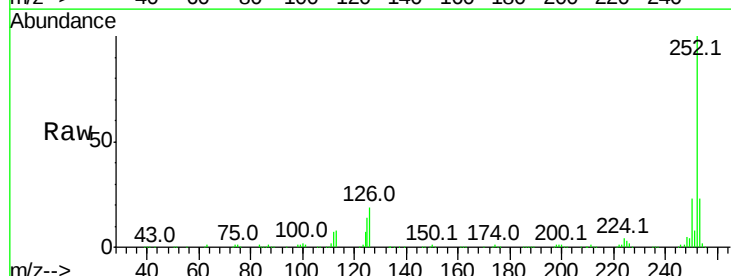
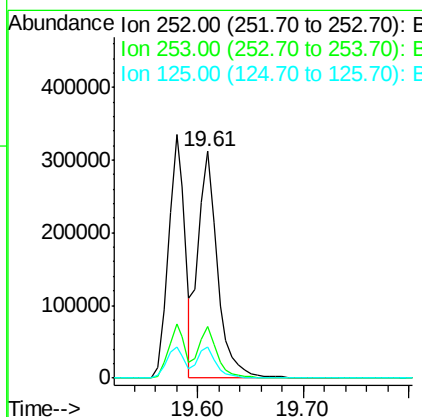
Instrument :
BNA_F
ClientSampleId :

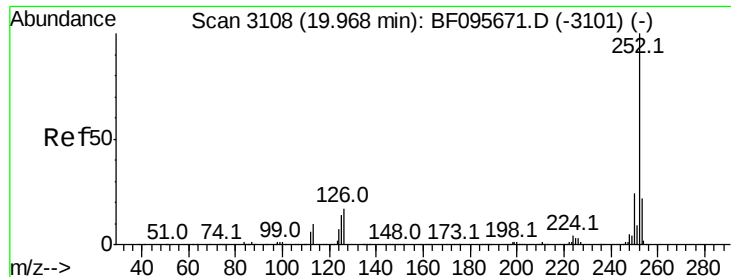
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	13.0	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 50.13 ng
RT: 19.61 min Scan# 3064
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	13.6	13.1	19.7

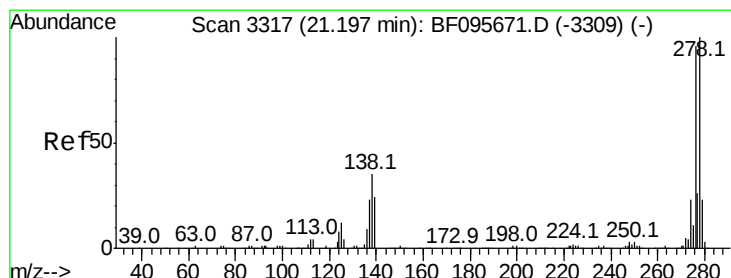
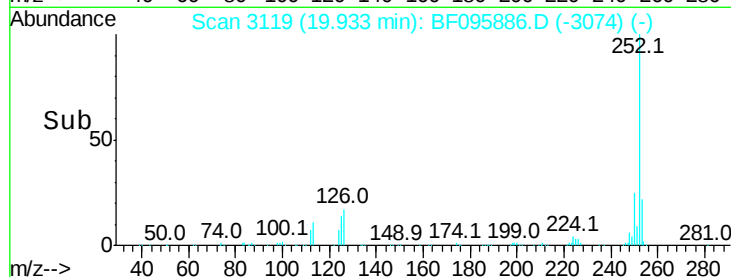
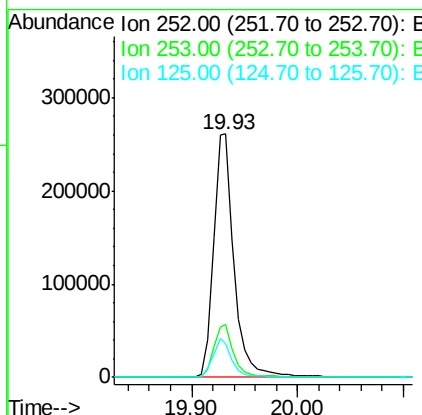
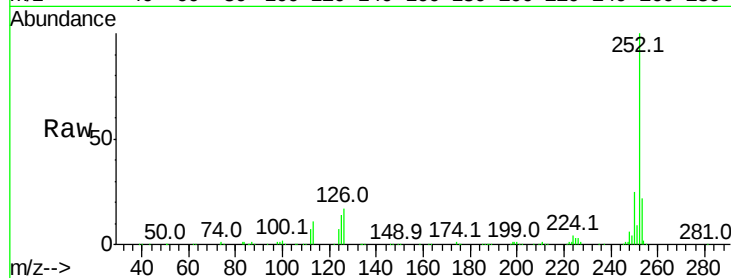




#89
Benzo(a)pyrene
Concen: 47.17 ng
RT: 19.93 min Scan# 3119
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

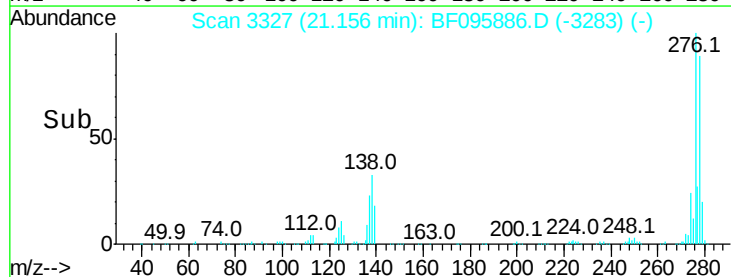
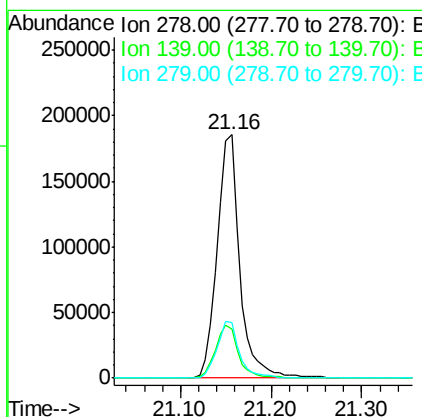
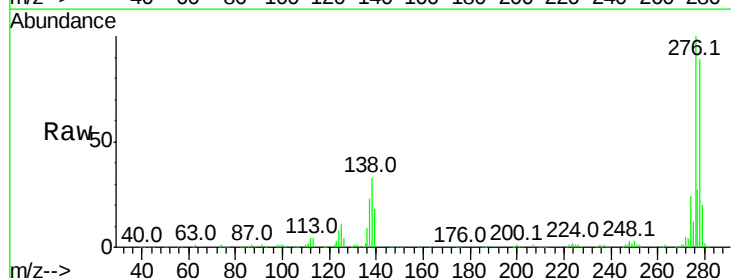
Instrument :
BNA_F
ClientSampleId :

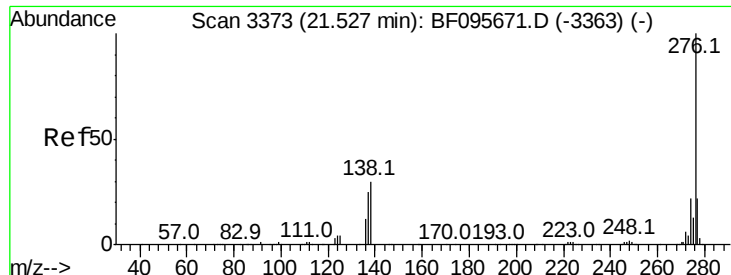
Tot Ion:	252	Resp:	356996
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	13.8	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 49.86 ng
RT: 21.16 min Scan# 3327
Delta R.T. -0.04 min
Lab File: BF095886.D
Acq: 12 Jun 2017 22:49

Tgt Ion:	278	Resp:	320046
Ion	Ratio	Lower	Upper
278	100		
139	20.2	16.6	24.8
279	22.6	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 50.85 ng

RT: 21.48 min Scan# 3382

Delta R.T. -0.05 min

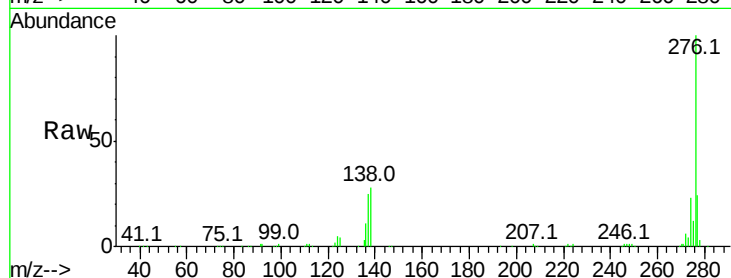
Lab File: BF095886.D

Acq: 12 Jun 2017 22:49

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 332770

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 27.8 25.4 38.0

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

