

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096784.D
 Acq On : 14 Jul 2017 21:07
 Operator : SJ/JU
 Sample : PB100646BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 23:52:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	107424	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	448840	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	201538	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	353859	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	233419	20.00	ng	0.00
86) Perylene-d12	15.14	264	206027	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	524826	73.46	ng	0.00
7) Phenol-d6	6.27	99	681482	79.49	ng	-0.01
23) Nitrobenzene-d5	7.19	82	581690	80.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	143528	83.43	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1027425	80.54	ng	-0.01
78) Terphenyl-d14	12.72	244	867698	64.47	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	96840	26.34	ng	# 75
3) Pyridine	2.95	79	253816	32.85	ng	# 67
4) n-Nitrosodimethylamine	2.89	42	158444	36.67	ng	# 79
6) Aniline	6.29	93	316832	30.00	ng	# 41
8) 2-Chlorophenol	6.41	128	302790	39.28	ng	# 95
9) Benzaldehyde	6.16	77	154018	31.08	ng	# 98
10) Phenol	6.28	94	372053	38.39	ng	# 74
11) bis(2-Chloroethyl)ether	6.36	93	288708	39.61	ng	# 90
12) 1,3-Dichlorobenzene	6.56	146	312438	38.14	ng	# 98
13) 1,4-Dichlorobenzene	6.64	146	314731	37.93	ng	# 94
14) 1,2-Dichlorobenzene	6.80	146	295280	39.13	ng	# 96
15) Benzyl Alcohol	6.77	79	241348	43.00	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	620217	41.23	ng	# 91
17) 2-Methylphenol	6.89	107	245703	40.99	ng	# 99
18) Hexachloroethane	7.14	117	111398	37.86	ng	# 86
19) n-Nitroso-di-n-propylamine	7.05	70	200310	38.78	ng	# 83
20) 3+4-Methylphenols	7.05	107	299528	41.18	ng	# 79
22) Acetophenone	7.04	105	400342	39.91	ng	# 95
24) Nitrobenzene	7.21	77	300450	40.09	ng	# 87
25) Isophorone	7.45	82	555787	41.23	ng	# 96
26) 2-Nitrophenol	7.53	139	172246	41.33	ng	# 90
27) 2,4-Dimethylphenol	7.57	122	277605	40.49	ng	# 95
28) bis(2-Chloroethoxy)methane	7.66	93	380160	41.73	ng	# 99
29) 2,4-Dichlorophenol	7.77	162	257242	41.45	ng	# 94
30) 1,2,4-Trichlorobenzene	7.85	180	233169	39.52	ng	# 98
31) Naphthalene	7.93	128	853327	40.13	ng	# 100
32) Benzoic acid	7.71	122	199825	45.61	ng	# 94
33) 4-Chloroaniline	7.98	127	191596	22.74	ng	# 95
34) Hexachlorobutadiene	8.06	225	121747	38.65	ng	# 99
35) Caprolactam	8.35	113	50250	25.27	ng	# 48
36) 4-Chloro-3-methylphenol	8.47	107	279511	41.89	ng	# 87
37) 2-Methylnaphthalene	8.62	142	580682	42.84	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	201053	36.90	ng	# 99
40) Hexachlorocyclopentadiene	8.78	237	172206	83.79	ng	# 99

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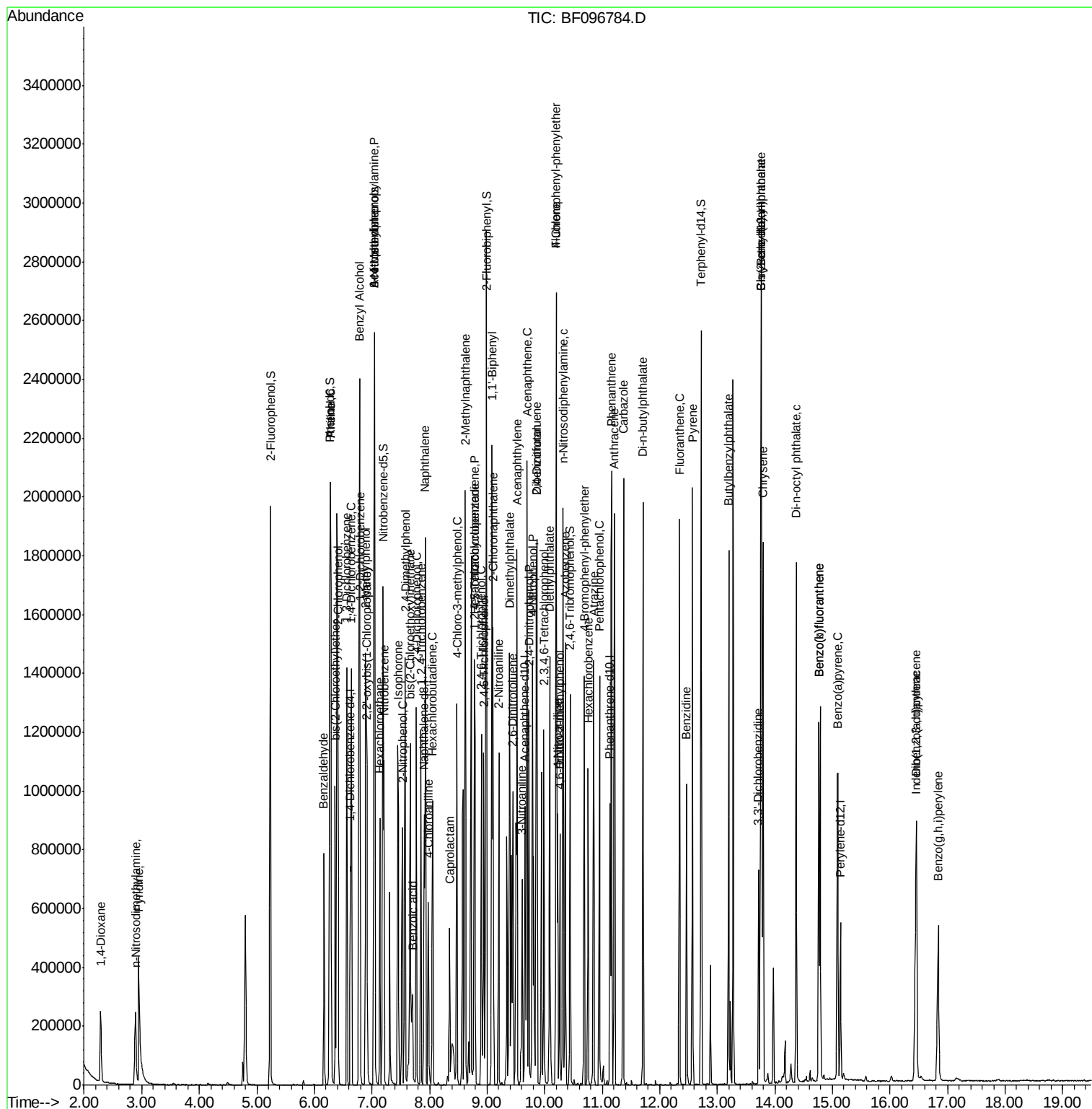
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	162313	40.39	nq	99
43) 2,4,5-Trichlorophenol	8.95	196	171369	42.28	nq	97
45) 1,1'-Biphenyl	9.09	154	660950	38.24	nq	97
46) 2-Chloronaphthalene	9.11	162	516463	40.58	nq	95
47) 2-Nitroaniline	9.20	65	189600	43.34	nq	94
48) Acenaphthylene	9.52	152	819052	40.39	nq	99
49) Dimethylphthalate	9.39	163	628755	41.43	nq	99
50) 2,6-Dinitrotoluene	9.45	165	138361	42.09	nq	92
51) Acenaphthene	9.69	154	471395	39.35	nq	98
52) 3-Nitroaniline	9.61	138	107509	27.61	nq	91
53) 2,4-Dinitrophenol	9.73	184	144428	88.01	nq	# 75
54) Dibenzofuran	9.86	168	712543	42.44	nq	98
55) 4-Nitrophenol	9.79	139	243295	85.52	nq	# 67
56) 2,4-Dinitrotoluene	9.86	165	183088	43.35	nq	# 79
57) Fluorene	10.20	166	524971	42.32	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	134143	47.72	nq	# 98
59) Diethylphthalate	10.09	149	601090	40.69	nq	99
60) 4-Chlorophenyl-phenylether	10.20	204	213399	40.41	nq	98
61) 4-Nitroaniline	10.23	138	172502	47.18	nq	90
62) Azobenzene	10.36	77	585695	44.94	nq	92
64) 4,6-Dinitro-2-methylphenol	10.26	198	97276	43.78	nq	89
65) n-Nitrosodiphenylamine	10.32	169	493301	39.00	nq	99
66) 4-Bromophenyl-phenylether	10.69	248	145169	40.18	nq	96
67) Hexachlorobenzene	10.76	284	154842	38.48	nq	# 93
68) Atrazine	10.85	200	154545	42.88	nq	95
69) Pentachlorophenol	10.95	266	156864	80.70	nq	95
70) Phenanthrene	11.16	178	807426	41.96	nq	99
71) Anthracene	11.22	178	828192	42.57	nq	99
72) Carbazole	11.37	167	816423	43.34	nq	99
73) Di-n-butylphthalate	11.71	149	951040	40.54	nq	98
74) Fluoranthene	12.34	202	799926	43.44	nq	99
76) Benzidine	12.46	184	354356	46.34	nq	# 93
77) Pyrene	12.57	202	845200	39.90	nq	99
79) Butylbenzylphthalate	13.20	149	417323	82.92	nq	# 81
80) Benzo(a)anthracene	13.75	228	645426	44.38	nq	99
81) 3,3'-Dichlorobenzidine	13.72	252	148728	28.44	nq	# 96
82) Chrysene	13.79	228	636489	44.45	nq	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	487350	39.76	nq	99
84) Di-n-octyl phthalate	14.37	149	888281	43.84	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.44	276	442807	34.03	nq	100
87) Benzo(b)fluoranthene	14.76	252	534453	43.01	nq	98
88) Benzo(k)fluoranthene	14.76	252	534453	45.42	nq	96
89) Benzo(a)pyrene	15.09	252	500844	43.95	nq	100
90) Dibenzo(a,h)anthracene	16.46	278	363879	34.70	nq	98
91) Benzo(g,h,i)perylene	16.84	276	385857	34.36	nq	97

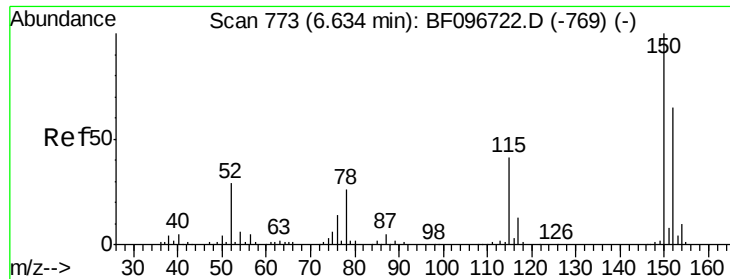
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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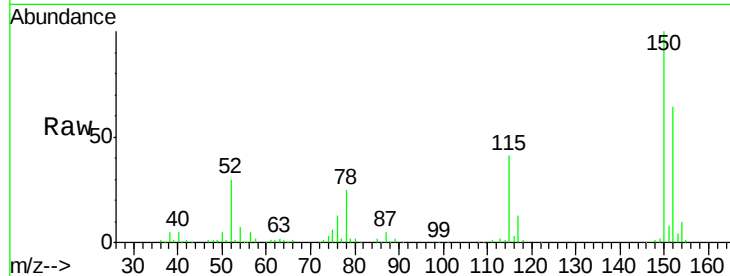


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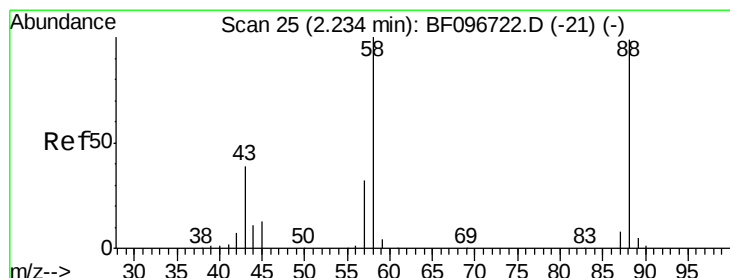
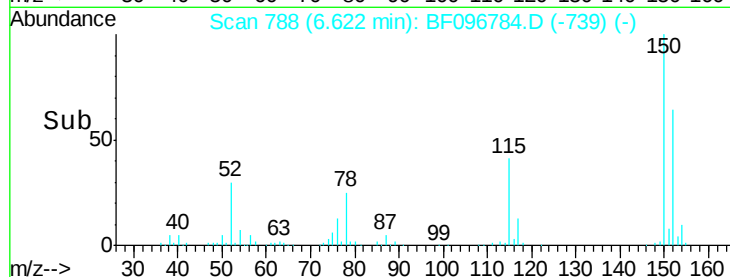
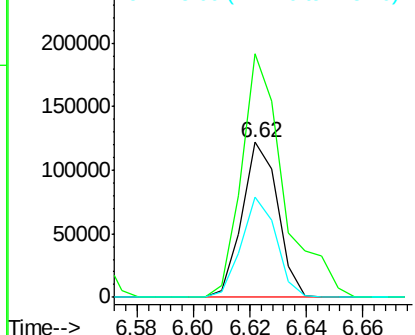
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107424
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 64.3 52.2 78.2



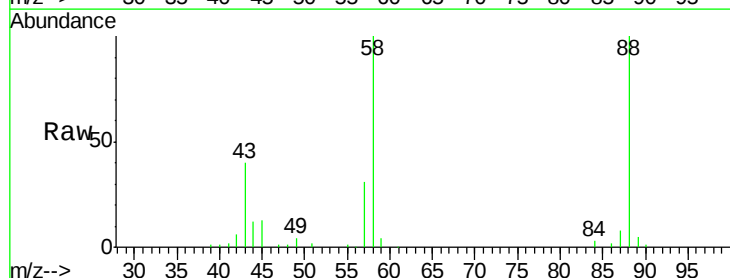
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



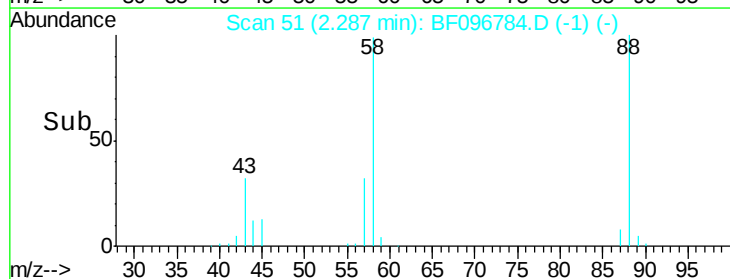
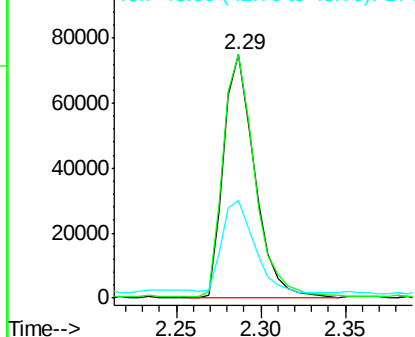
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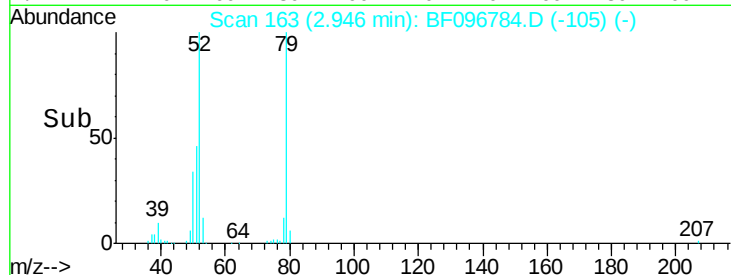
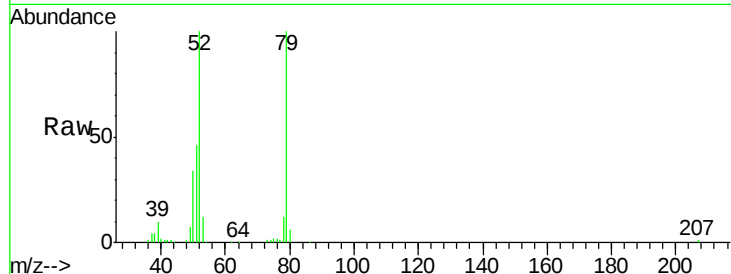
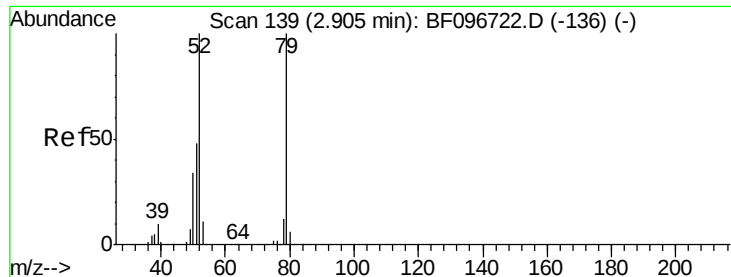
1,4-Dioxane
Concen: 26.34 ng
RT: 2.29 min Scan# 51
Delta R.T. 0.05 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion: 88 Resp: 96840
Ion Ratio Lower Upper
88 100
58 100.3 61.4 92.0#
43 38.8 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

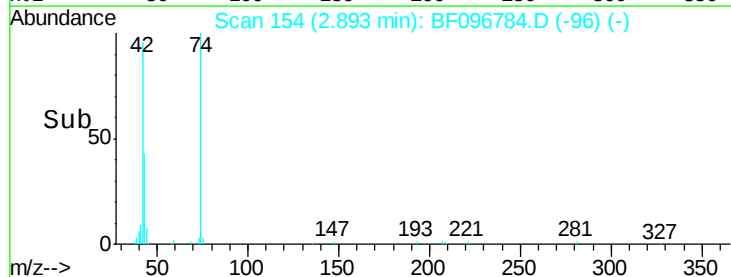
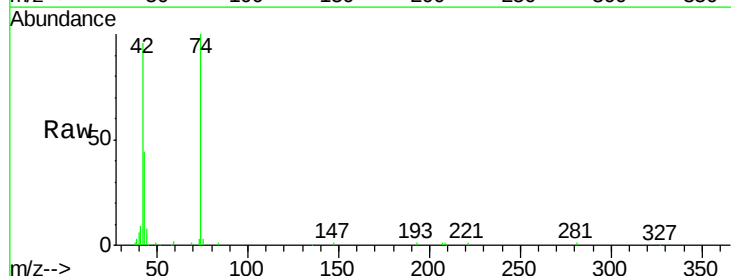
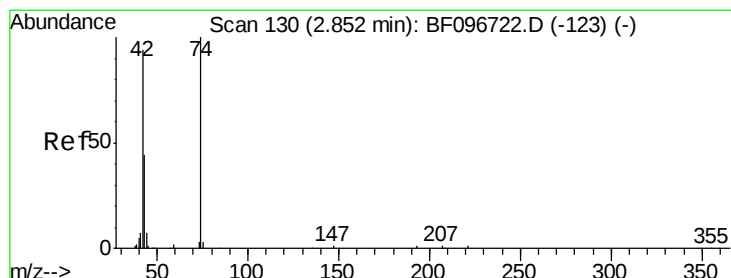
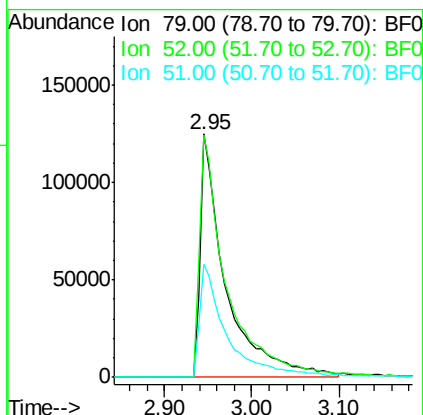




#3
 Pvridine
 Concen: 32.85 ng
 RT: 2.95 min Scan# 163
 Delta R.T. 0.04 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

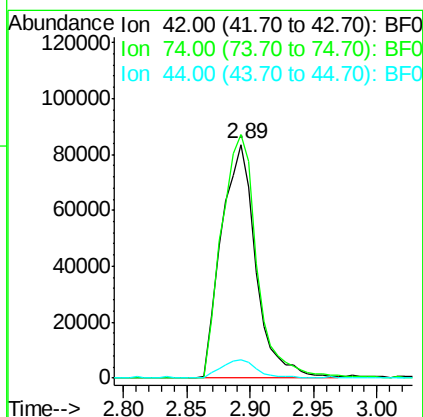
Instrument :
 BNA_F
 ClientSampleId :

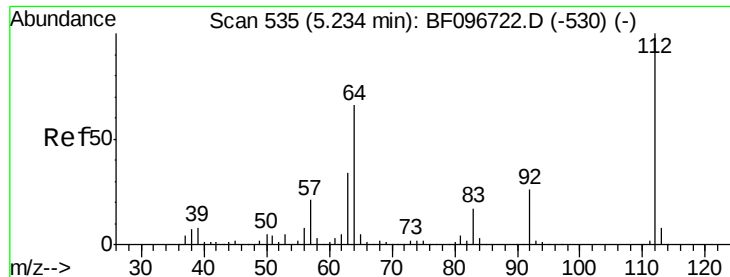
Tot Ion	Ratio	Lower	Upper
79	100		
52	99.7	54.8	82.2#
51	46.3	27.0	40.4#



#4
 n-Nitrosodimethylamine
 Concen: 36.67 ng
 RT: 2.89 min Scan# 154
 Delta R.T. 0.04 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	104.2	103.9	155.9
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 73.46 ng

RT: 5.23 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampled :

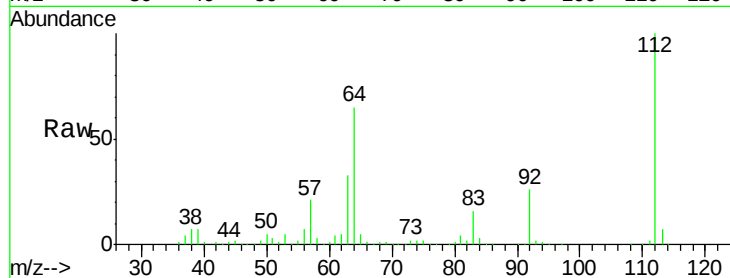
Tot Ion:112 Resp: 524826

Ion Ratio Lower Upper

112 100

64 64.8 46.0 69.0

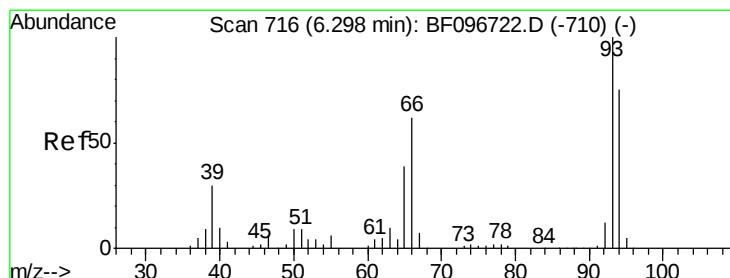
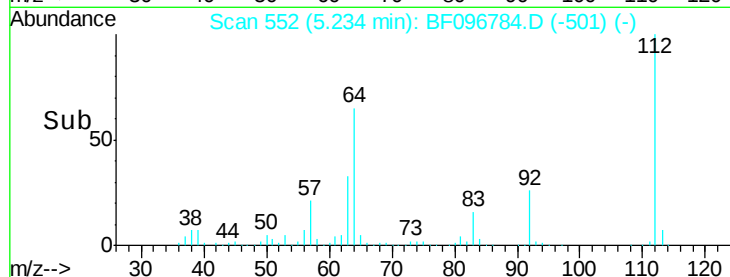
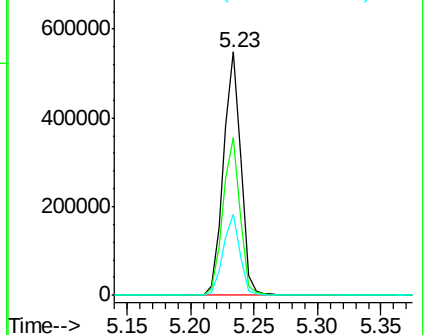
63 33.1 23.4 35.0



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: 30.00 ng

RT: 6.29 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

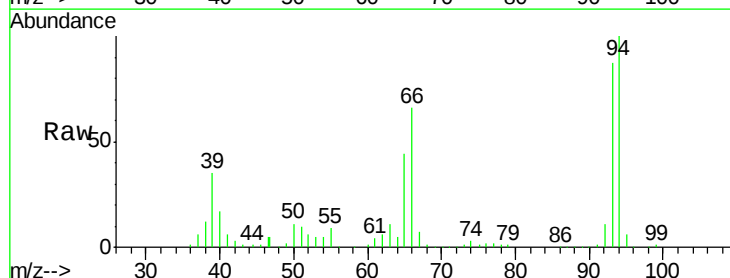
Tgt Ion: 93 Resp: 316832

Ion Ratio Lower Upper

93 100

66 75.6 32.9 49.3#

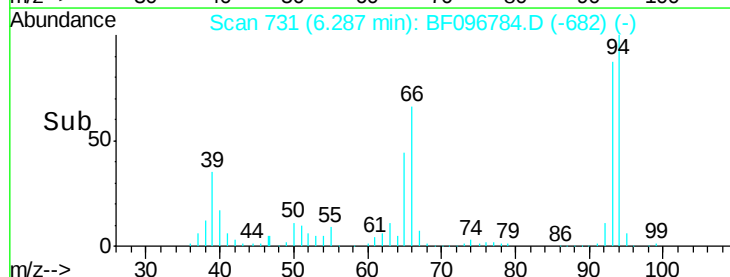
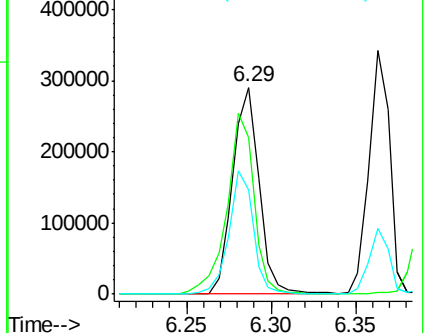
65 50.3 16.0 24.0#

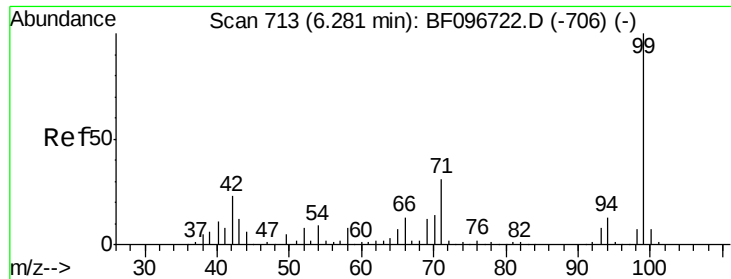


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.49 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

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ClientSampleId :

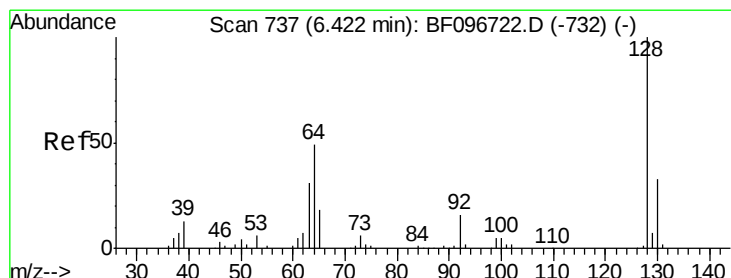
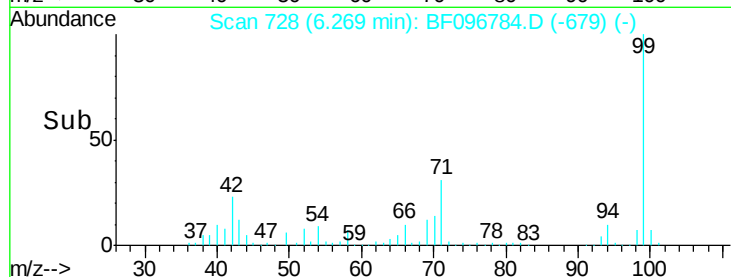
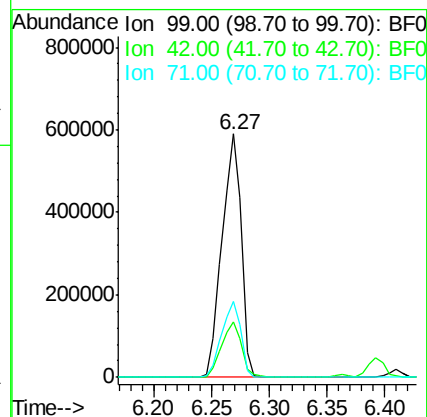
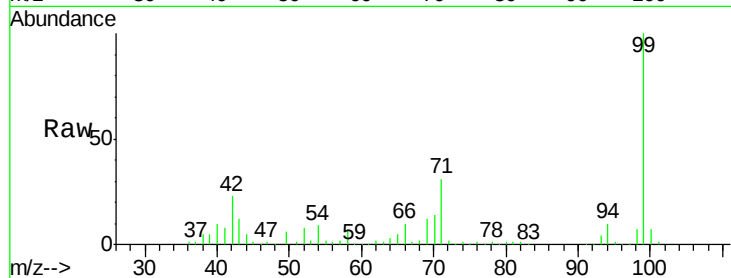
Tot Ion: 99 Resp: 681482

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

71 31.1 24.5 36.7



#8

2-Chlorophenol

Concen: 39.28 ng

RT: 6.41 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

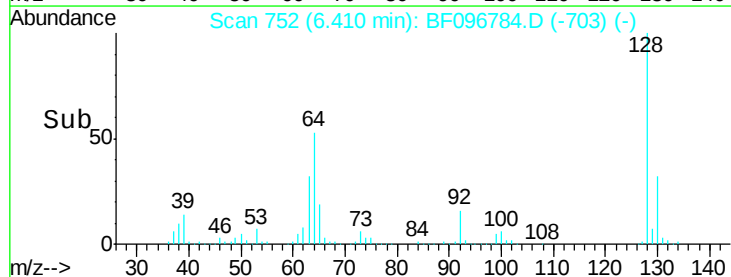
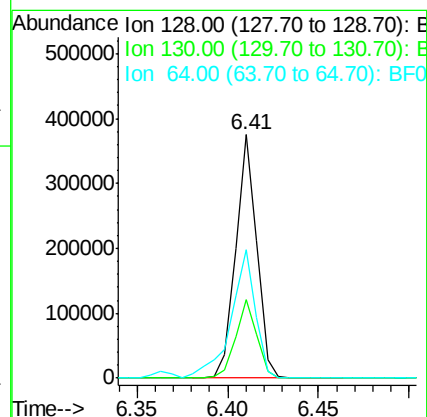
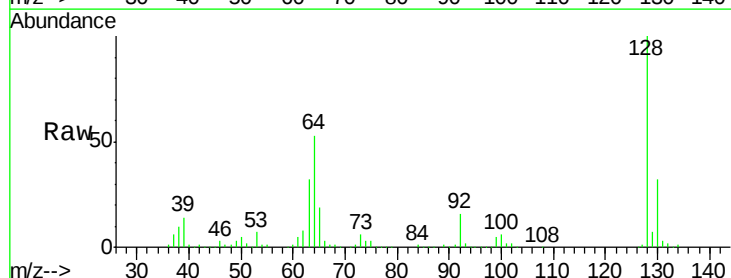
Tgt Ion: 128 Resp: 302790

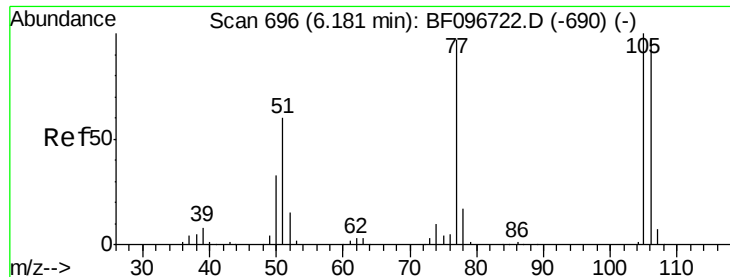
Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

64 53.0 28.4 68.4

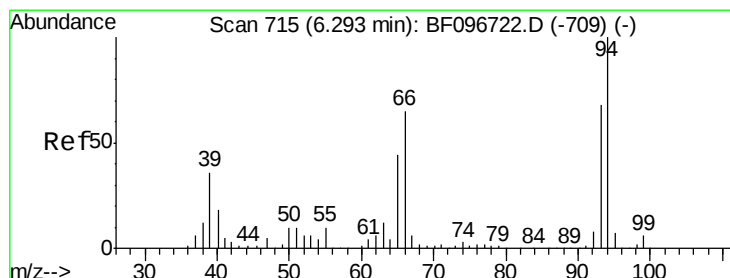
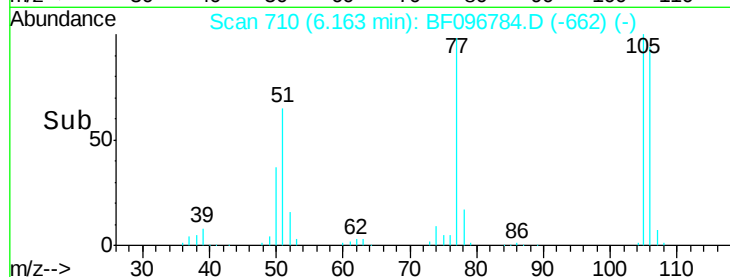
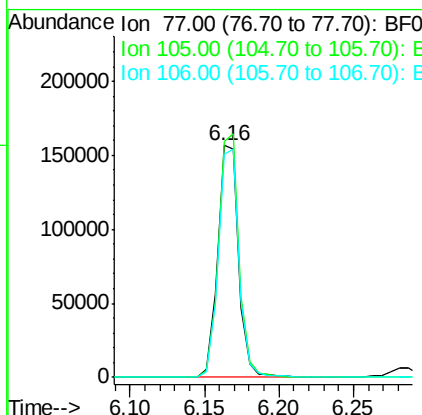
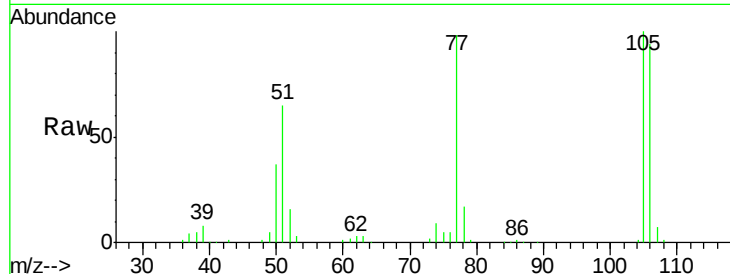




#9
Benzaldehyde
Concen: 31.08 ng
RT: 6.16 min Scan# 710
Delta R.T. -0.02 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

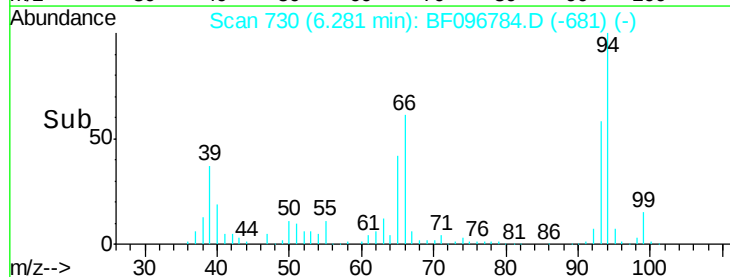
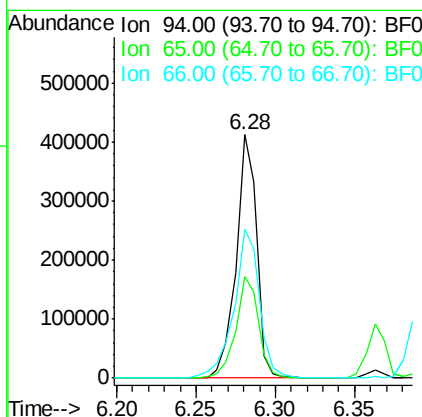
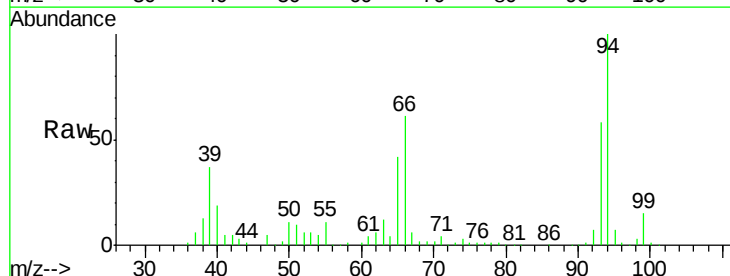
Instrument :
BNA_F
ClientSampleId :

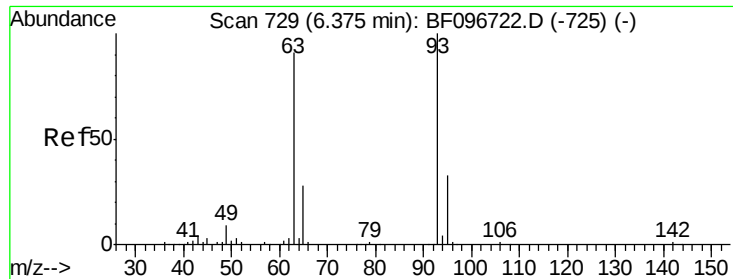
Tot Ion: 77 Resp: 154018
Ion Ratio Lower Upper
77 100
105 101.8 83.8 123.8
106 96.2 79.1 119.1



#10
Phenol
Concen: 38.39 ng
RT: 6.28 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion: 94 Resp: 372053
Ion Ratio Lower Upper
94 100
65 41.9 9.9 49.9
66 61.4 23.1 63.1

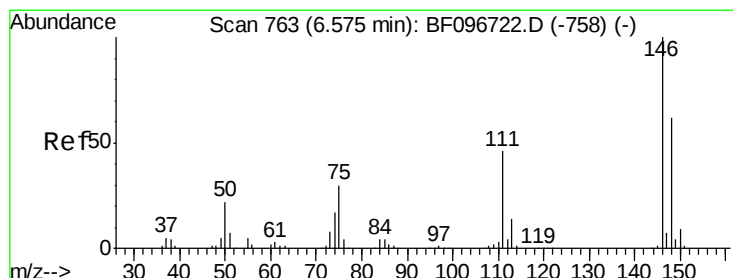
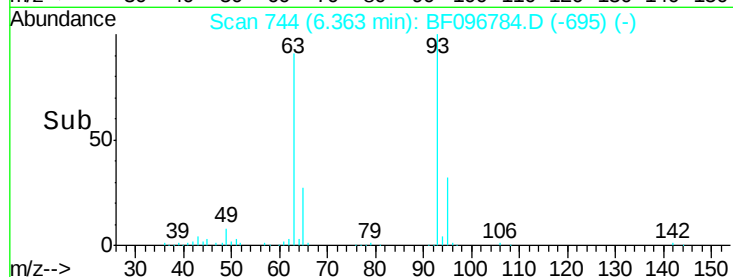
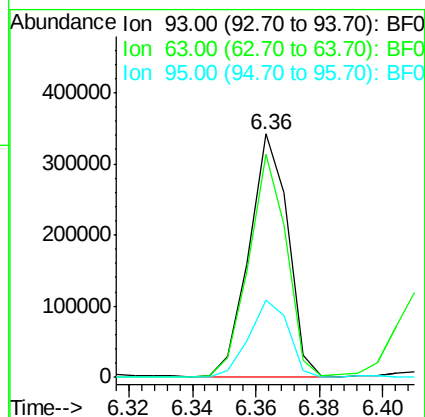
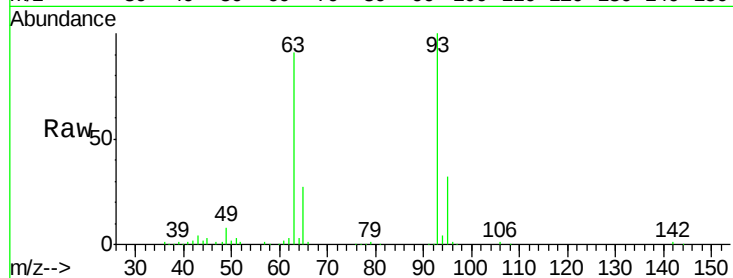




#11
bis(2-Chloroethyl)ether
Concen: 39.61 ng
RT: 6.36 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

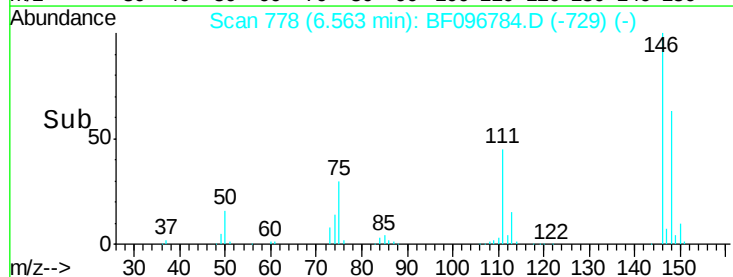
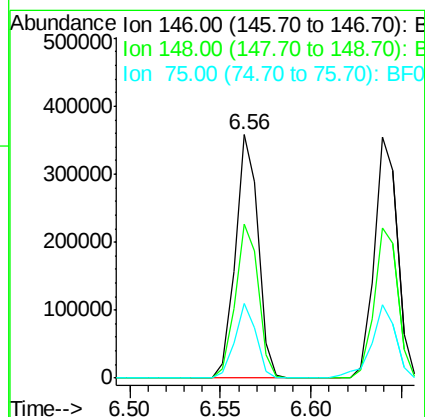
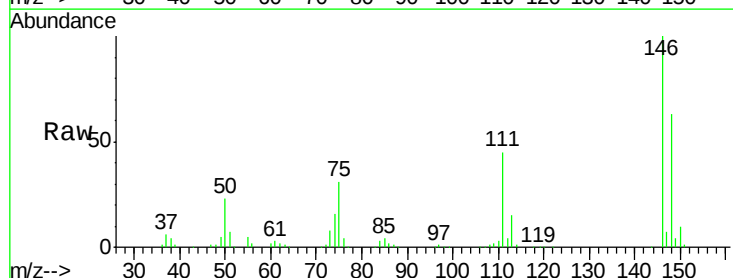
Instrument :
BNA_F
ClientSampled :

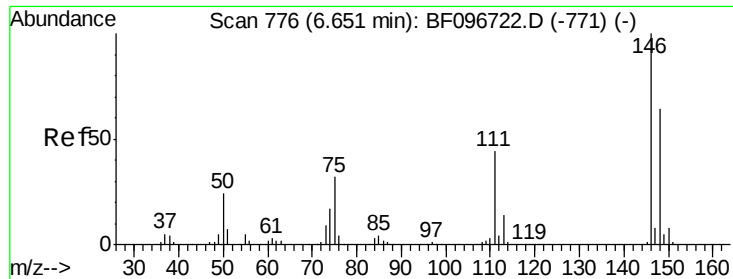
Tot Ion: 93 Resp: 288708
Ion Ratio Lower Upper
93 100
63 91.4 59.2 99.2
95 31.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.14 ng
RT: 6.56 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion: 146 Resp: 312438
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.6
75 30.8 23.1 34.7

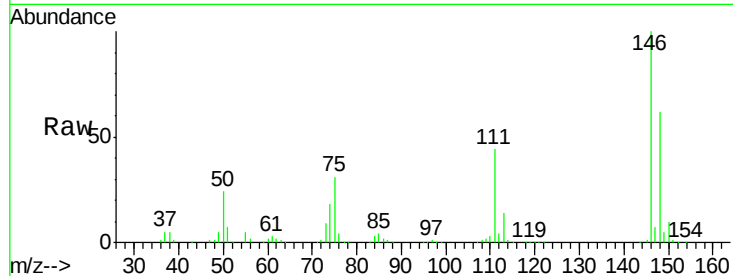




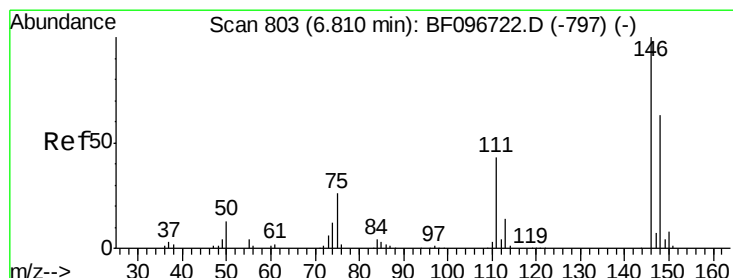
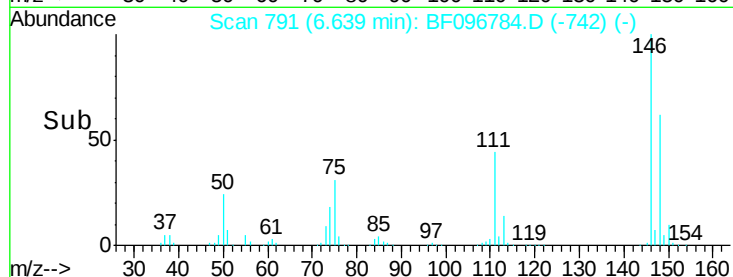
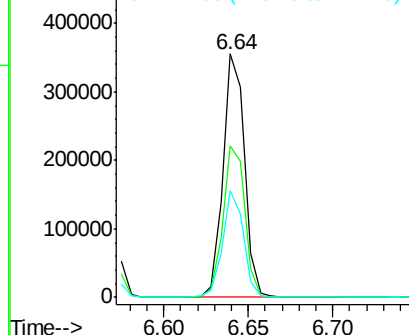
#13
1,4-Dichlorobenzene
Concen: 37.93 ng
RT: 6.64 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 314731
Ion Ratio Lower Upper
146 100
148 62.2 52.2 78.2
111 43.8 30.3 45.5

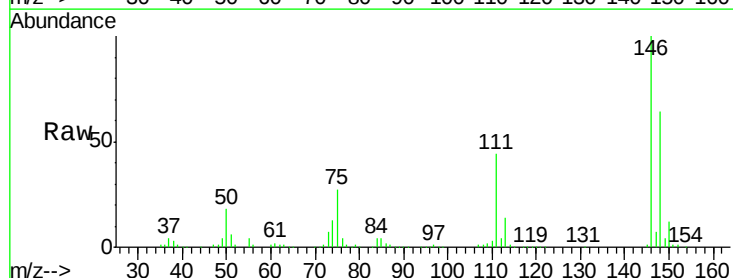


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

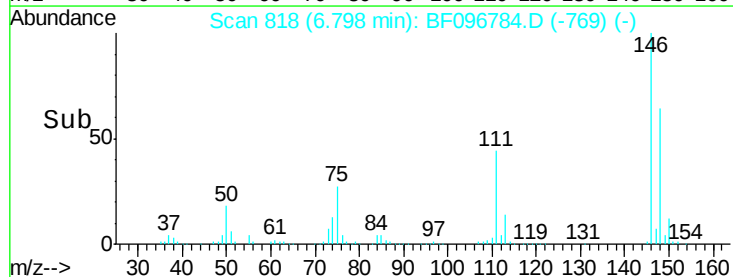
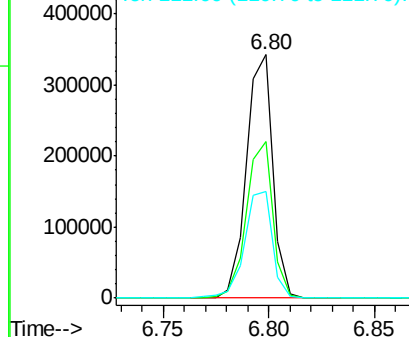


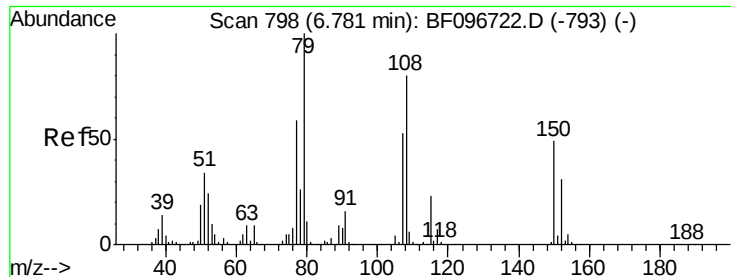
#14
1,2-Dichlorobenzene
Concen: 39.13 ng
RT: 6.80 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion:146 Resp: 295280
Ion Ratio Lower Upper
146 100
148 64.3 50.4 75.6
111 43.6 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: 43.00 ng

RT: 6.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampled :

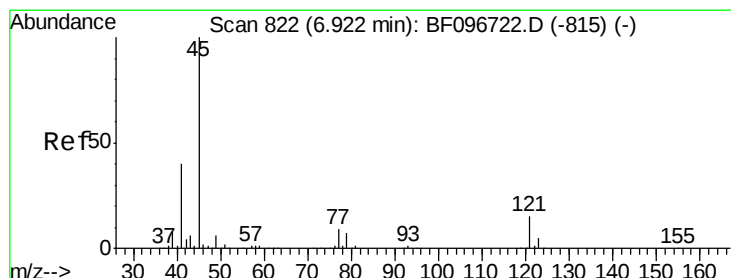
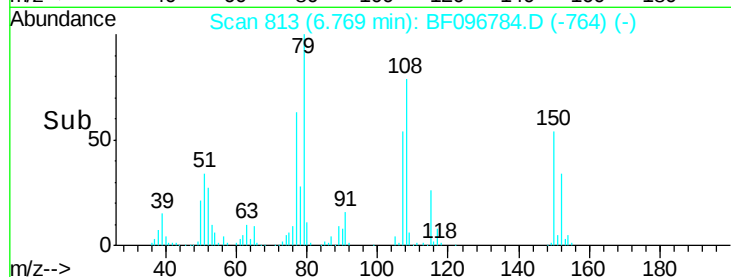
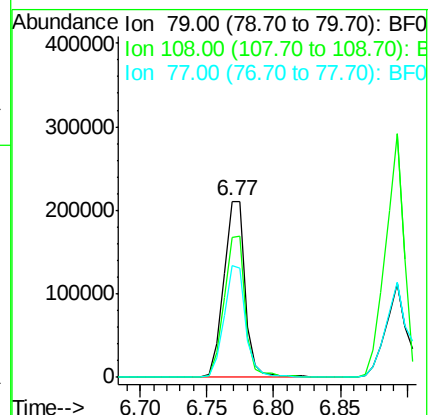
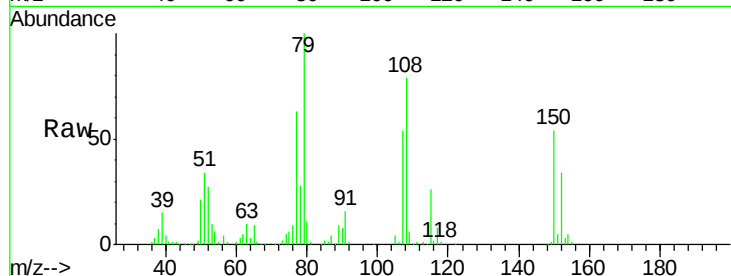
Tot Ion: 79 Resp: 241348

Ion Ratio Lower Upper

79 100

108 79.1 63.4 95.0

77 63.4 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.23 ng

RT: 6.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

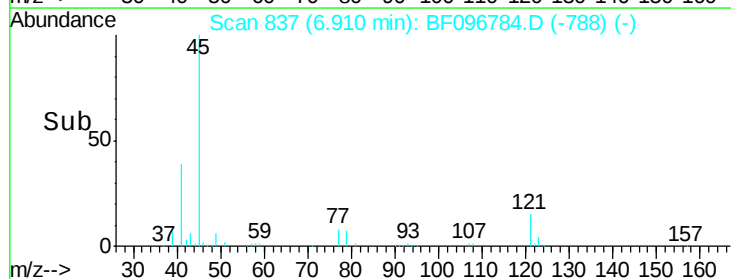
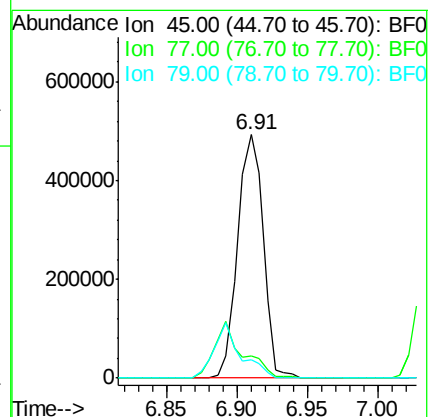
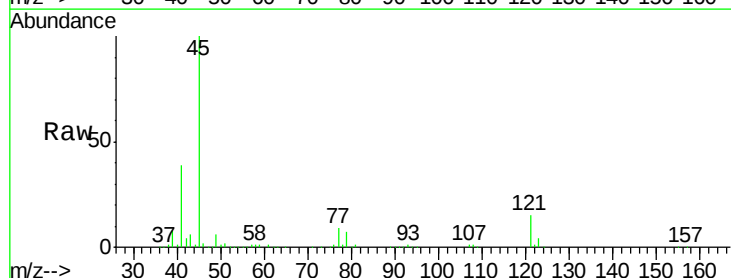
Tgt Ion: 45 Resp: 620217

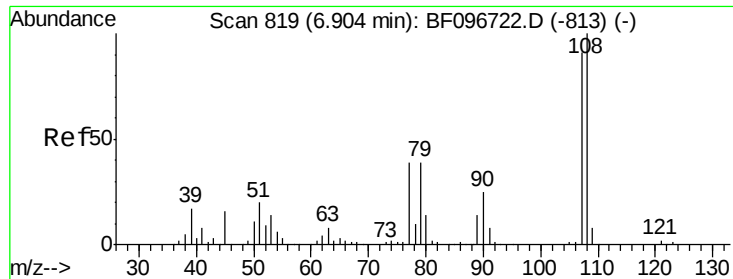
Ion Ratio Lower Upper

45 100

77 9.2 0.0 33.2

79 7.5 0.0 30.0

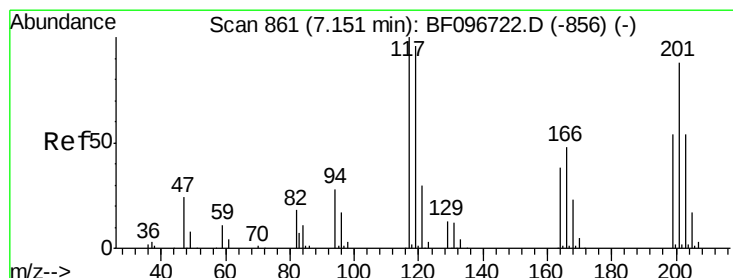
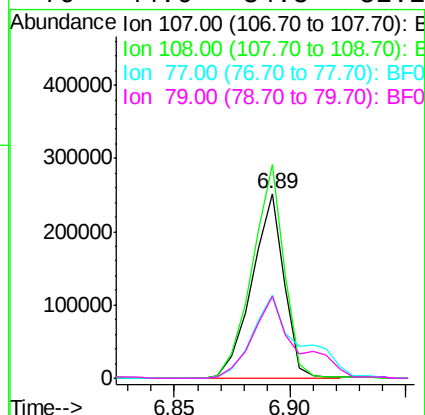
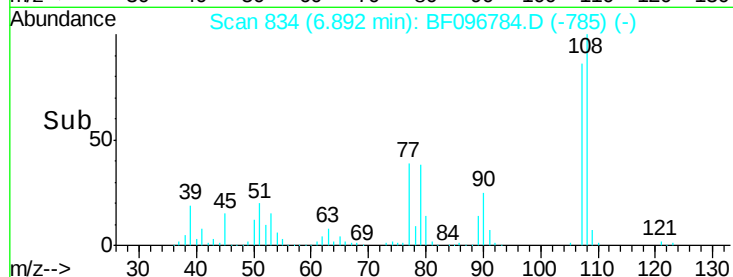
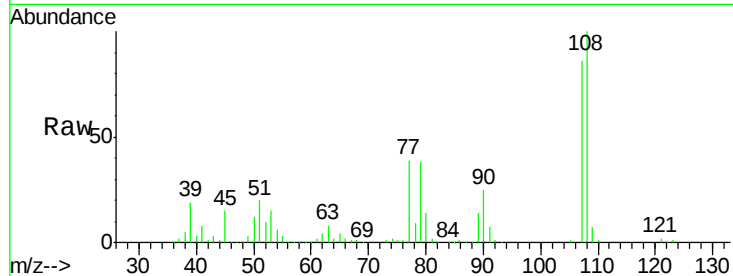




#17
2-Methylphenol
Concen: 40.99 ng
RT: 6.89 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

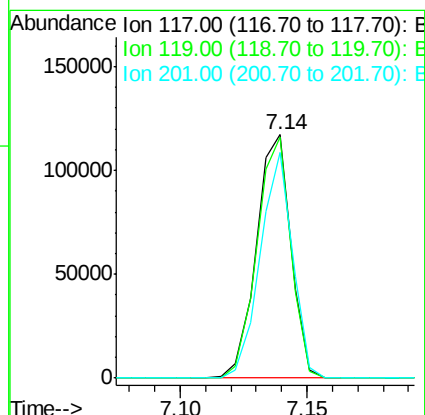
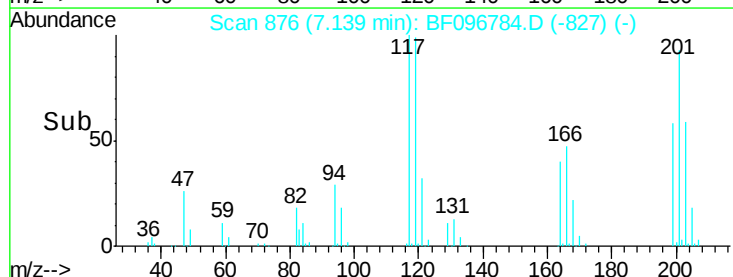
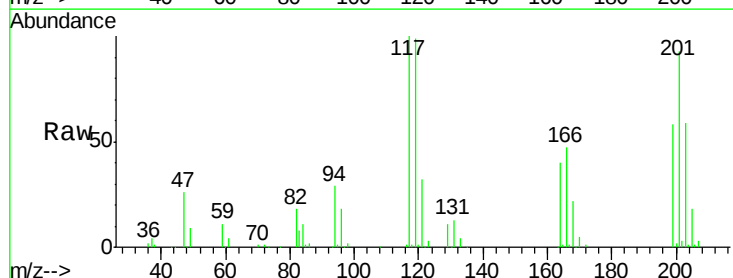
Instrument :
BNA_F
ClientSampleId :

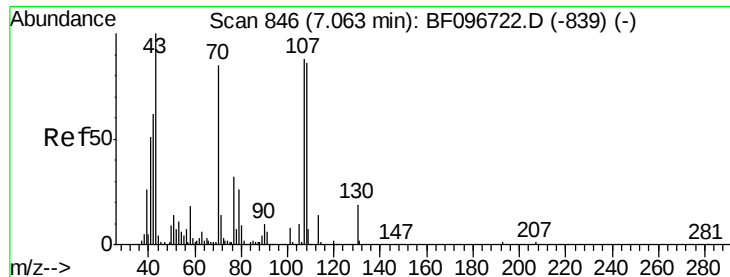
Tot Ion:107 Resp: 245703
Ion Ratio Lower Upper
107 100
108 115.8 93.4 140.0
77 45.2 35.8 53.6
79 44.6 34.8 52.2



#18
Hexachloroethane
Concen: 37.86 ng
RT: 7.14 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion:117 Resp: 111398
Ion Ratio Lower Upper
117 100
119 98.9 77.4 116.0
201 92.8 94.6 141.8#

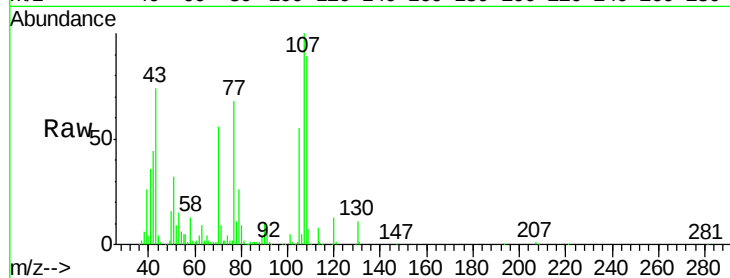




#19
n-Nitroso-di-n-propylamine
Concen: 38.78 ng
RT: 7.05 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.4	47.2	70.8#
101	8.9	7.2	10.8
130	19.0	15.9	23.9



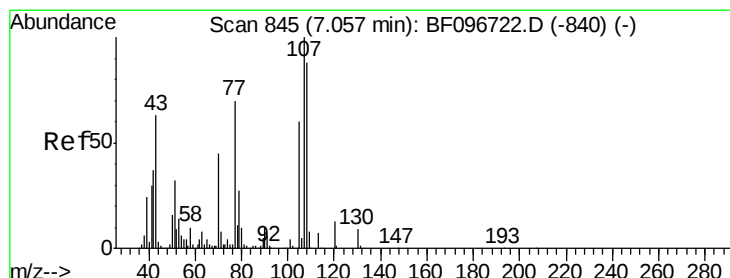
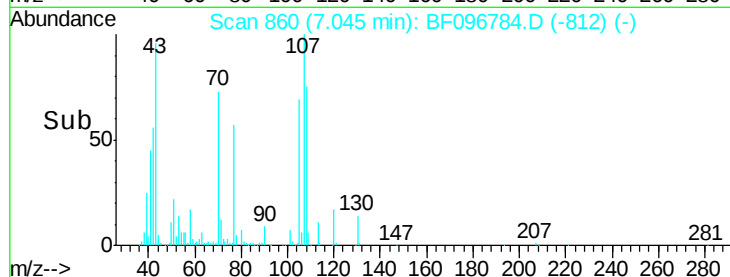
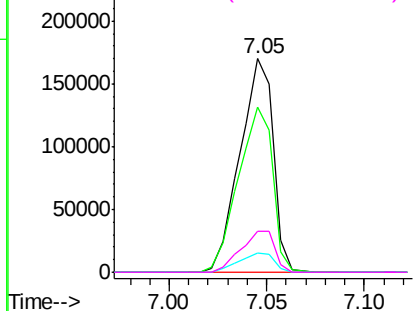
Abundance

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: 41.18 ng
RT: 7.05 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.0	111.0
77	68.3	90.5	130.5#
79	26.1	8.4	48.4

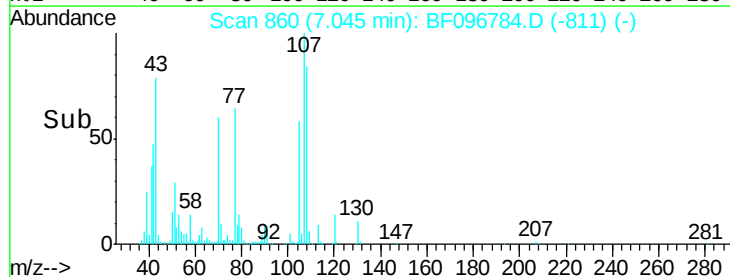
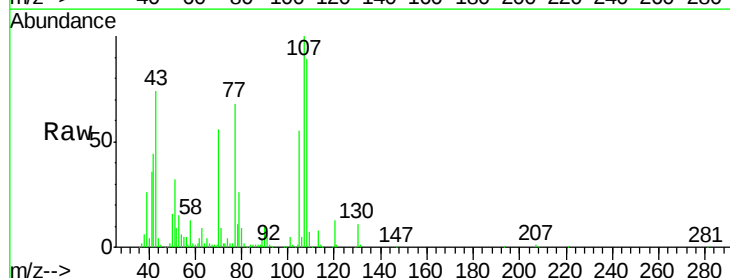
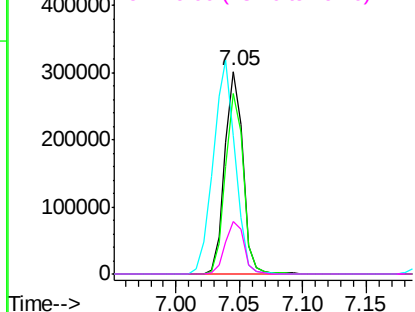
Abundance

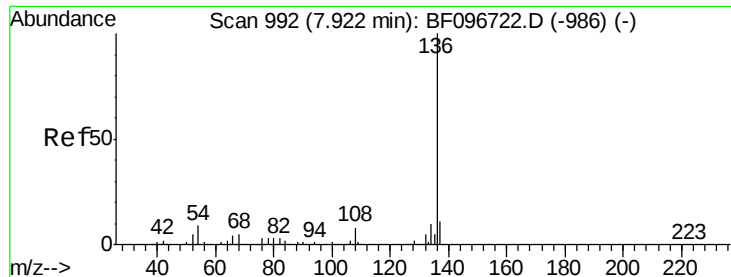
Ion 107.00 (106.70 to 107.70): E

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: 7.91 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096784.D

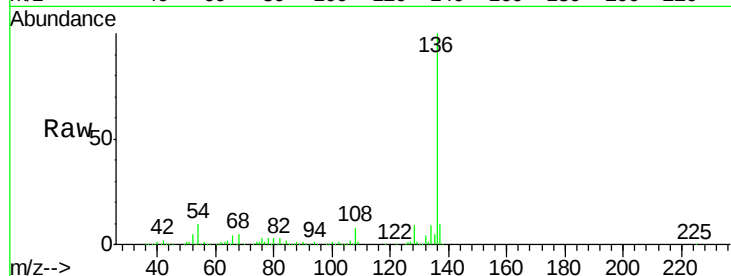
Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	448840
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	9.6	4.9 7.3#
68	5.3	4.1 6.1

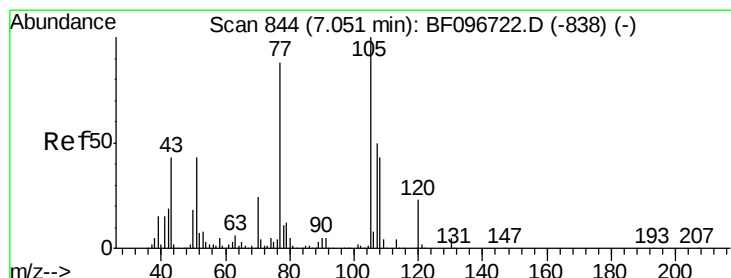
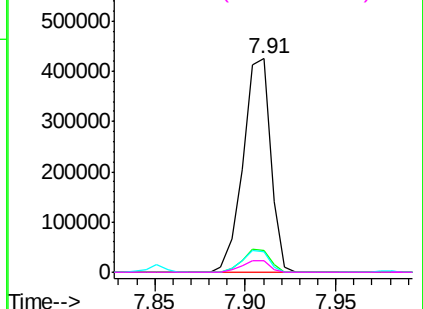
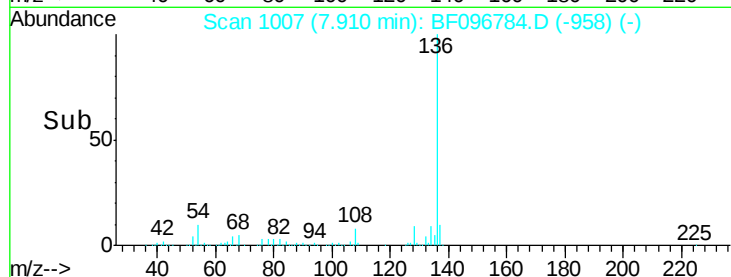


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.91 ng

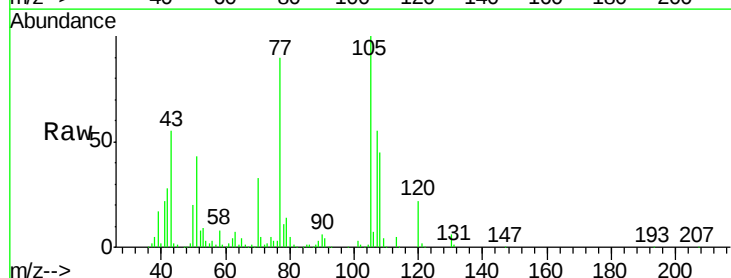
RT: 7.04 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Tgt Ion:105	Resp:	400342
Ion Ratio	Lower	Upper
105	100	
71	5.5	2.8 4.2#
51	42.9	30.7 46.1
120	22.1	17.4 26.0

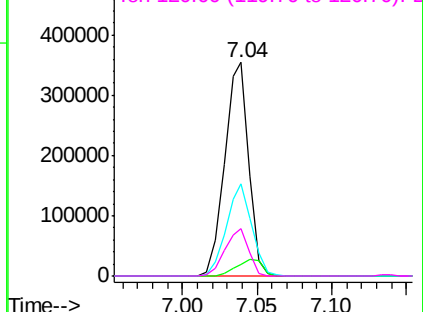
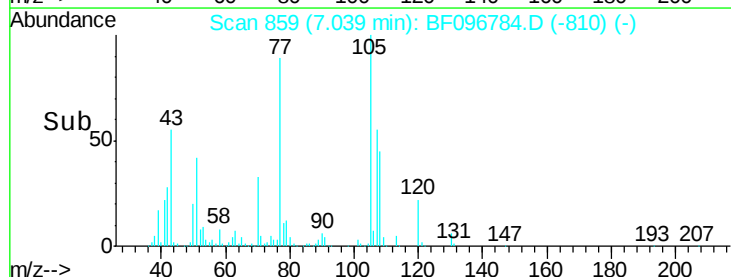


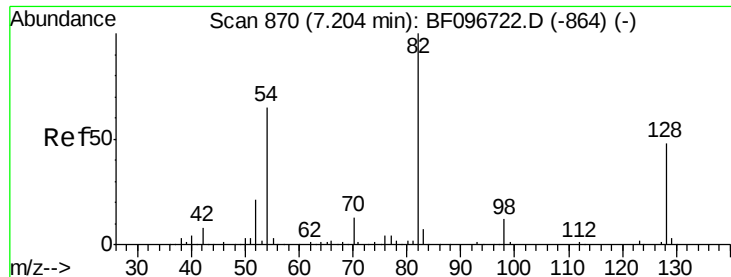
Abundance Ion 105.00 (104.70 to 105.70): E

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

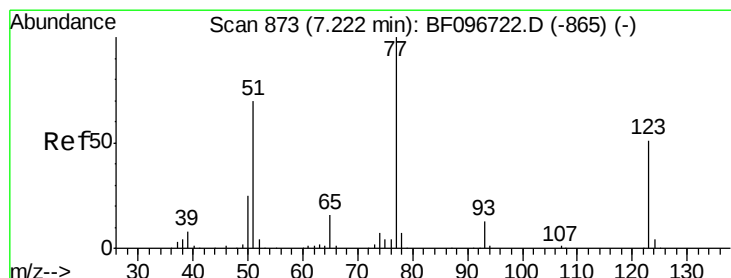
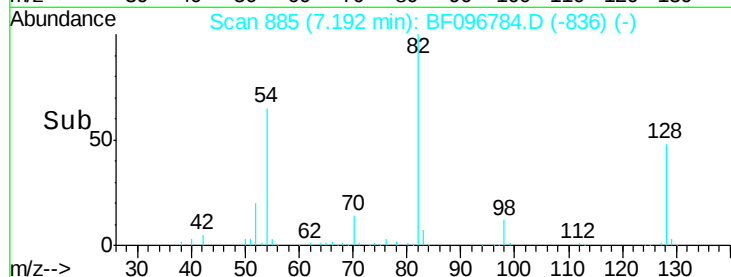
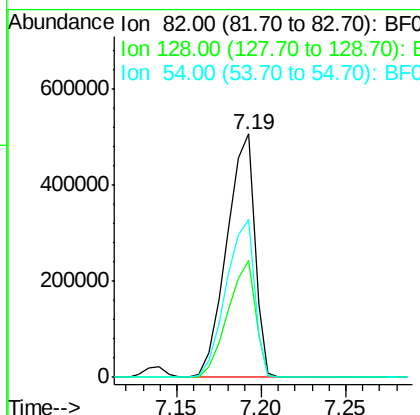
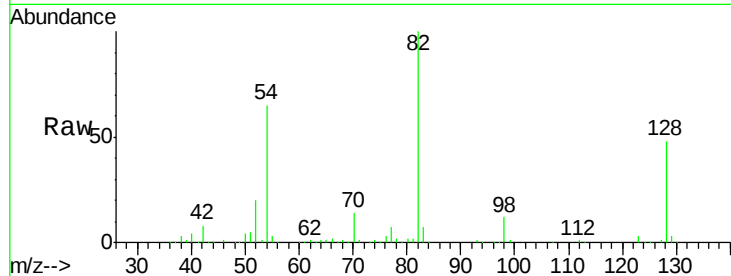




#23
Nitrobenzene-d5
Concen: 80.27 ng
RT: 7.19 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

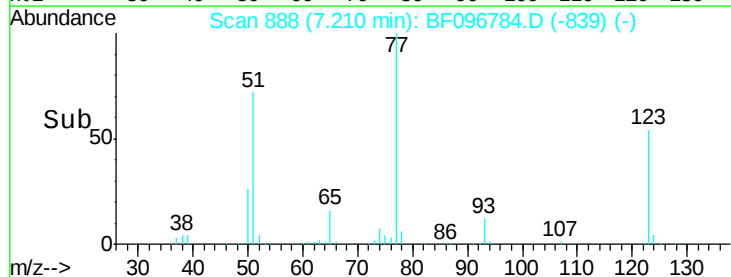
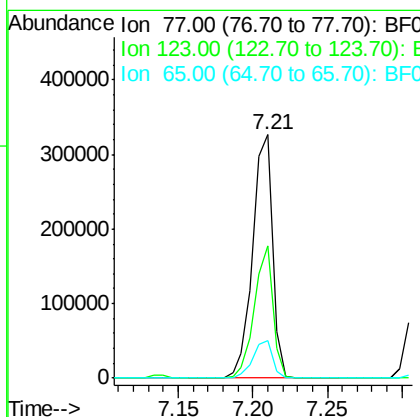
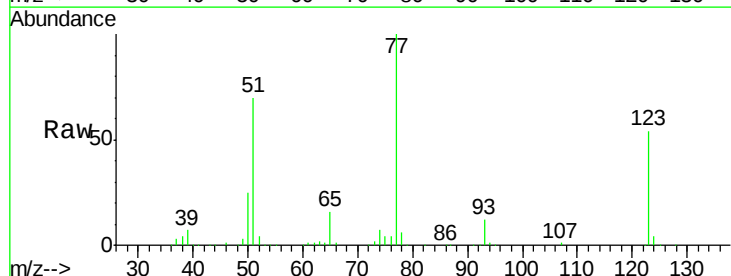
Instrument :
BNA_F
ClientSampleId :

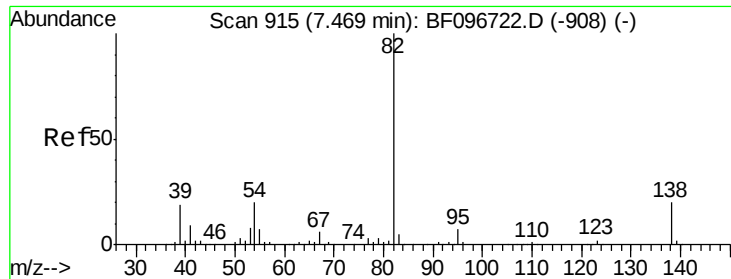
Tot Ion: 82 Resp: 581690
Ion Ratio Lower Upper
82 100
128 48.2 34.0 51.0
54 65.1 42.2 63.2#



#24
Nitrobenzene
Concen: 40.09 ng
RT: 7.21 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion: 77 Resp: 300450
Ion Ratio Lower Upper
77 100
123 54.3 35.8 53.8#
65 15.7 10.6 15.8





#25

Isophorone

Concen: 41.23 ng

RT: 7.45 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampleId :

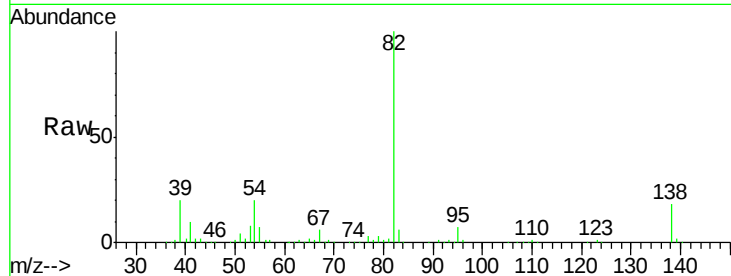
Tot Ion: 82 Resp: 555787

Ion Ratio Lower Upper

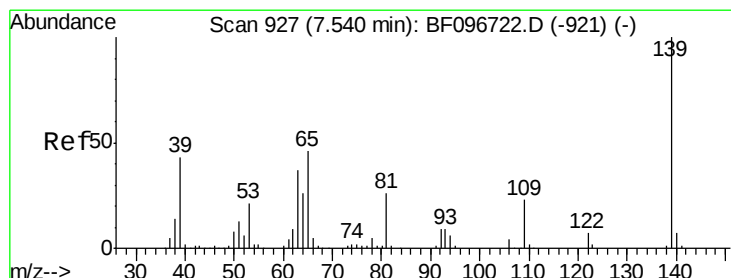
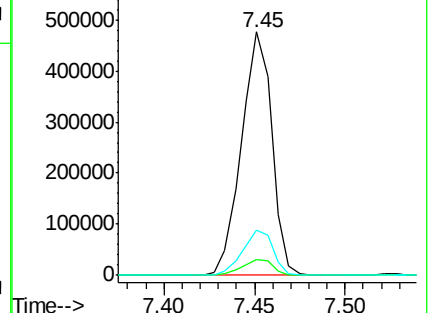
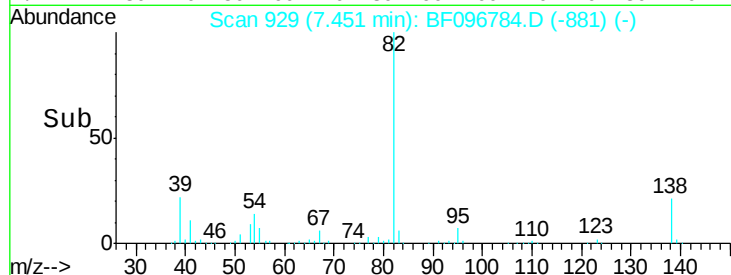
82 100

95 6.6 5.3 7.9

138 18.5 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.33 ng

RT: 7.53 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

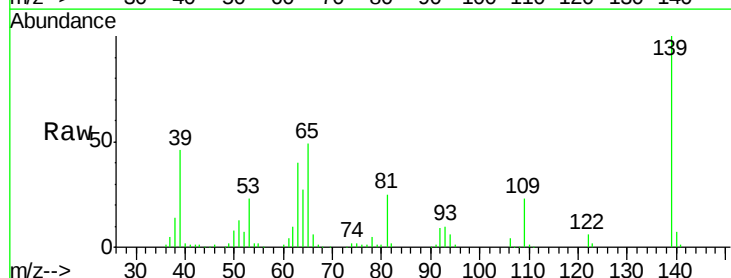
Tgt Ion: 139 Resp: 172246

Ion Ratio Lower Upper

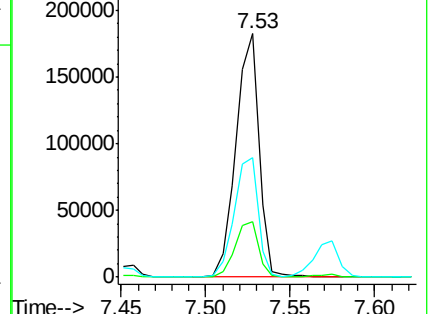
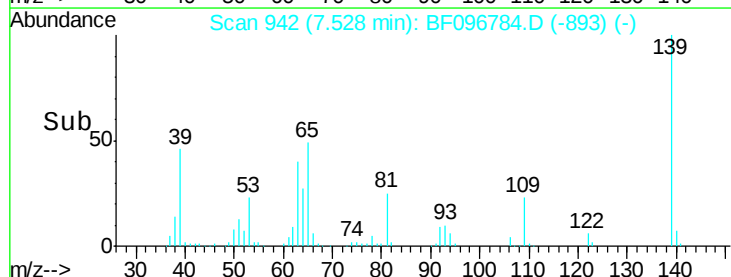
139 100

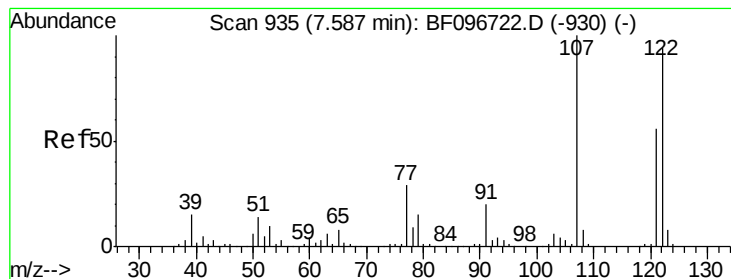
109 22.6 21.0 31.6

65 49.0 33.0 49.6



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

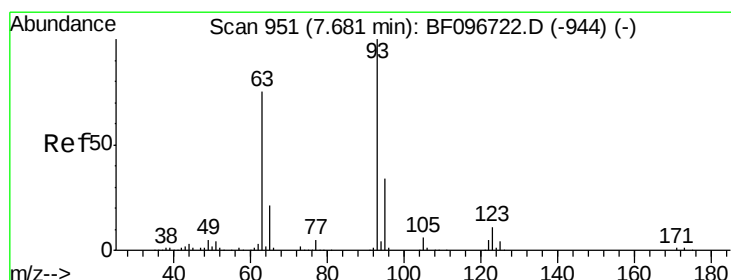
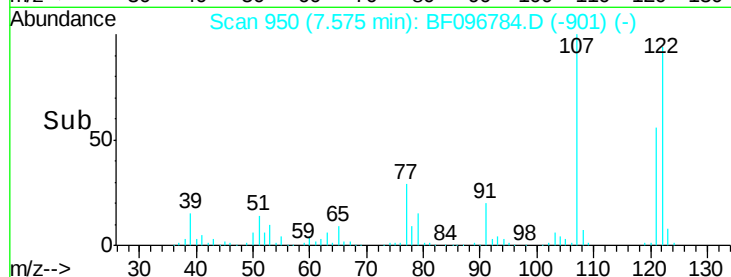
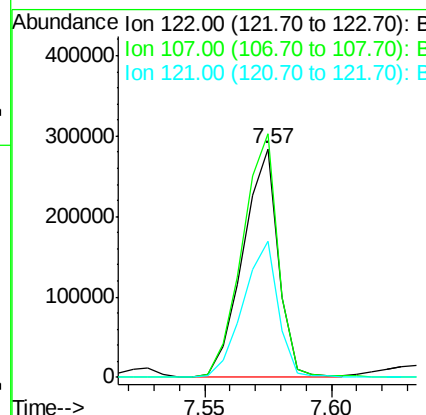
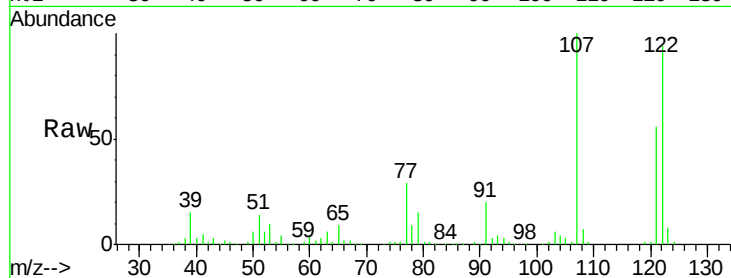




#27
 2,4-Dimethylphenol
 Concen: 40.49 ng
 RT: 7.57 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

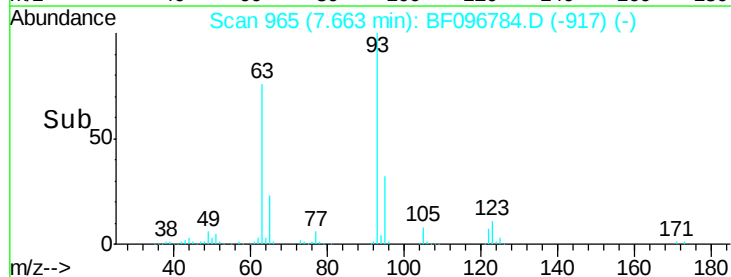
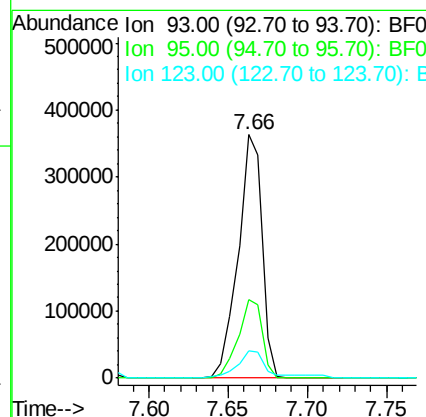
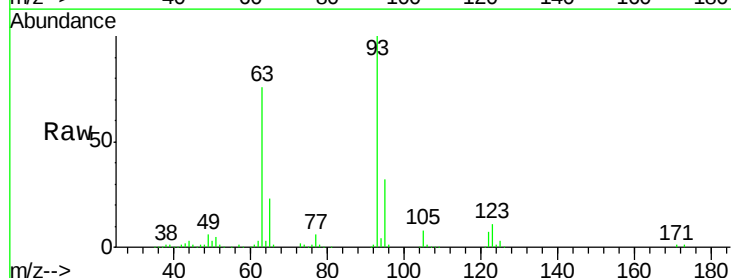
Instrument :
 BNA_F
 ClientSampleId :

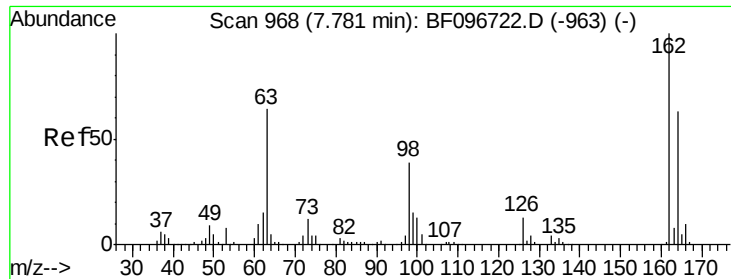
Tot Ion:122 Resp: 277605
 Ion Ratio Lower Upper
 122 100
 107 106.5 89.2 133.8
 121 59.6 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.73 ng
 RT: 7.66 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Tgt Ion: 93 Resp: 380160
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 11.1 9.0 13.4

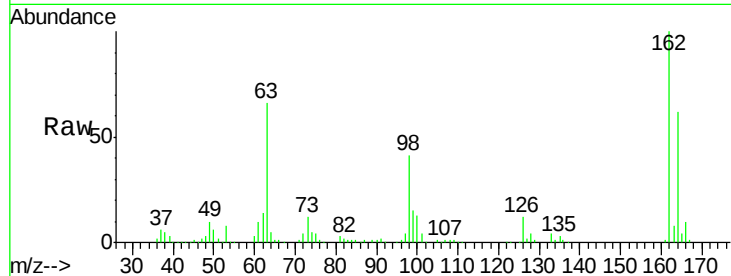




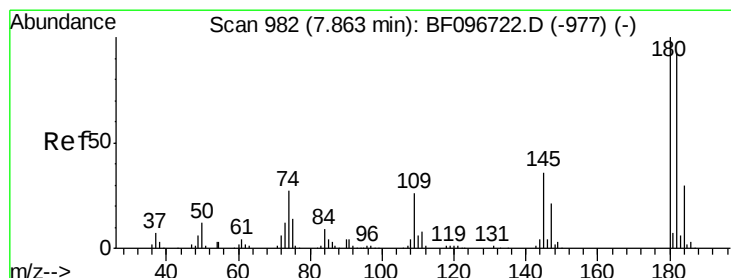
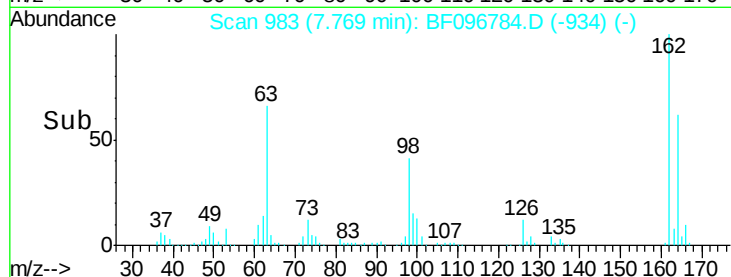
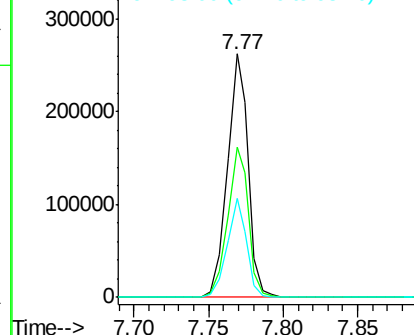
#29
 2,4-Dichlorophenol
 Concen: 41.45 ng
 RT: 7.77 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 257242
 Ion Ratio Lower Upper
 162 100
 164 61.9 44.6 84.6
 98 40.5 14.8 54.8

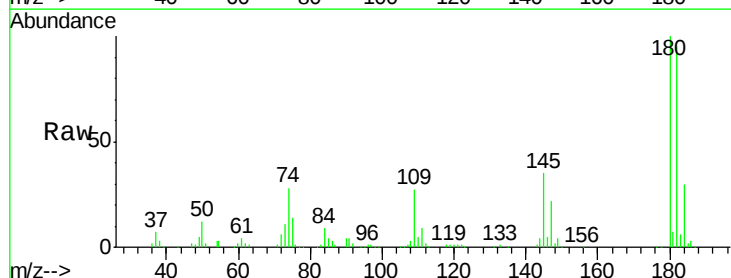


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

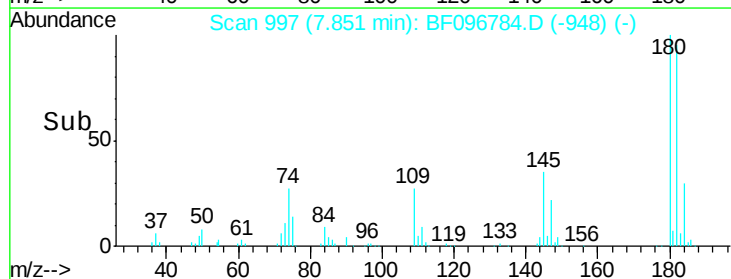
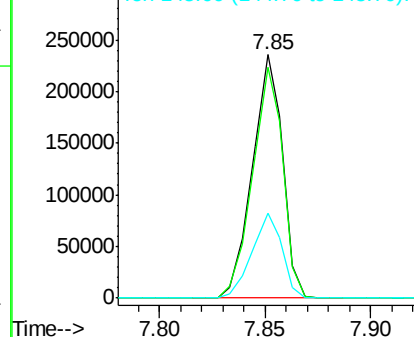


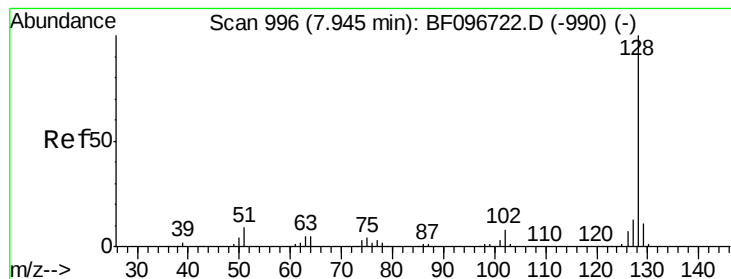
#30
 1,2,4-Trichlorobenzene
 Concen: 39.52 ng
 RT: 7.85 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Tgt Ion:180 Resp: 233169
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.8 113.6
 145 34.9 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: 40.13 ng

RT: 7.93 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampled :

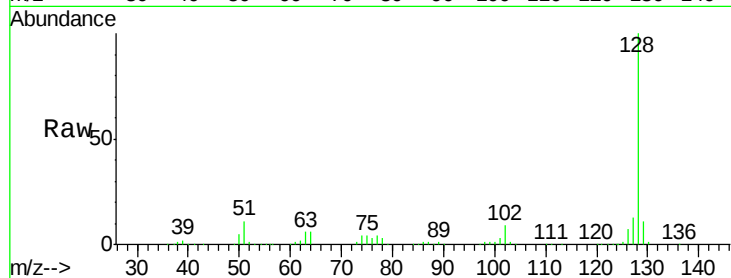
Tot Ion:128 Resp: 853327

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

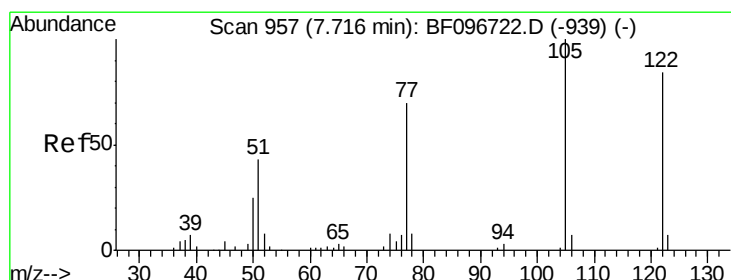
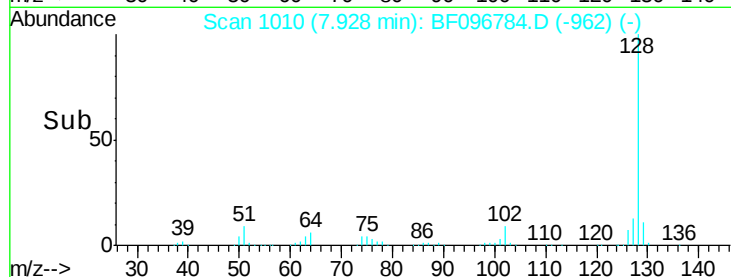
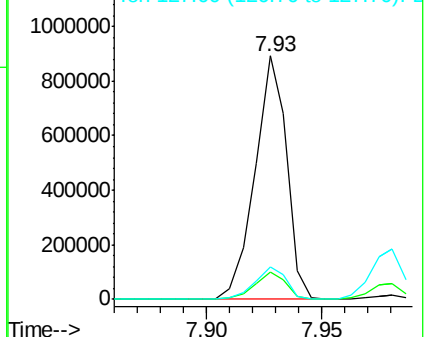
127 13.3 10.8 16.2



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: 45.61 ng

RT: 7.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

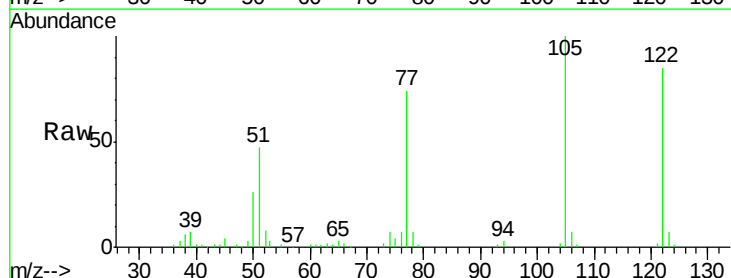
Tgt Ion:122 Resp: 199825

Ion Ratio Lower Upper

122 100

105 117.4 103.3 143.3

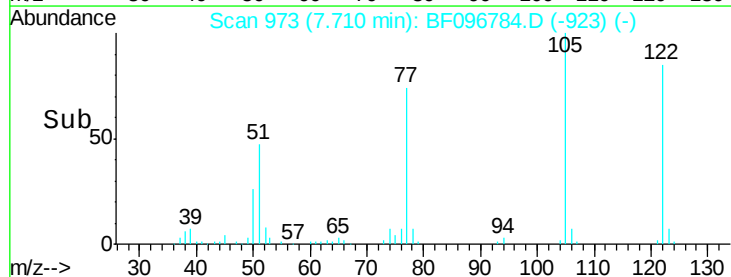
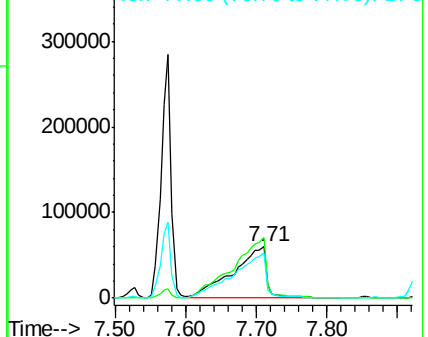
77 87.0 73.7 113.7

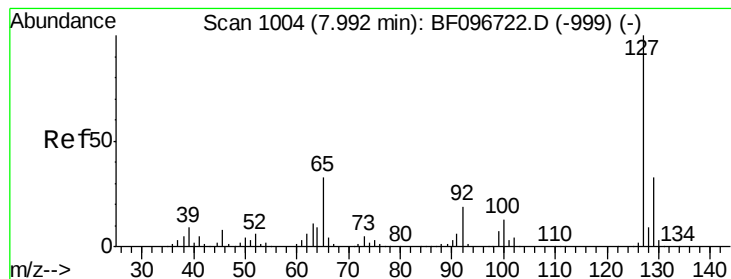


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 22.74 ng

RT: 7.98 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 191596

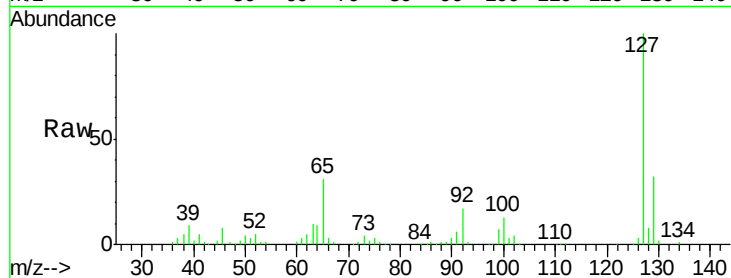
Ion Ratio Lower Upper

127 100

129 32.1 26.2 39.2

65 31.1 27.8 41.8

92 17.4 16.8 25.2

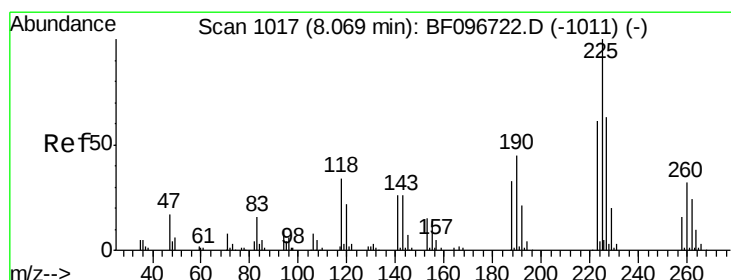
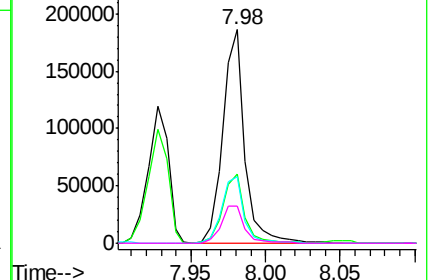
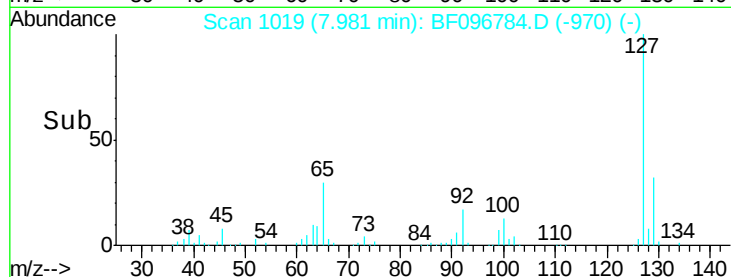


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.65 ng

RT: 8.06 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

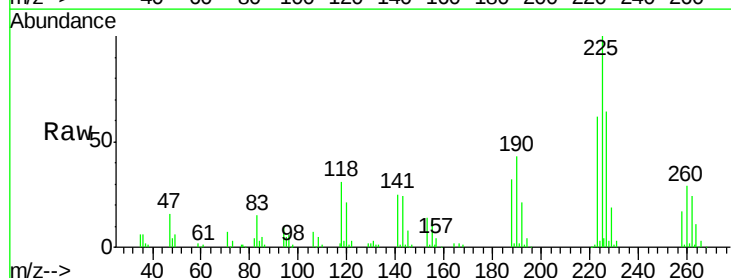
Tgt Ion:225 Resp: 121747

Ion Ratio Lower Upper

225 100

223 62.0 48.8 73.2

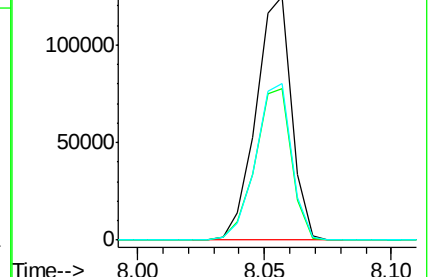
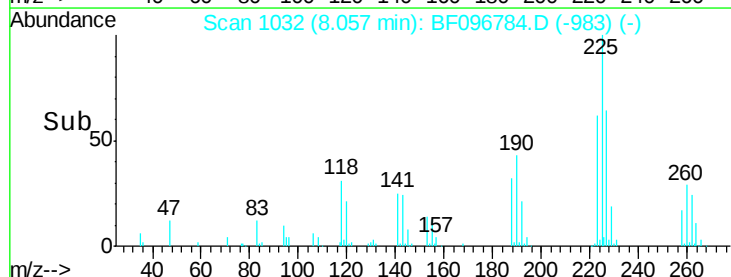
227 64.5 51.1 76.7

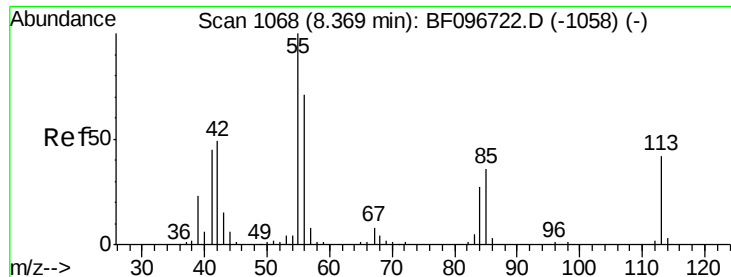


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.27 ng

RT: 8.35 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampleId :

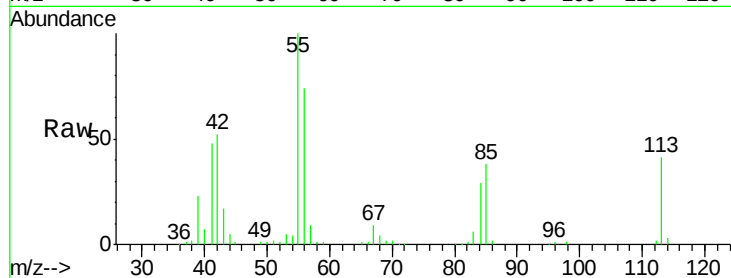
Tot Ion:113 Resp: 50250

Ion Ratio Lower Upper

113 100

55 246.2 150.2 190.2#

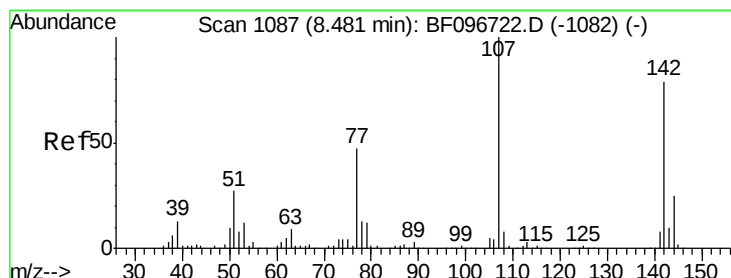
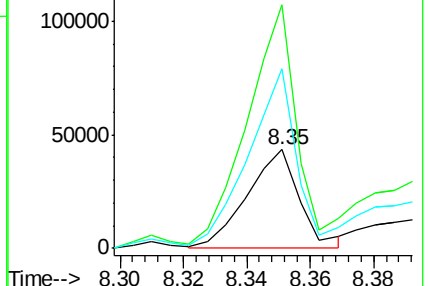
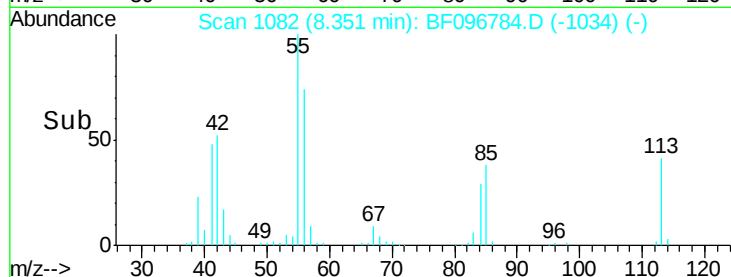
56 182.0 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.89 ng

RT: 8.47 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

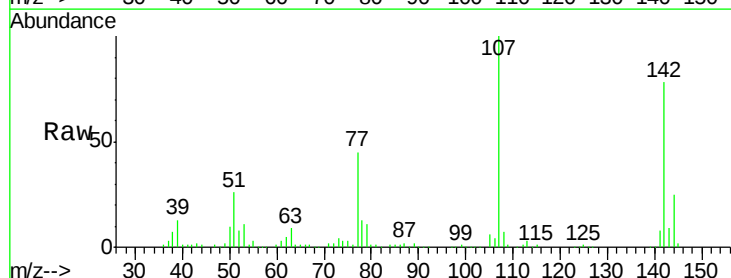
Tgt Ion:107 Resp: 279511

Ion Ratio Lower Upper

107 100

144 25.2 24.2 36.4

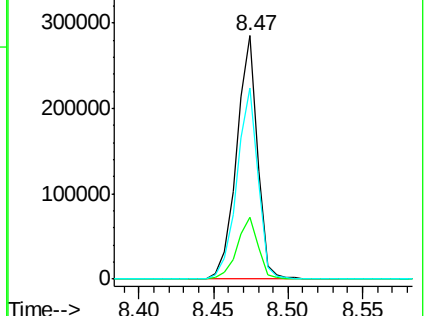
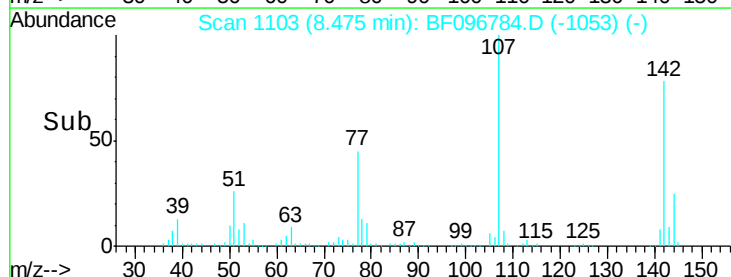
142 78.5 73.4 110.0

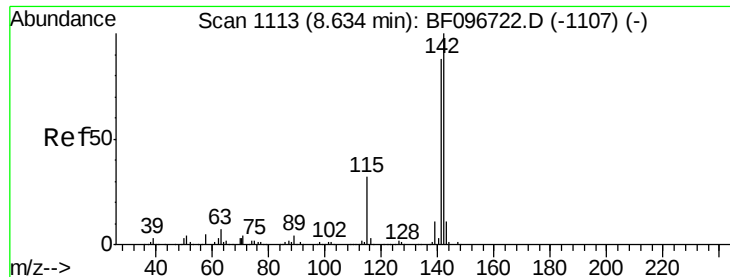


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

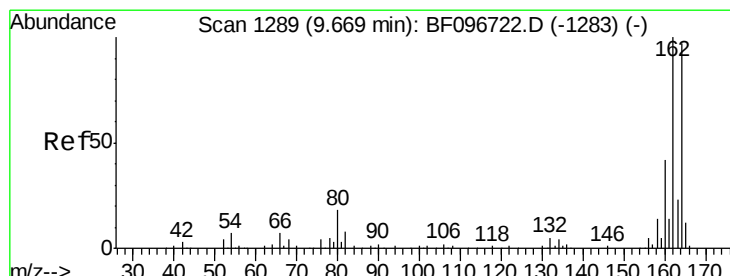
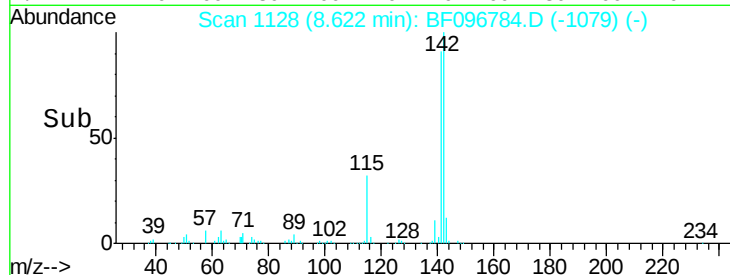
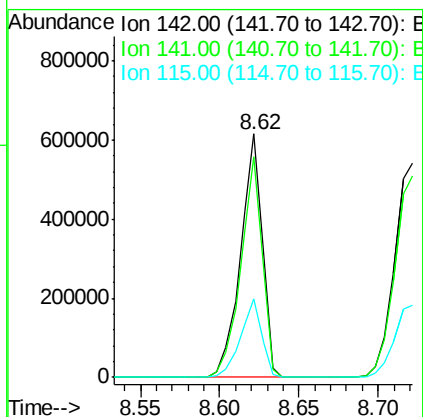
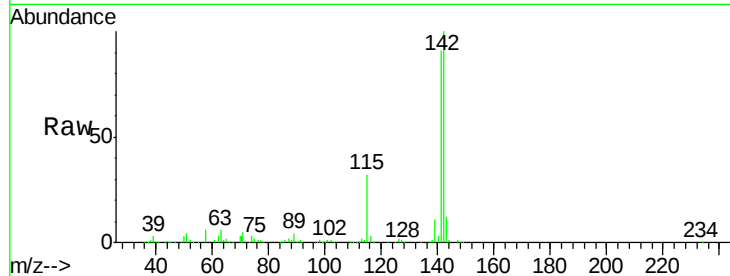




#37
2-Methylnaphthalene
Concen: 42.84 ng
RT: 8.62 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

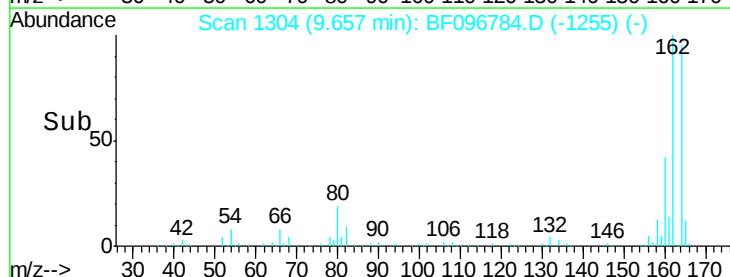
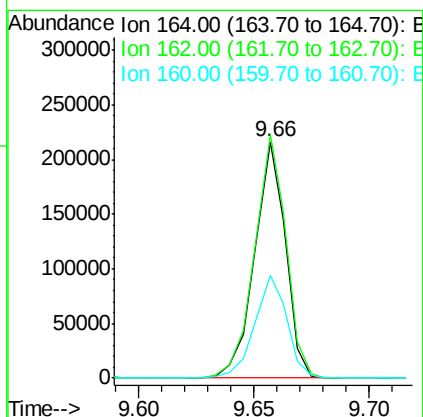
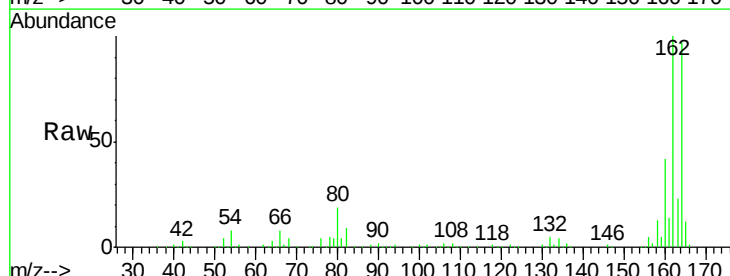
Instrument :
BNA_F
ClientSampleId :

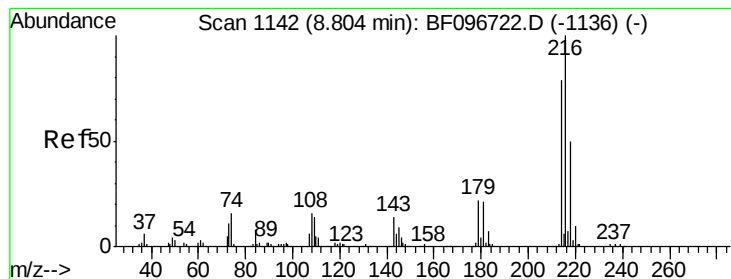
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.3	106.9
115	32.2	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	43.3	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.90 ng

RT: 8.79 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 201053

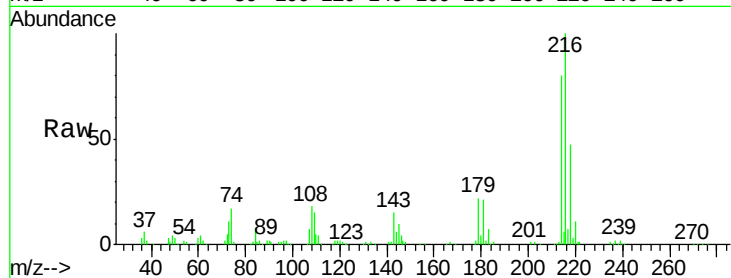
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 22.3 17.9 26.9

108 22.4 16.5 24.7

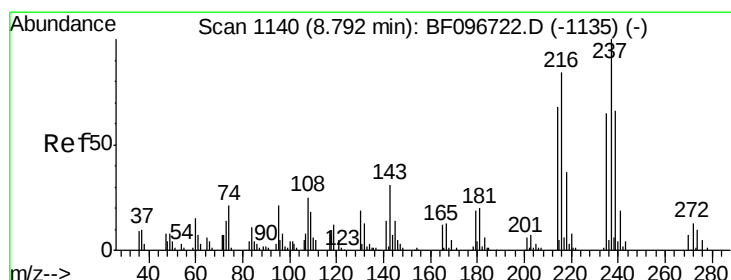
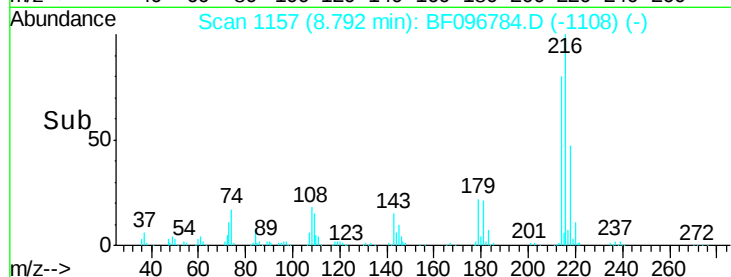
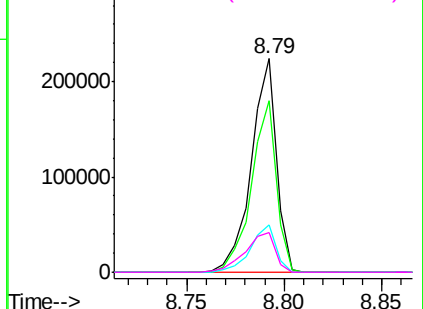


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.79 ng

RT: 8.78 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

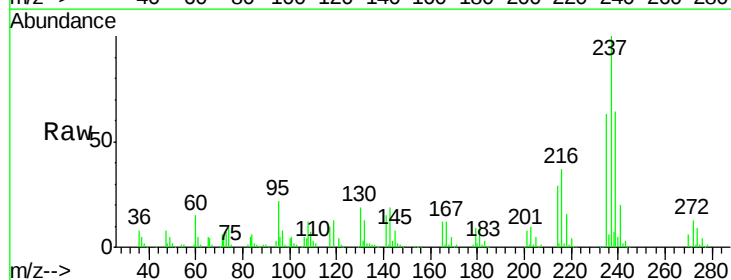
Tgt Ion:237 Resp: 172206

Ion Ratio Lower Upper

237 100

235 63.3 42.6 82.6

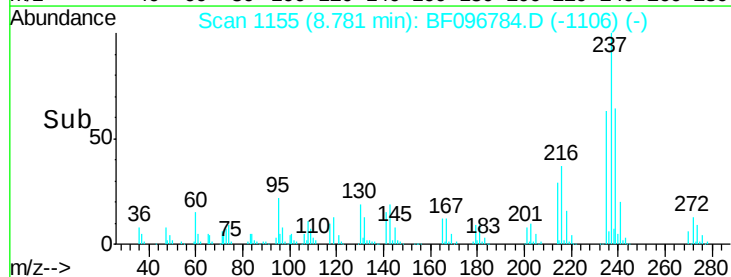
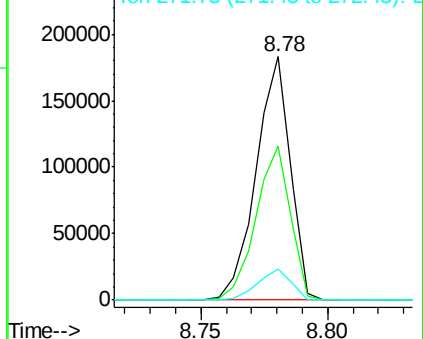
272 12.7 0.0 31.9

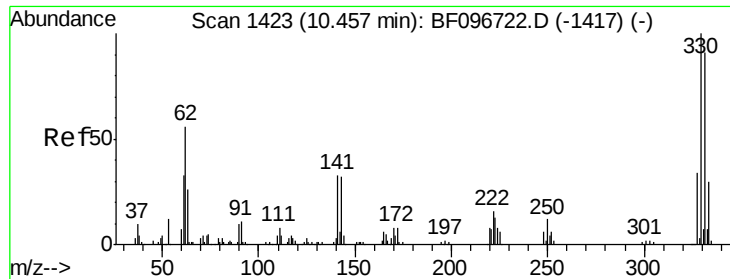


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

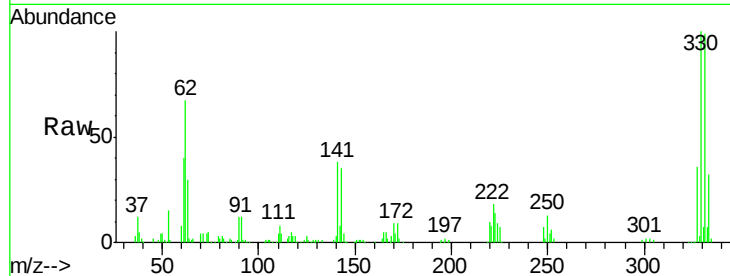




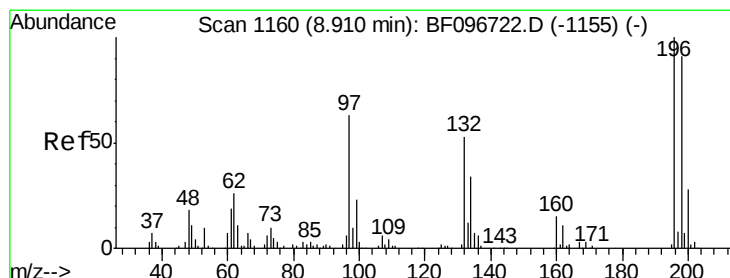
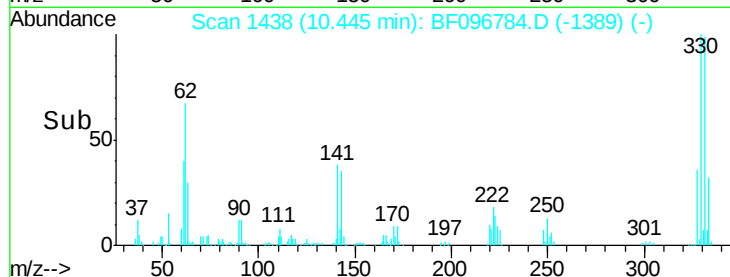
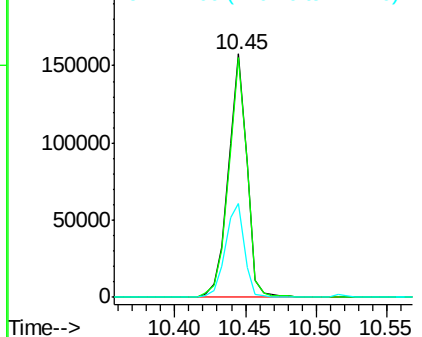
#41
 2,4,6-Tribromophenol
 Concen: 83.43 ng
 RT: 10.45 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 143528
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 39.9 31.4 47.2

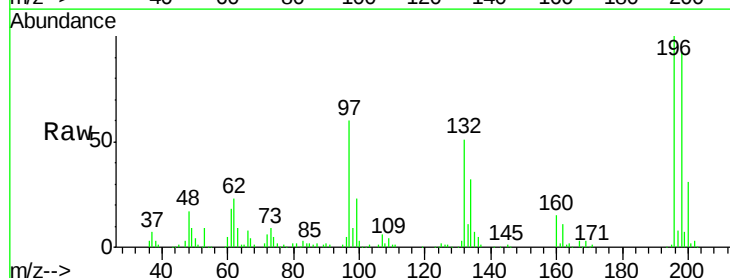


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

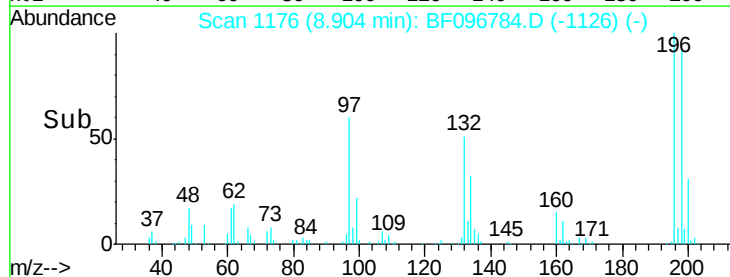
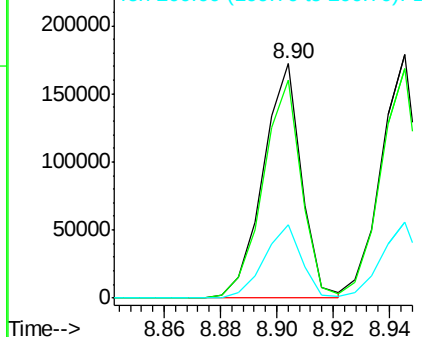


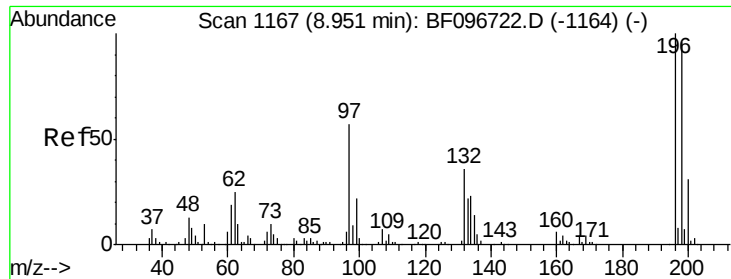
#42
 2,4,6-Trichlorophenol
 Concen: 40.39 ng
 RT: 8.90 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Tgt Ion:196 Resp: 162313
 Ion Ratio Lower Upper
 196 100
 198 92.8 74.2 111.4
 200 31.2 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

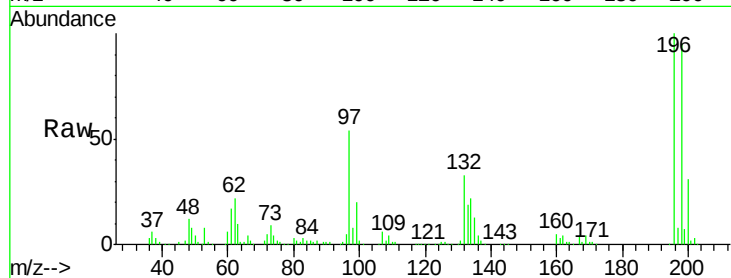




#43
 2,4,5-Trichlorophenol
 Concen: 42.28 ng
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	171369
Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.7	113.5
97	53.9	47.7	71.5
132	32.7	28.0	42.0



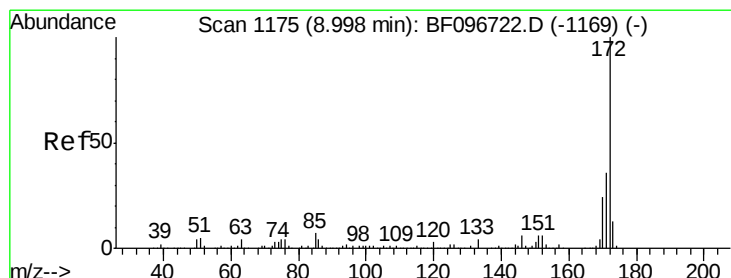
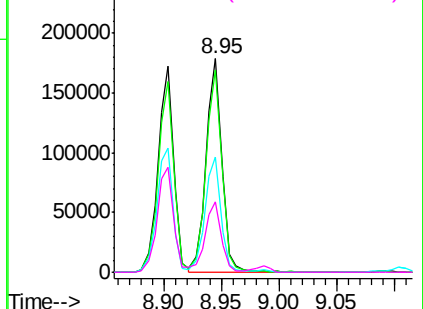
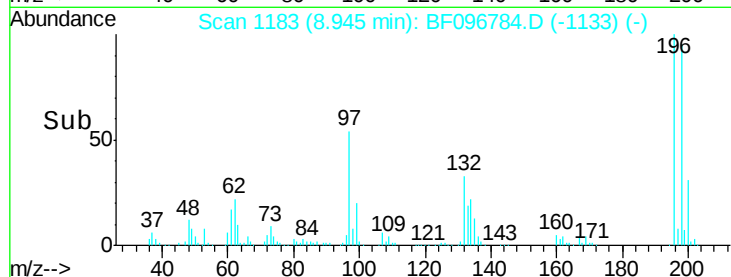
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

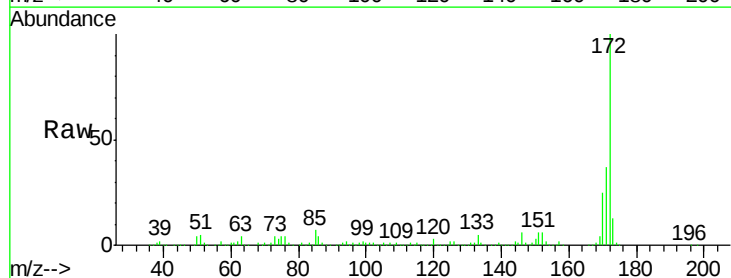
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.54 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Tgt Ion	172	Resp	1027425
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.7	19.8	29.8

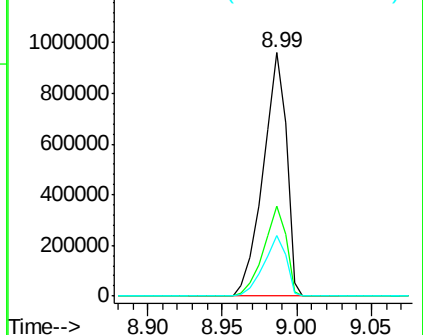
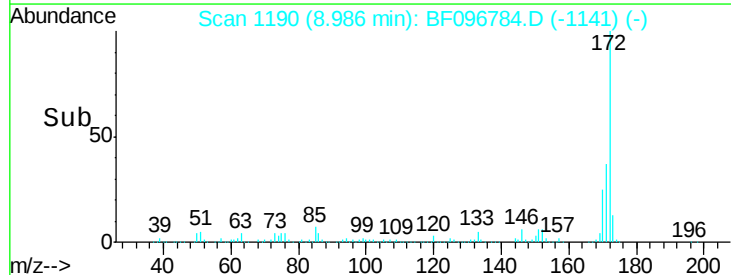


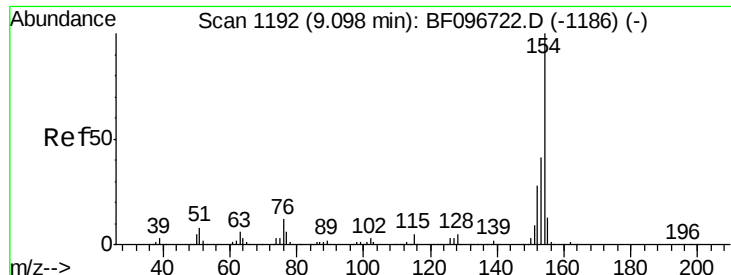
Abundance

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

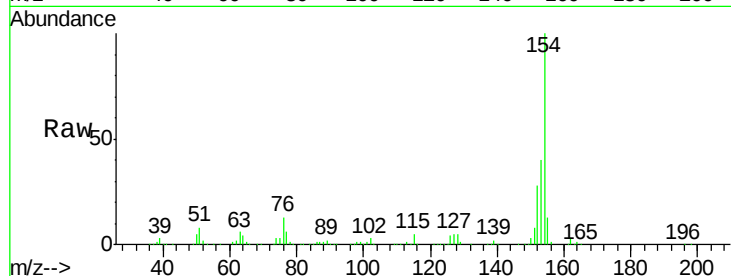




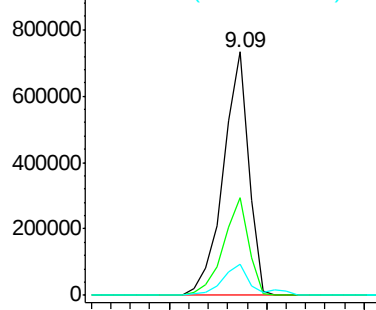
#45
 1,1'-Biphenyl
 Concen: 38.24 ng
 RT: 9.09 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :

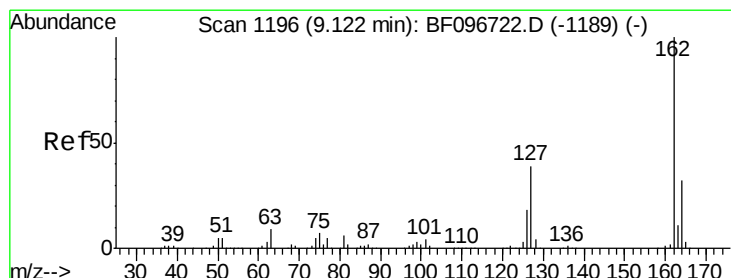
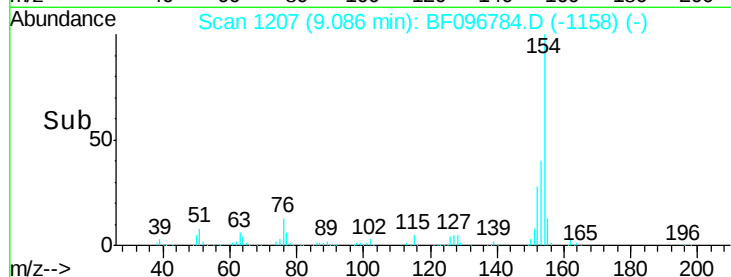
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.2	61.2
76	12.7	0.0	29.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

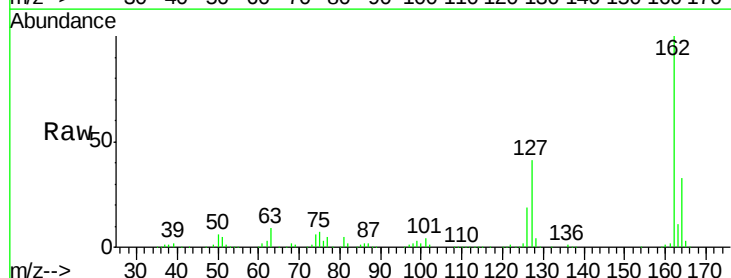


Time-->

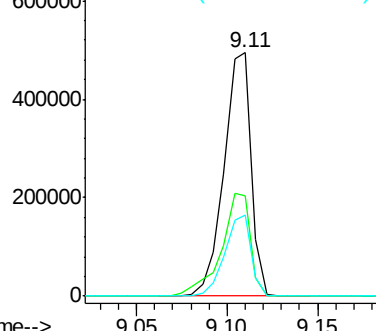


#46
 2-Chloronaphthalene
 Concen: 40.58 ng
 RT: 9.11 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

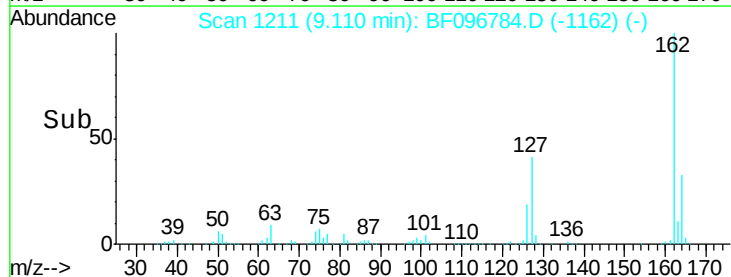
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	28.3	42.5
164	33.5	27.0	40.4

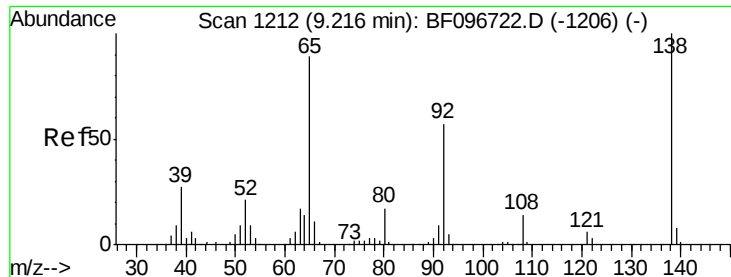


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->

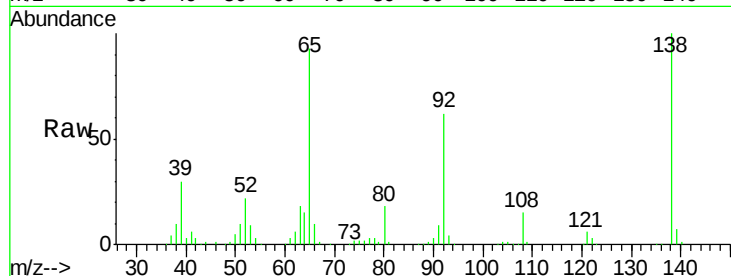




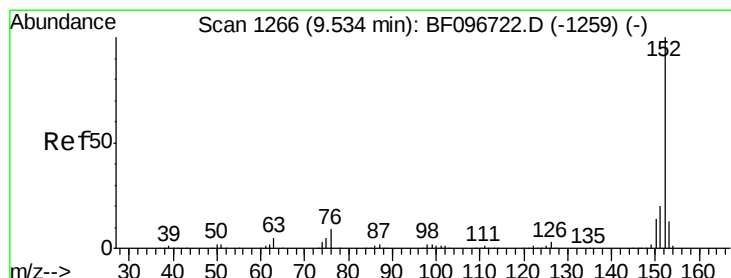
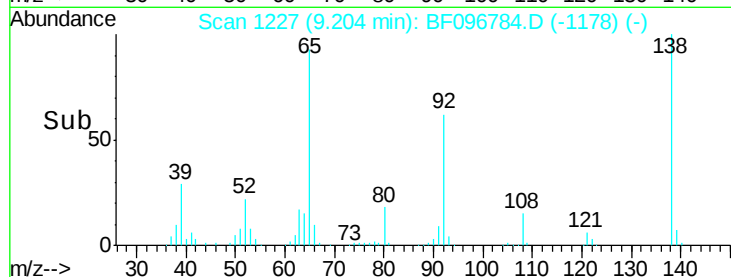
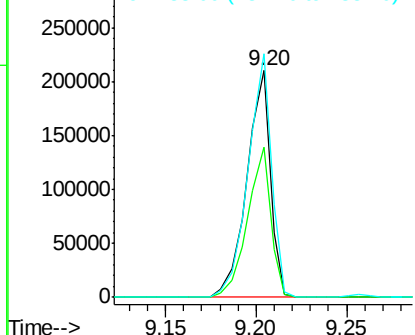
#47
2-Nitroaniline
Concen: 43.34 ng
RT: 9.20 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 189600
Ion Ratio Lower Upper
65 100
92 66.5 53.9 80.9
138 107.4 78.8 118.2

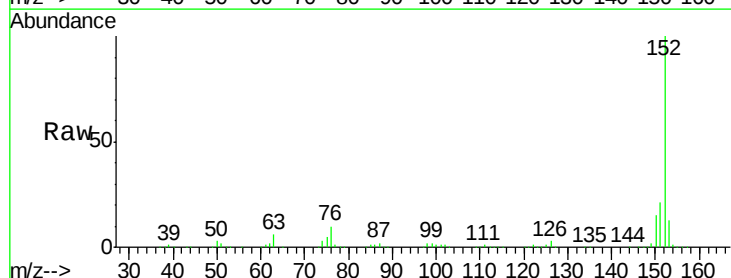


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

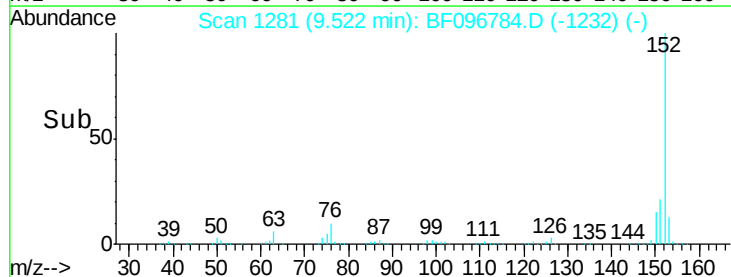
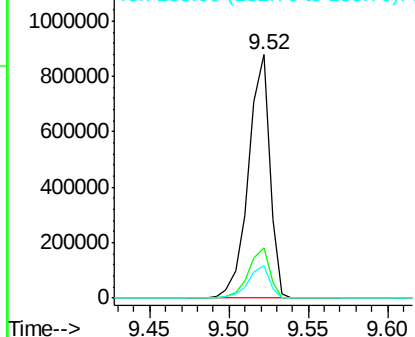


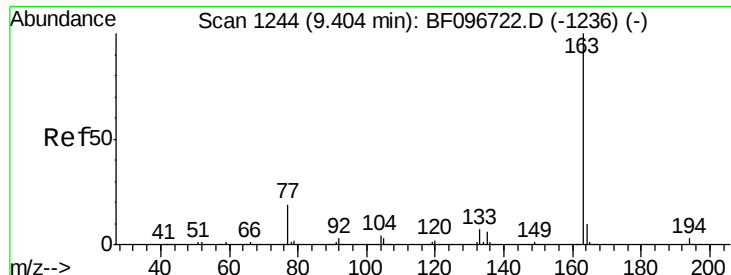
#48
Acenaphthylene
Concen: 40.39 ng
RT: 9.52 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion: 152 Resp: 819052
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.1 10.8 16.2



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

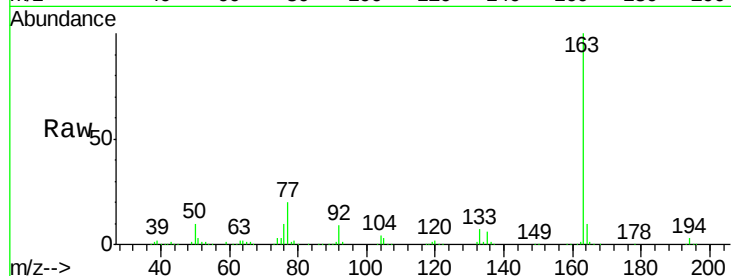




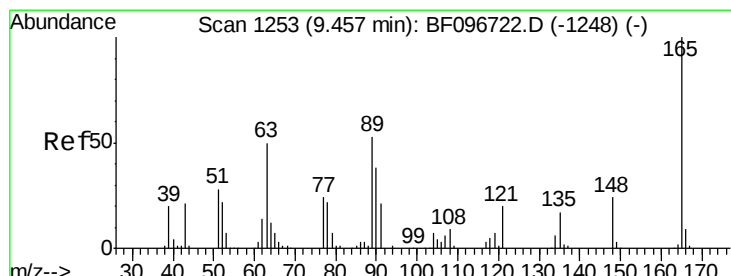
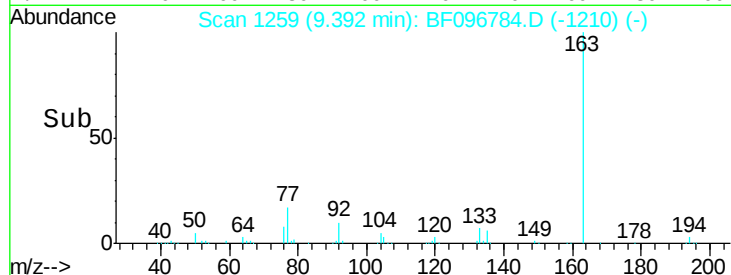
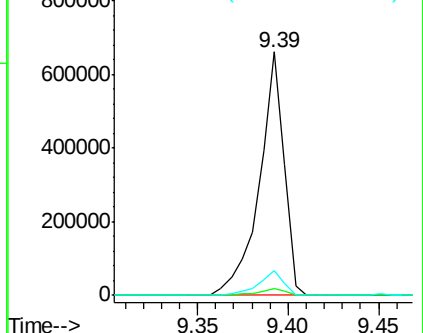
#49
Dimethylphthalate
Concen: 41.43 ng
RT: 9.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 628755
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.2 8.4 12.6

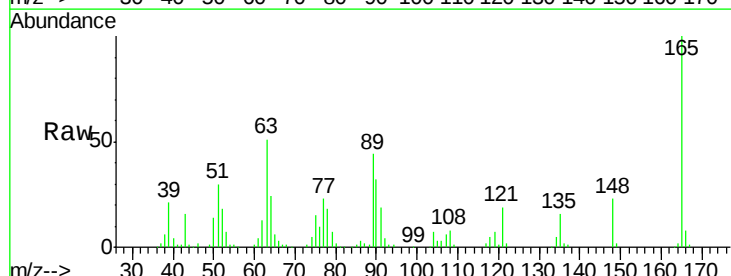


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

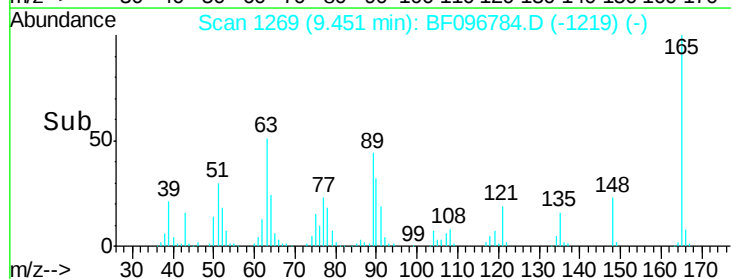
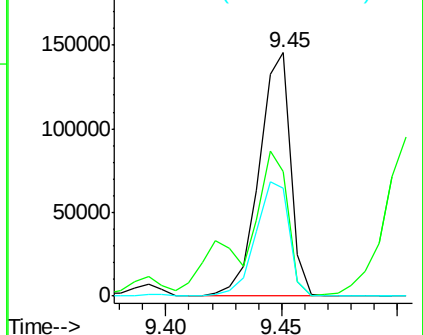


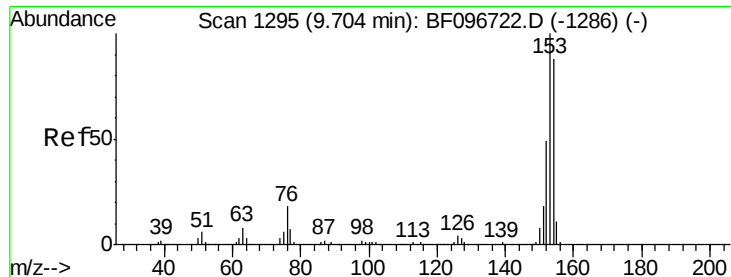
#50
2,6-Dinitrotoluene
Concen: 42.09 ng
RT: 9.45 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion:165 Resp: 138361
Ion Ratio Lower Upper
165 100
63 51.1 34.3 51.5
89 44.5 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: 39.35 ng

RT: 9.69 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :
BNA_F
ClientSampleId :

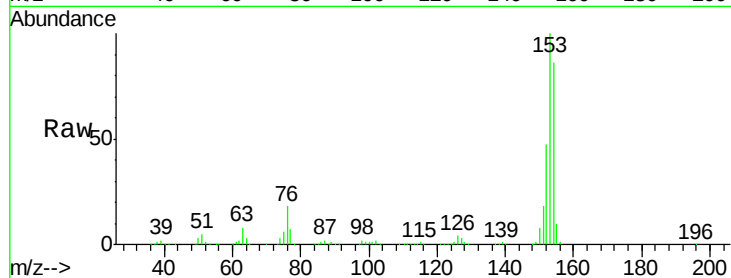
Tot Ion:154 Resp: 471395

Ion Ratio Lower Upper

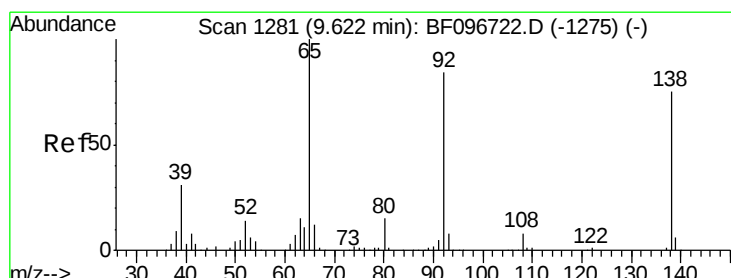
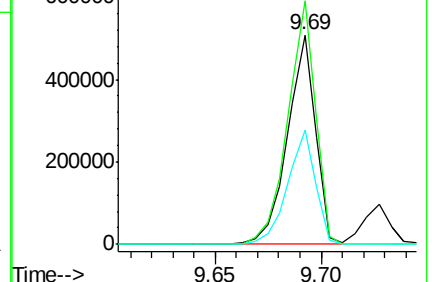
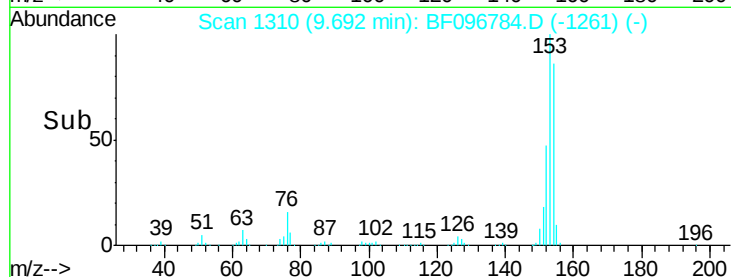
154 100

153 116.3 90.5 135.7

152 54.9 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: 27.61 ng

RT: 9.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

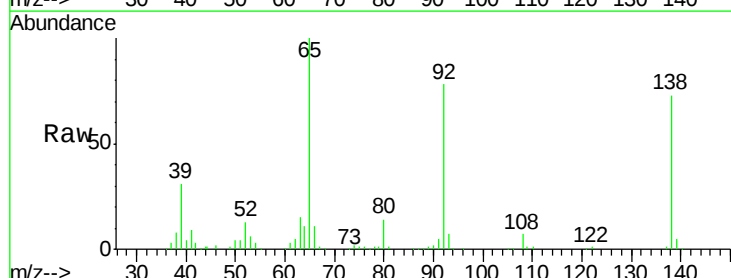
Tgt Ion:138 Resp: 107509

Ion Ratio Lower Upper

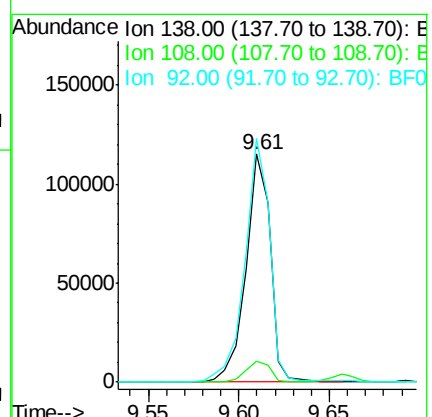
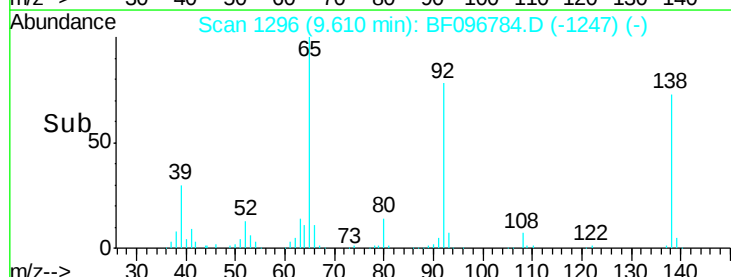
138 100

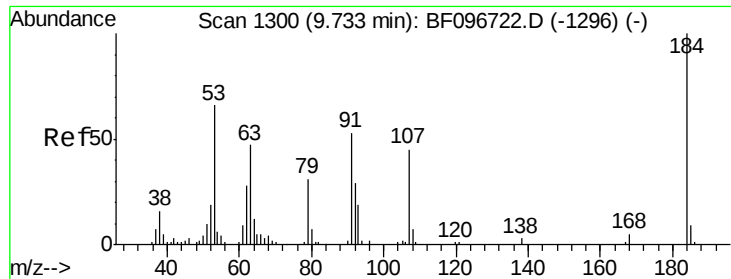
108 9.3 9.1 13.7

92 106.7 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

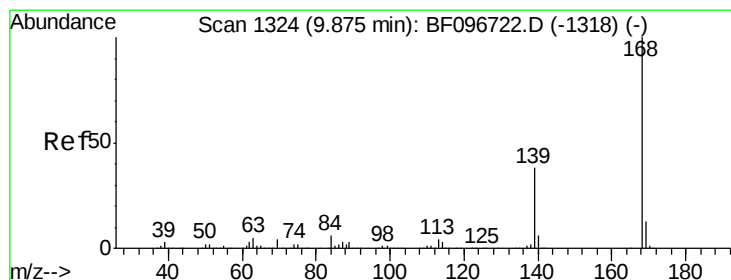
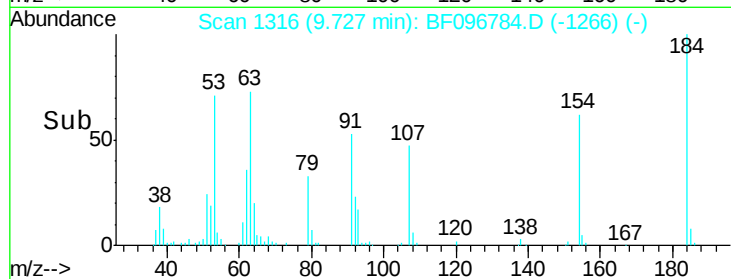
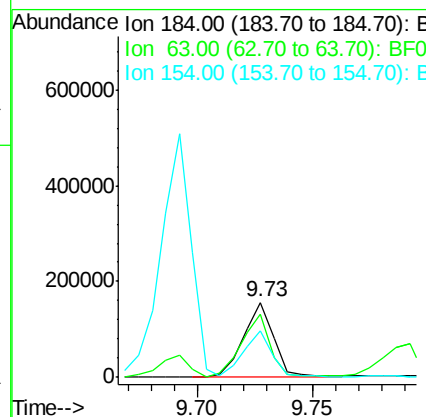
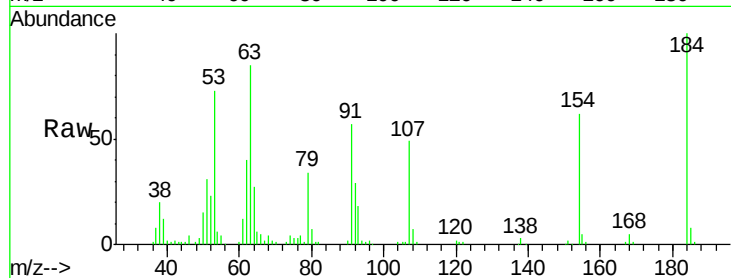




#53
2,4-Dinitrophenol
Concen: 88.01 ng
RT: 9.73 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

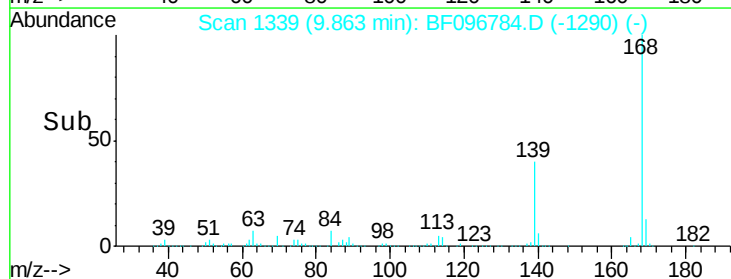
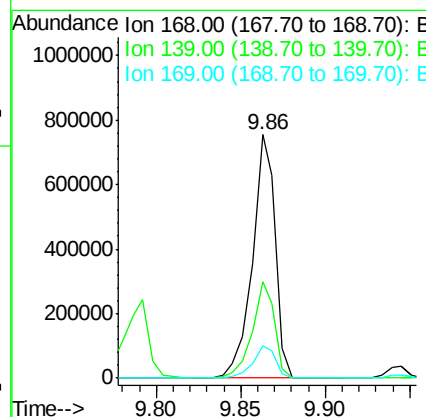
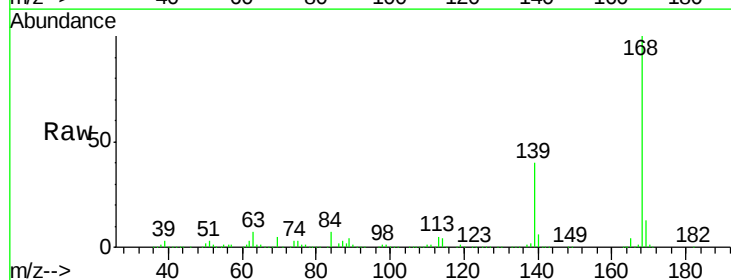
Instrument :
BNA_F
ClientSampleId :

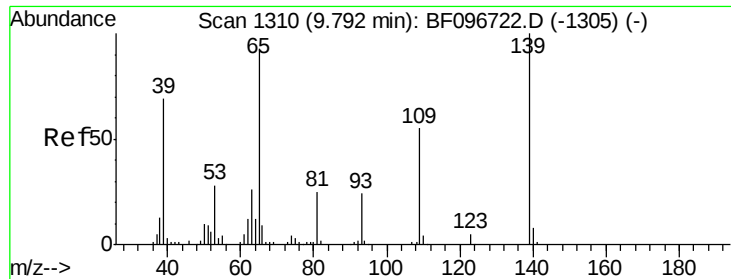
Tot Ion:184 Resp: 144428
Ion Ratio Lower Upper
184 100
63 84.6 62.7 94.1
154 62.2 81.1 121.7#



#54
Dibenzofuran
Concen: 42.44 ng
RT: 9.86 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion:168 Resp: 712543
Ion Ratio Lower Upper
168 100
139 39.5 30.6 45.8
169 13.4 10.8 16.2

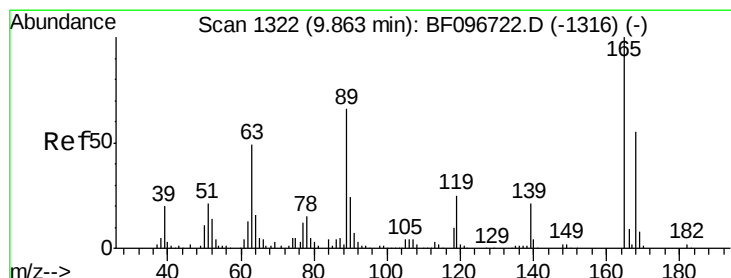
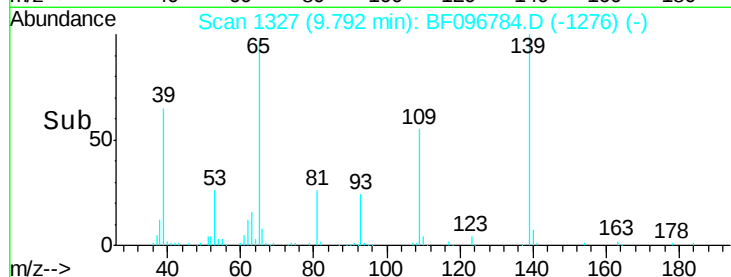
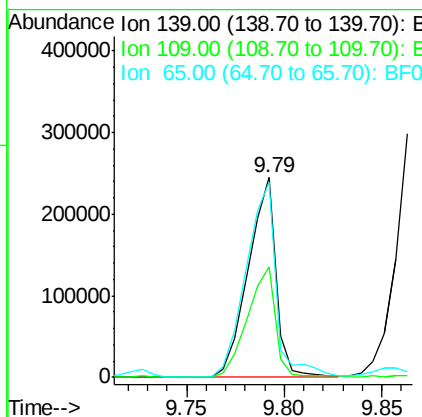
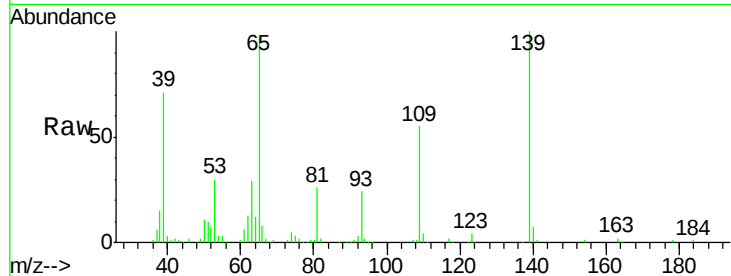




#55
4-Nitrophenol
Concen: 85.52 ng
RT: 9.79 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

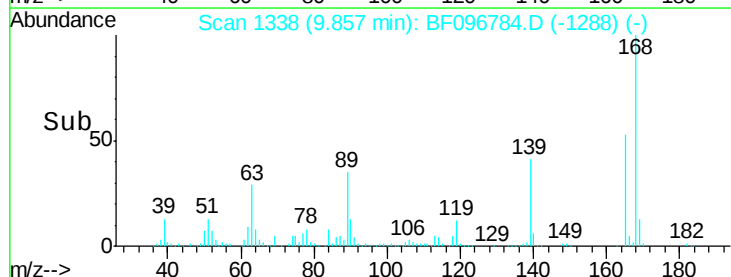
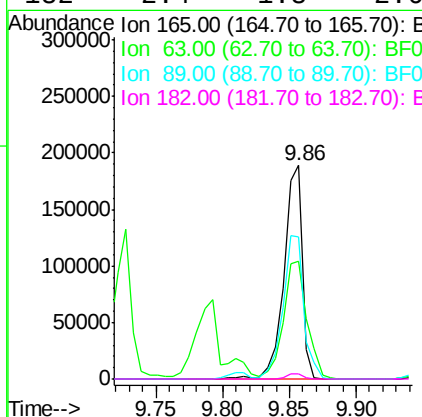
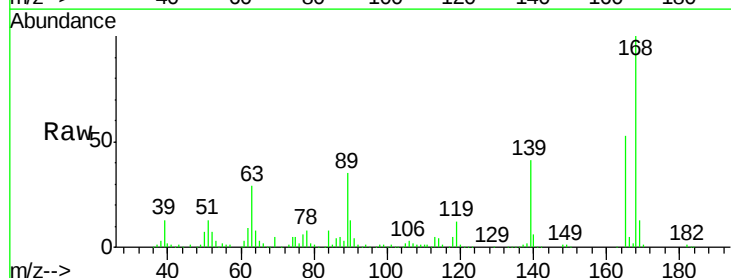
Instrument :
BNA_F
ClientSampleId :

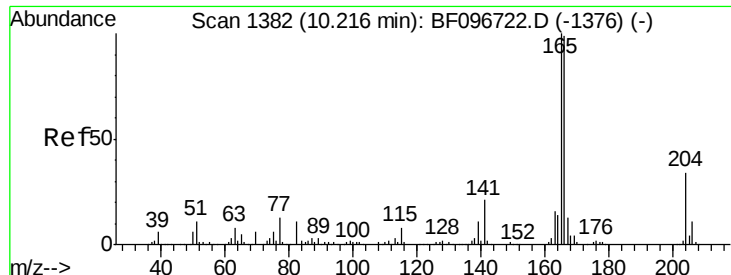
Tot Ion:139 Resp: 243295
Ion Ratio Lower Upper
139 100
109 55.3 34.1 74.1
65 97.5 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 43.35 ng
RT: 9.86 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion:165 Resp: 183088
Ion Ratio Lower Upper
165 100
63 54.9 25.4 38.0#
89 66.3 46.4 69.6
182 2.4 1.8 2.6

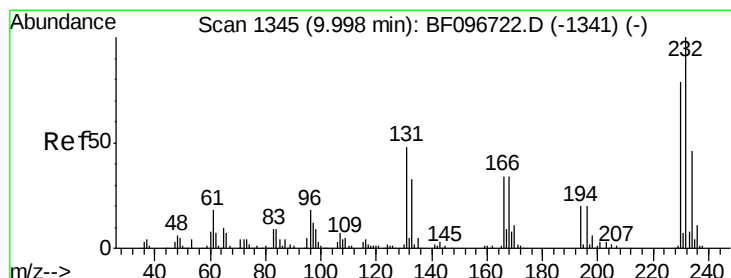
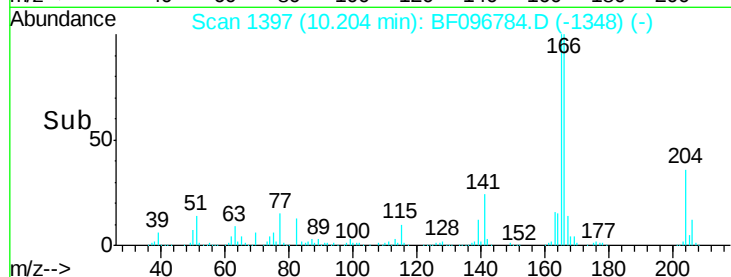
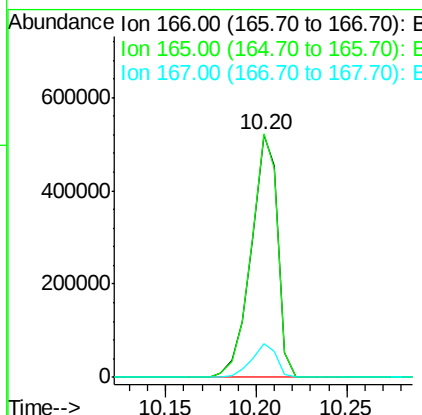
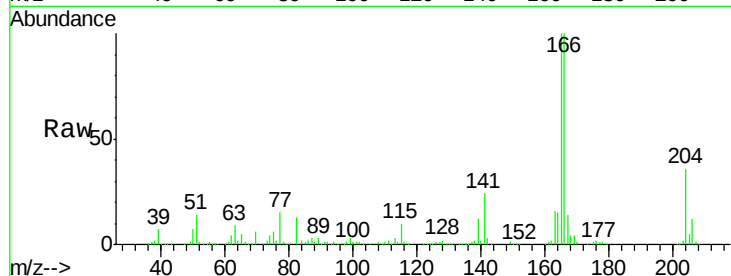




#57
 Fluorene
 Concen: 42.32 ng
 RT: 10.20 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

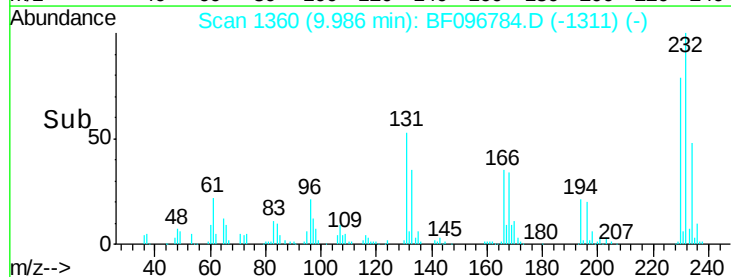
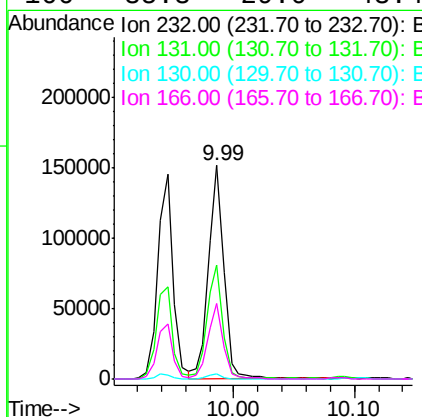
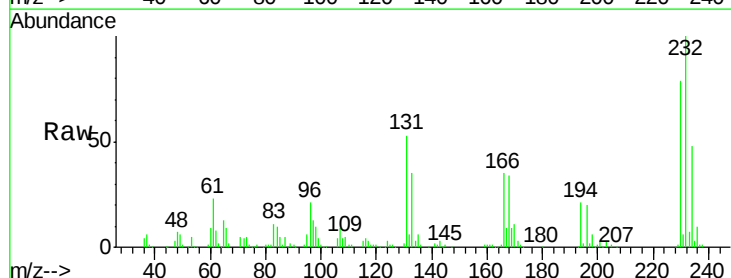
Instrument :
 BNA_F
 ClientSampleId :

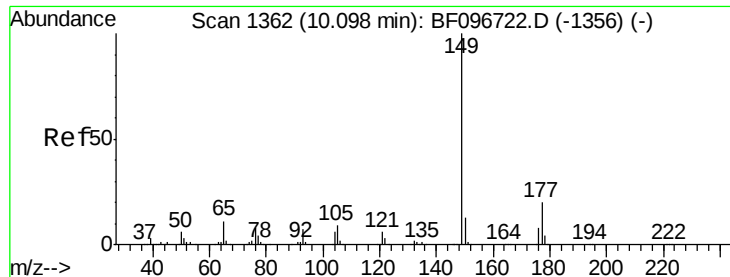
Tot Ion:166 Resp: 524971
 Ion Ratio Lower Upper
 166 100
 165 100.5 78.8 118.2
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.72 ng
 RT: 9.99 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Tgt Ion:232 Resp: 134143
 Ion Ratio Lower Upper
 232 100
 131 54.2 44.8 67.2
 130 2.1 2.3 3.5#
 166 35.3 29.0 43.4

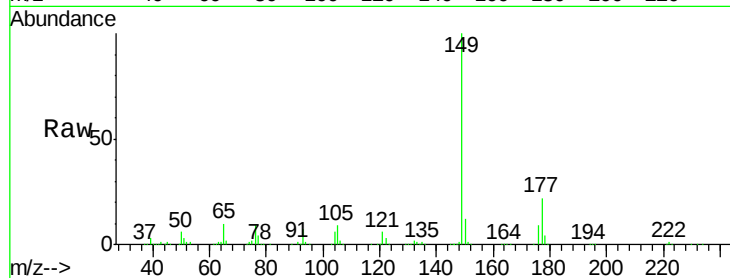




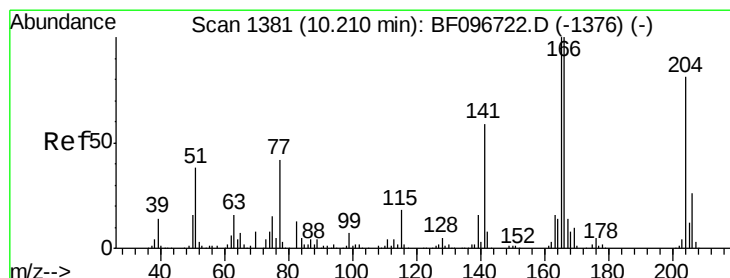
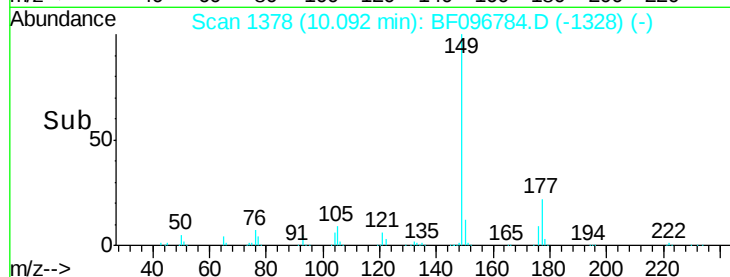
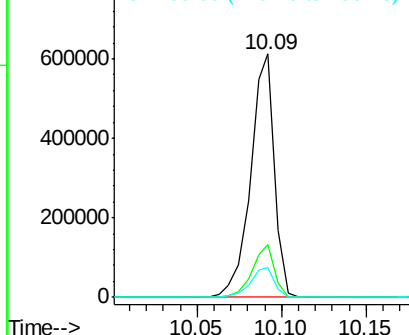
#59
Diethylphthalate
Concen: 40.69 ng
RT: 10.09 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 601090
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.3 10.2 15.2

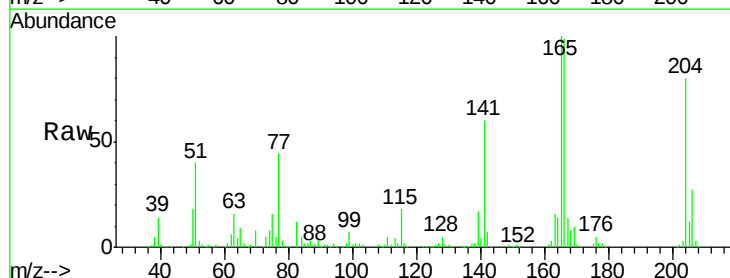


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

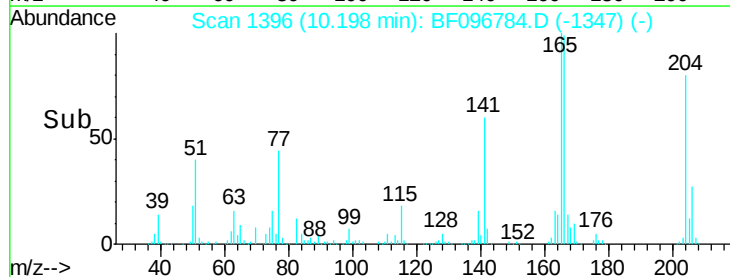
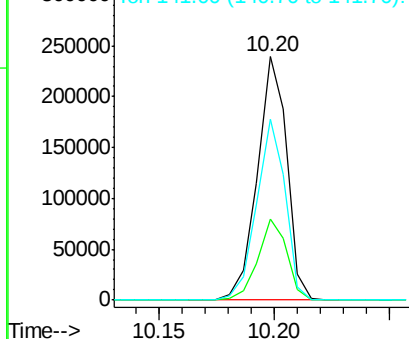


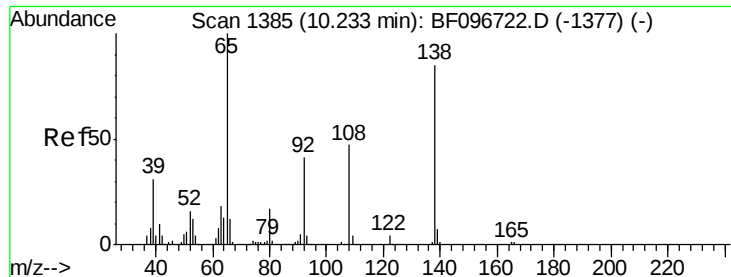
#60
4-Chlorophenyl-phenylether
Concen: 40.41 ng
RT: 10.20 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion:204 Resp: 213399
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 74.2 60.8 91.2



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

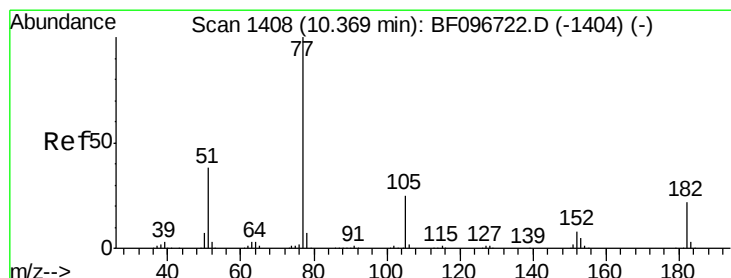
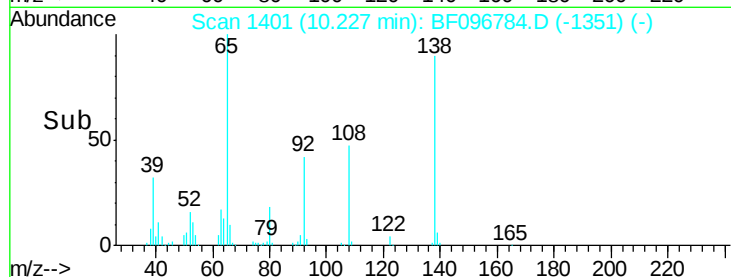
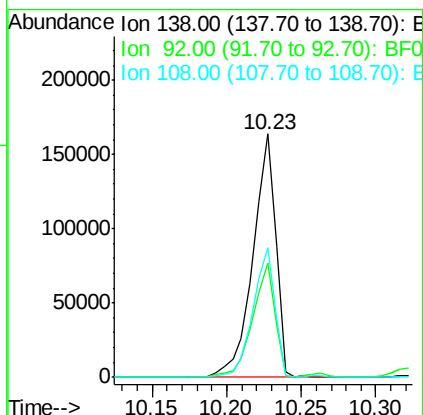
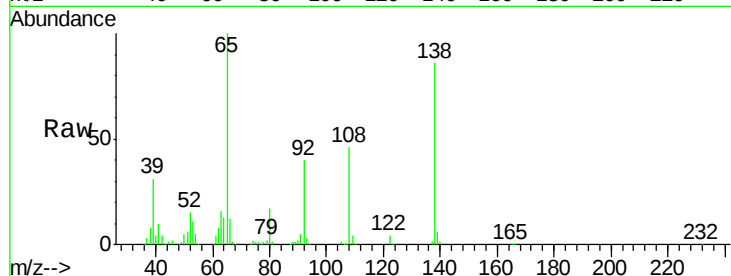




#61
4-Nitroaniline
Concen: 47.18 ng
RT: 10.23 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

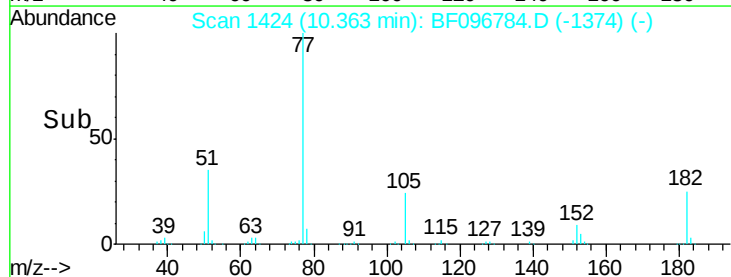
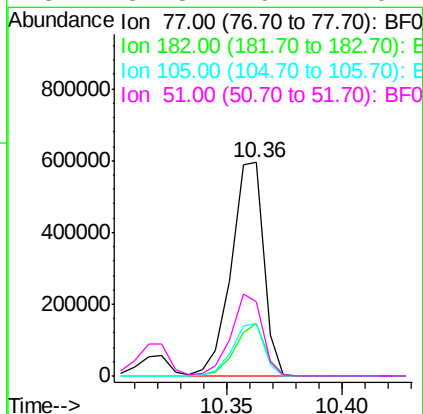
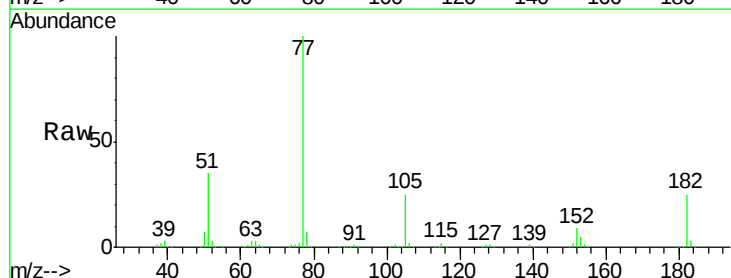
Instrument :
BNA_F
ClientSampleId :

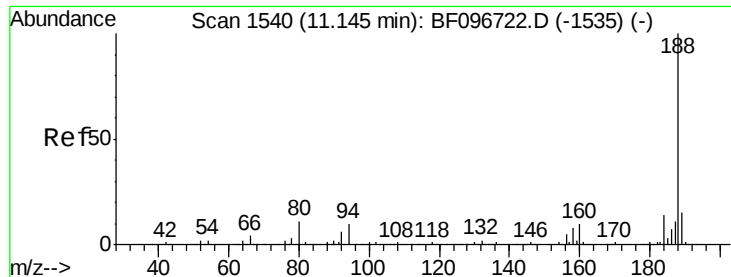
Tot Ion:138 Resp: 172502
Ion Ratio Lower Upper
138 100
92 46.8 21.8 61.8
108 53.1 42.3 82.3



#62
Azobenzene
Concen: 44.94 ng
RT: 10.36 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion: 77 Resp: 585695
Ion Ratio Lower Upper
77 100
182 24.8 0.1 40.1
105 24.6 3.6 43.6
51 34.8 9.4 49.4

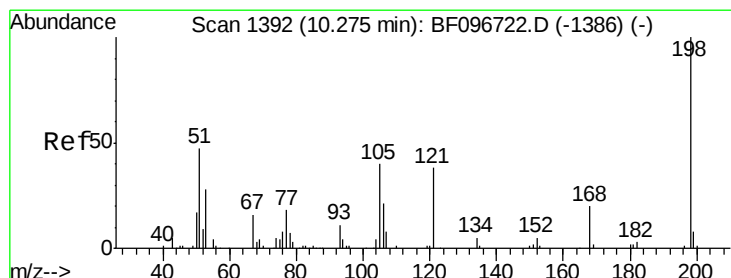
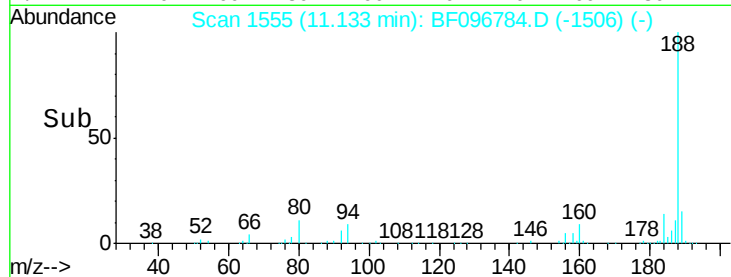
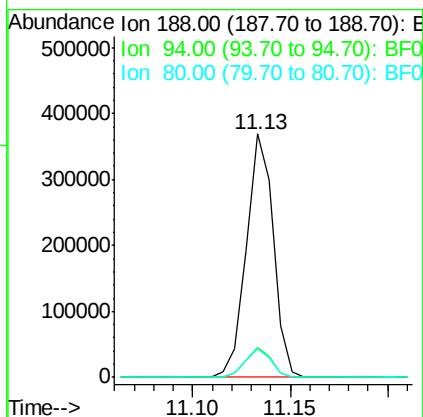
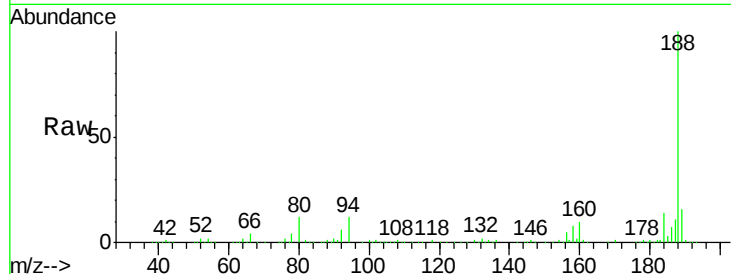




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

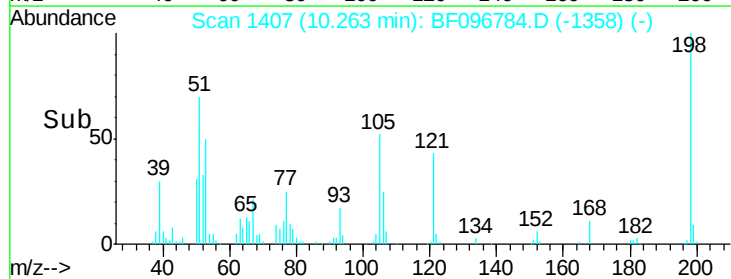
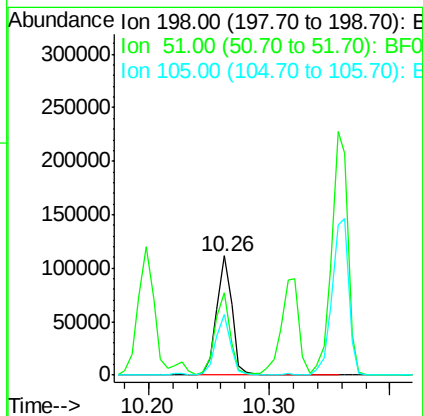
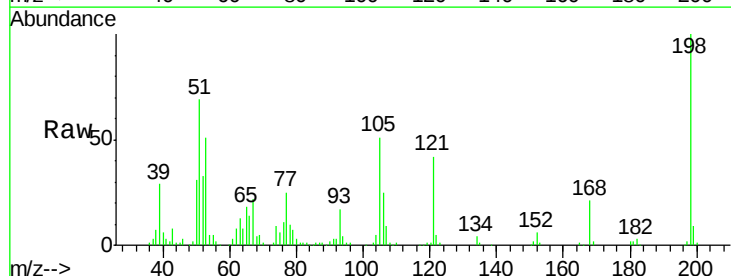
Instrument :
 BNA_F
 ClientSampled :

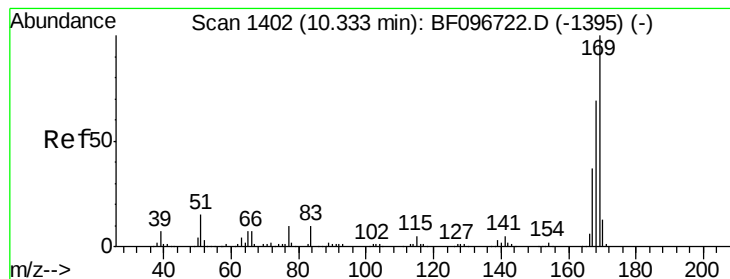
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	11.8	10.2	15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.78 ng
 RT: 10.26 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Tgt Ion	Ratio	Lower	Upper
198	100		
51	69.4	53.2	93.2
105	50.8	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 39.00 ng

RT: 10.32 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampleId :

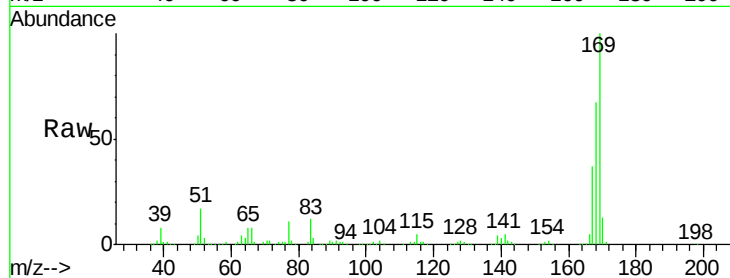
Tot Ion:169 Resp: 493301

Ion Ratio Lower Upper

169 100

168 67.2 53.2 79.8

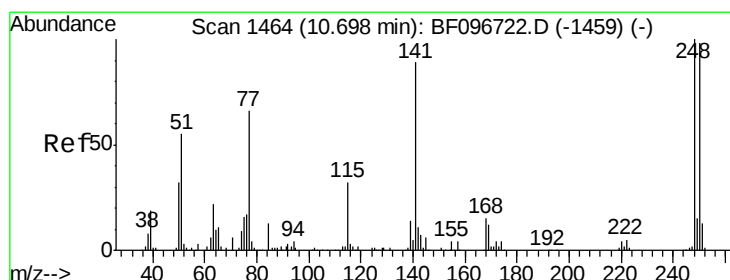
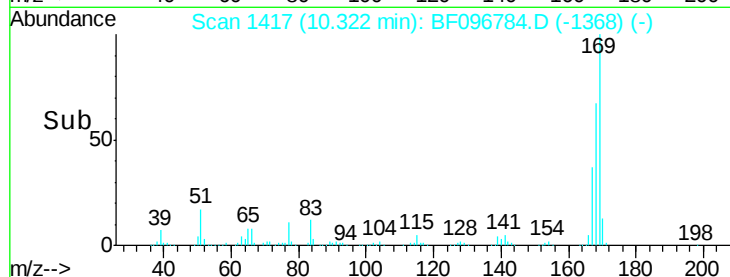
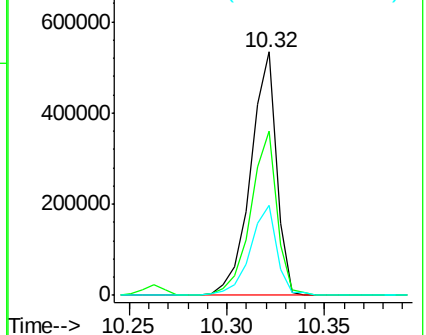
167 37.2 29.5 44.3



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: 40.18 ng

RT: 10.69 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

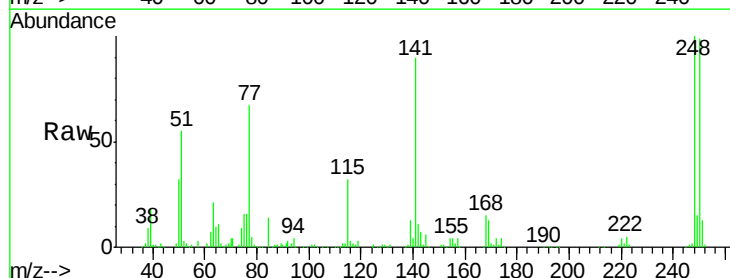
Tgt Ion:248 Resp: 145169

Ion Ratio Lower Upper

248 100

250 99.4 76.8 115.2

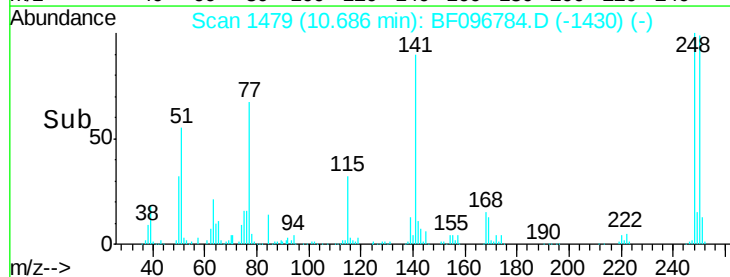
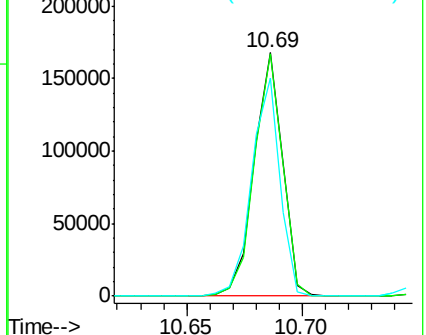
141 89.5 68.6 103.0

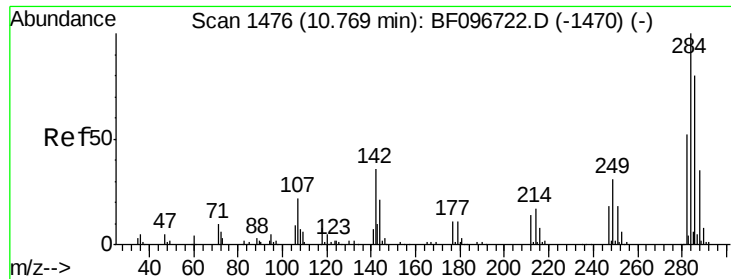


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

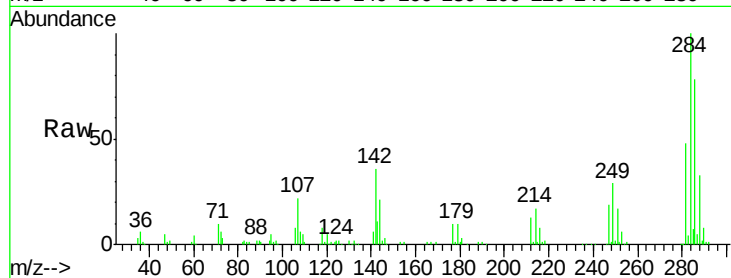




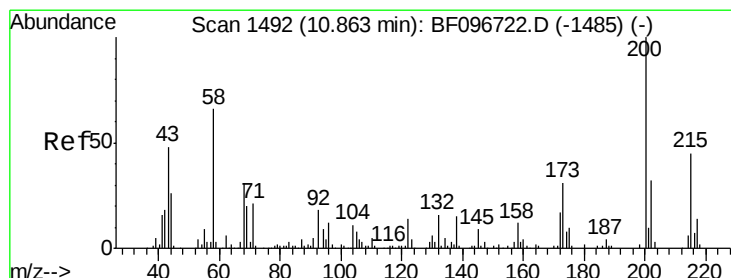
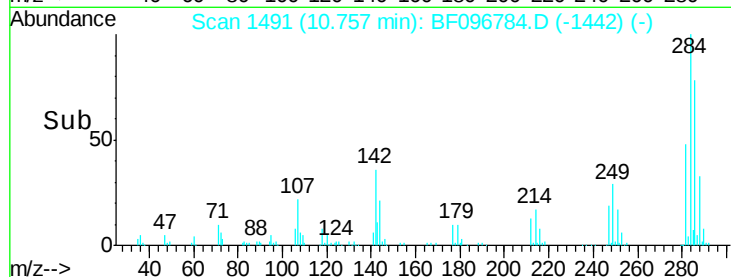
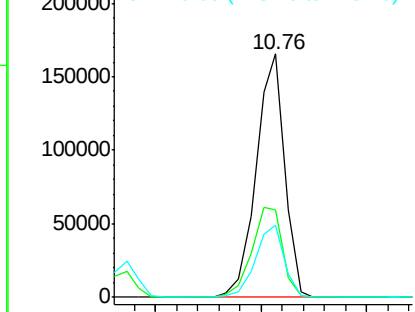
#67
Hexachlorobenzene
Concen: 38.48 ng
RT: 10.76 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.9	22.8	34.2
249	29.5	24.0	36.0

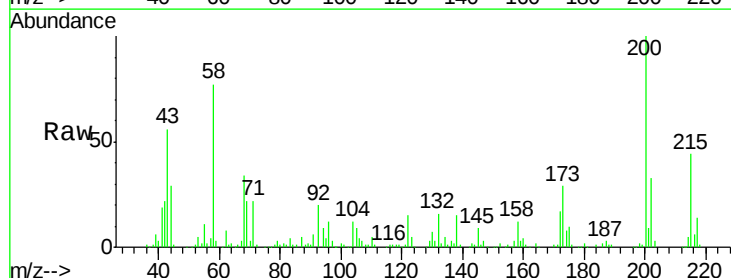


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

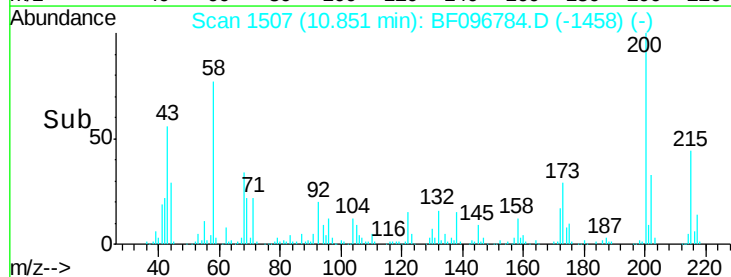
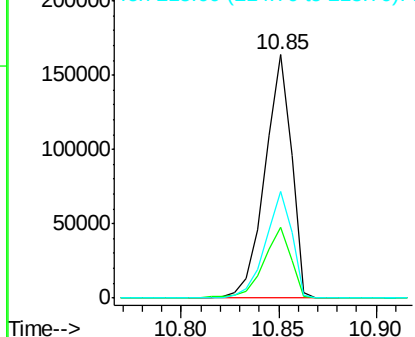


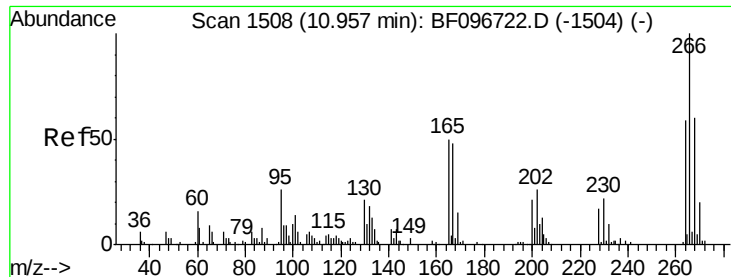
#68
Atrazine
Concen: 42.88 ng
RT: 10.85 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.2	6.3	46.3
215	43.7	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

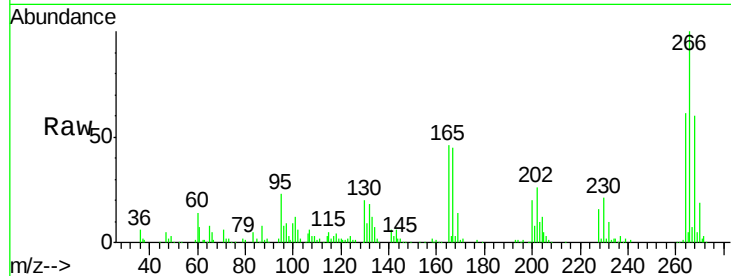




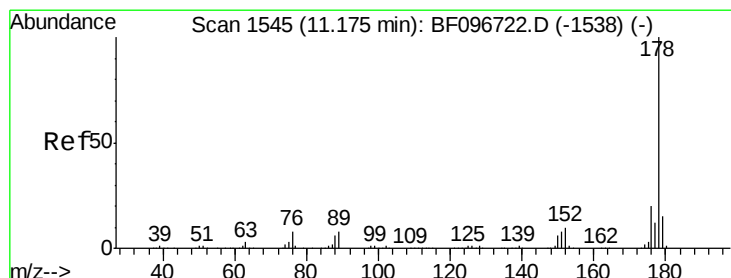
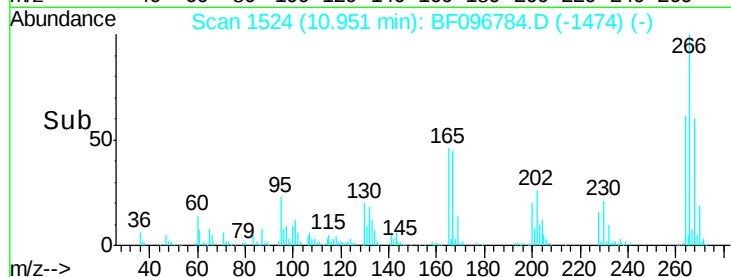
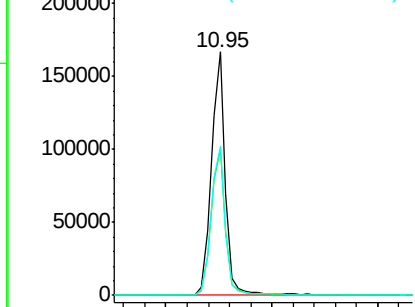
#69
 Pentachlorophenol
 Concen: 80.70 ng
 RT: 10.95 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 156864
 Ion Ratio Lower Upper
 266 100
 268 60.3 51.1 76.7
 264 61.1 51.7 77.5

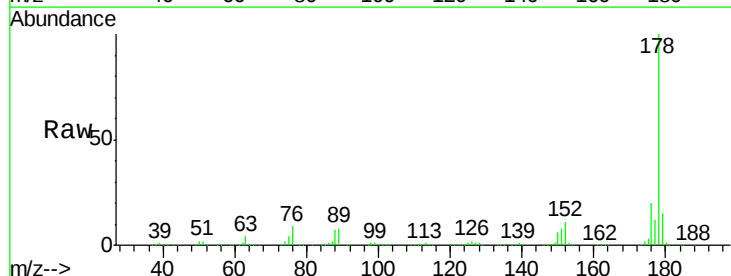


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

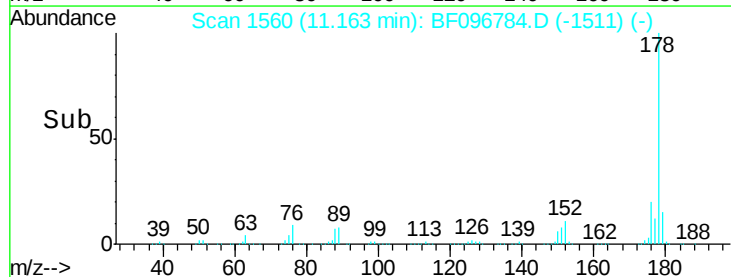
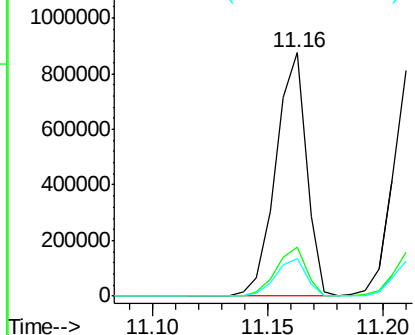


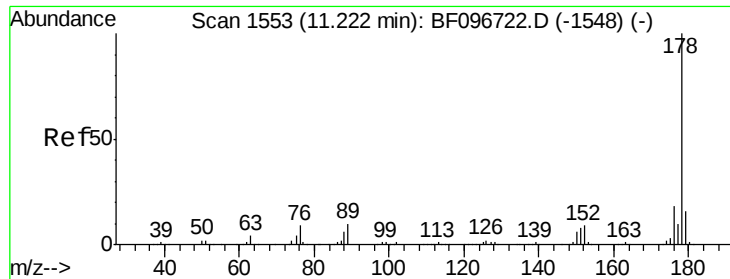
#70
 Phenanthrene
 Concen: 41.96 ng
 RT: 11.16 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Tgt Ion:178 Resp: 807426
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.4 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

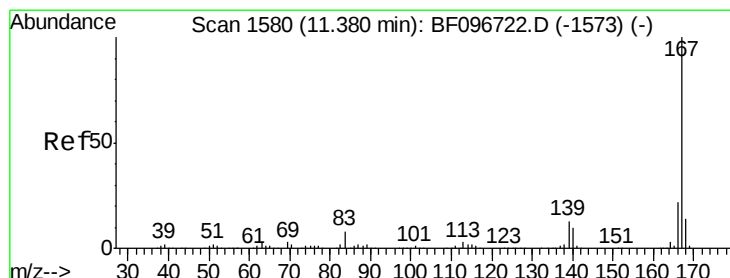
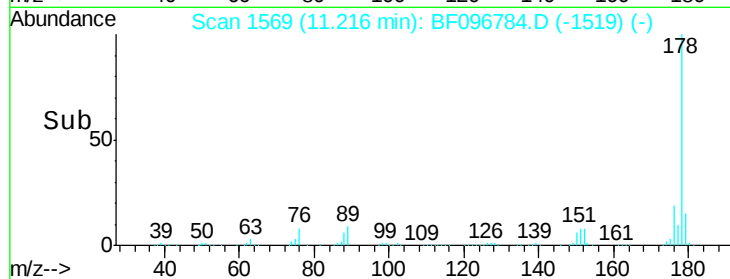
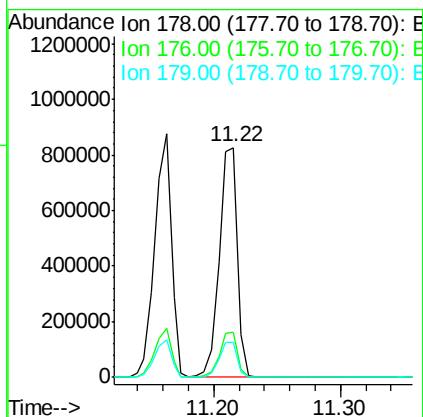
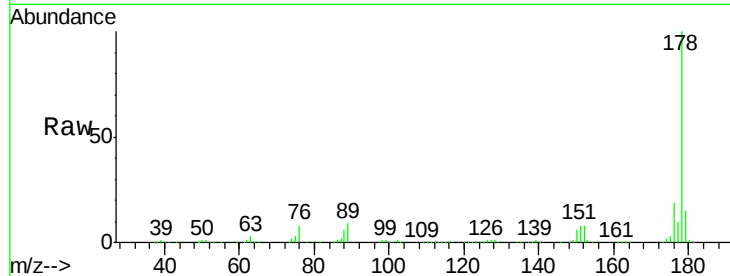




#71
 Anthracene
 Concen: 42.57 ng
 RT: 11.22 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

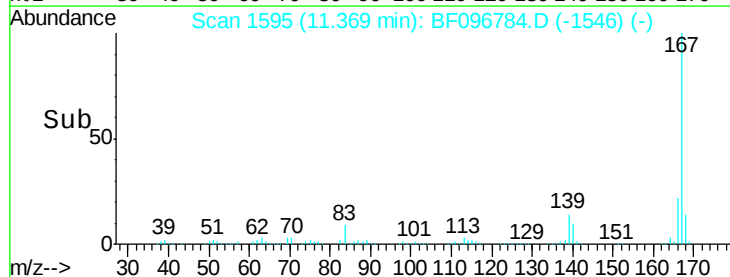
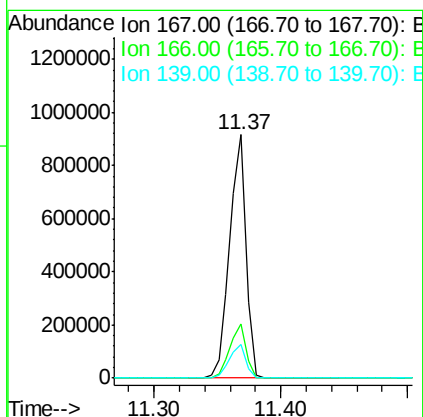
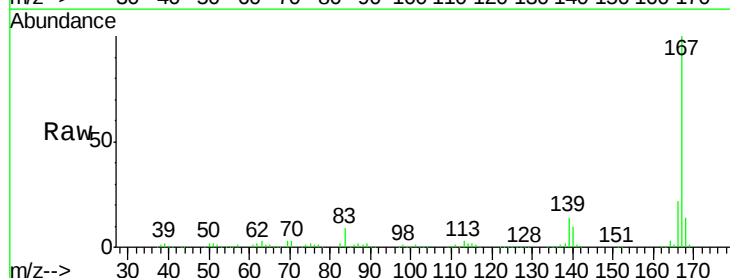
Instrument :
 BNA_F
 ClientSampled :

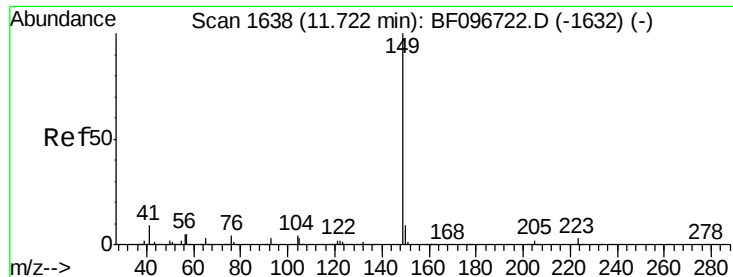
Tot Ion:178 Resp: 828192
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 43.34 ng
 RT: 11.37 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Tgt Ion:167 Resp: 816423
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.54 ng

RT: 11.71 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampled :

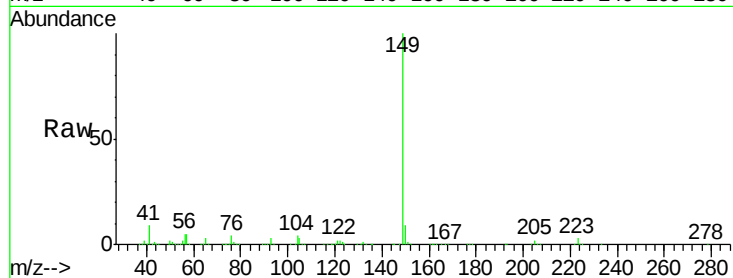
Tot Ion:149 Resp: 951040

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

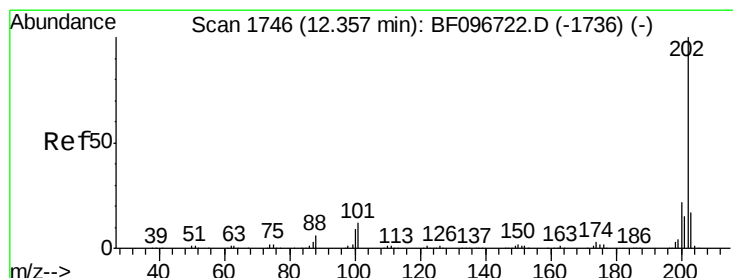
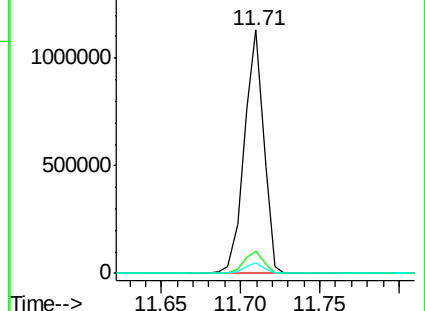
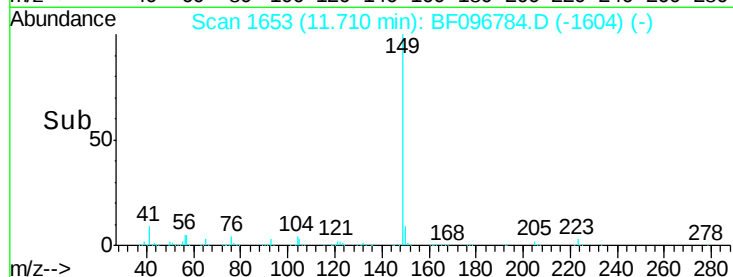
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.44 ng

RT: 12.34 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

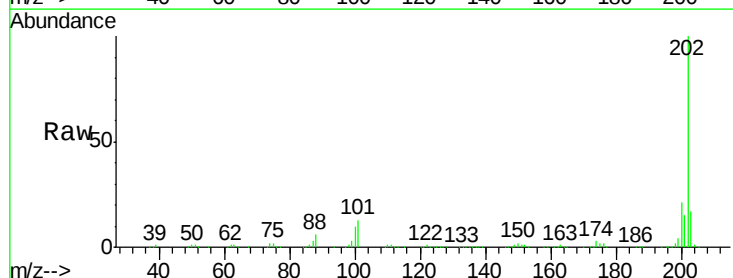
Tgt Ion:202 Resp: 799926

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

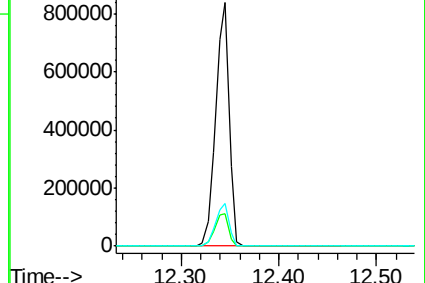
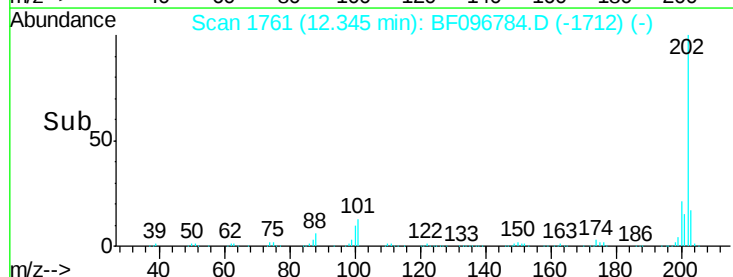
203 17.4 0.0 38.1

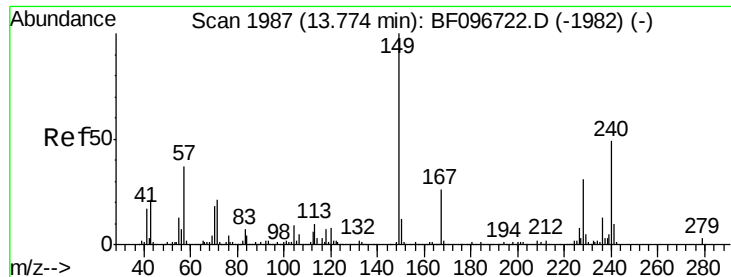


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampleId :

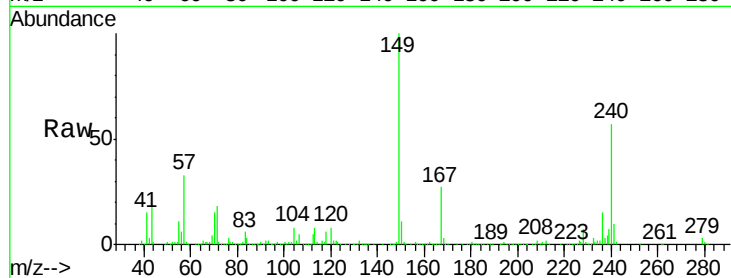
Tot Ion:240 Resp: 233419

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

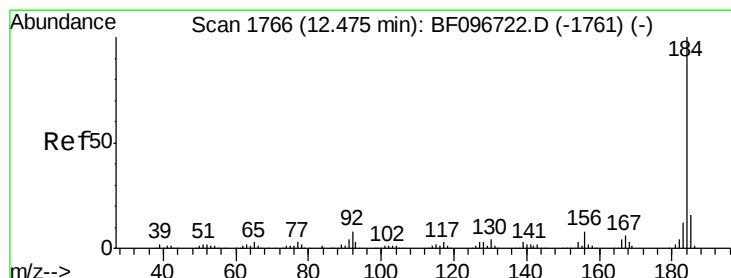
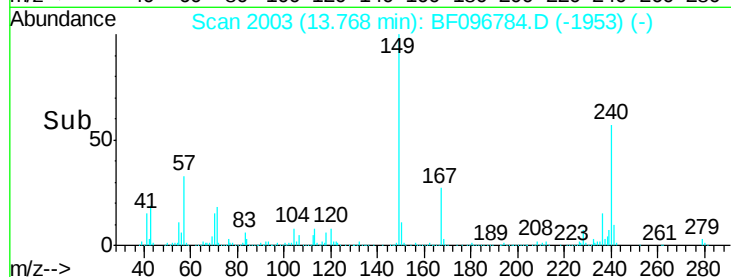
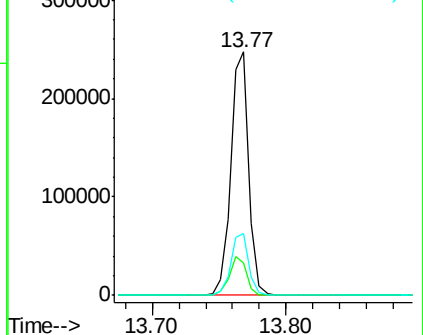
236 25.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.34 ng

RT: 12.46 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

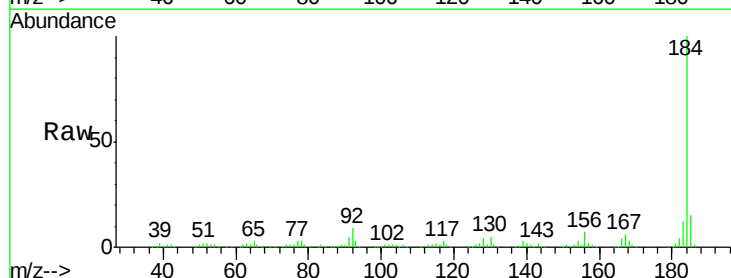
Tgt Ion:184 Resp: 354356

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

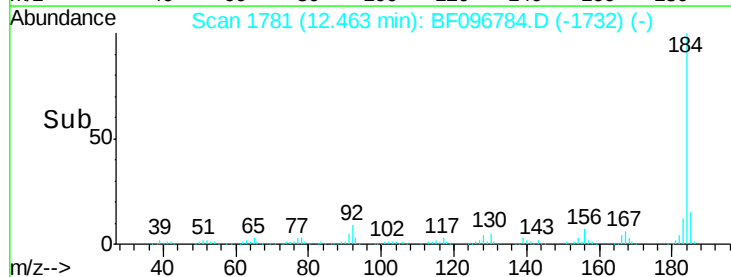
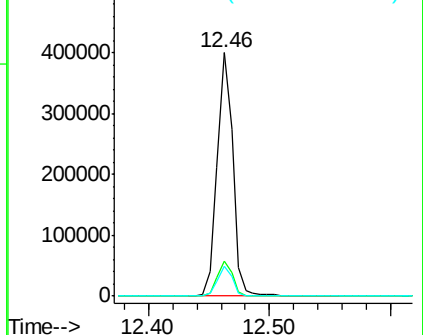
183 12.2 9.8 14.6

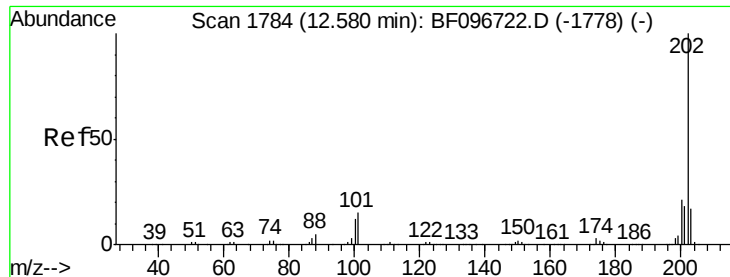


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

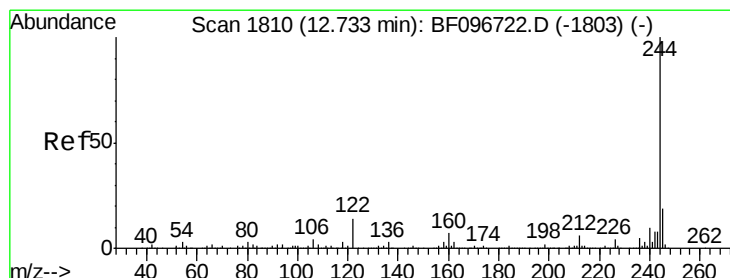
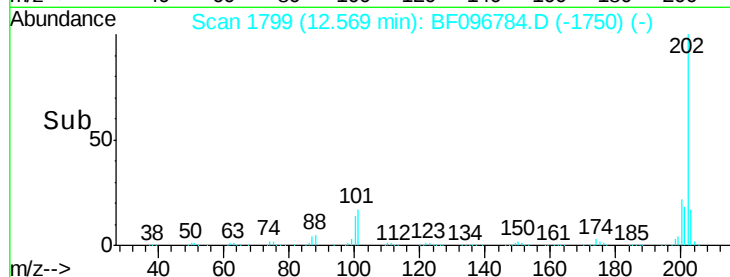
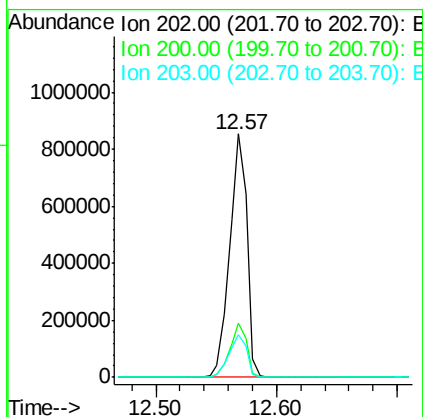
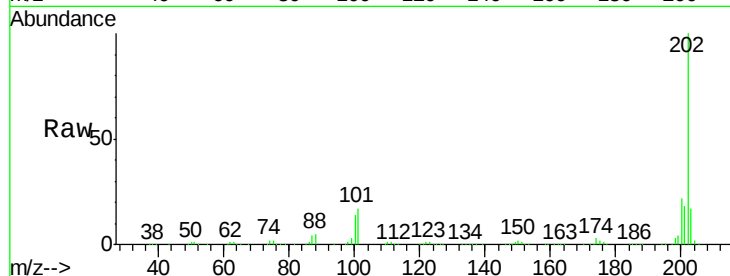




#77
Pvrene
Concen: 39.90 ng
RT: 12.57 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

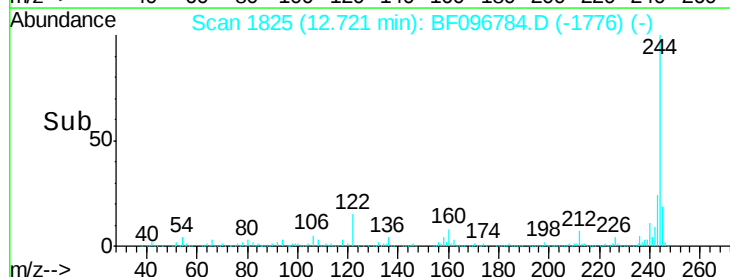
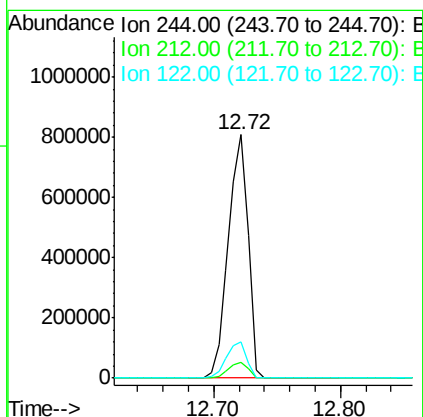
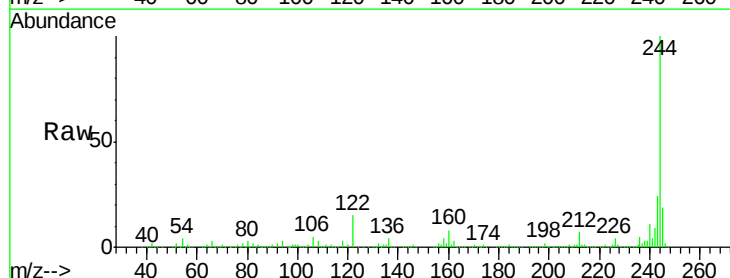
Instrument :
BNA_F
ClientSampled :

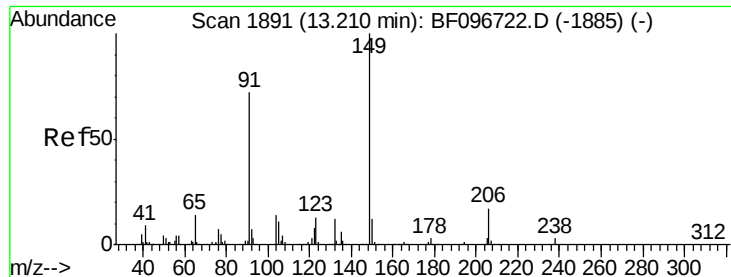
Tot Ion:202 Resp: 845200
Ion Ratio Lower Upper
202 100
200 22.5 17.6 26.4
203 17.3 14.4 21.6



#78
Terphenyl-d14
Concen: 64.47 ng
RT: 12.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion:244 Resp: 867698
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 15.1 10.3 15.5

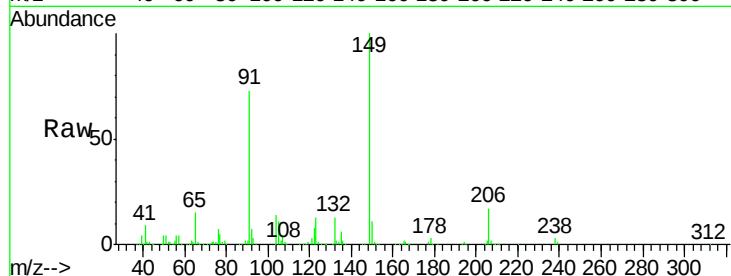




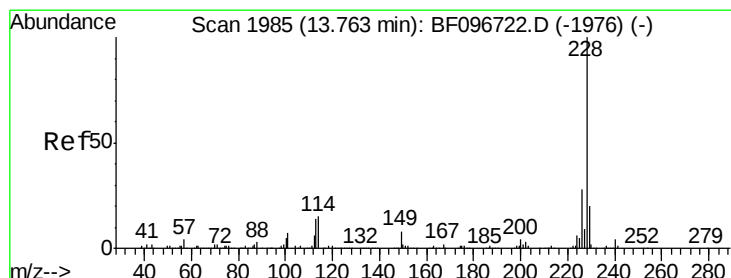
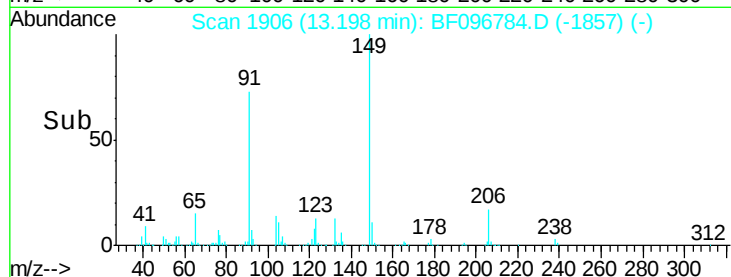
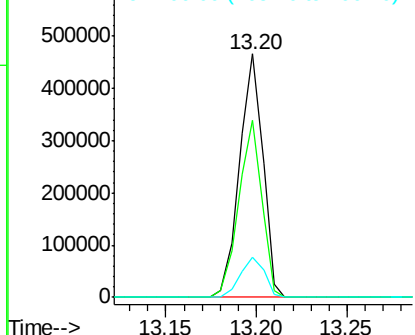
#79
Butylbenzylphthalate
Concen: 82.92 ng
RT: 13.20 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 417323
Ion Ratio Lower Upper
149 100
91 72.6 45.0 67.4#
206 16.7 17.0 25.6#

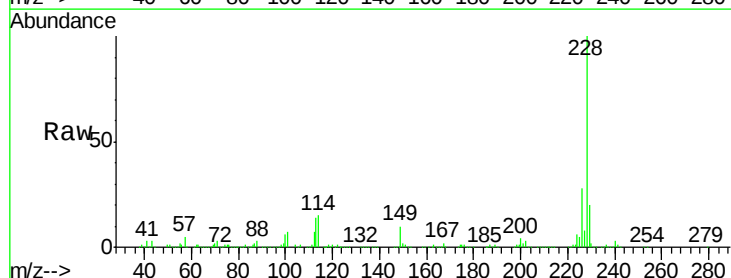


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

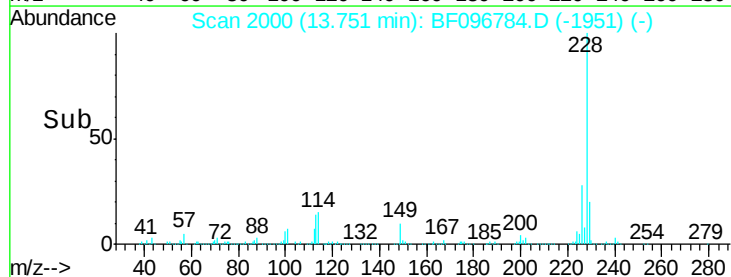
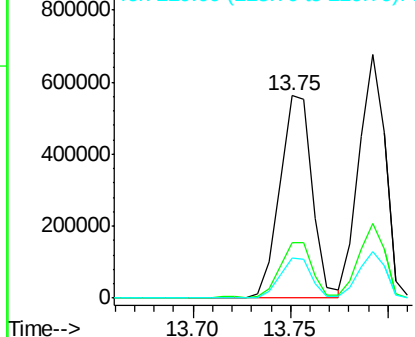


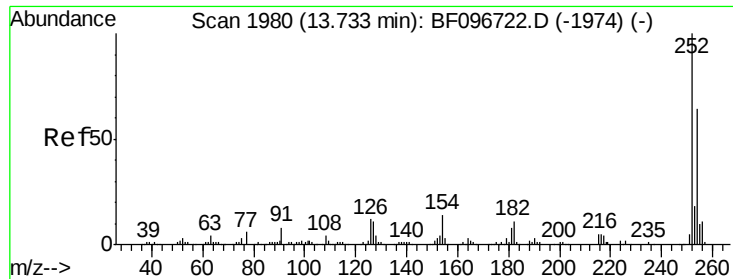
#80
Benzo(a)anthracene
Concen: 44.38 ng
RT: 13.75 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096784.D
Acq: 14 Jul 2017 21:07

Tgt Ion:228 Resp: 645426
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.9 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

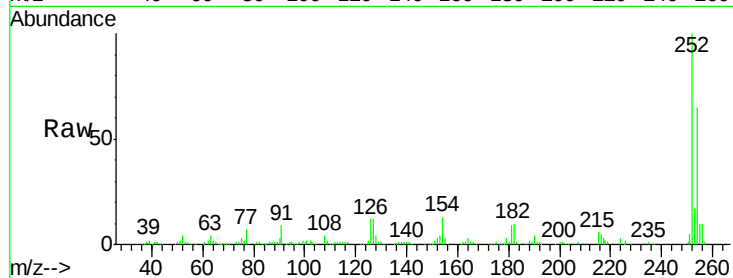




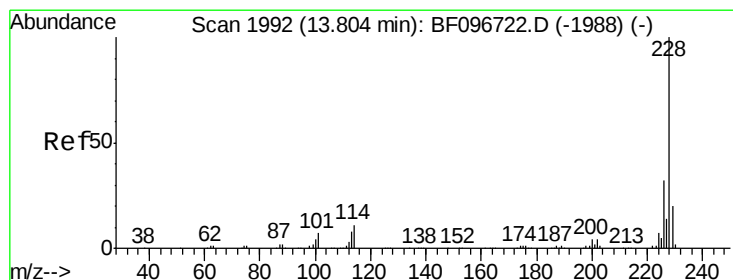
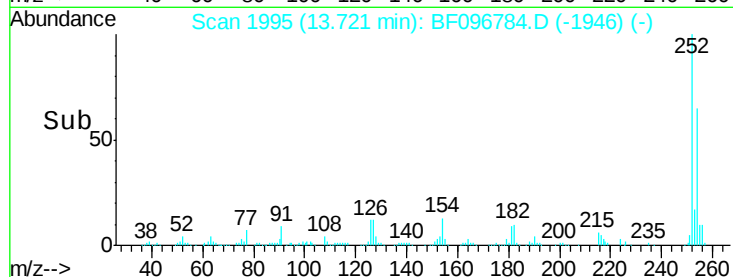
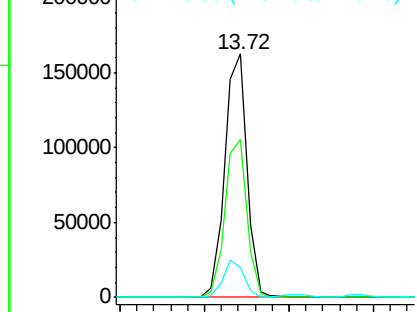
#81
 3,3'-Dichlorobenzidine
 Concen: 28.44 ng
 RT: 13.72 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 148728
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.5 77.3
 126 12.4 15.8 23.8#

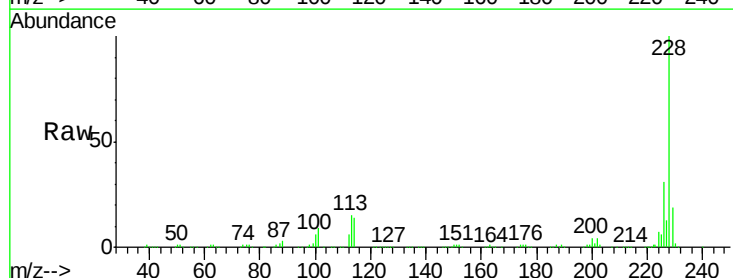


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

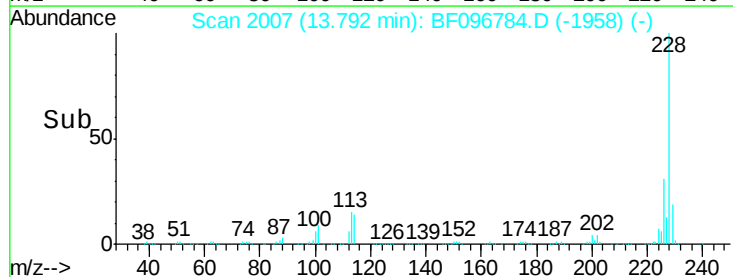
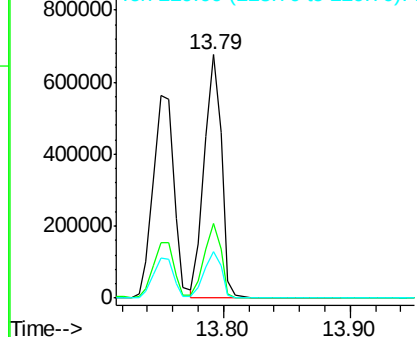


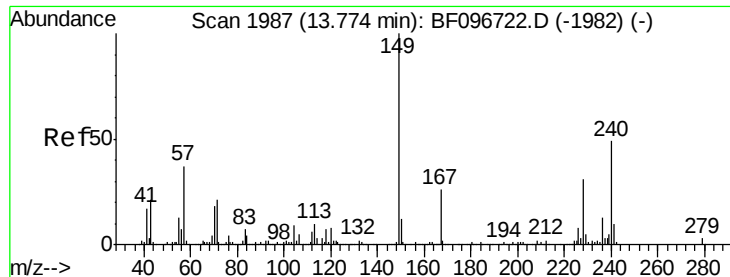
#82
 Chrysene
 Concen: 44.45 ng
 RT: 13.79 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Tgt Ion:228 Resp: 636489
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 19.1 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: 39.76 ng

RT: 13.76 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampleId :

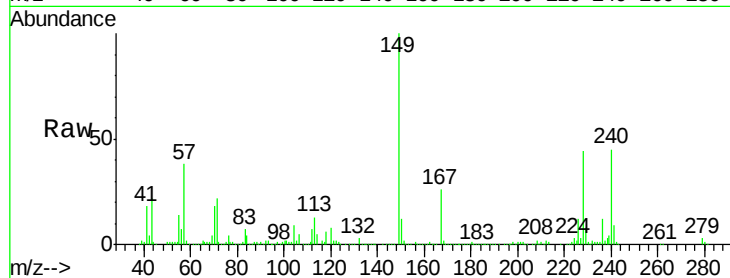
Tot Ion:149 Resp: 487350

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

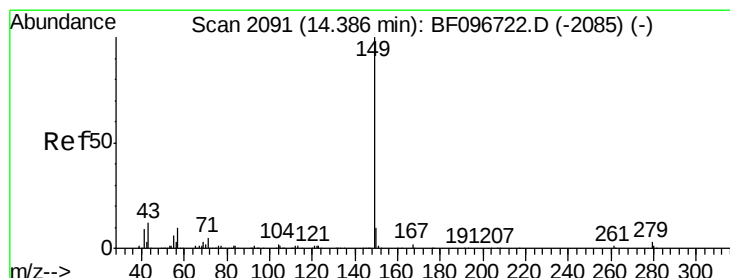
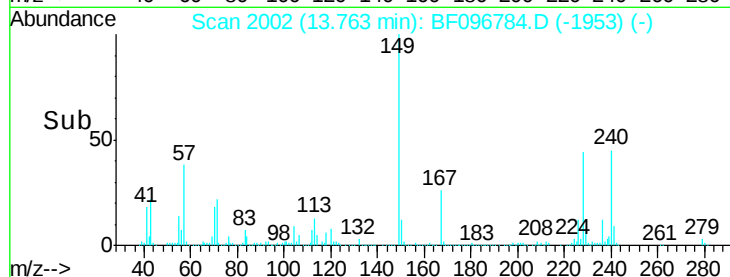
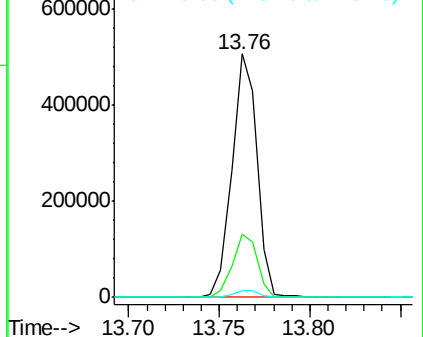
279 2.8 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.84 ng

RT: 14.37 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

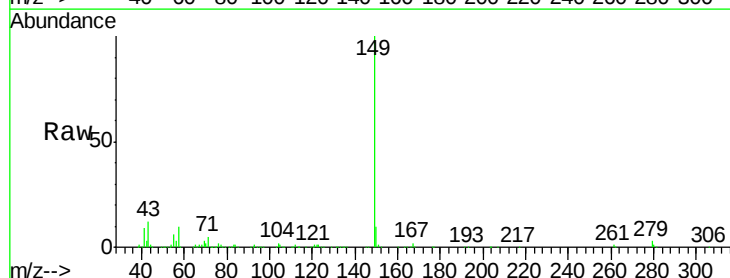
Tgt Ion:149 Resp: 888281

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

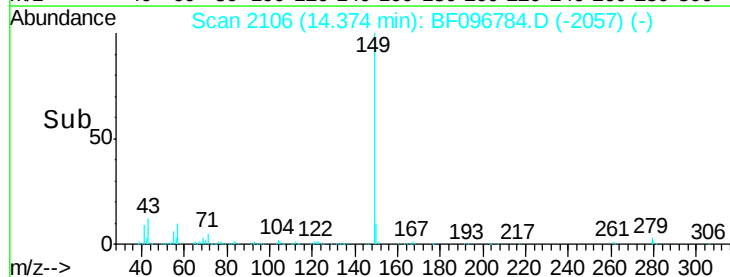
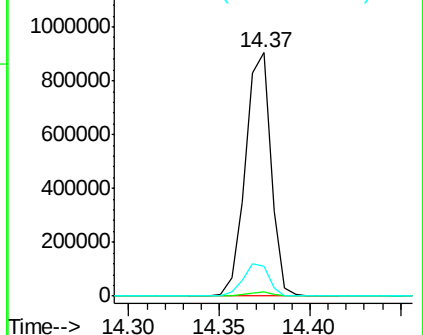
43 13.1 8.5 12.7#

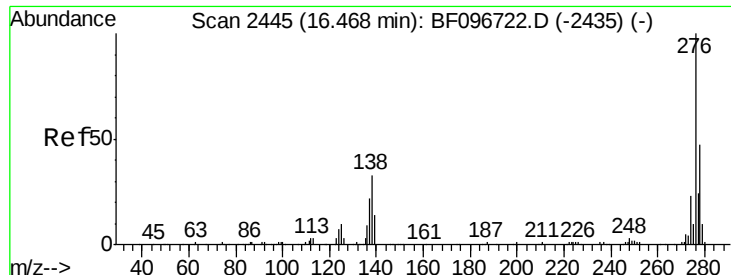


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

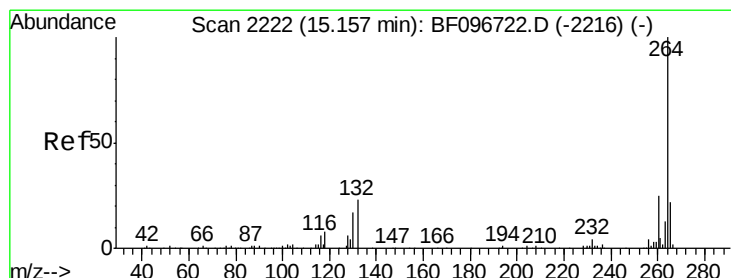
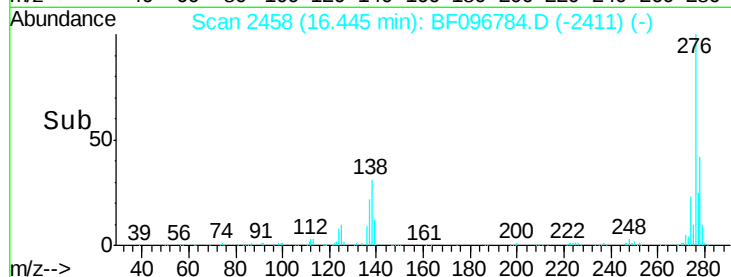
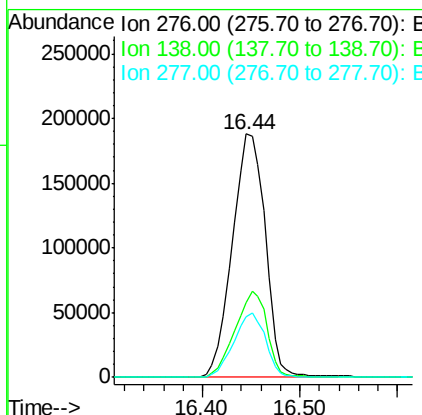
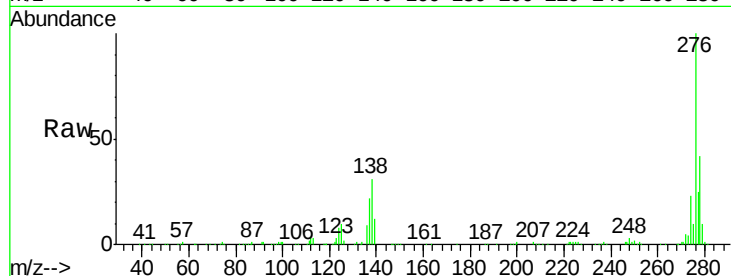




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.03 ng
 RT: 16.44 min Scan# 2458
 Delta R.T. -0.02 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

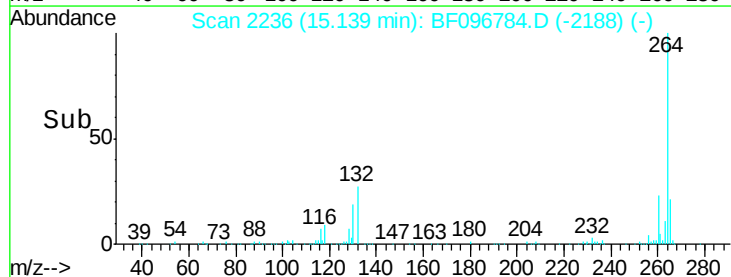
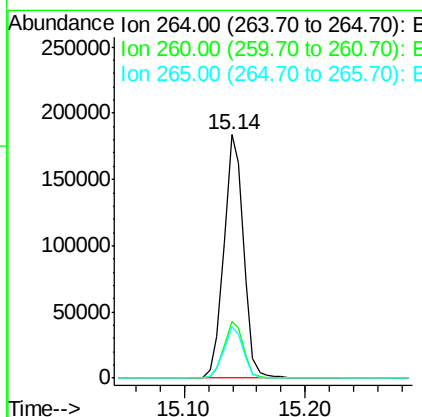
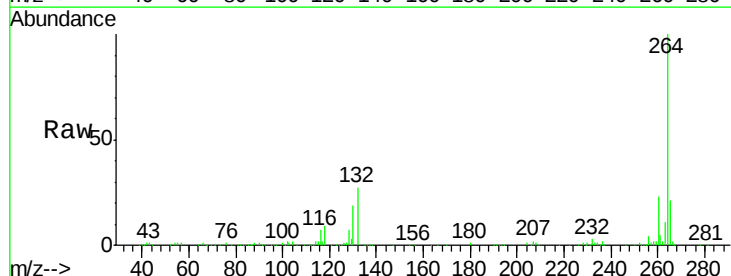
Instrument :
 BNA_F
 ClientSampled :

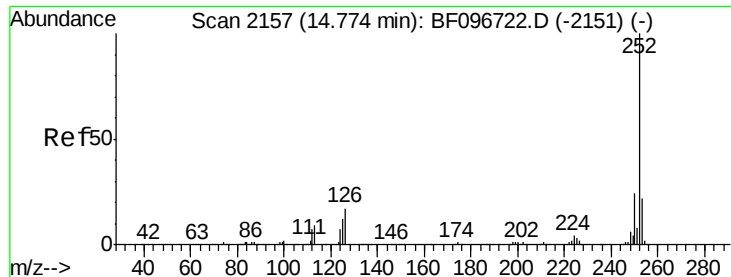
Tot Ion:276 Resp: 442807
 Ion Ratio Lower Upper
 276 100
 138 34.4 27.8 41.6
 277 25.5 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF096784.D
 Acq: 14 Jul 2017 21:07

Tgt Ion:264 Resp: 206027
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 43.01 ng

RT: 14.76 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampleId :

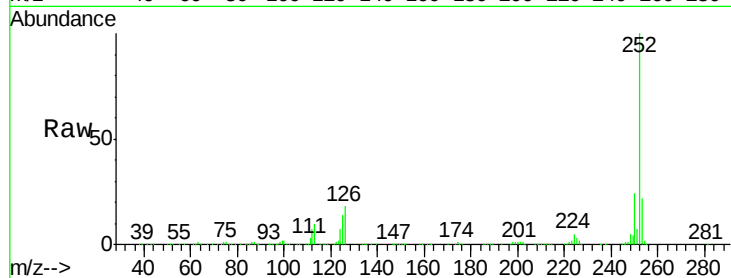
Tot Ion:252 Resp: 534453

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

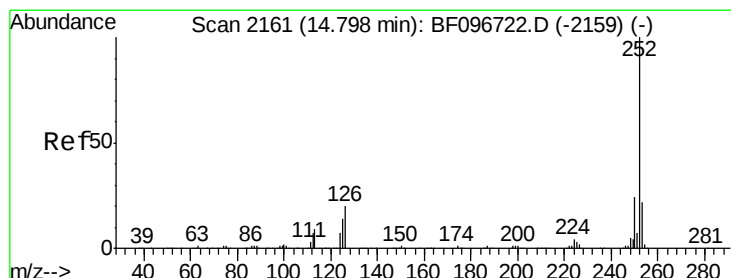
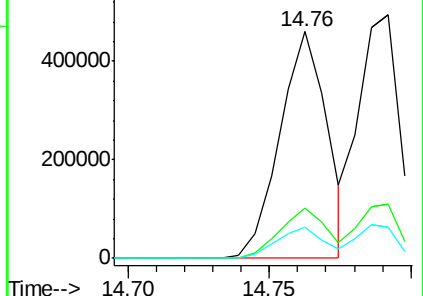
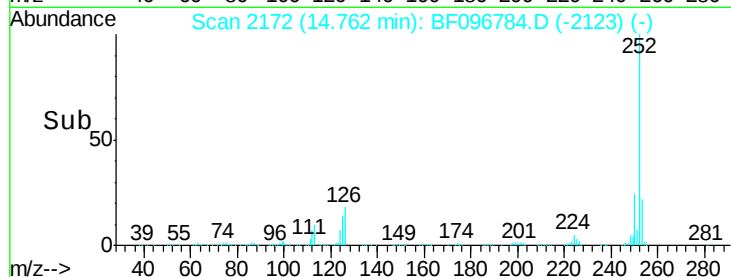
125 13.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.42 ng

RT: 14.76 min Scan# 2172

Delta R.T. -0.04 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

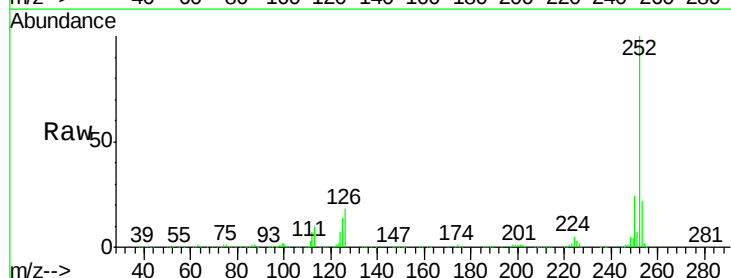
Tgt Ion:252 Resp: 534453

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

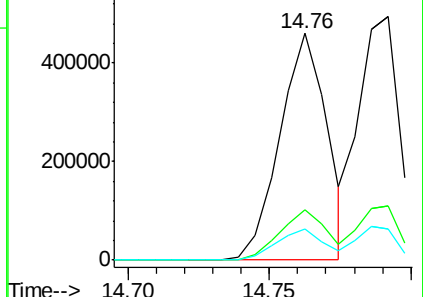
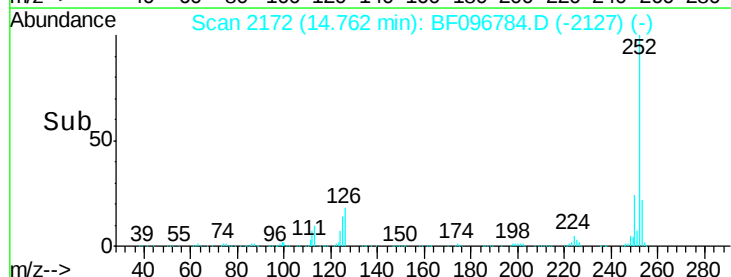
125 13.7 13.1 19.7

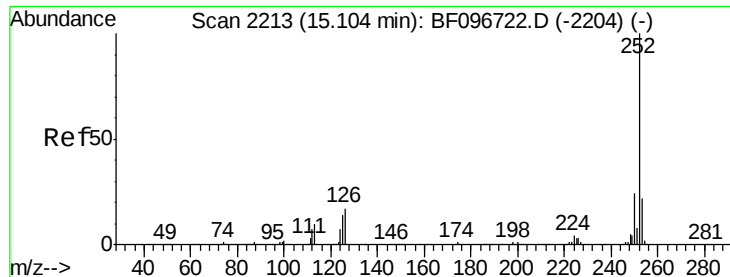


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.95 ng

RT: 15.09 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampleId :

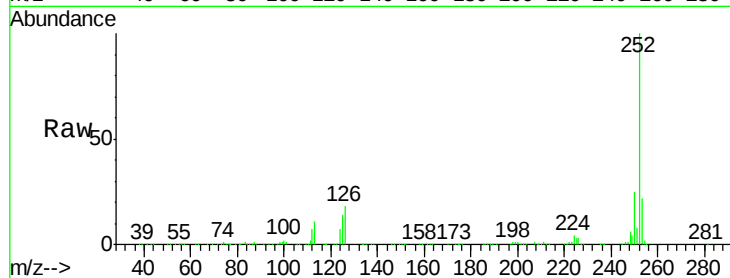
Tot Ion:252 Resp: 500844

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

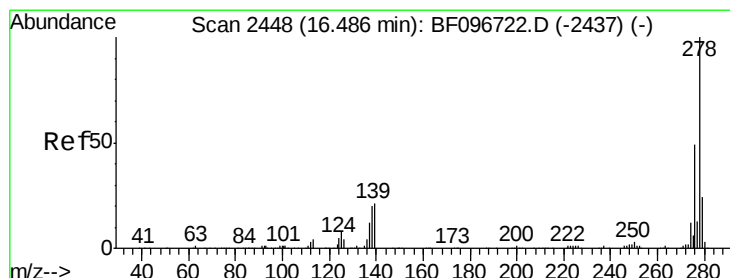
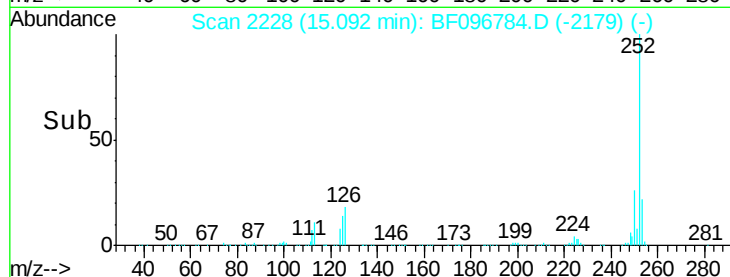
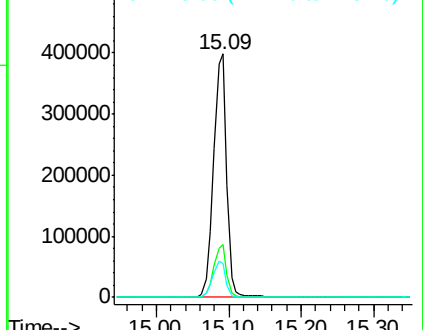
125 14.1 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.70 ng

RT: 16.46 min Scan# 2461

Delta R.T. -0.02 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

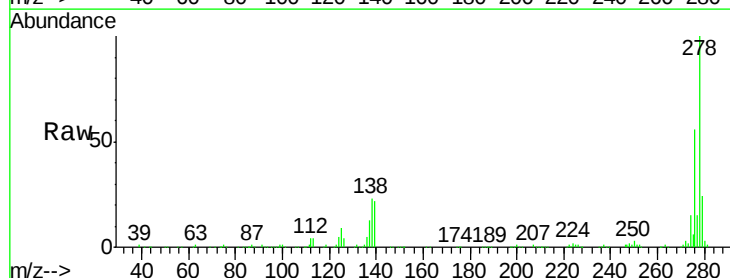
Tgt Ion:278 Resp: 363879

Ion Ratio Lower Upper

278 100

139 21.9 16.6 24.8

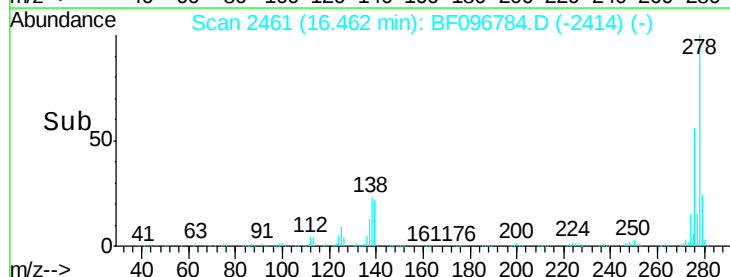
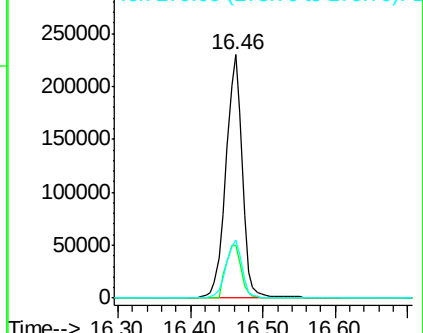
279 23.6 19.3 28.9

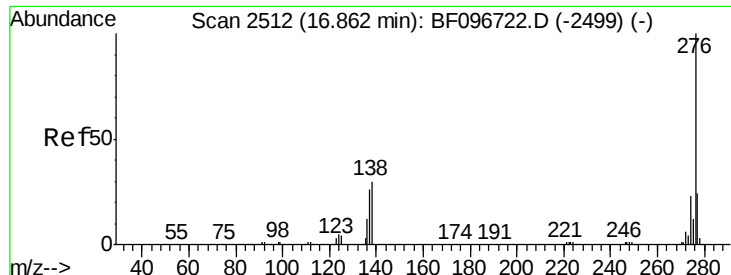


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.36 ng

RT: 16.84 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BF096784.D

Acq: 14 Jul 2017 21:07

Instrument :

BNA_F

ClientSampleId :

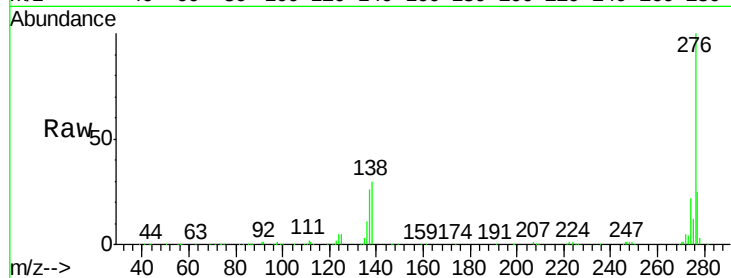
Tot Ion: 276 Resp: 385857

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 30.1 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

