

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
 Data File : BF096387.D
 Acq On : 1 Jul 2017 19:07
 Operator : SJ/MA
 Sample : I3950-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:49:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	130531	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	576098	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	237022	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	342492	20.00	ng	0.00
75) Chrysene-d12	13.87	240	226641	20.00	ng	0.00
86) Perylene-d12	15.28	264	256836	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	916758	103.66	ng	0.00
7) Phenol-d6	6.37	99	1127493	103.70	ng	0.00
23) Nitrobenzene-d5	7.29	82	658269	68.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	183657	99.20	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	984689	71.03	ng	0.00
78) Terphenyl-d14	12.83	244	548771	51.74	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.44	88	128139	30.56	ng	# 76
3) Pyridine	3.14	79	343100	29.82	ng	# 68
4) n-Nitrosodimethylamine	3.08	42	189483	33.36	ng	89
6) Aniline	6.39	93	435602	31.00	ng	95
8) 2-Chlorophenol	6.52	128	338347	35.88	ng	97
9) Benzaldehyde	6.27	77	140999	20.72	ng	99
10) Phenol	6.39	94	439823	35.51	ng	85
11) bis(2-Chloroethyl)ether	6.47	93	320458	33.48	ng	92
12) 1,3-Dichlorobenzene	6.67	146	347042	35.10	ng	99
13) 1,4-Dichlorobenzene	6.75	146	348423	35.25	ng	96
14) 1,2-Dichlorobenzene	6.90	146	328120	36.16	ng	97
15) Benzyl Alcohol	6.87	79	282871	38.92	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	748222	38.45	ng	92
17) 2-Methylphenol	6.99	107	281685	37.48	ng	97
18) Hexachloroethane	7.25	117	127538	35.59	ng	# 84
19) n-Nitroso-di-n-propylamine	7.15	70	230709	35.62	ng	# 85
20) 3+4-Methylphenols	7.15	107	331776	39.58	ng	96
22) Acetophenone	7.14	105	440996	35.03	ng	# 92
24) Nitrobenzene	7.31	77	354318	35.23	ng	93
25) Isophorone	7.56	82	651863	35.07	ng	97
26) 2-Nitrophenol	7.63	139	187277	35.18	ng	# 83
27) 2,4-Dimethylphenol	7.67	122	319469	35.25	ng	95
28) bis(2-Chloroethoxy)methane	7.77	93	447096	36.44	ng	98
29) 2,4-Dichlorophenol	7.87	162	279520	35.74	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	257305	34.88	ng	97
31) Naphthalene	8.04	128	978323	35.97	ng	99
32) Benzoic acid	7.74	122	37383	4.91	ng	92
33) 4-Chloroaniline	8.08	127	309828	27.43	ng	99
34) Hexachlorobutadiene	8.16	225	126743	33.50	ng	95
35) Caprolactam	8.43	113	87524	32.46	ng	# 61
36) 4-Chloro-3-methylphenol	8.57	107	290850	33.61	ng	91
37) 2-Methylnaphthalene	8.73	142	634174	36.63	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	212644	34.55	ng	99
40) Hexachlorocyclopentadiene	8.89	237	166735	55.72	ng	97

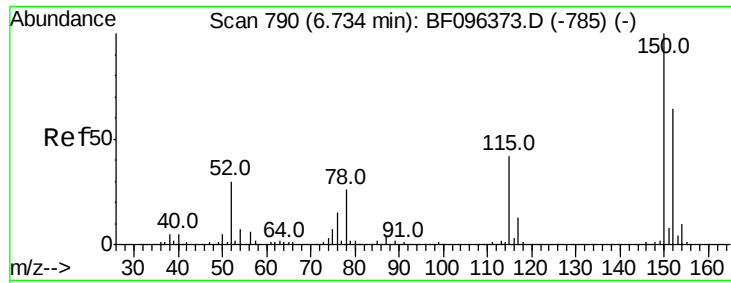
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
 Data File : BF096387.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	169374	34.79	nq	98
43) 2,4,5-Trichlorophenol	9.05	196	174324	36.21	nq	96
45) 1,1'-Biphenyl	9.19	154	688891	33.92	nq	97
46) 2-Chloronaphthalene	9.22	162	540519	35.71	nq	94
47) 2-Nitroaniline	9.30	65	201652	36.62	nq	98
48) Acenaphthylene	9.63	152	854038	35.61	nq	99
49) Dimethylphthalate	9.49	163	834874	47.18	nq	99
50) 2,6-Dinitrotoluene	9.55	165	138647	35.43	nq	# 91
51) Acenaphthene	9.80	154	501037	33.89	nq	98
52) 3-Nitroaniline	9.71	138	139093	28.50	nq	98
53) 2,4-Dinitrophenol	9.82	184	47345	22.78	nq	# 72
54) Dibenzofuran	9.97	168	722155	37.00	nq	96
55) 4-Nitrophenol	9.88	139	225557	55.76	nq	# 74
56) 2,4-Dinitrotoluene	9.95	165	175161	35.35	nq	# 86
57) Fluorene	10.32	166	496367	36.01	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	124145	37.28	nq	# 97
59) Diethylphthalate	10.19	149	582330	34.82	nq	99
60) 4-Chlorophenyl-phenylether	10.31	204	211314	35.24	nq	91
61) 4-Nitroaniline	10.32	138	126330	28.47	nq	90
62) Azobenzene	10.47	77	576499	35.65	nq	94
64) 4,6-Dinitro-2-methylphenol	10.36	198	57751	24.45	nq	# 77
65) n-Nitrosodiphenylamine	10.42	169	462635	38.50	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	131172	39.34	nq	96
67) Hexachlorobenzene	10.86	284	130418	35.73	nq	# 88
68) Atrazine	10.95	200	124199	36.18	nq	94
69) Pentachlorophenol	11.06	266	128505	59.41	nq	97
70) Phenanthrene	11.27	178	674287	36.42	nq	100
71) Anthracene	11.32	178	699343	37.07	nq	98
72) Carbazole	11.47	167	625006	32.94	nq	96
73) Di-n-butylphthalate	11.82	149	759096	33.03	nq	# 98
74) Fluoranthene	12.45	202	552610	30.44	nq	98
76) Benzidine	12.57	184	314871	28.95	nq	# 92
77) Pyrene	12.68	202	582422	32.02	nq	99
79) Butylbenzylphthalate	13.30	149	288571	31.34	nq	# 81
80) Benzo(a)anthracene	13.86	228	473293	36.06	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	169464	31.44	nq	# 96
82) Chrysene	13.90	228	481427	35.03	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	363514	35.36	nq	100
84) Di-n-octyl phthalate	14.47	149	734490	36.28	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.65	276	517263	47.68	nq	95
87) Benzo(b)fluoranthene	14.91	252	501387	31.16	nq	96
88) Benzo(k)fluoranthene	14.91	252	501387	34.83	nq	96
89) Benzo(a)pyrene	15.23	252	504208	35.09	nq	98
90) Dibenzo(a,h)anthracene	16.67	278	431394	38.17	nq	# 95
91) Benzo(g,h,i)perylene	17.06	276	413550	35.31	nq	97

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

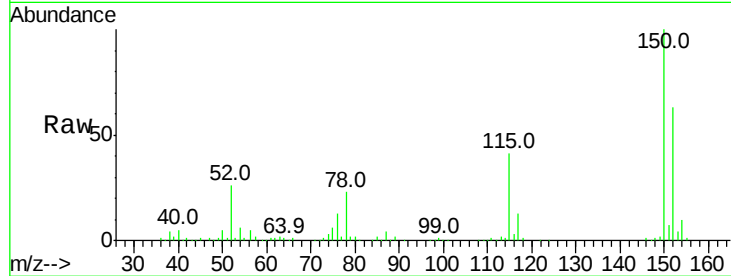


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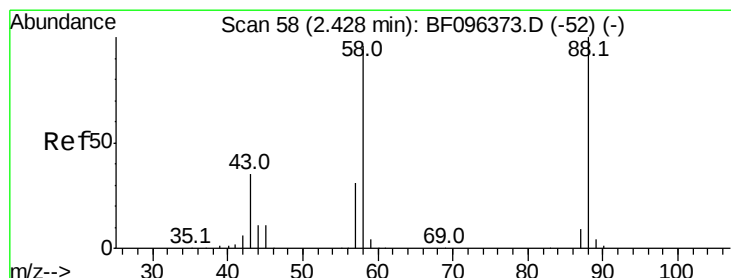
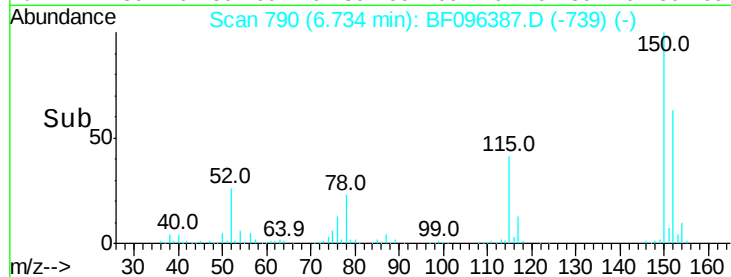
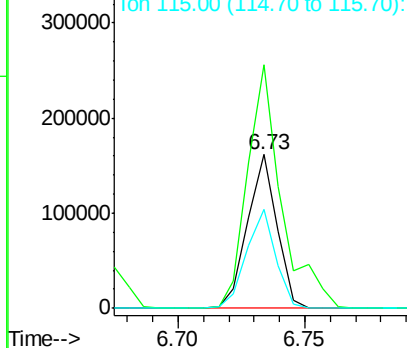
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130531
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 64.7 52.2 78.2



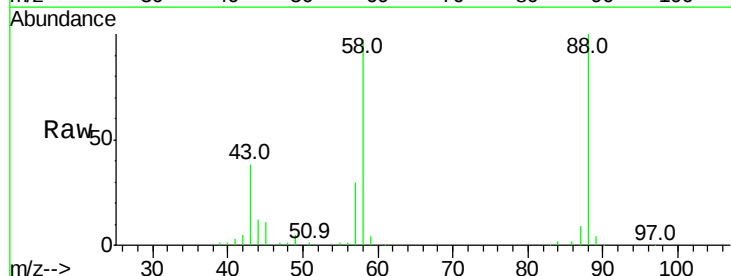
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



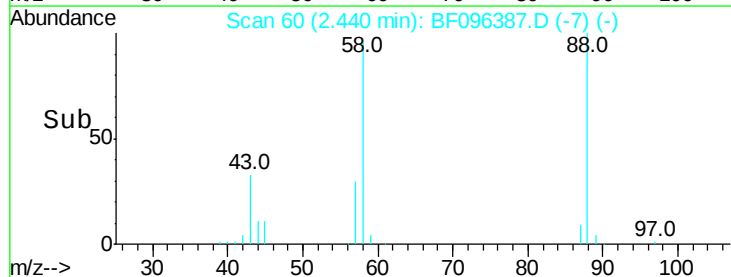
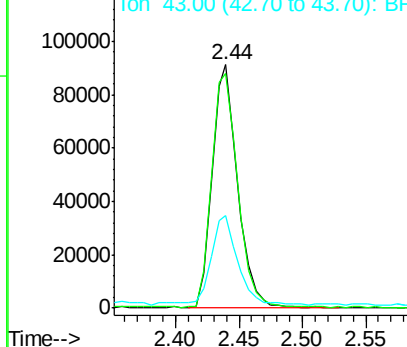
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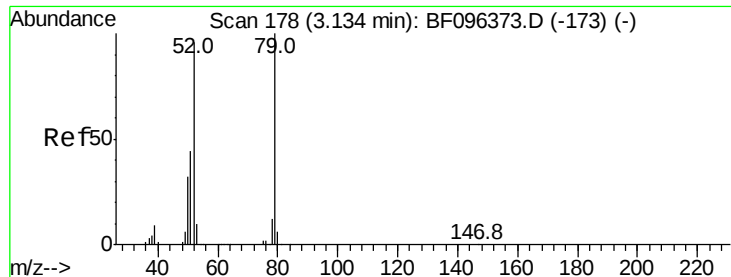
1,4-Dioxane
Concen: 30.56 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion: 88 Resp: 128139
Ion Ratio Lower Upper
88 100
58 100.3 61.4 92.0#
43 37.5 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: 29.82 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :

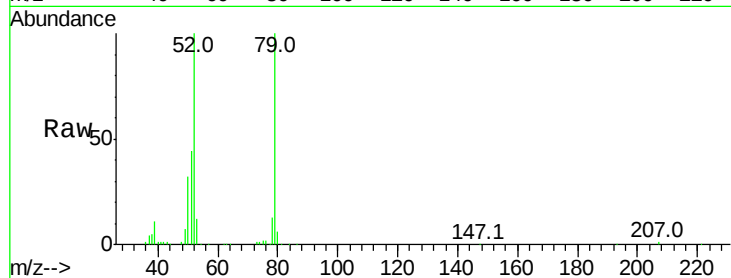
Tot Ion: 79 Resp: 343100

Ion Ratio Lower Upper

79 100

52 99.5 54.8 82.2#

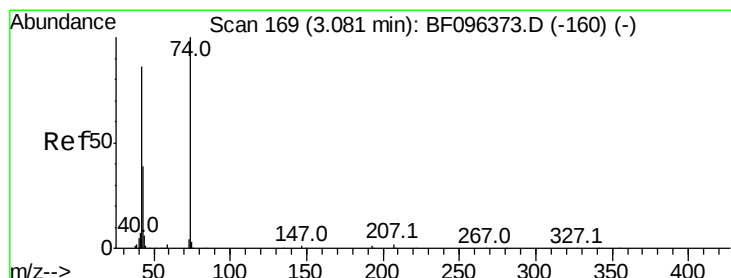
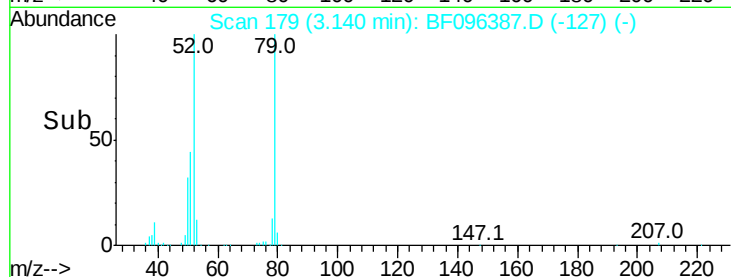
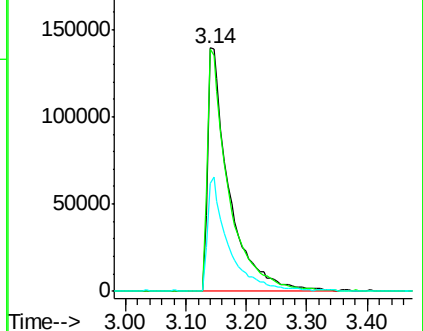
51 44.3 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.36 ng

RT: 3.08 min Scan# 168

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

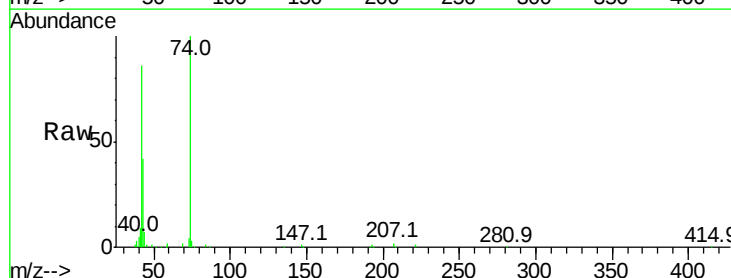
Tgt Ion: 42 Resp: 189483

Ion Ratio Lower Upper

42 100

74 116.3 103.9 155.9

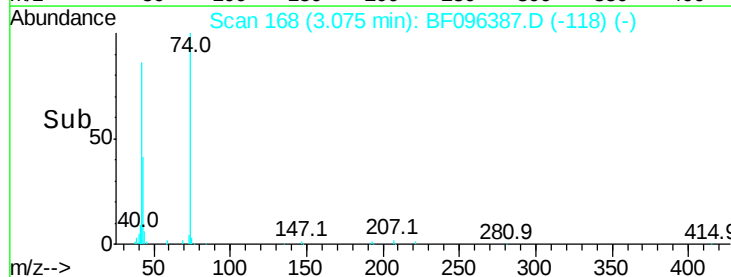
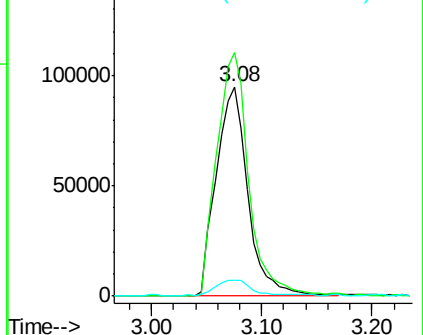
44 7.6 5.7 8.5

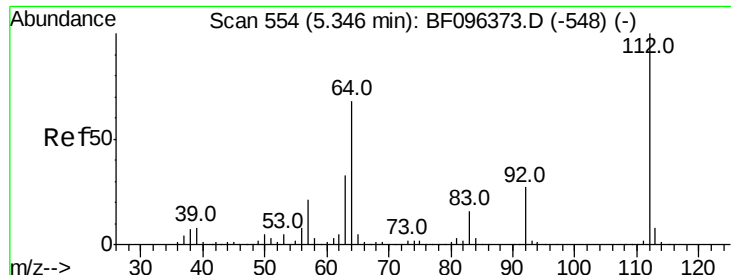


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 103.66 ng

RT: 5.35 min Scan# 555

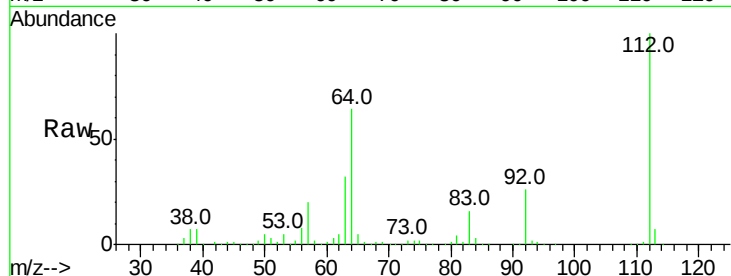
Delta R.T. 0.01 min

Lab File: BF096387.D

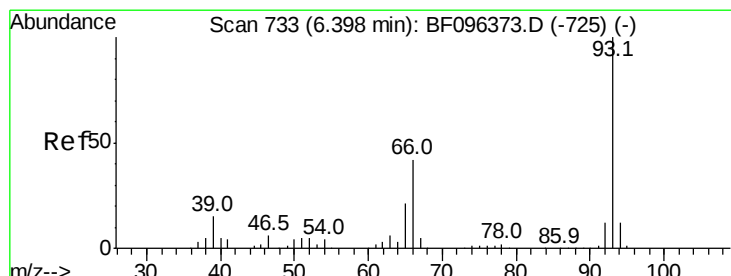
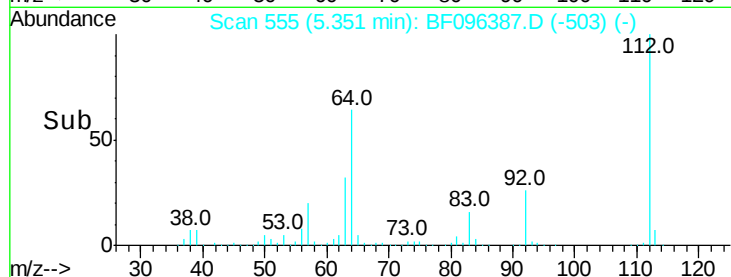
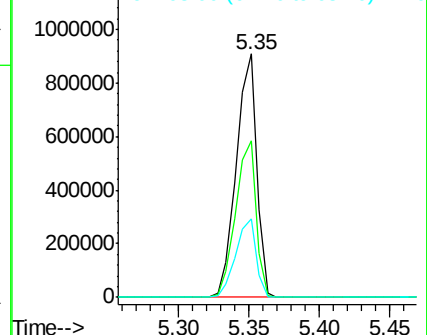
Acq: 1 Jul 2017 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	916758
Ion	Ratio	Lower	Upper
112	100		
64	64.3	46.0	69.0
63	32.2	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 31.00 ng

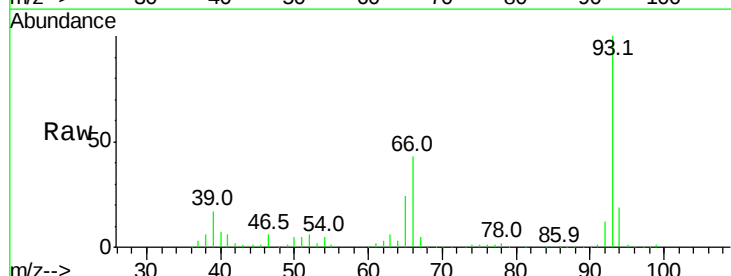
RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

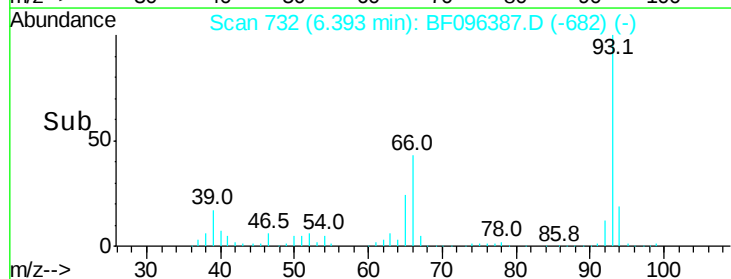
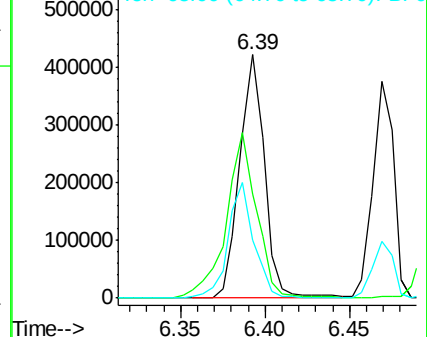
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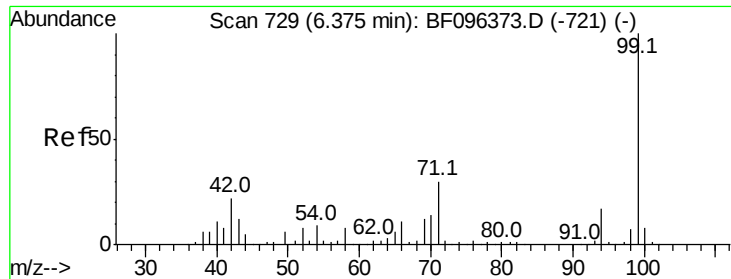
Acq: 1 Jul 2017 19:07

Tgt Ion:	93	Resp:	435602
Ion	Ratio	Lower	Upper
93	100		
66	42.9	32.9	49.3
65	23.9	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 103.70 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

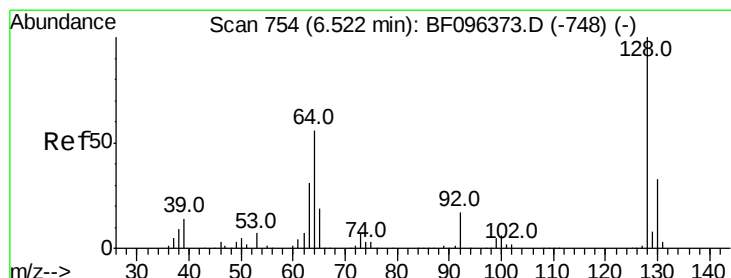
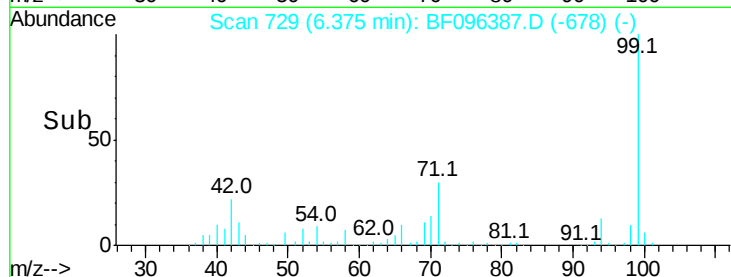
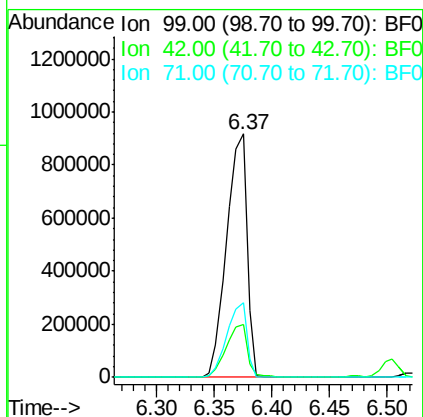
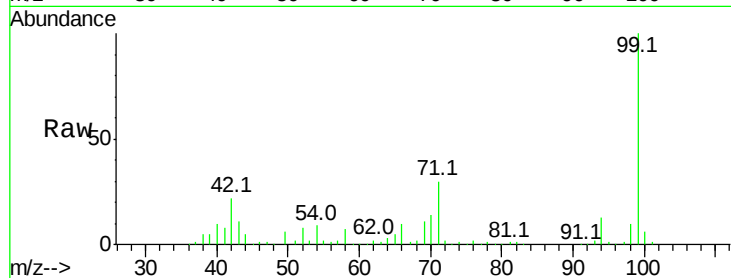
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1127493

Ion	Ratio	Lower	Upper
99	100		
42	21.6	13.5	20.3#
71	30.4	24.5	36.7



#8

2-Chlorophenol

Concen: 35.88 ng

RT: 6.52 min Scan# 754

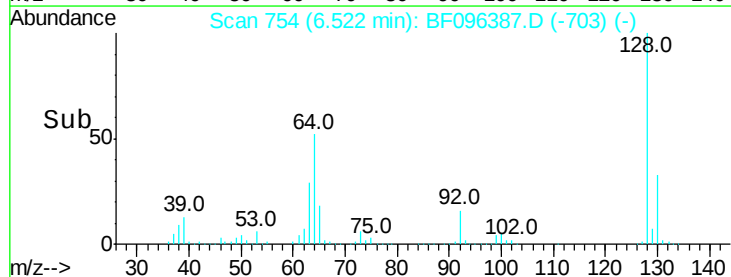
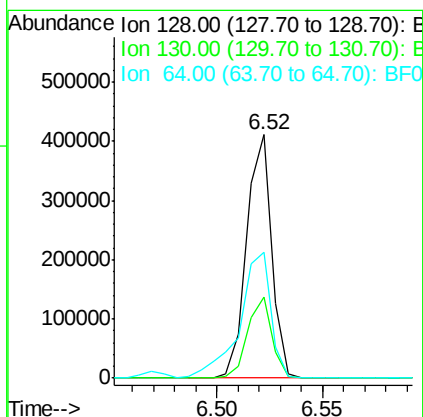
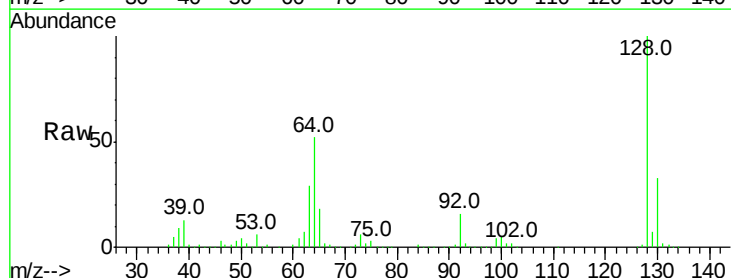
Delta R.T. 0.00 min

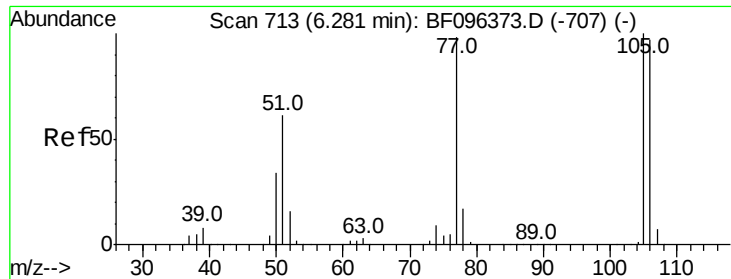
Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Tgt Ion:128 Resp: 338347

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.9	52.9
64	51.5	28.4	68.4

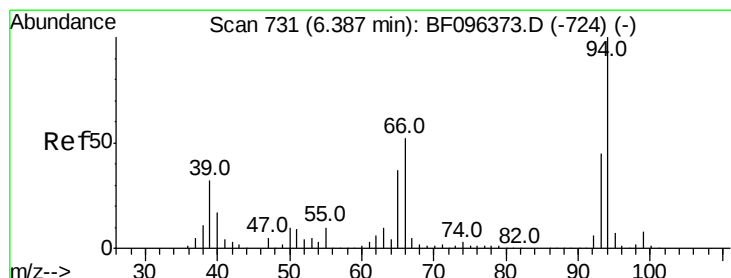
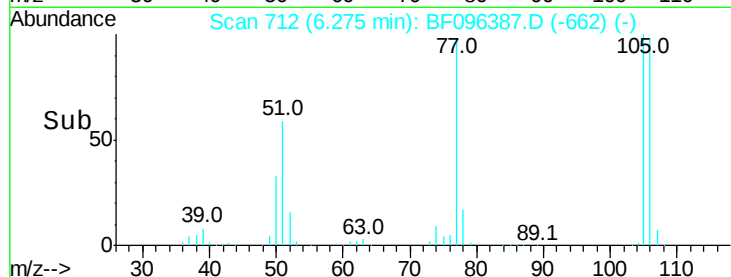
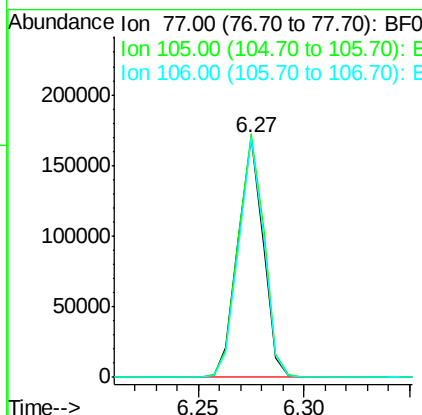
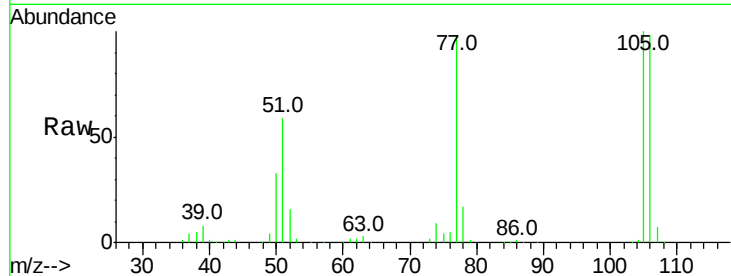




#9
Benzaldehyde
Concen: 20.72 ng
RT: 6.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

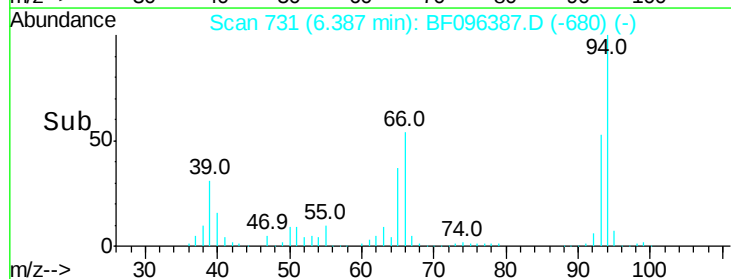
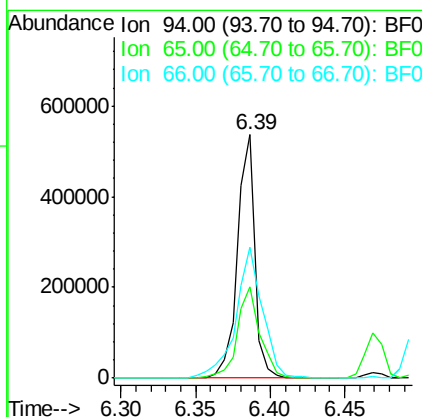
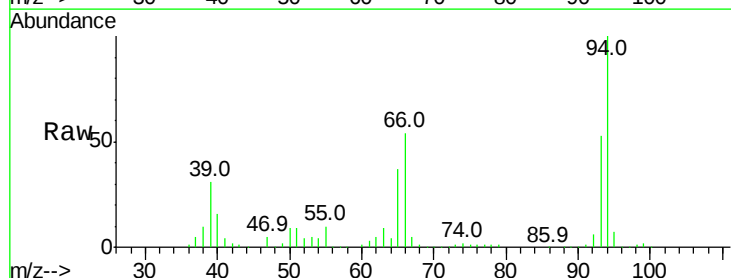
Instrument :
BNA_F
ClientSampled :

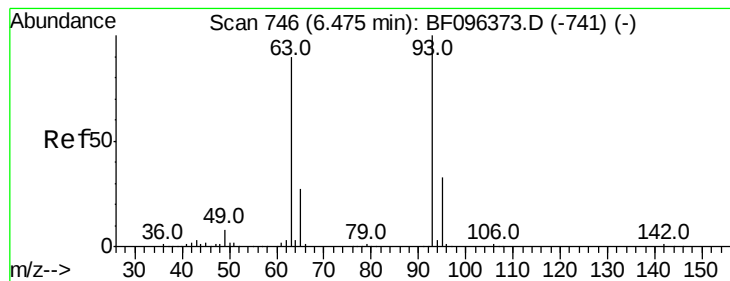
Tot Ion: 77 Resp: 140999
Ion Ratio Lower Upper
77 100
105 101.7 83.8 123.8
106 100.0 79.1 119.1



#10
Phenol
Concen: 35.51 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion: 94 Resp: 439823
Ion Ratio Lower Upper
94 100
65 37.3 9.9 49.9
66 53.6 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 33.48 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :

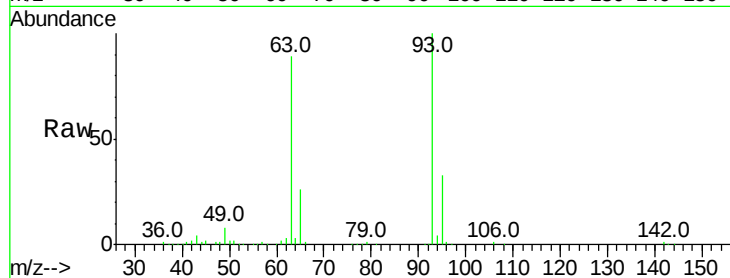
Tot Ion: 93 Resp: 320458

Ion Ratio Lower Upper

93 100

63 88.8 59.2 99.2

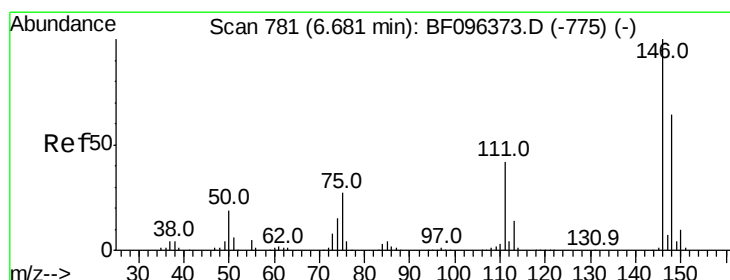
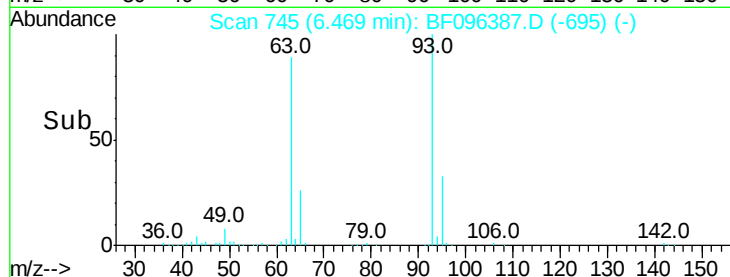
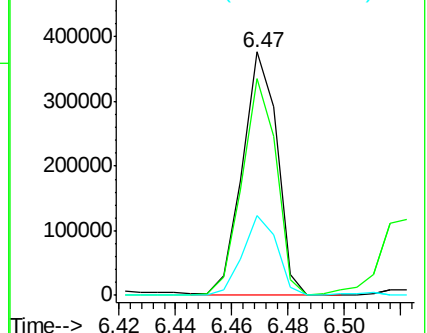
95 32.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.10 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

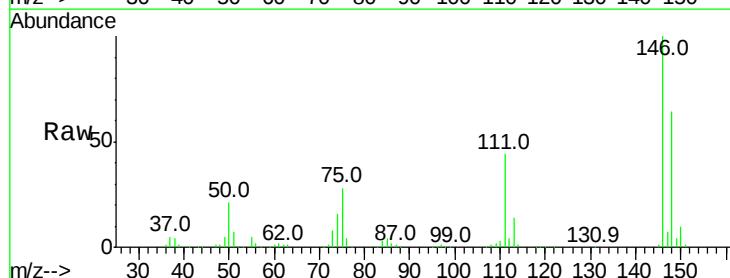
Tgt Ion: 146 Resp: 347042

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

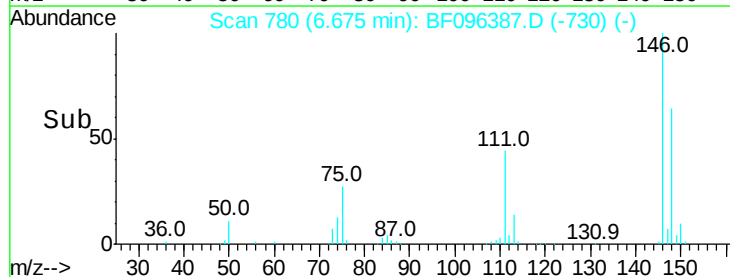
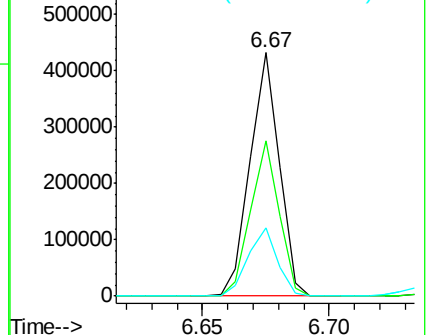
75 28.1 23.1 34.7

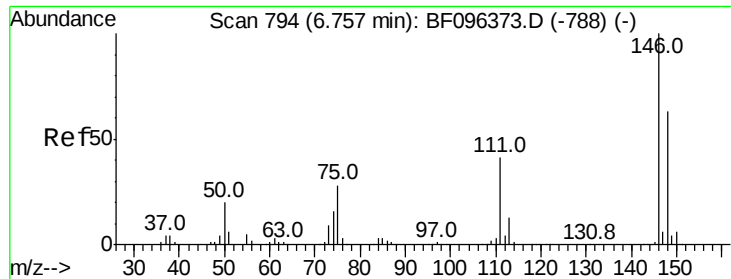


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

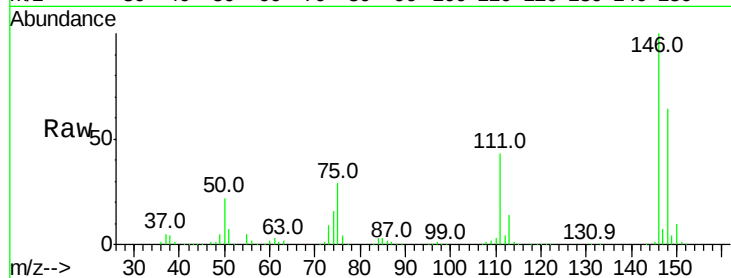




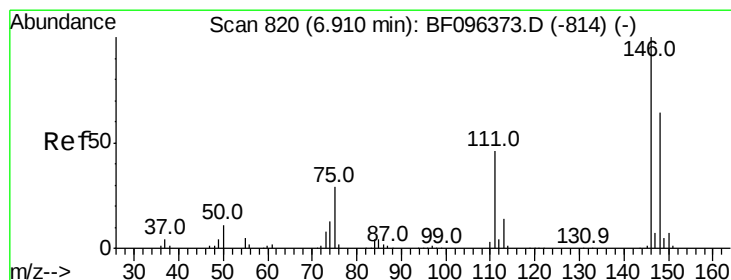
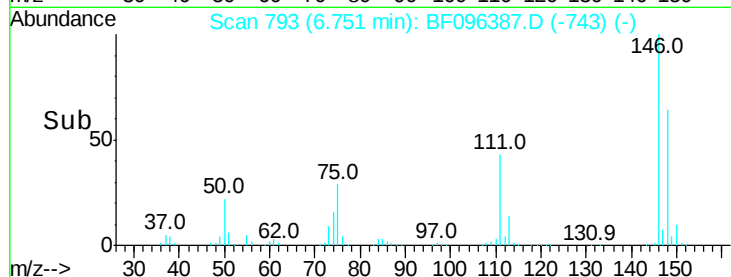
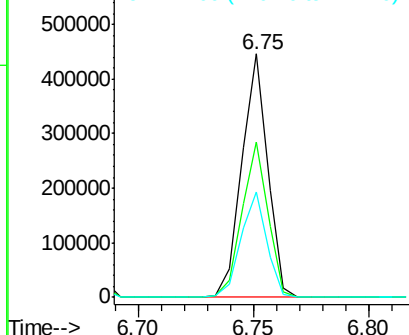
#13
 1,4-Dichlorobenzene
 Concen: 35.25 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 348423
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 43.2 30.3 45.5

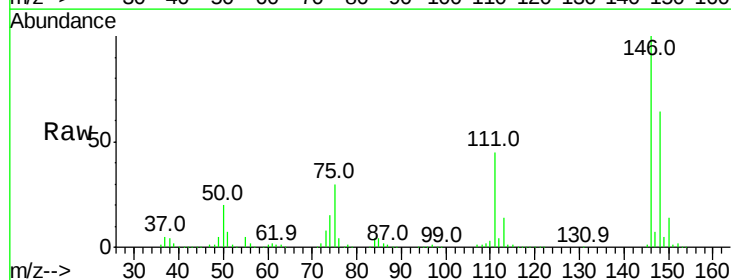


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

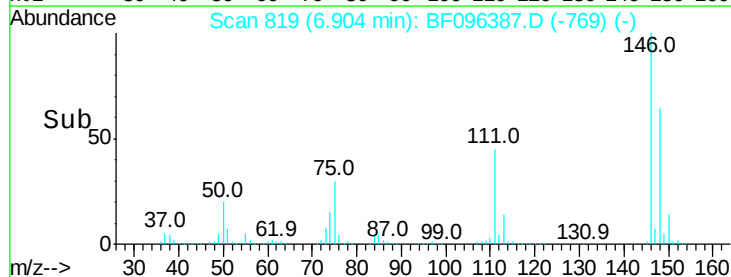
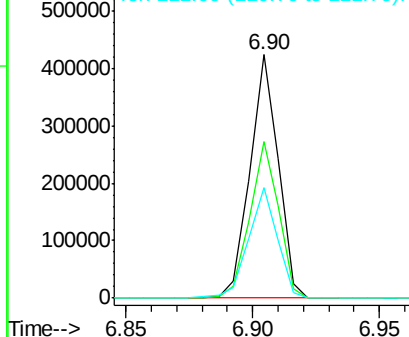


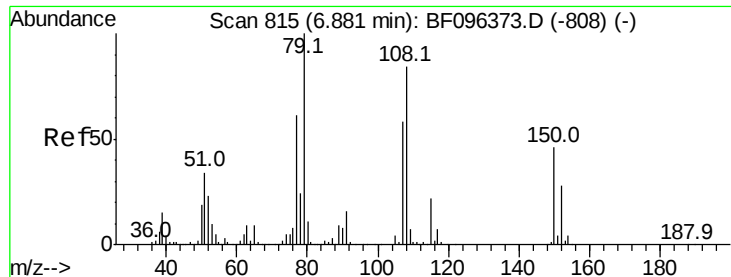
#14
 1,2-Dichlorobenzene
 Concen: 36.16 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Tgt Ion:146 Resp: 328120
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.4 75.6
 111 45.5 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: 38.92 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :

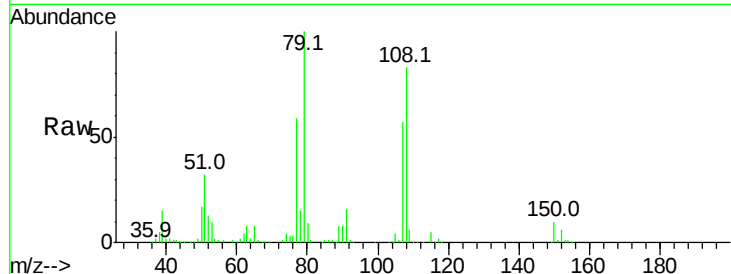
Tot Ion: 79 Resp: 282871

Ion Ratio Lower Upper

79 100

108 83.0 63.4 95.0

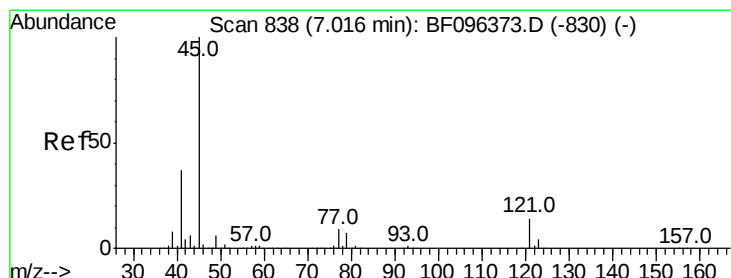
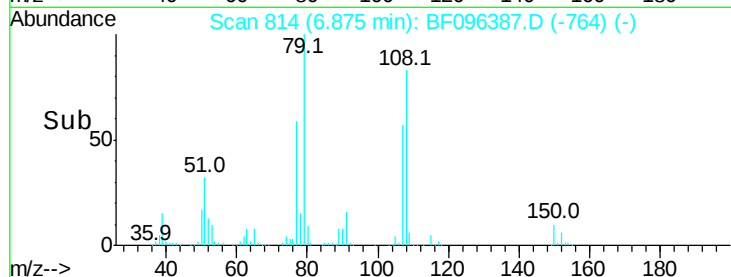
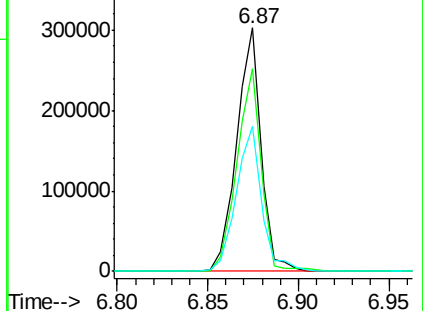
77 59.5 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.45 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

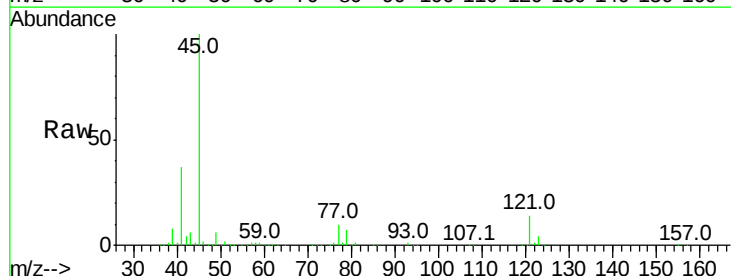
Tgt Ion: 45 Resp: 748222

Ion Ratio Lower Upper

45 100

77 9.6 0.0 33.2

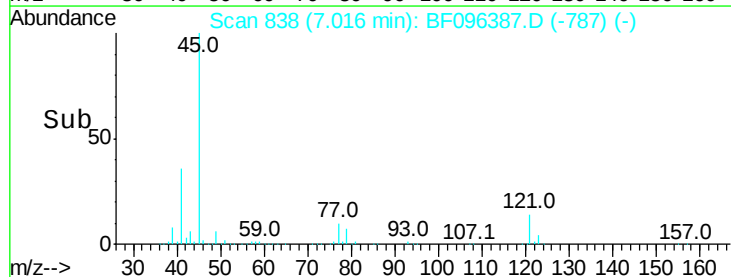
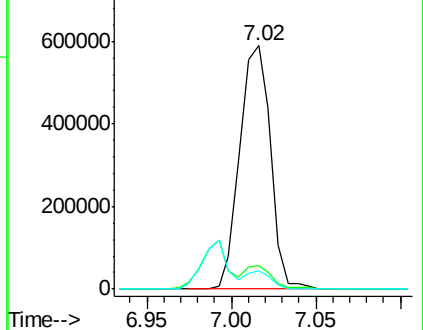
79 7.3 0.0 30.0

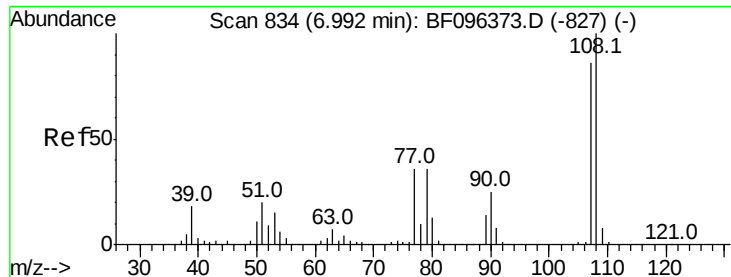


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

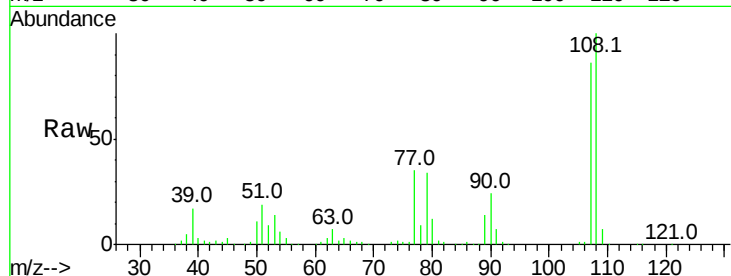




#17
2-Methylphenol
Concen: 37.48 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.3	93.4	140.0
77	40.4	35.8	53.6
79	40.1	34.8	52.2



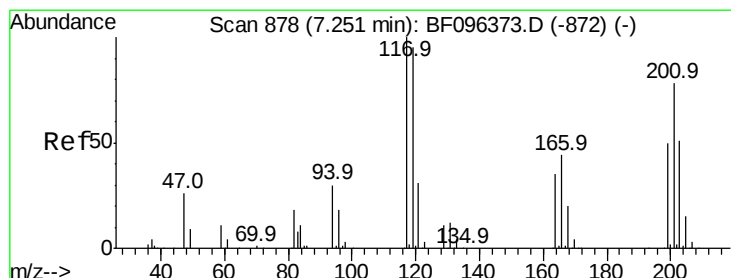
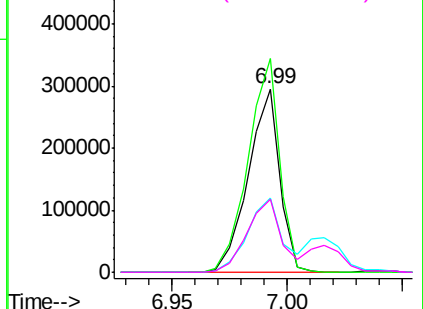
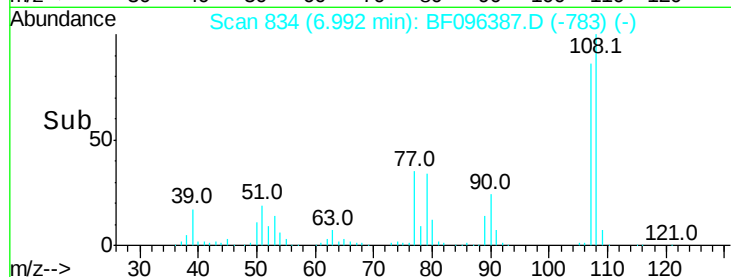
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

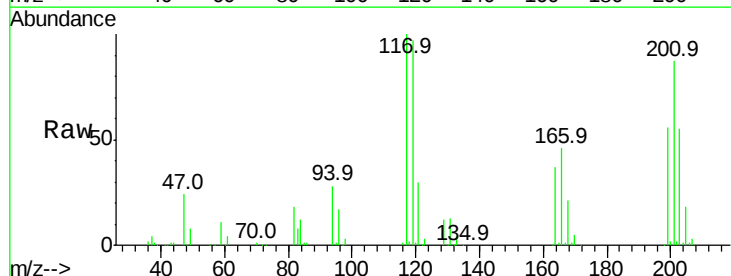
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 35.59 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
201	86.6	94.6	141.8#

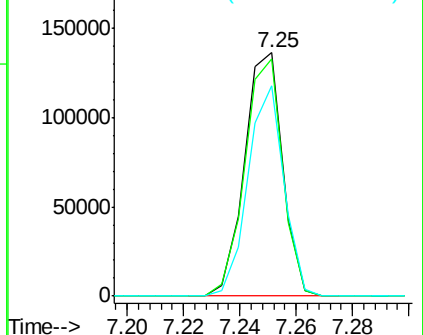
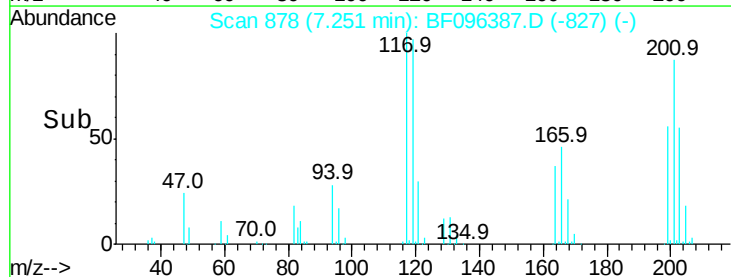


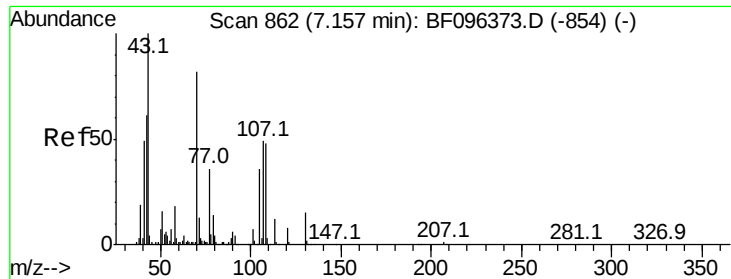
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

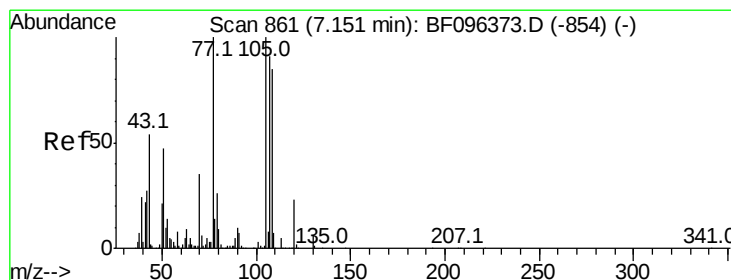
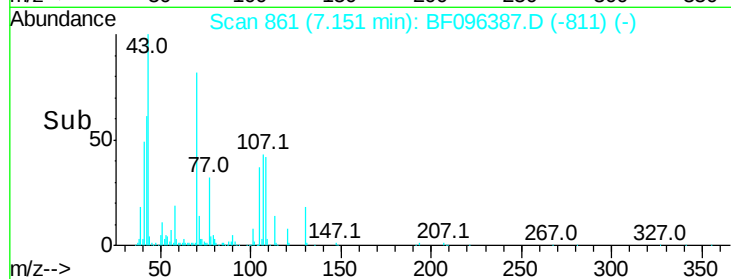
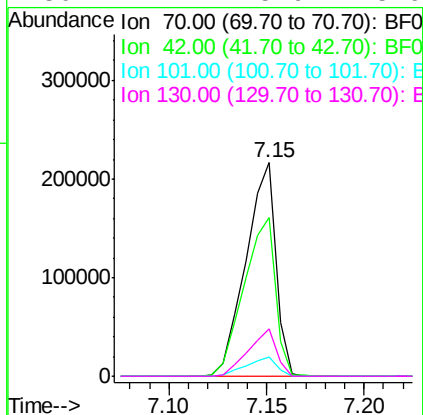
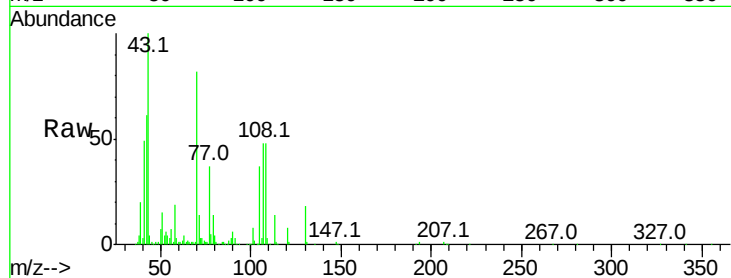




#19
n-Nitroso-di-n-propylamine
Concen: 35.62 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

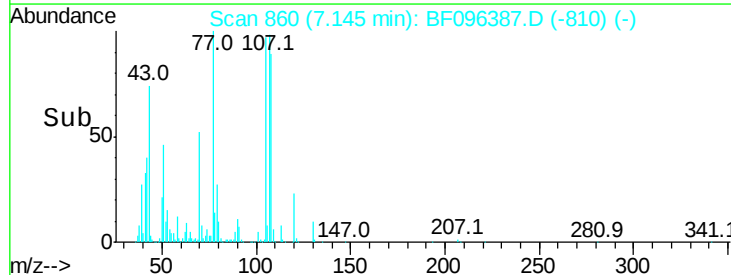
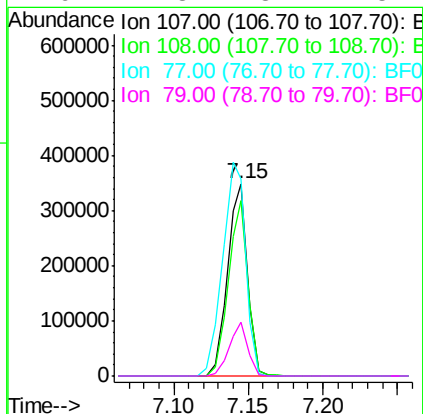
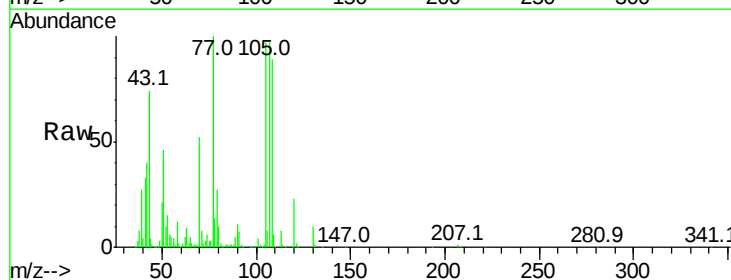
Instrument :
BNA_F
ClientSampleId :

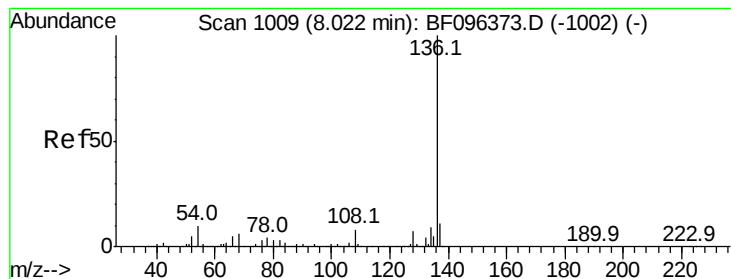
Tot Ion: 70 Resp: 230709
Ion Ratio Lower Upper
70 100
42 74.1 47.2 70.8#
101 9.1 7.2 10.8
130 22.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 39.58 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion:107 Resp: 331776
Ion Ratio Lower Upper
107 100
108 91.3 71.0 111.0
77 102.7 90.5 130.5
79 27.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 576098

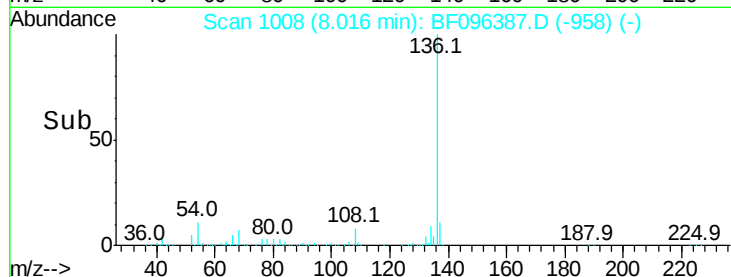
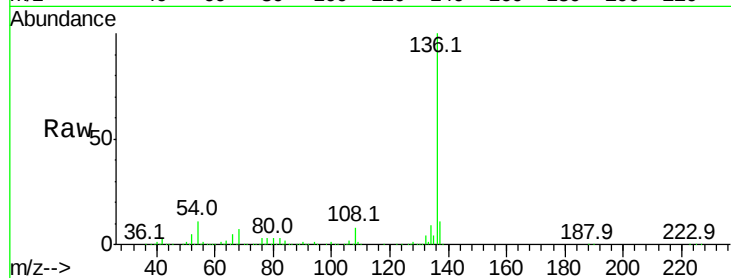
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.6 4.9 7.3#

68 6.6 4.1 6.1#

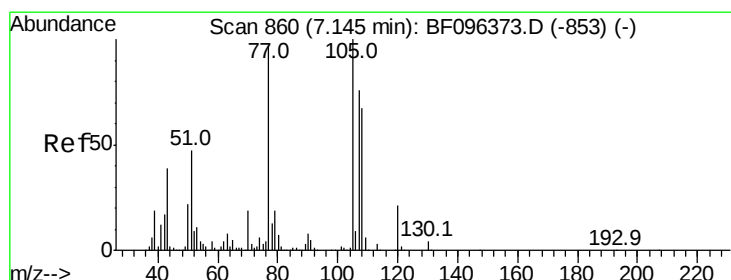
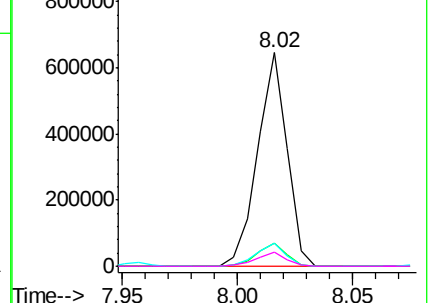


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.03 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Tgt Ion:105 Resp: 440996

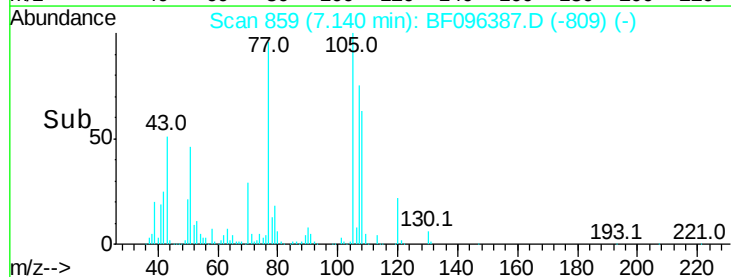
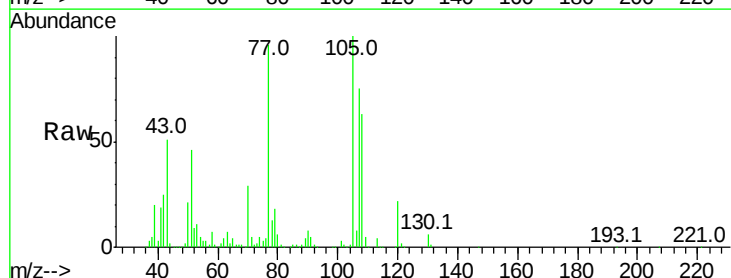
Ion Ratio Lower Upper

105 100

71 4.9 2.8 4.2#

51 46.3 30.7 46.1#

120 22.0 17.4 26.0

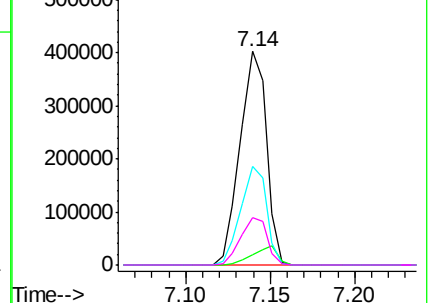


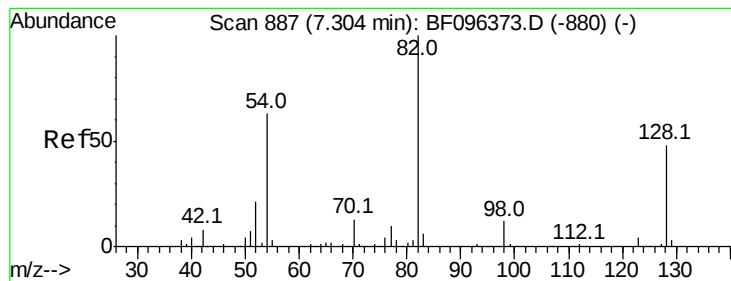
Abundance Ion 105.00 (104.70 to 105.70): E

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: 68.66 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :

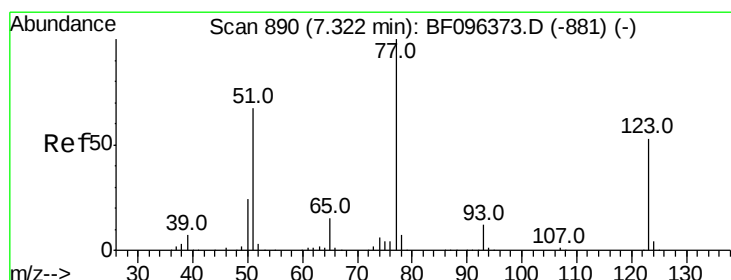
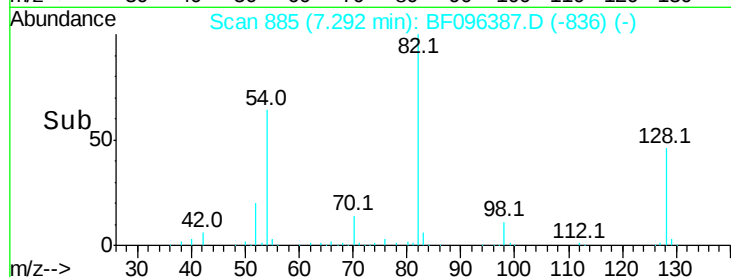
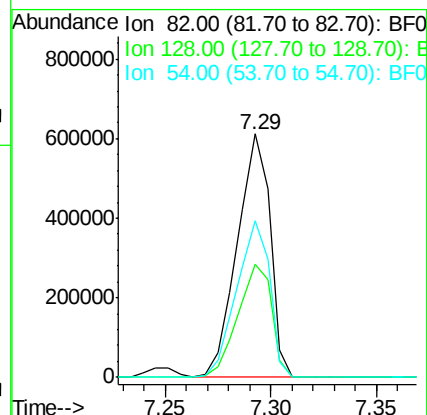
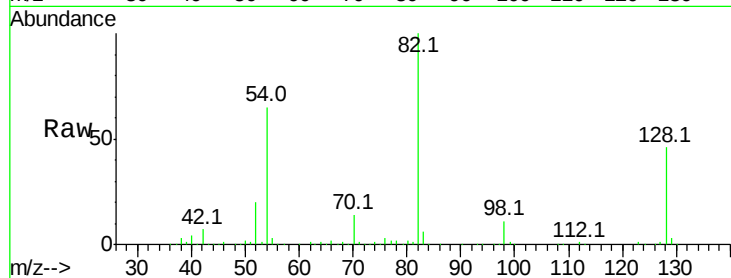
Tot Ion: 82 Resp: 658269

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

54 64.5 42.2 63.2#



#24

Nitrobenzene

Concen: 35.23 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

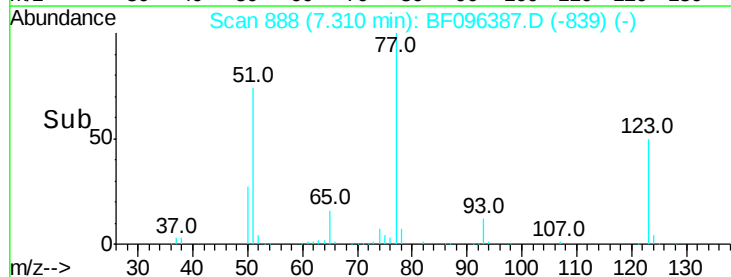
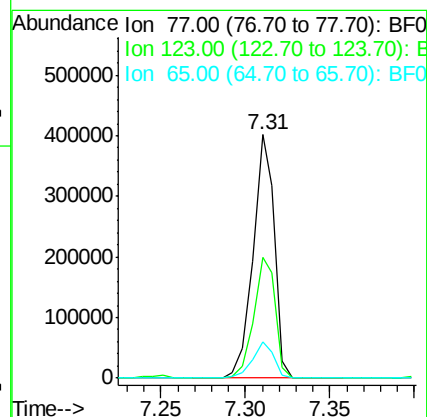
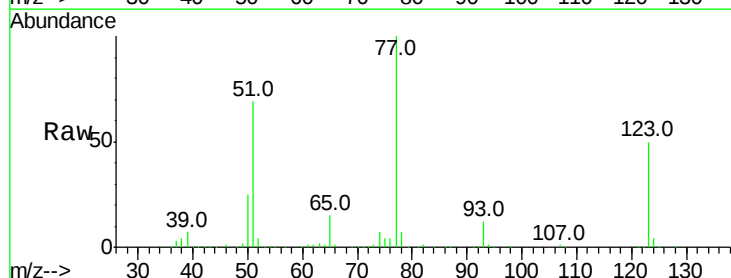
Tgt Ion: 77 Resp: 354318

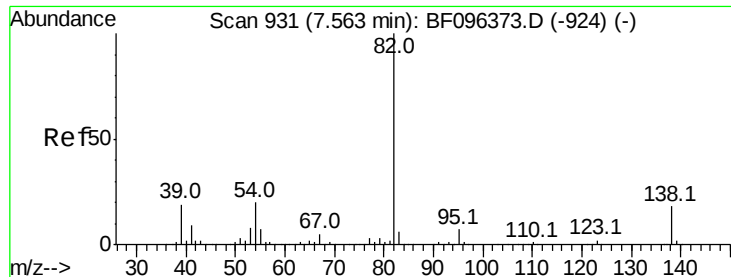
Ion Ratio Lower Upper

77 100

123 49.8 35.8 53.8

65 14.8 10.6 15.8





#25

Isophorone

Concen: 35.07 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :

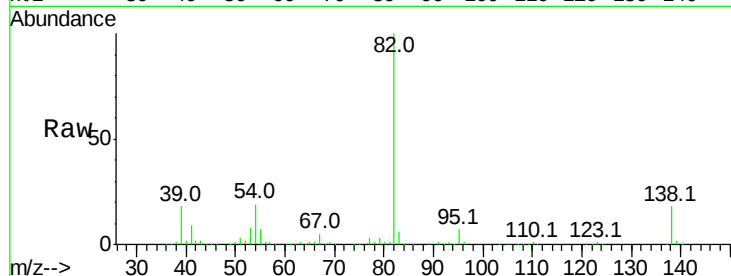
Tot Ion: 82 Resp: 651863

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

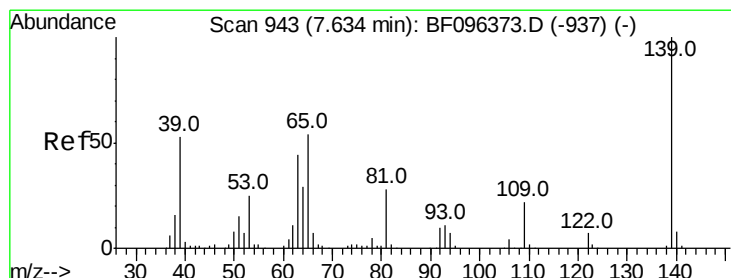
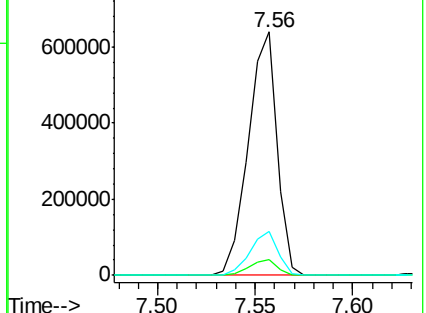
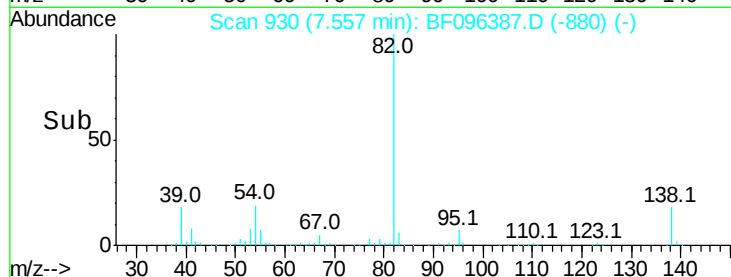
138 18.3 13.1 19.7



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): E



#26

2-Nitrophenol

Concen: 35.18 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

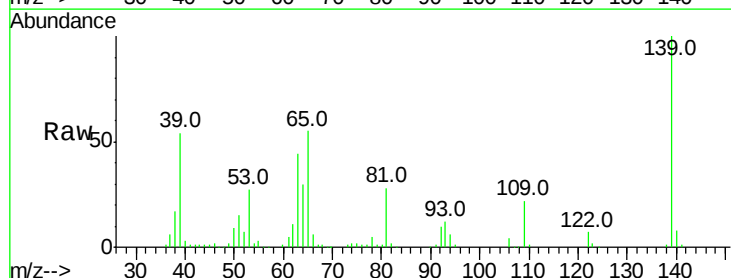
Tgt Ion: 139 Resp: 187277

Ion Ratio Lower Upper

139 100

109 22.1 21.0 31.6

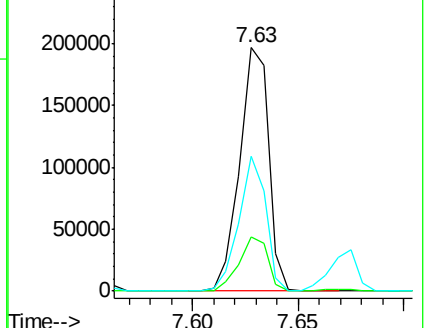
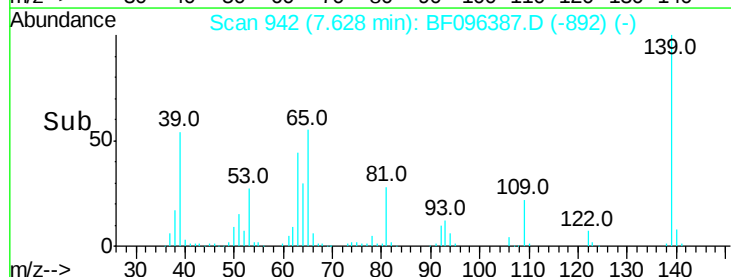
65 55.4 33.0 49.6#

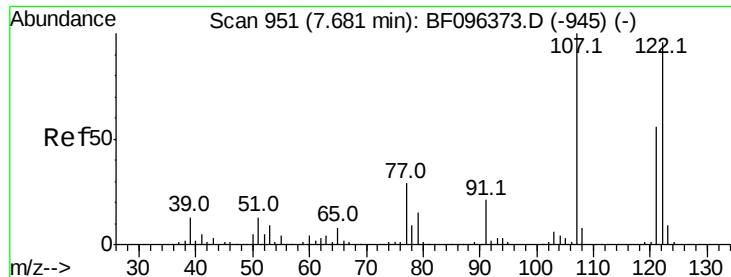


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

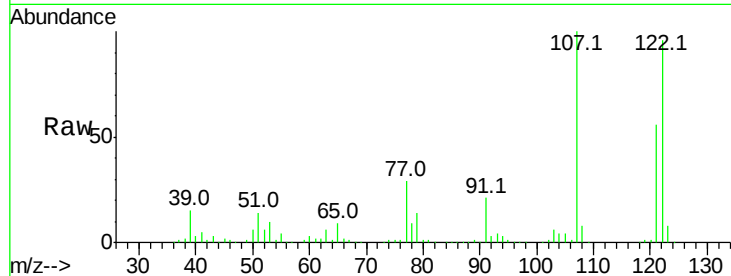




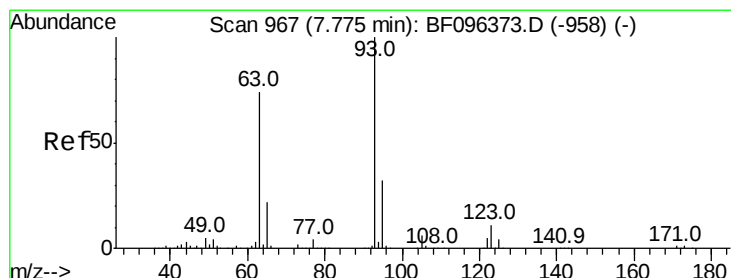
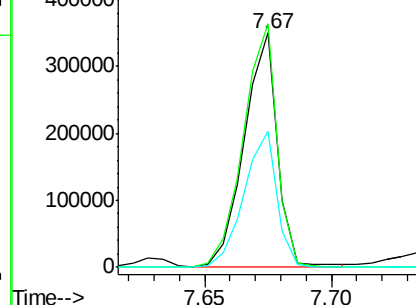
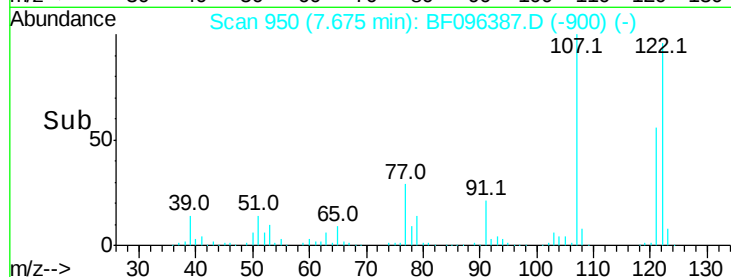
#27
 2,4-Dimethylphenol
 Concen: 35.25 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 319469
 Ion Ratio Lower Upper
 122 100
 107 103.8 89.2 133.8
 121 57.9 45.2 67.8

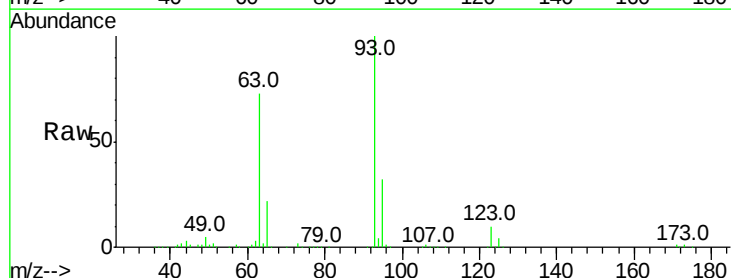


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

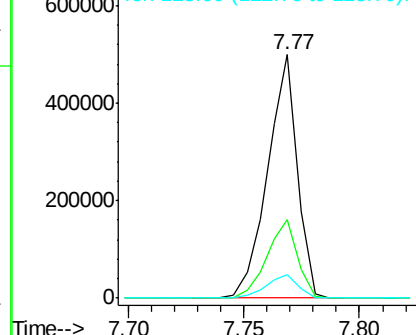
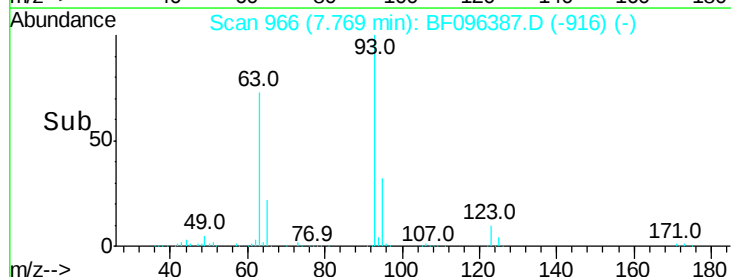


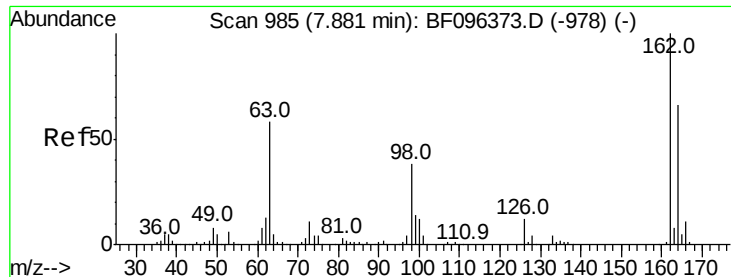
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.44 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Tgt Ion: 93 Resp: 447096
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 9.9 9.0 13.4



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

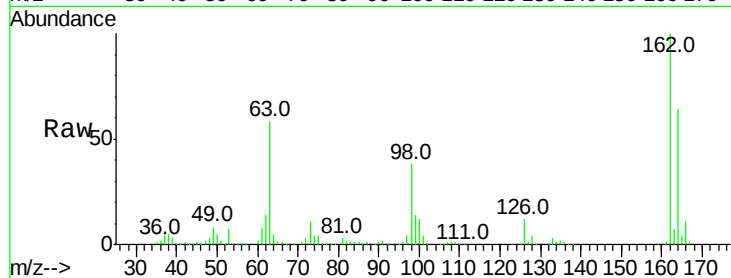




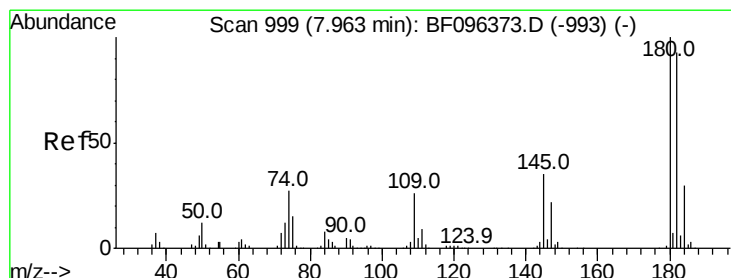
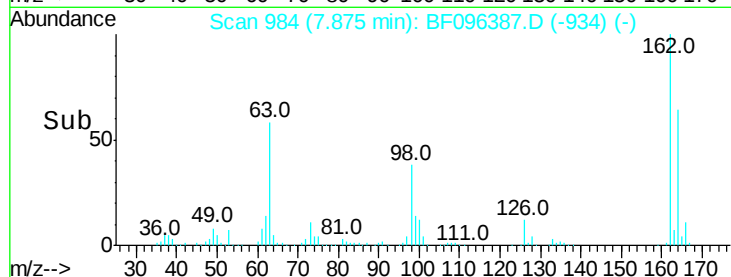
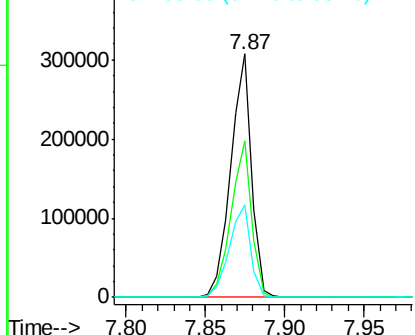
#29
 2,4-Dichlorophenol
 Concen: 35.74 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 279520
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.6 84.6
 98 37.8 14.8 54.8

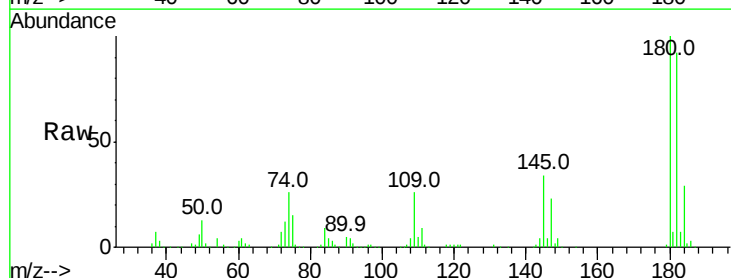


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

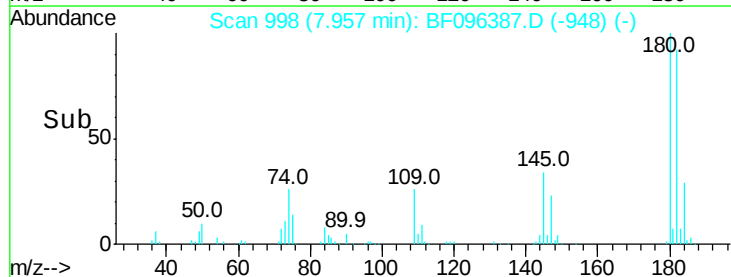
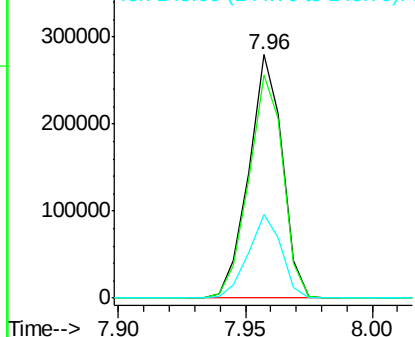


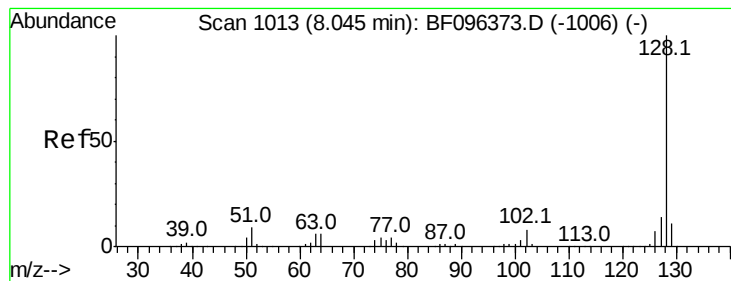
#30
 1,2,4-Trichlorobenzene
 Concen: 34.88 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Tgt Ion:180 Resp: 257305
 Ion Ratio Lower Upper
 180 100
 182 91.8 75.8 113.6
 145 34.2 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: 35.97 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :

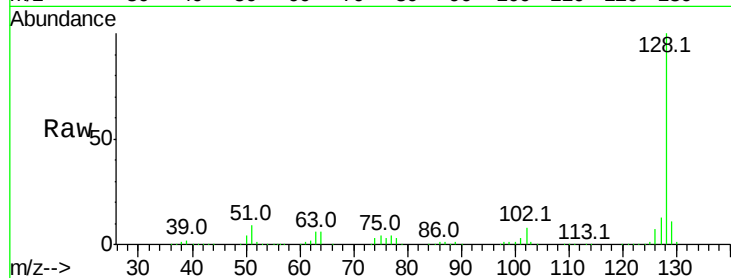
Tot Ion:128 Resp: 978323

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

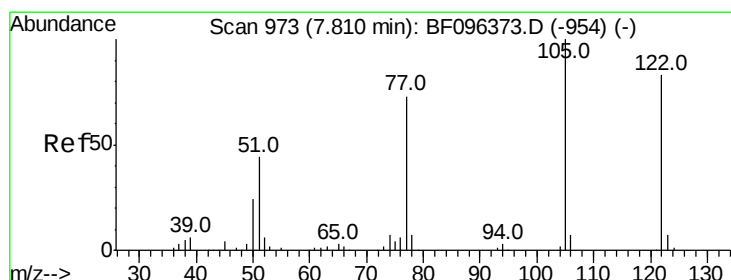
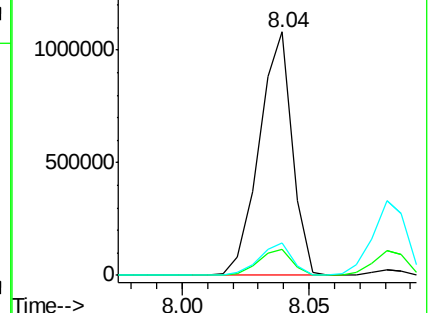
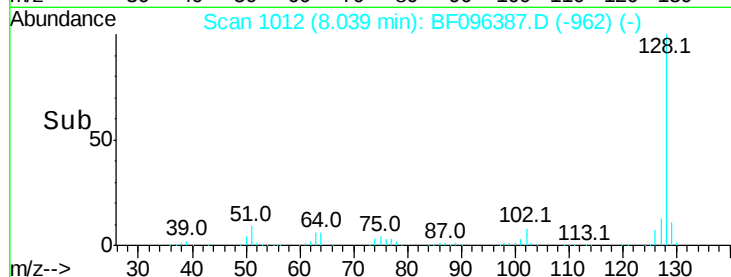
127 13.3 10.8 16.2



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: 4.91 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.07 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

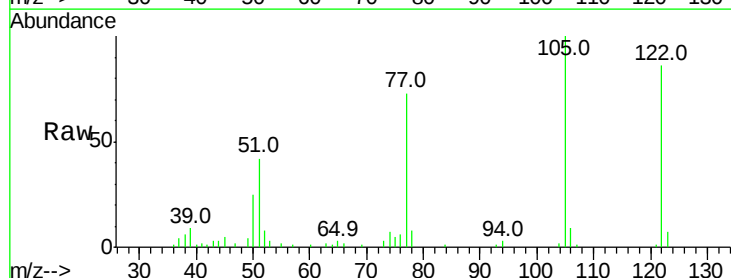
Tgt Ion:122 Resp: 37383

Ion Ratio Lower Upper

122 100

105 115.8 103.3 143.3

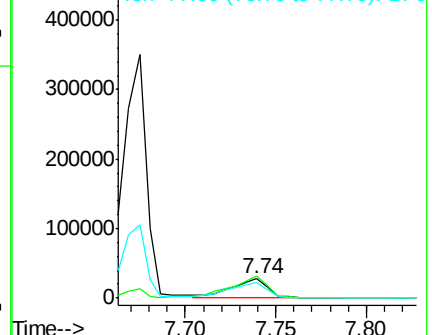
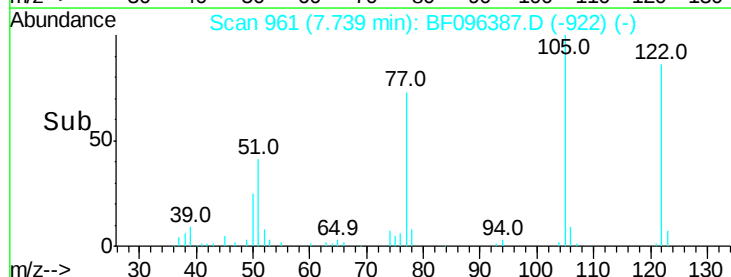
77 84.6 73.7 113.7

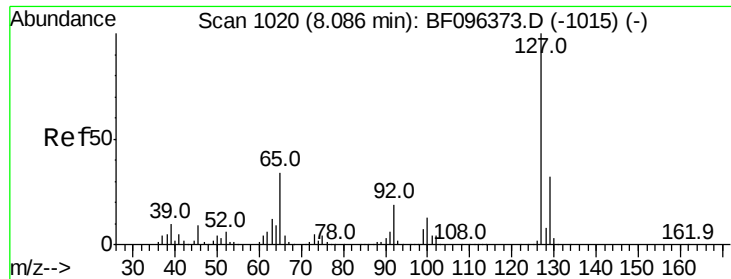


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

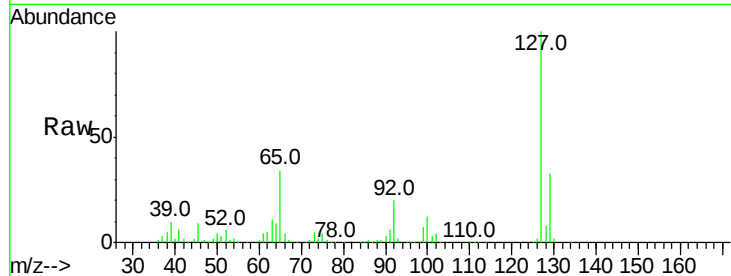




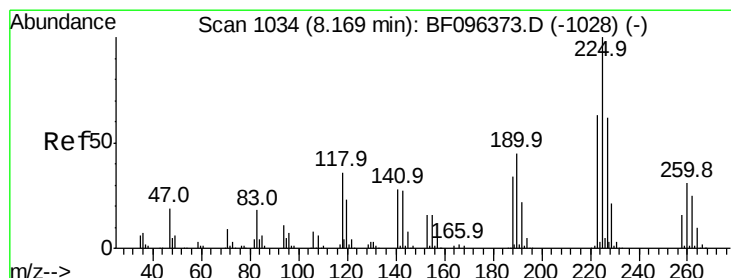
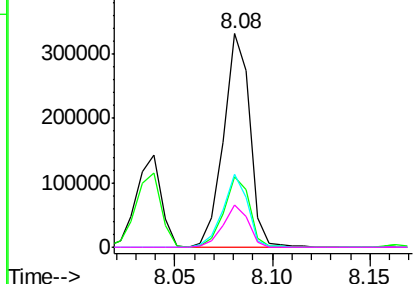
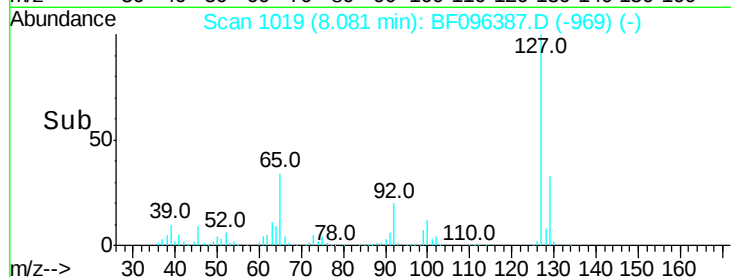
#33
4-Chloroaniline
Concen: 27.43 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	309828
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.2
65	34.5	27.8	41.8
92	20.0	16.8	25.2

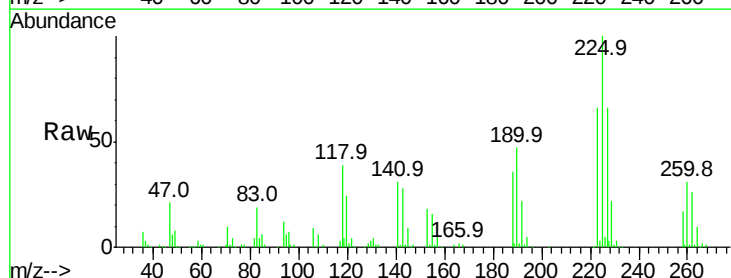


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

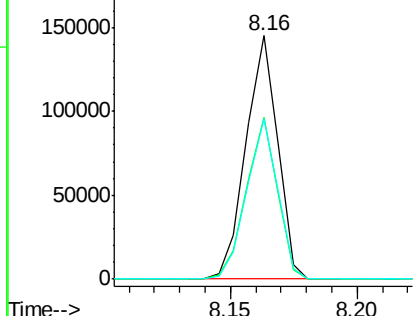
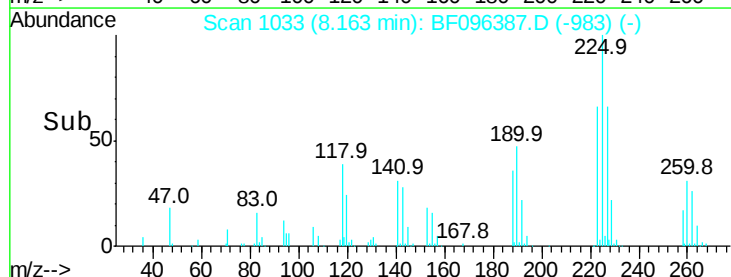


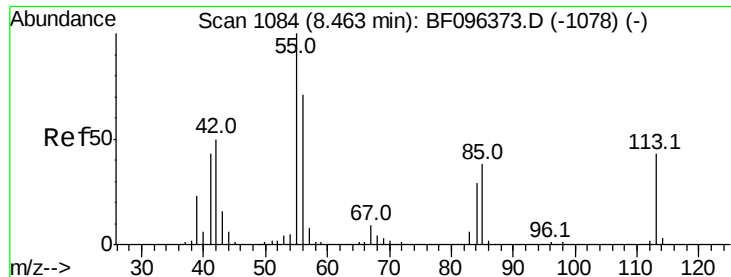
#34
Hexachlorobutadiene
Concen: 33.50 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion:	225	Resp:	126743
Ion	Ratio	Lower	Upper
225	100		
223	66.3	48.8	73.2
227	66.0	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

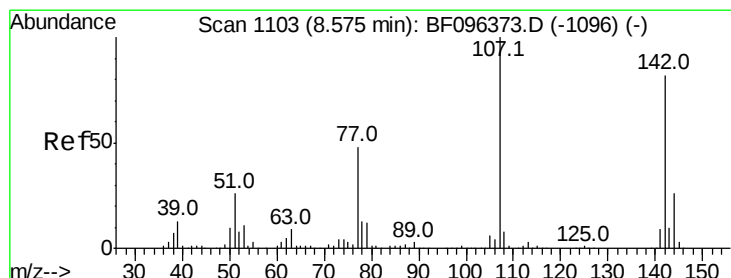
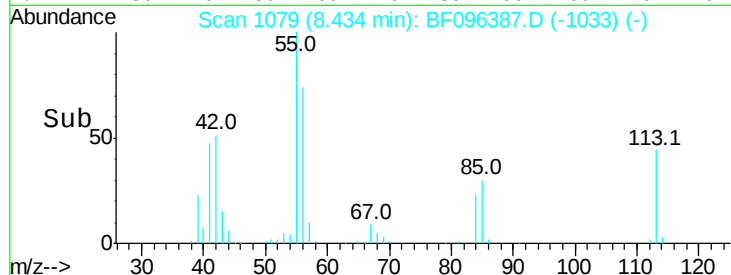
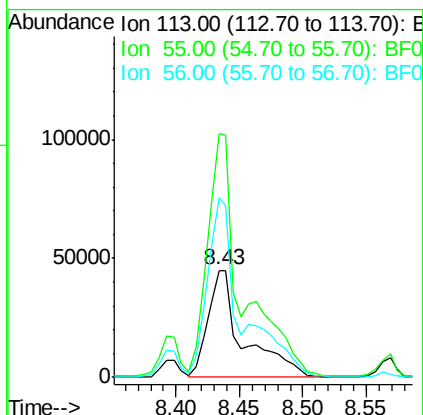
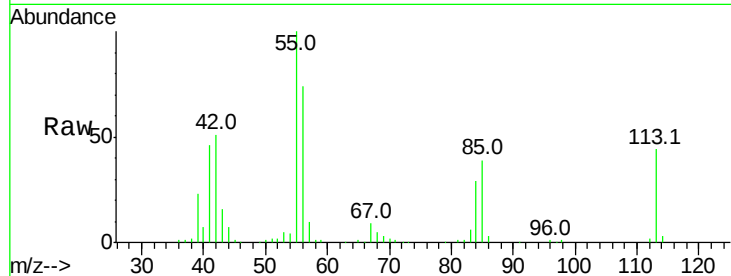




#35
 Caprolactam
 Concen: 32.46 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

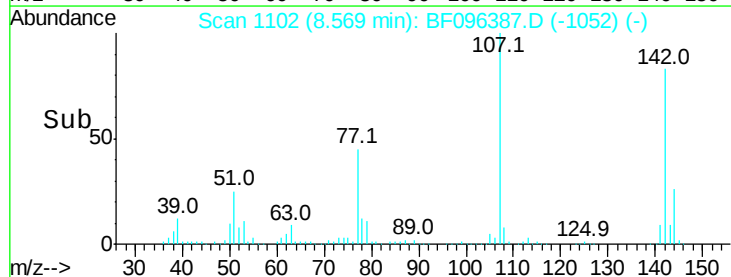
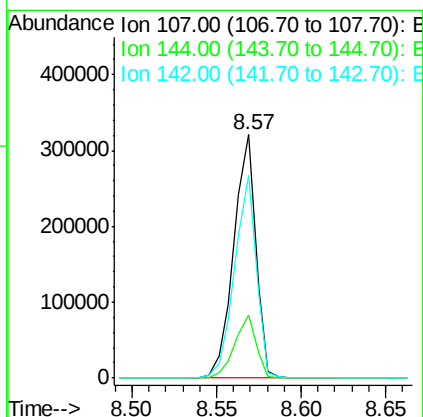
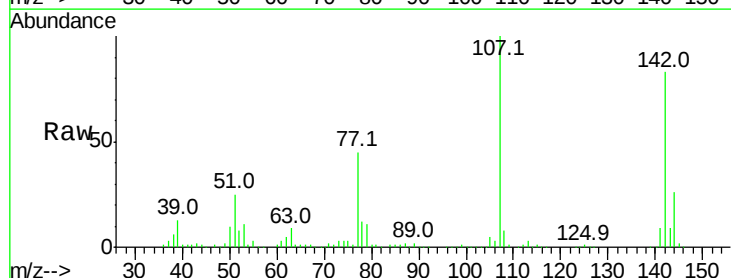
Instrument :
 BNA_F
 ClientSampleId :

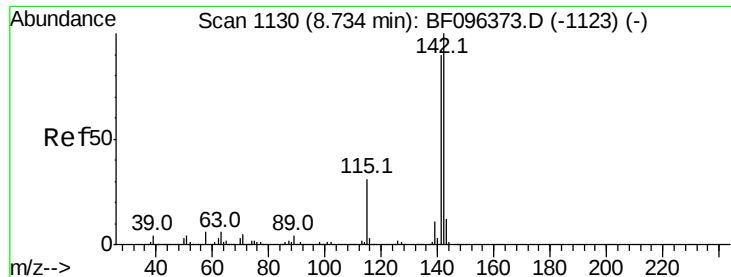
Tot Ion:113 Resp: 87524
 Ion Ratio Lower Upper
 113 100
 55 227.6 150.2 190.2#
 56 167.5 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 33.61 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Tgt Ion:107 Resp: 290850
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 83.0 73.4 110.0





#37

2-Methylnaphthalene

Concen: 36.63 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.01 min

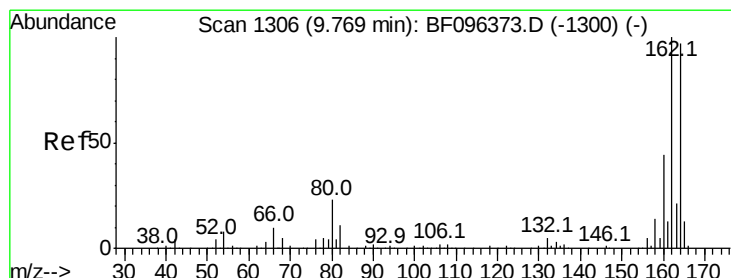
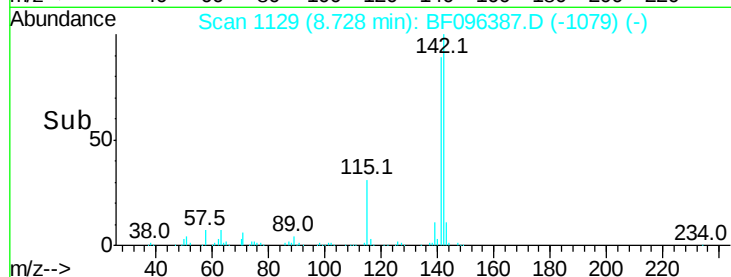
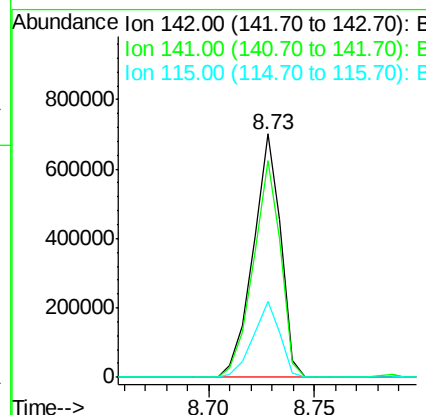
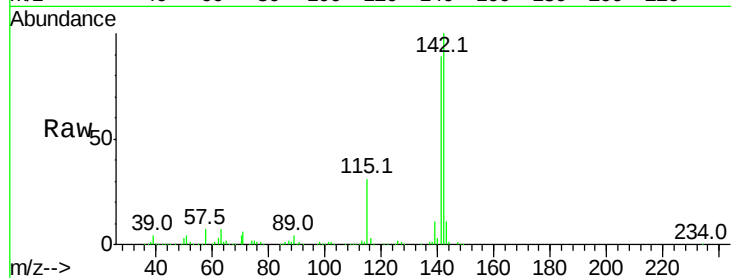
Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 634174

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	31.4	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 1306

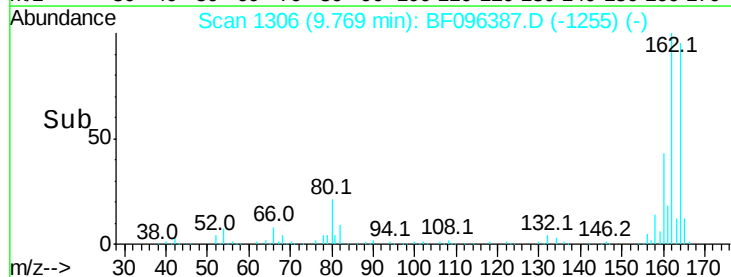
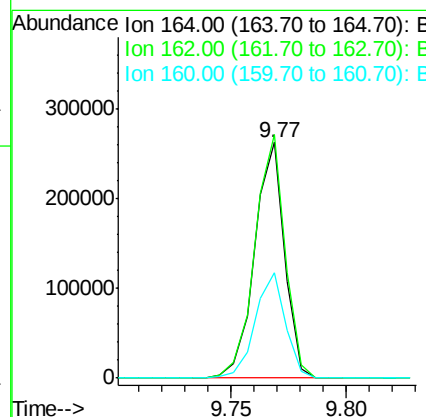
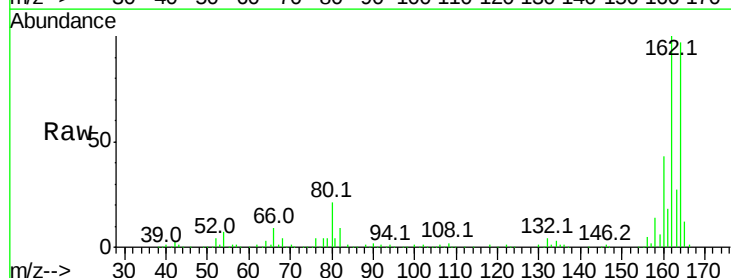
Delta R.T. 0.00 min

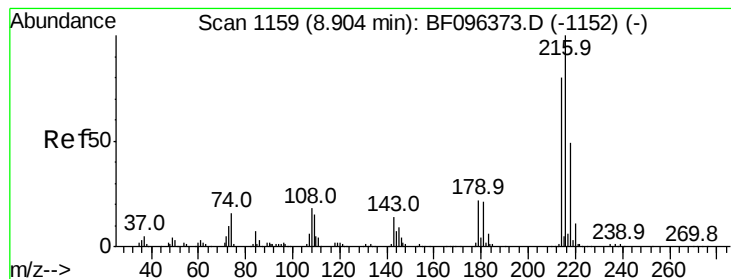
Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Tgt Ion:164 Resp: 237022

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	44.6	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.55 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 212644

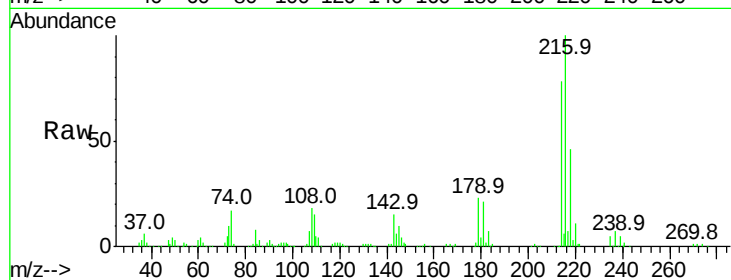
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 22.8 17.9 26.9

108 22.6 16.5 24.7

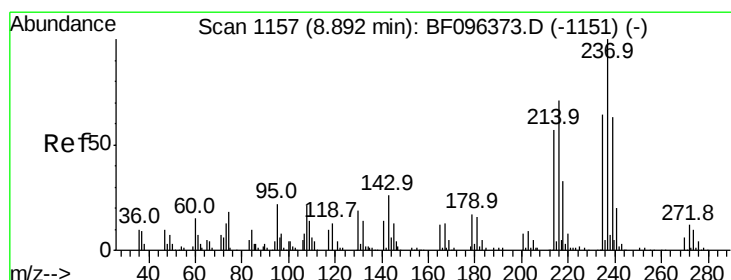
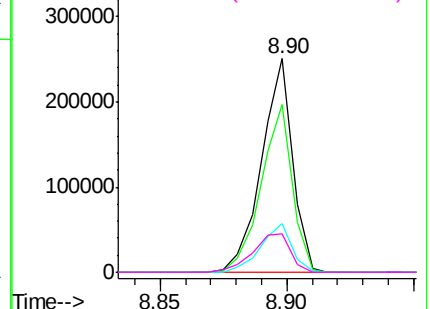
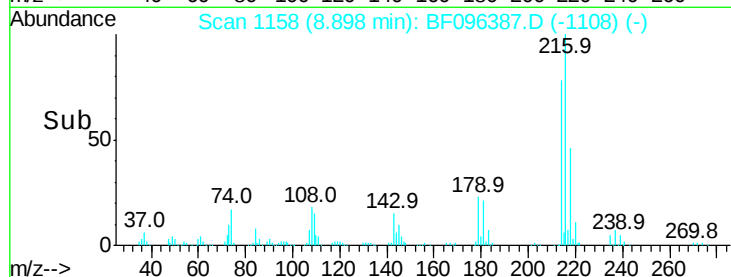


Abundance Ion 216.00 (215.70 to 216.70): E

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: 55.72 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

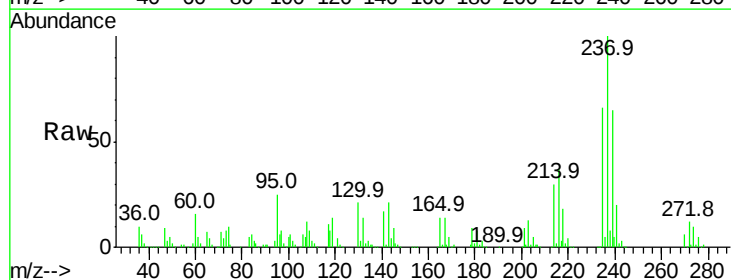
Tgt Ion:237 Resp: 166735

Ion Ratio Lower Upper

237 100

235 65.7 42.6 82.6

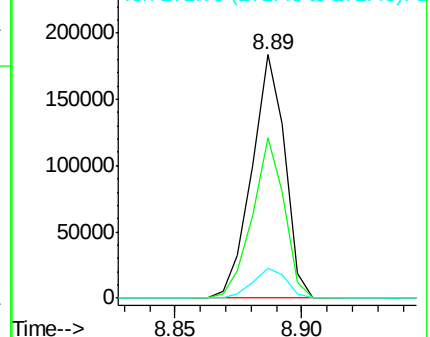
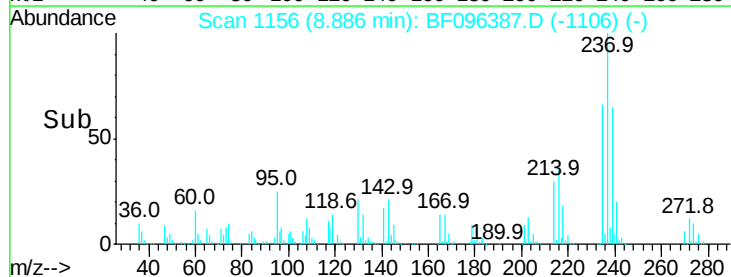
272 12.1 0.0 31.9

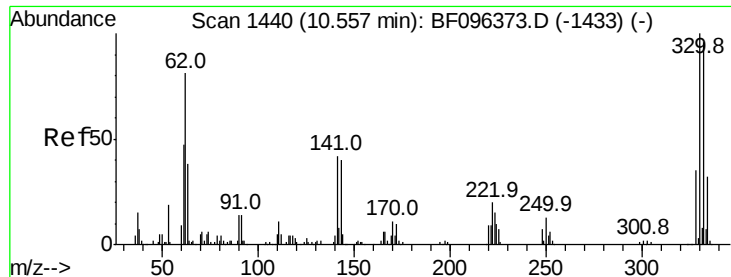


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

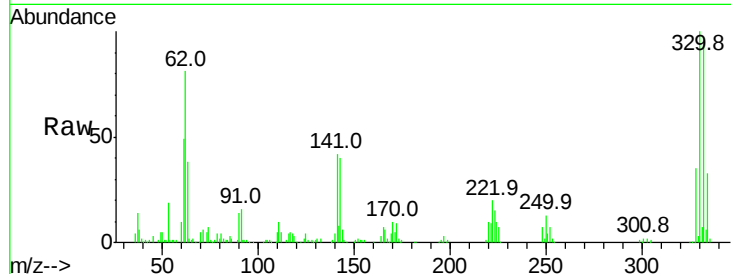




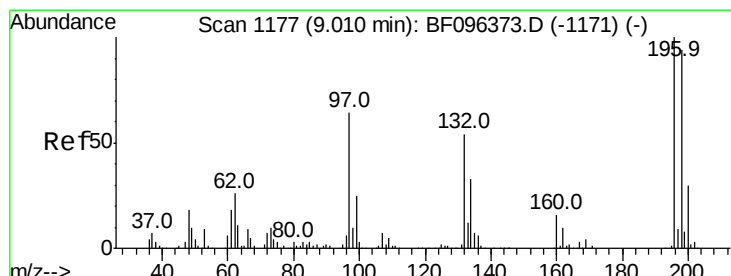
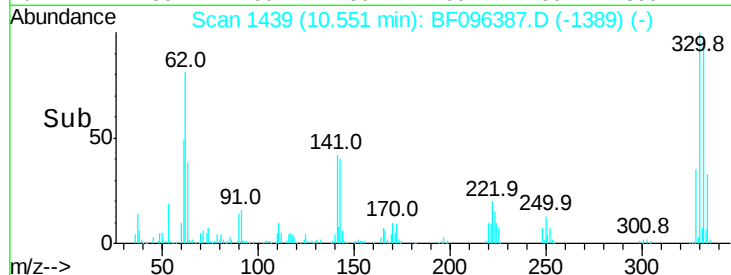
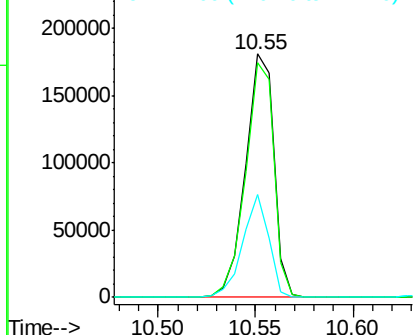
#41
 2,4,6-Tribromophenol
 Concen: 99.20 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 183657
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 38.6 31.4 47.2

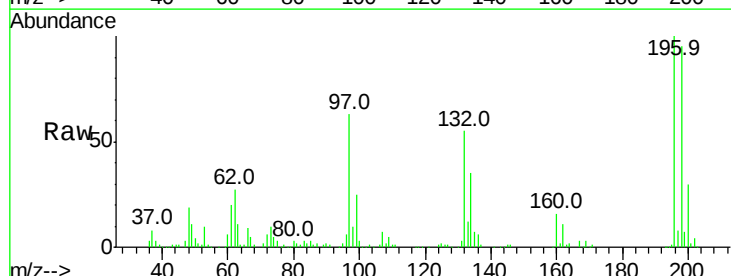


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

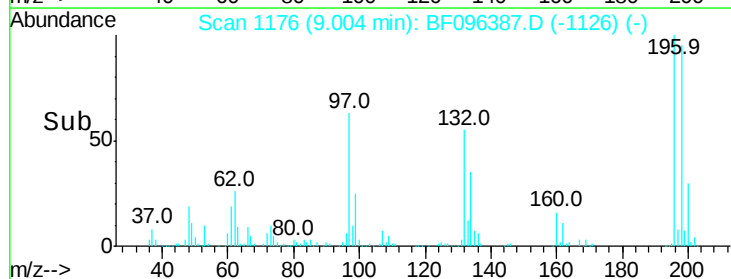
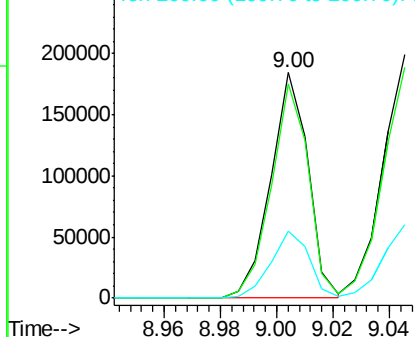


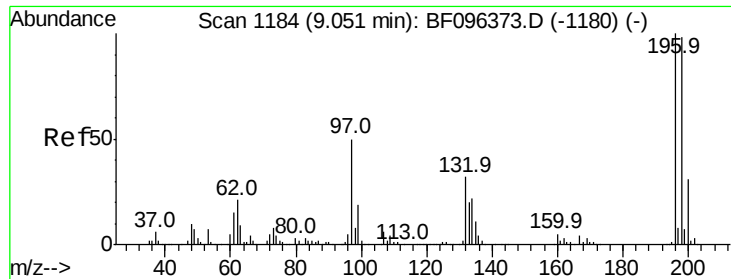
#42
 2,4,6-Trichlorophenol
 Concen: 34.79 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Tgt Ion:196 Resp: 169374
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.2 111.4
 200 30.0 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

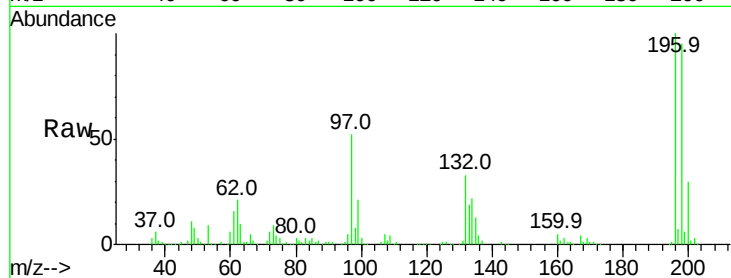




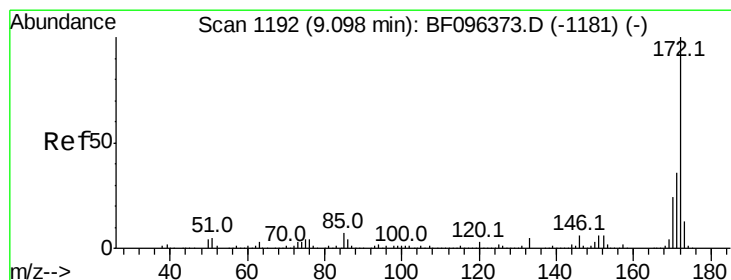
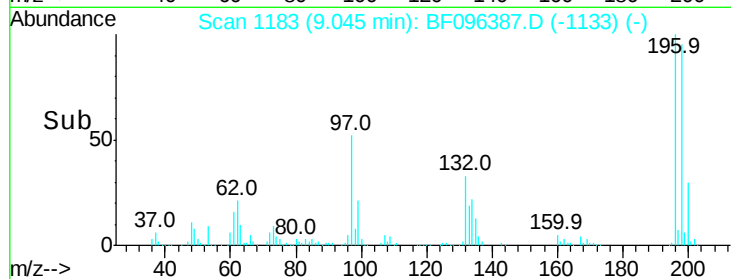
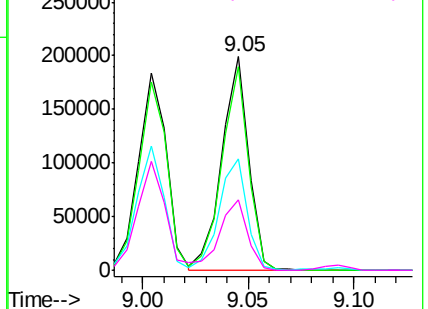
#43
 2,4,5-Trichlorophenol
 Concen: 36.21 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 174324
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 97 52.1 47.7 71.5
 132 33.2 28.0 42.0

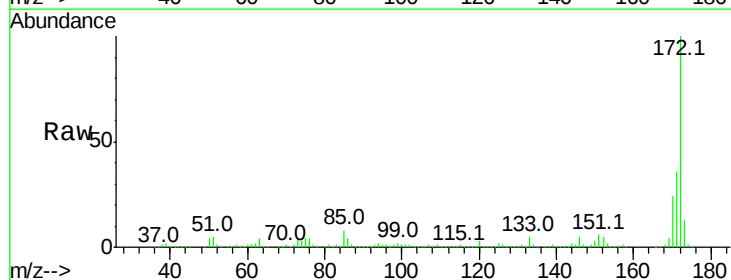


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

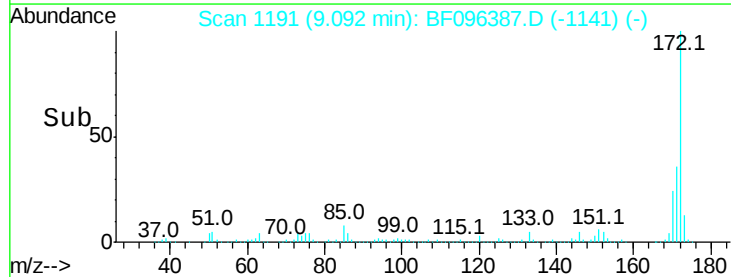
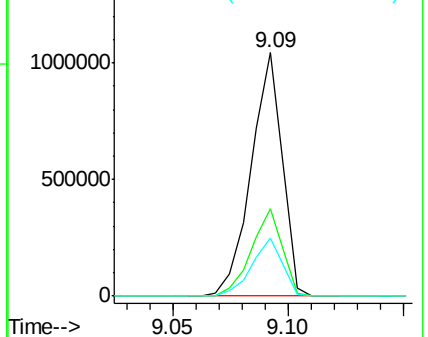


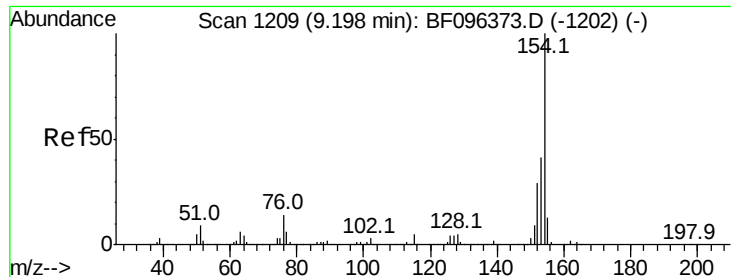
#44
 2-Fluorobiphenyl
 Concen: 71.03 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Tgt Ion:172 Resp: 984689
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.8 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

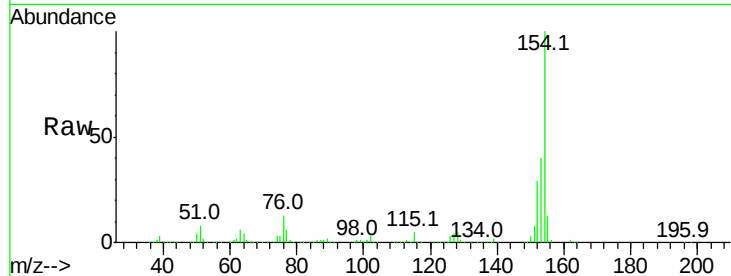




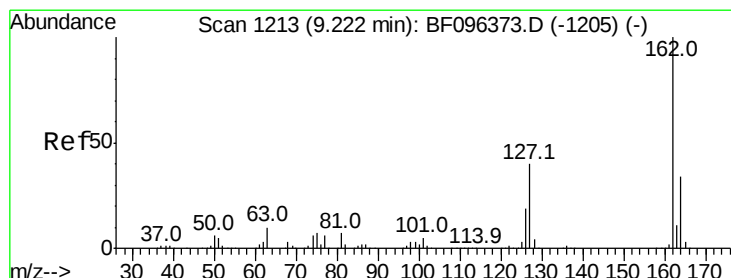
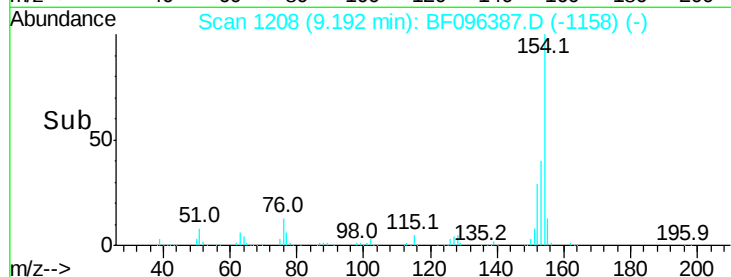
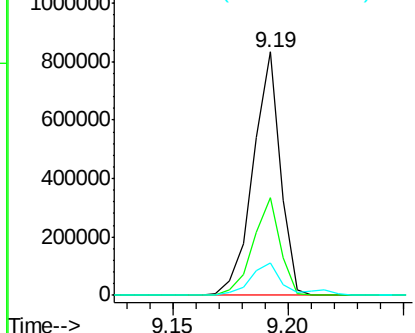
#45
1,1'-Biphenyl
Concen: 33.92 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 688891
Ion Ratio Lower Upper
154 100
153 40.3 21.2 61.2
76 13.3 0.0 29.9

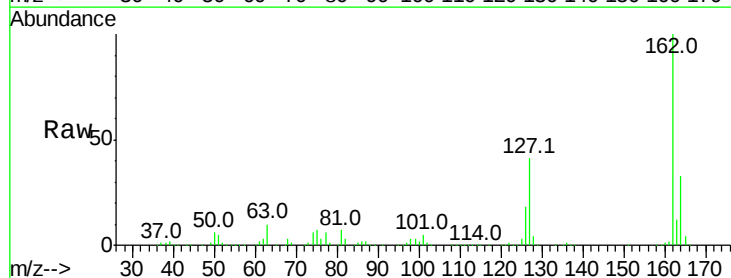


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO

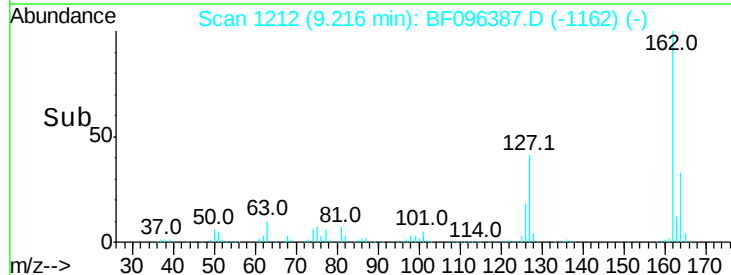
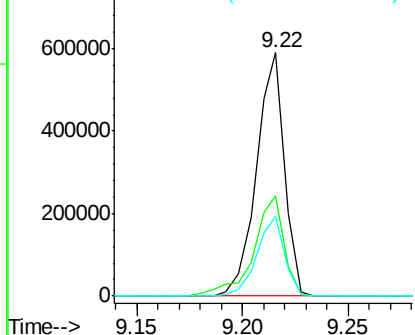


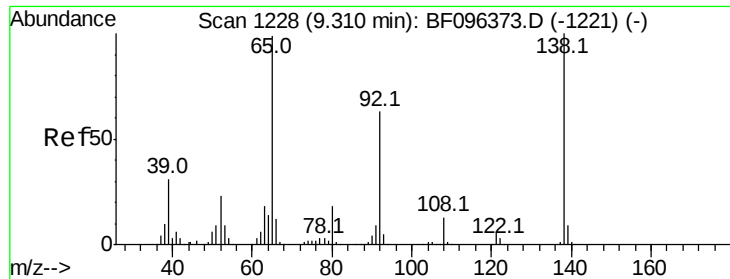
#46
2-Chloronaphthalene
Concen: 35.71 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion:162 Resp: 540519
Ion Ratio Lower Upper
162 100
127 41.0 28.3 42.5
164 32.8 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

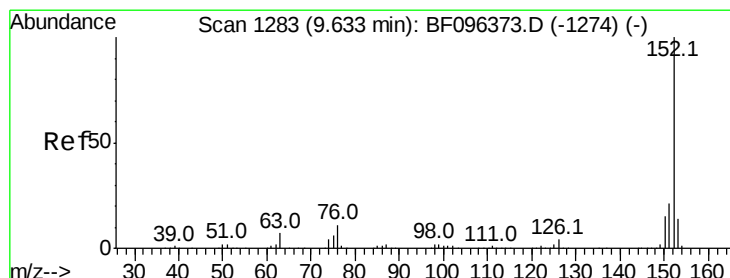
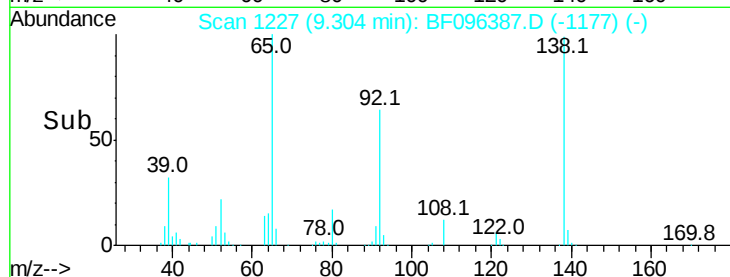
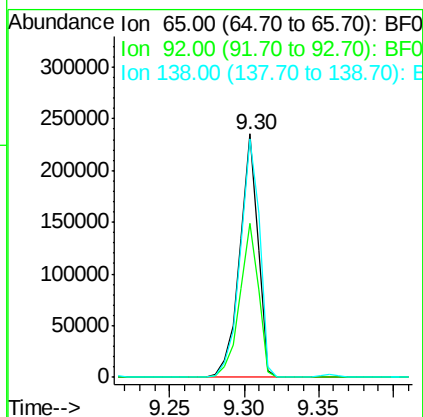
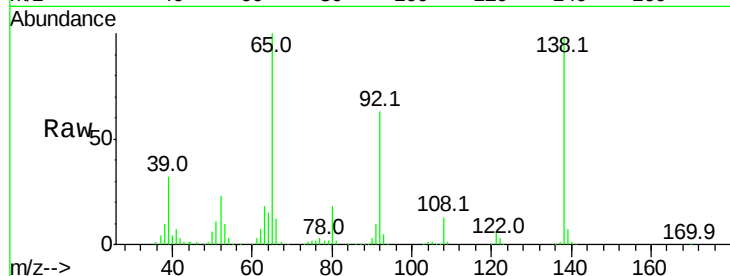




#47
2-Nitroaniline
Concen: 36.62 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

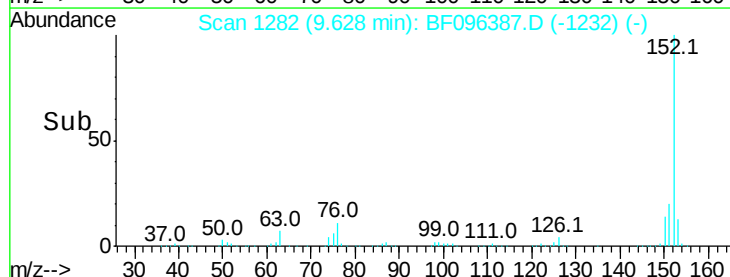
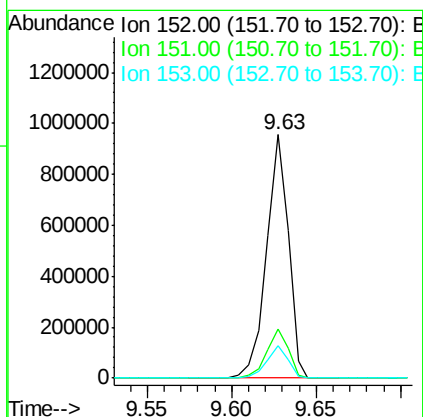
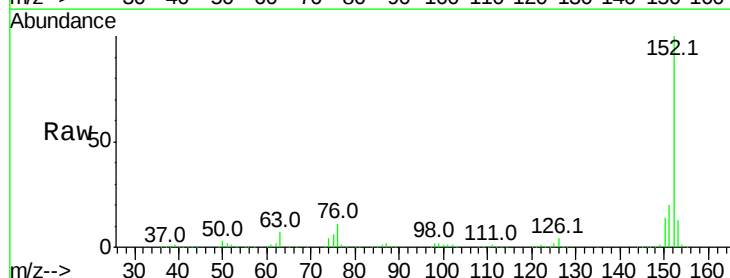
Instrument :
BNA_F
ClientSampleId :

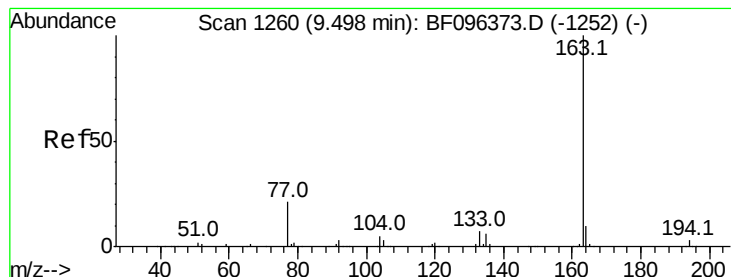
Tot Ion: 65 Resp: 201652
Ion Ratio Lower Upper
65 100
92 63.1 53.9 80.9
138 98.2 78.8 118.2



#48
Acenaphthylene
Concen: 35.61 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion: 152 Resp: 854038
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 47.18 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :

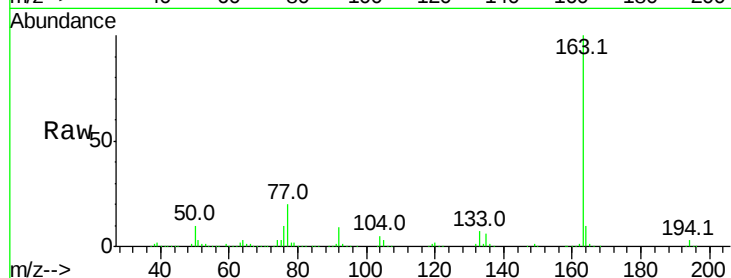
Tot Ion:163 Resp: 834874

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

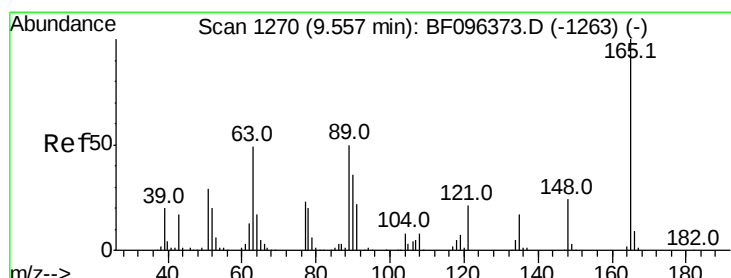
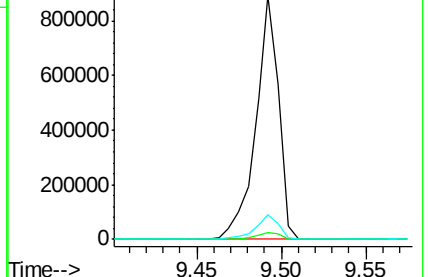
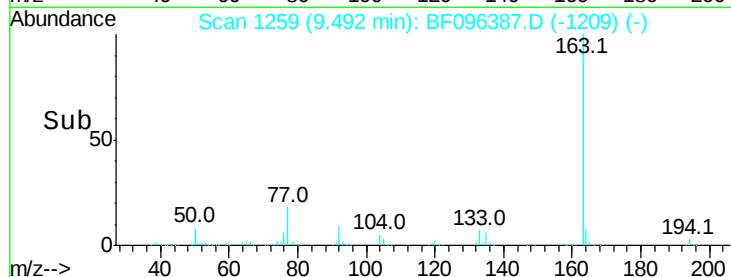
164 10.3 8.4 12.6



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: 35.43 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

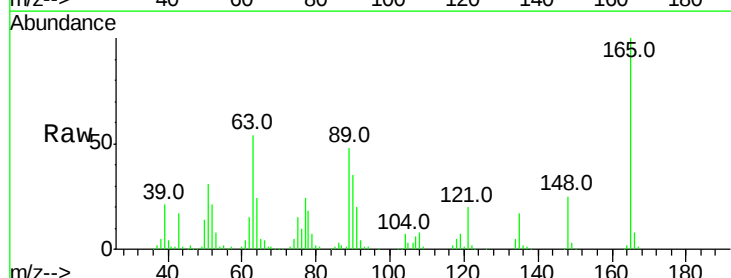
Tgt Ion:165 Resp: 138647

Ion Ratio Lower Upper

165 100

63 53.5 34.3 51.5#

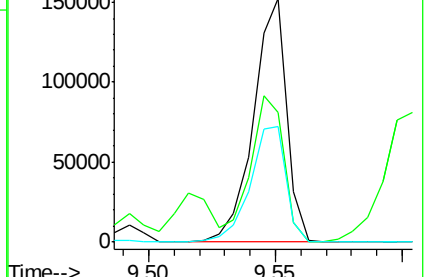
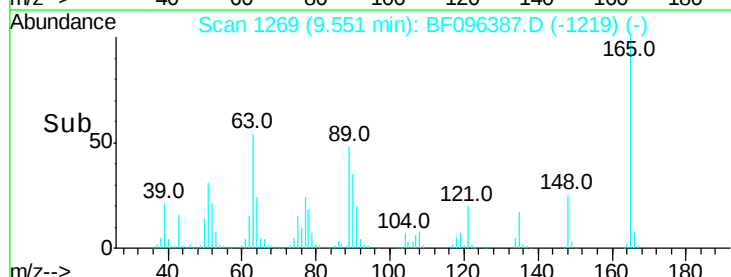
89 47.7 37.1 55.7

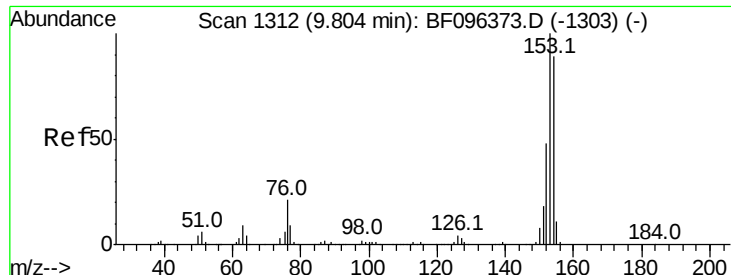


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.89 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :

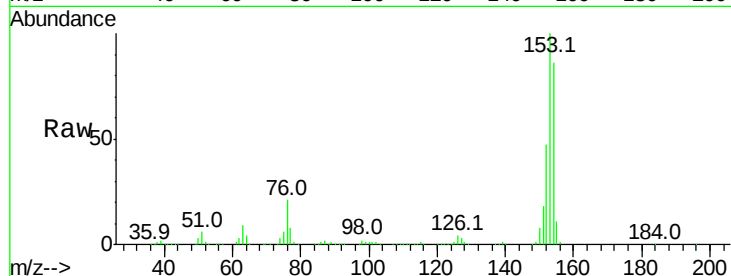
Tot Ion:154 Resp: 501037

Ion Ratio Lower Upper

154 100

153 116.4 90.5 135.7

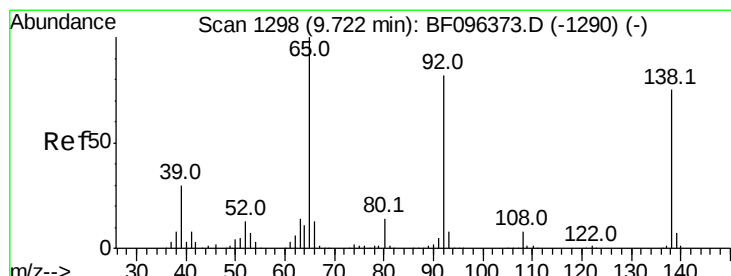
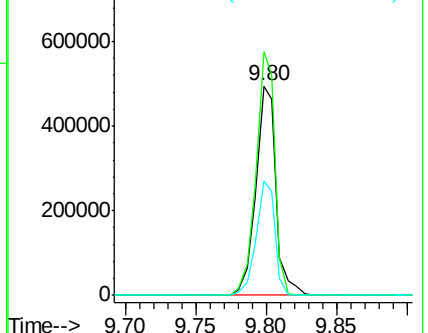
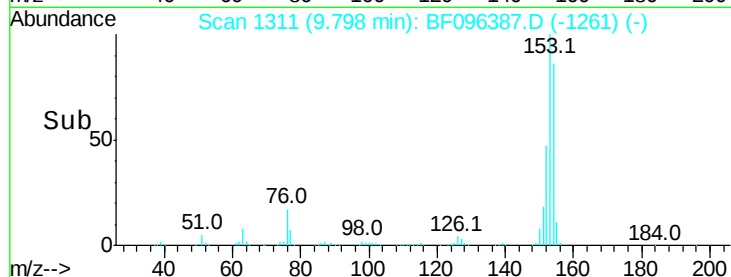
152 54.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.50 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

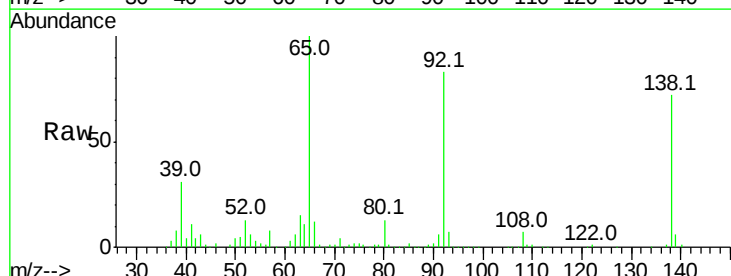
Tgt Ion:138 Resp: 139093

Ion Ratio Lower Upper

138 100

108 9.6 9.1 13.7

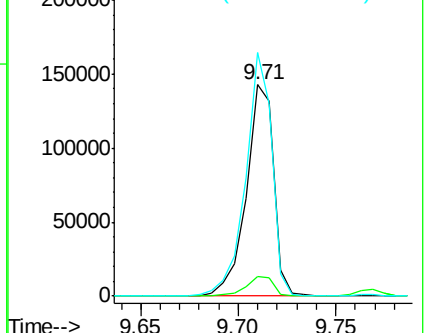
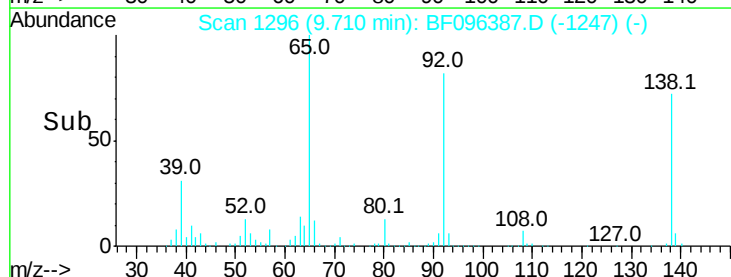
92 115.4 93.8 140.6

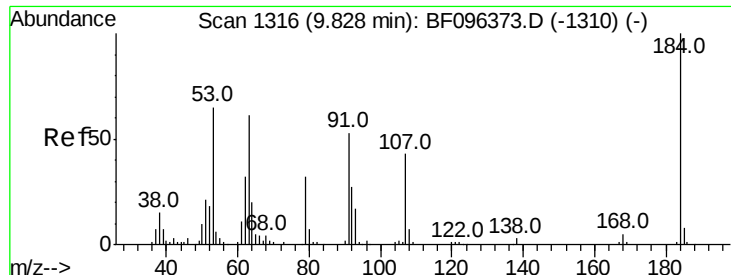


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

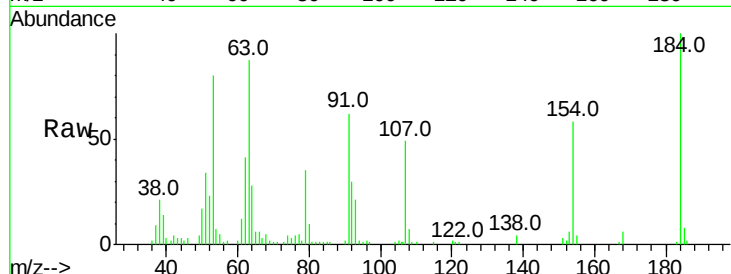




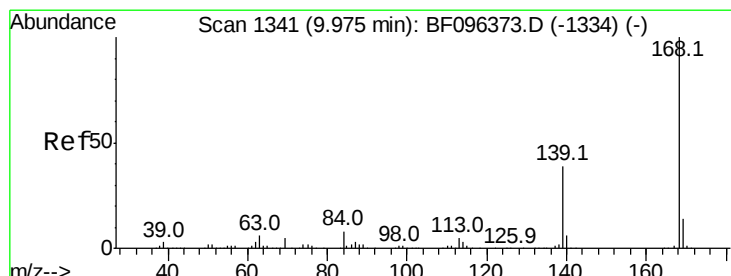
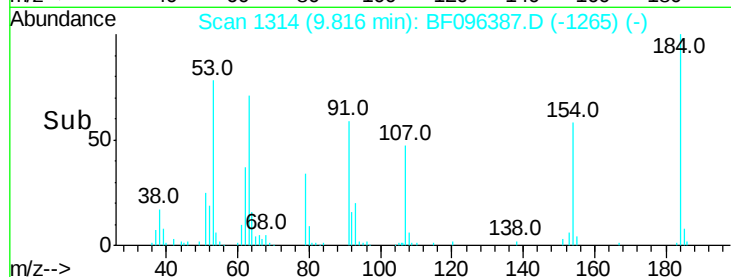
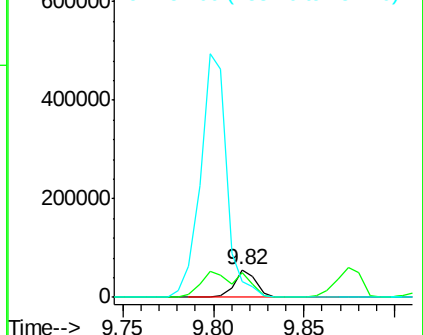
#53
2,4-Dinitrophenol
Concen: 22.78 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 47345
Ion Ratio Lower Upper
184 100
63 87.3 62.7 94.1
154 58.5 81.1 121.7#

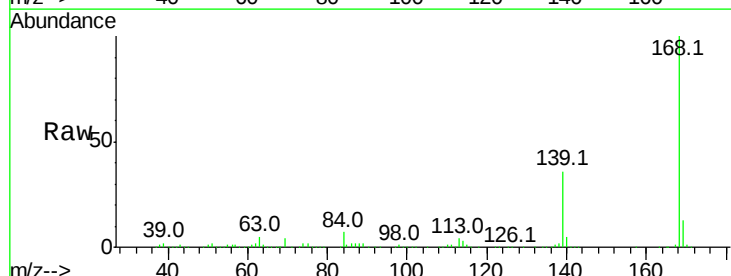


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

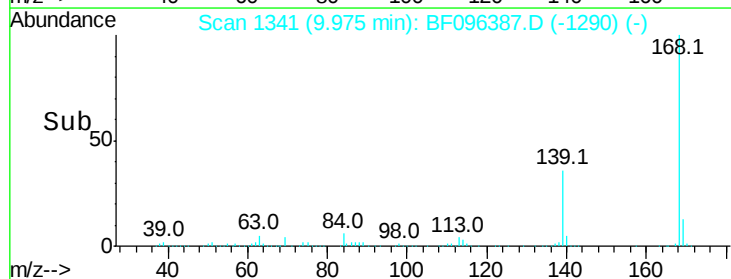
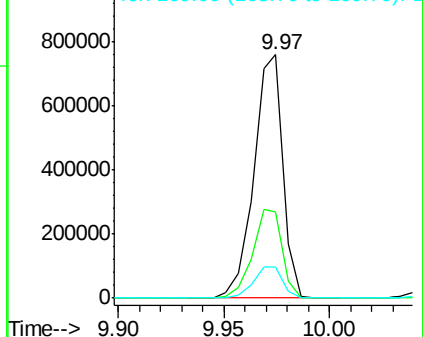


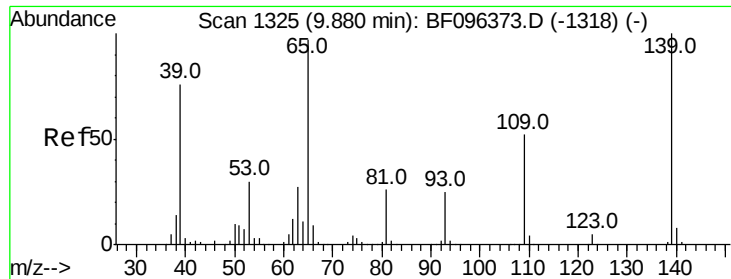
#54
Dibenzofuran
Concen: 37.00 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion:168 Resp: 722155
Ion Ratio Lower Upper
168 100
139 35.7 30.6 45.8
169 12.7 10.8 16.2



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

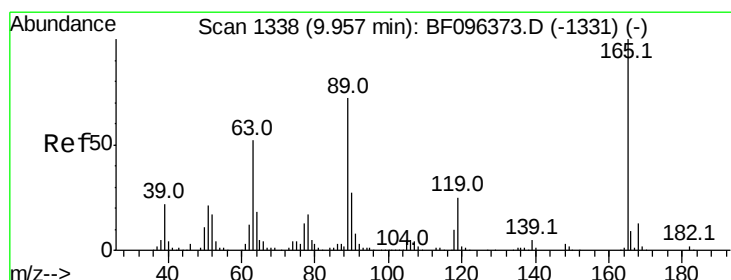
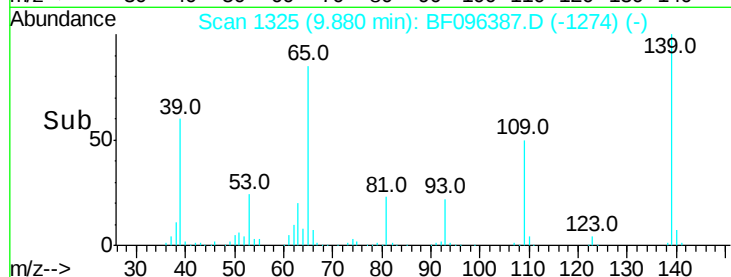
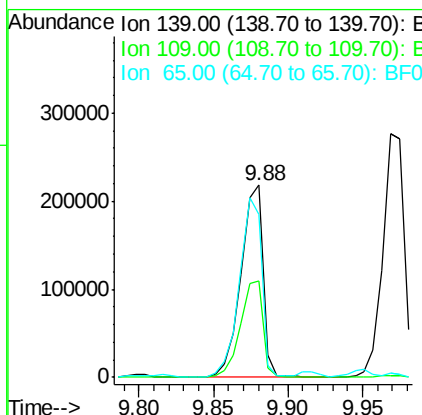
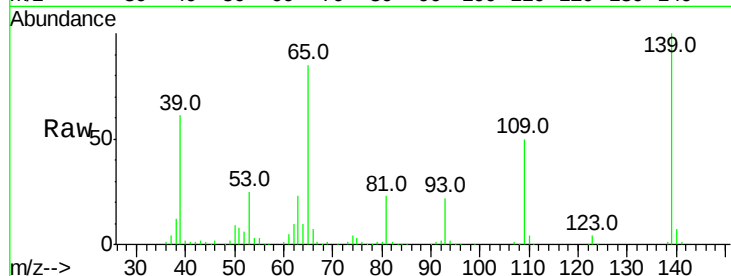




#55
4-Nitrophenol
Concen: 55.76 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

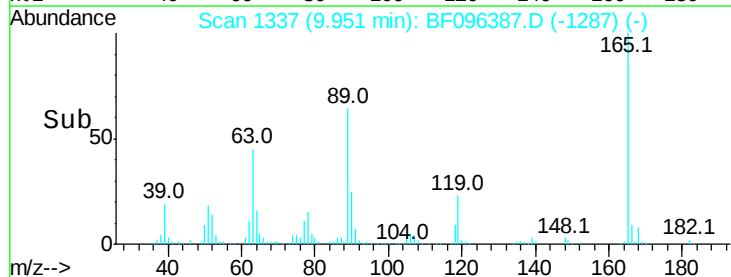
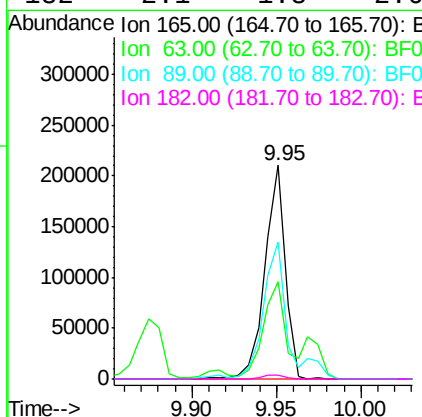
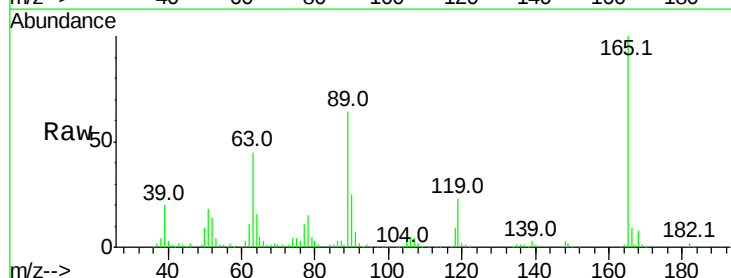
Instrument :
BNA_F
ClientSampleId :

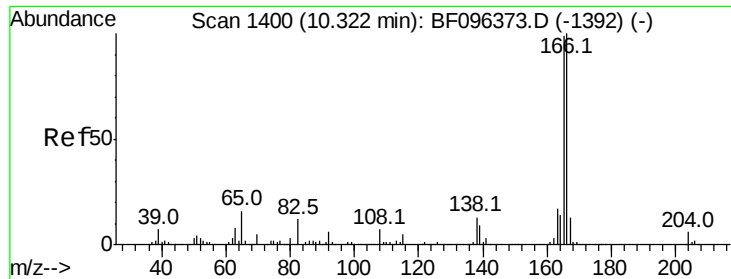
Tot Ion:139 Resp: 225557
Ion Ratio Lower Upper
139 100
109 50.0 34.1 74.1
65 85.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 35.35 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion:165 Resp: 175161
Ion Ratio Lower Upper
165 100
63 45.3 25.4 38.0#
89 64.2 46.4 69.6
182 2.1 1.8 2.6





#57

Fluorene

Concen: 36.01 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :

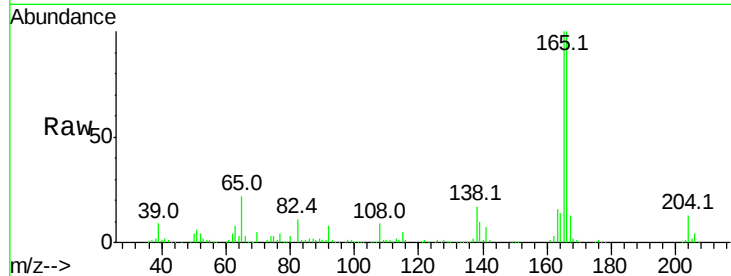
Tot Ion:166 Resp: 496367

Ion Ratio Lower Upper

166 100

165 100.0 78.8 118.2

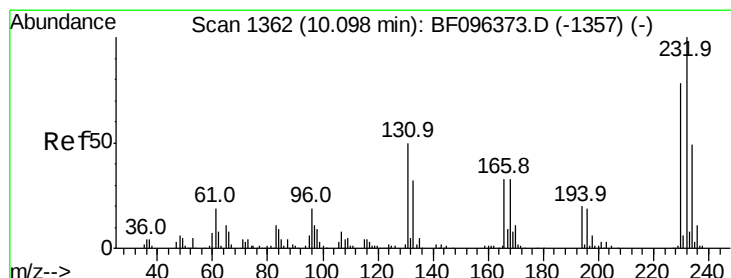
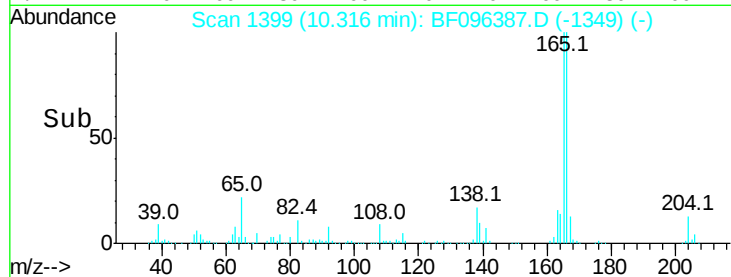
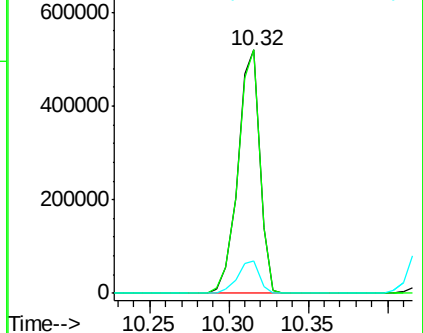
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.28 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Tgt Ion:232 Resp: 124145

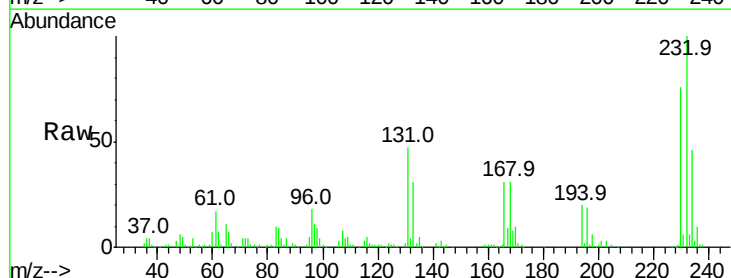
Ion Ratio Lower Upper

232 100

131 53.4 44.8 67.2

130 2.3 2.3 3.5#

166 34.5 29.0 43.4

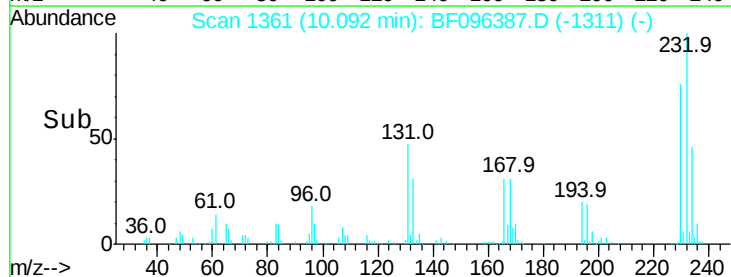
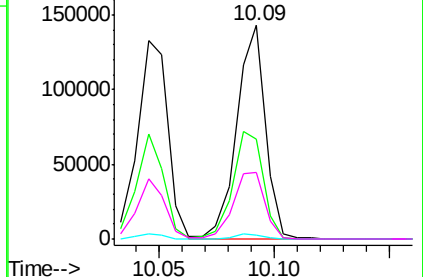


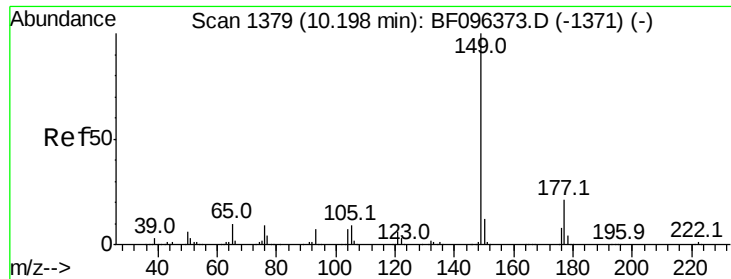
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

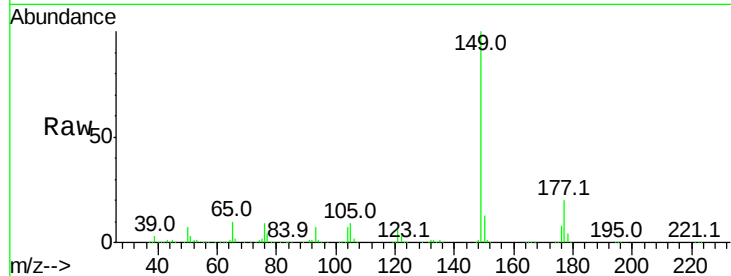




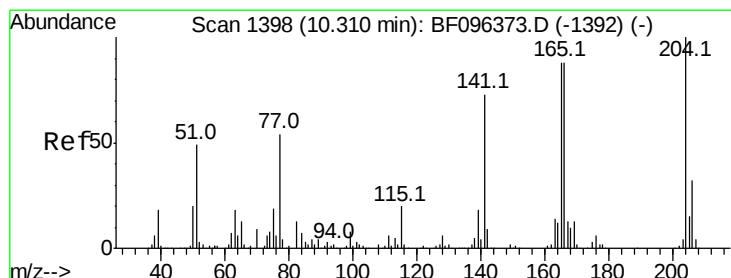
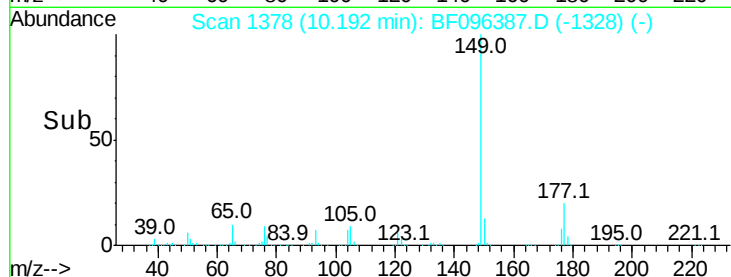
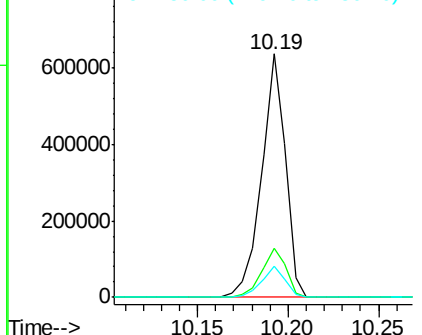
#59
Diethylphthalate
Concen: 34.82 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 582330
Ion Ratio Lower Upper
149 100
177 20.2 16.7 25.1
150 12.6 10.2 15.2

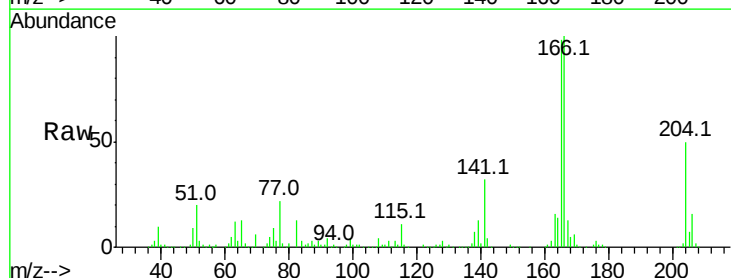


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

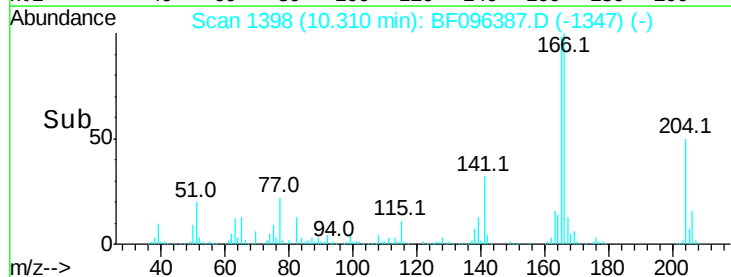
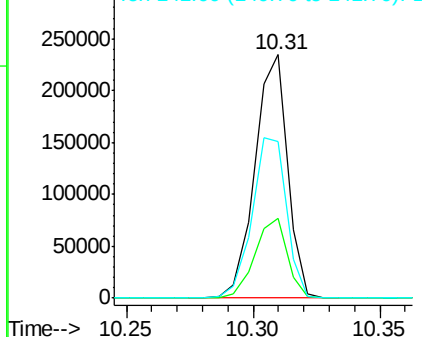


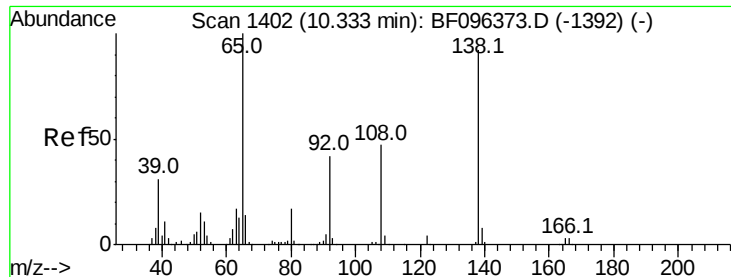
#60
4-Chlorophenyl-phenylether
Concen: 35.24 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion:204 Resp: 211314
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 64.5 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: 28.47 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :

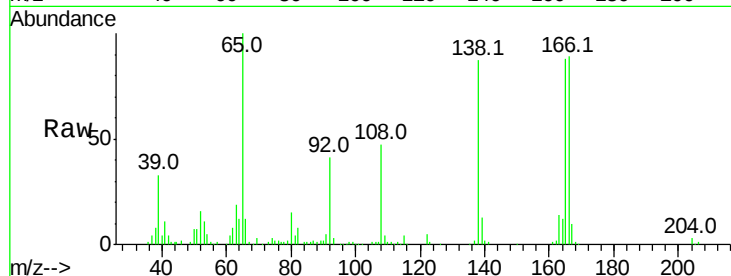
Tot Ion:138 Resp: 126330

Ion Ratio Lower Upper

138 100

92 47.3 21.8 61.8

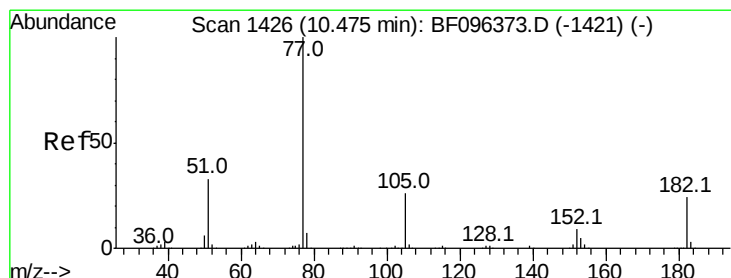
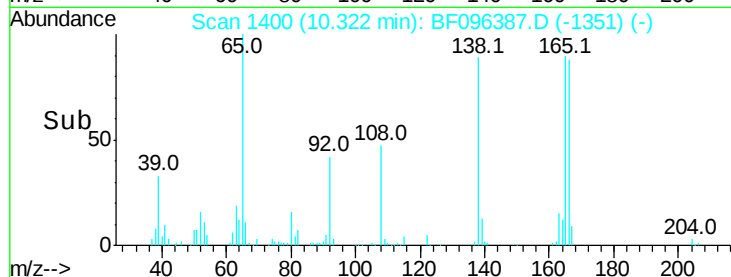
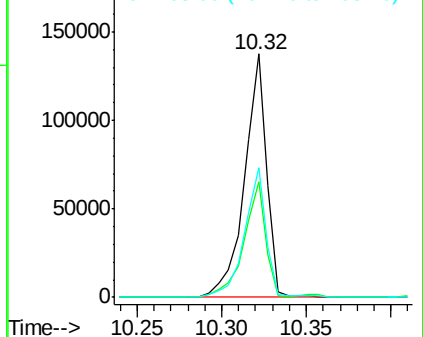
108 53.5 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.65 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Tgt Ion: 77 Resp: 576499

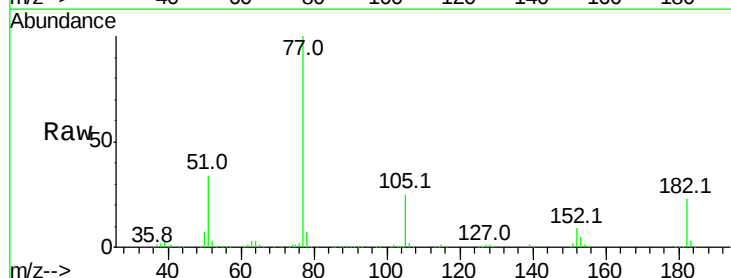
Ion Ratio Lower Upper

77 100

182 23.0 0.1 40.1

105 25.2 3.6 43.6

51 34.0 9.4 49.4

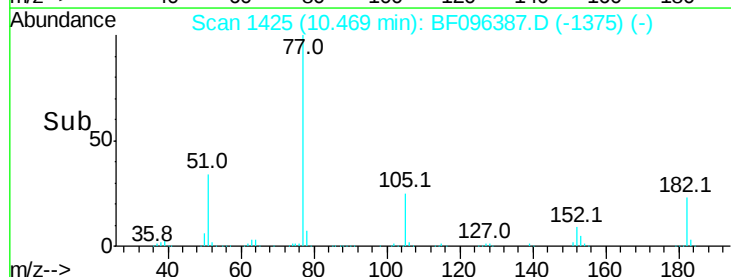
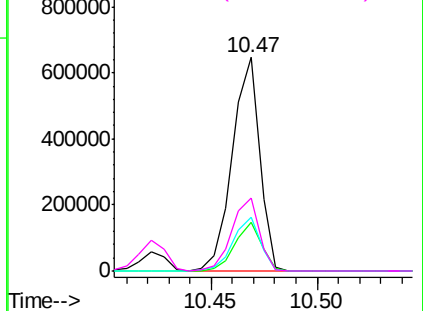


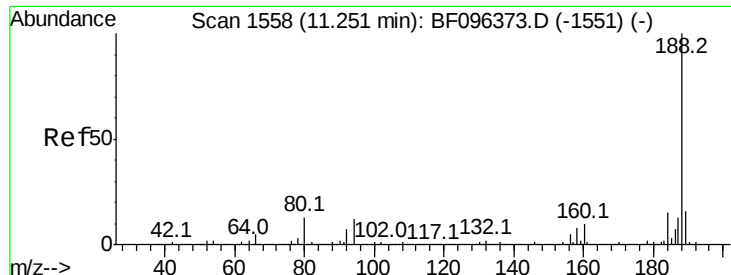
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

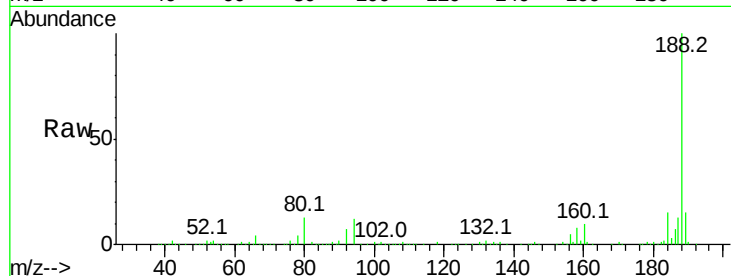




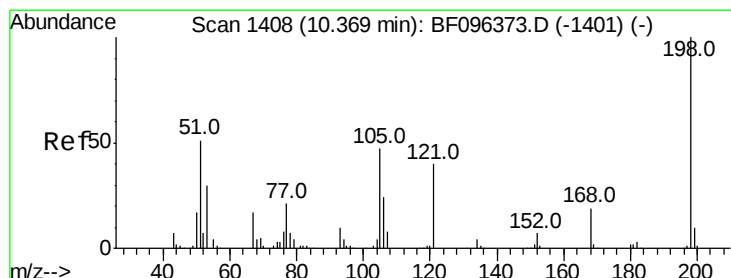
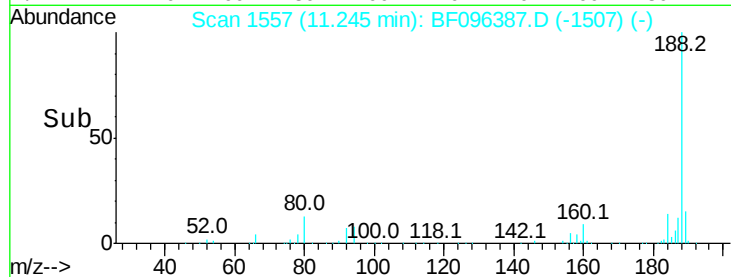
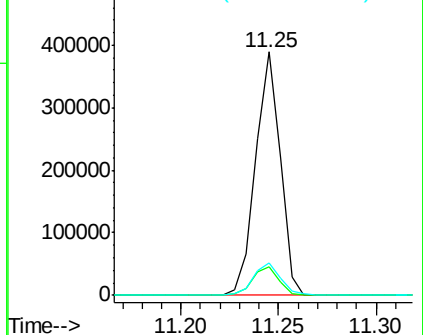
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 342492
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 13.3 10.2 15.2

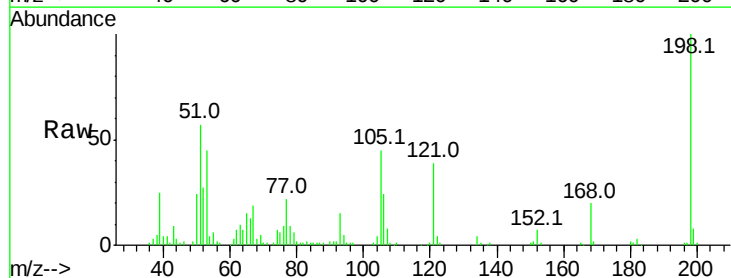


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

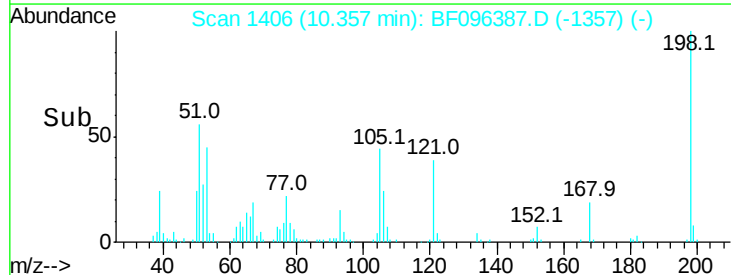
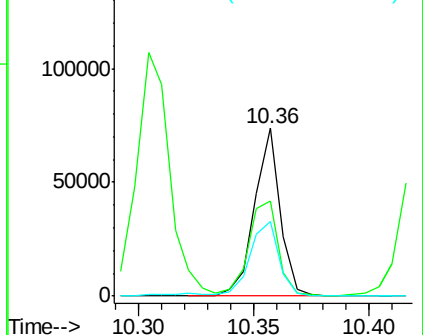


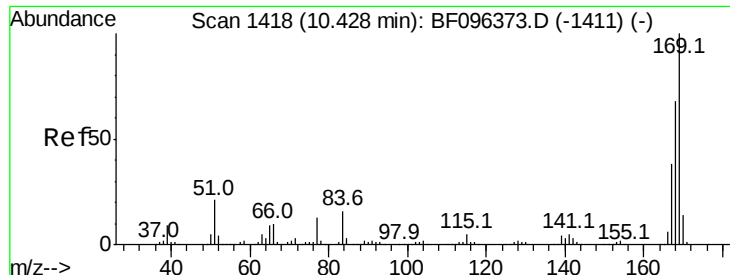
#64
4,6-Dinitro-2-methylphenol
Concen: 24.45 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion:198 Resp: 57751
Ion Ratio Lower Upper
198 100
51 57.0 53.2 93.2
105 44.7 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

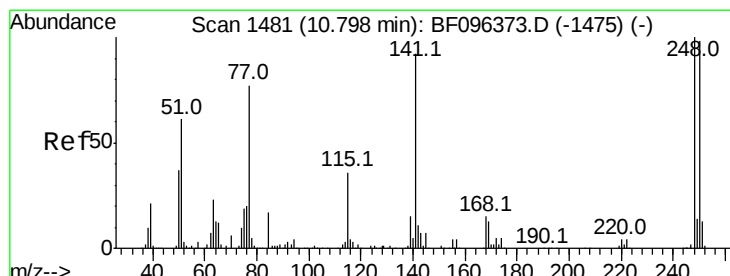
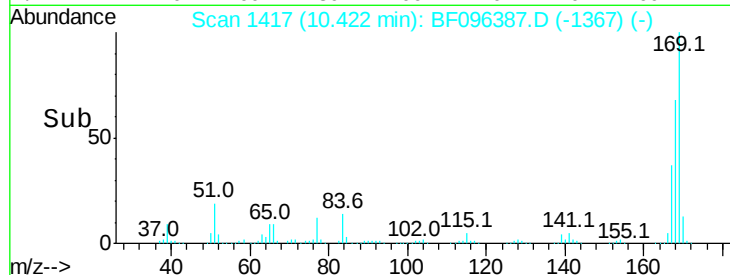
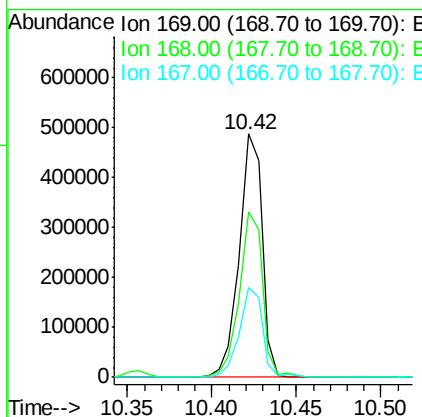
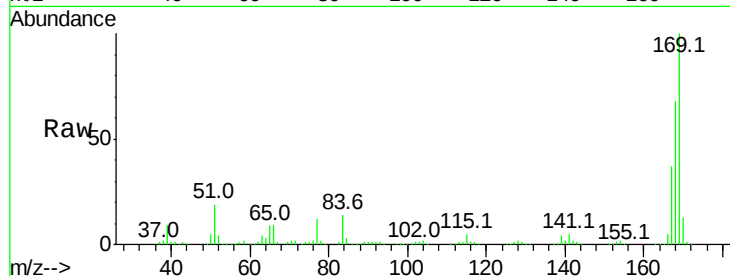




#65
 n-Nitrosodiphenylamine
 Concen: 38.50 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

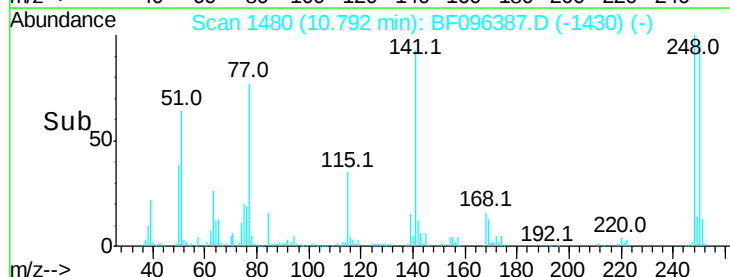
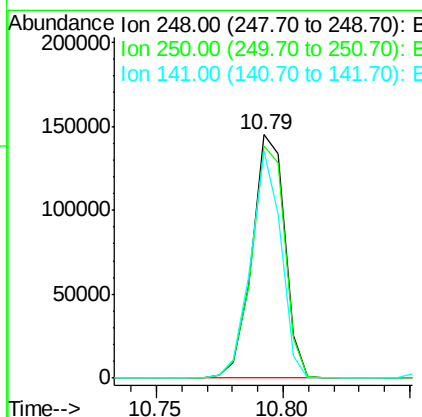
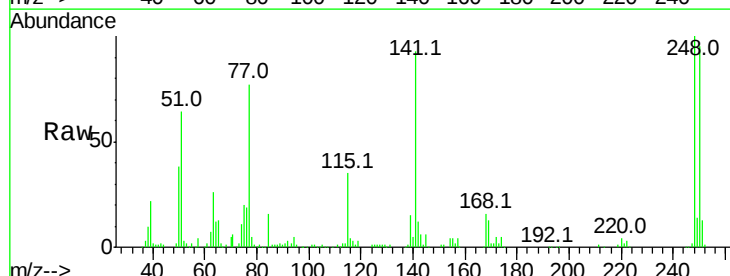
Instrument :
 BNA_F
 ClientSampleId :

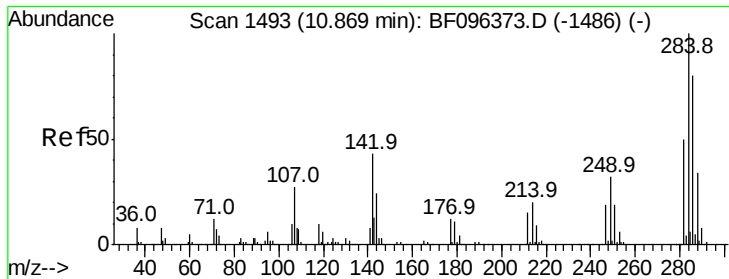
Tot Ion:169 Resp: 462635
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.2 79.8
 167 36.7 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 39.34 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Tgt Ion:248 Resp: 131172
 Ion Ratio Lower Upper
 248 100
 250 95.3 76.8 115.2
 141 93.0 68.6 103.0

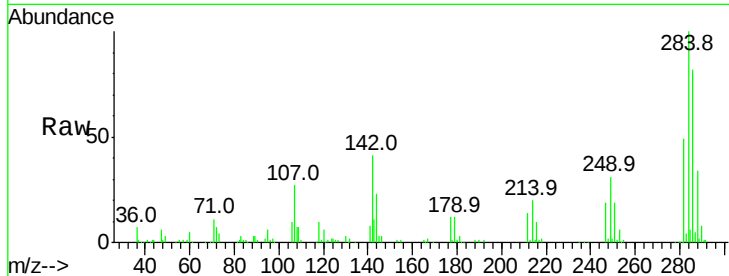




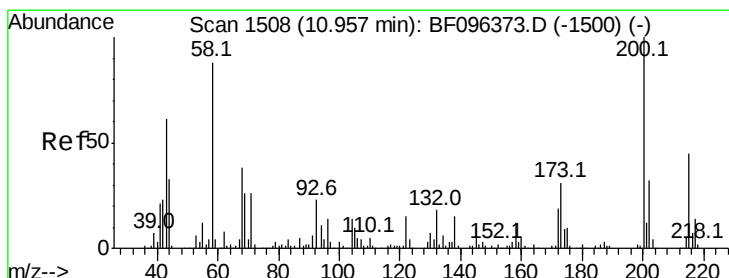
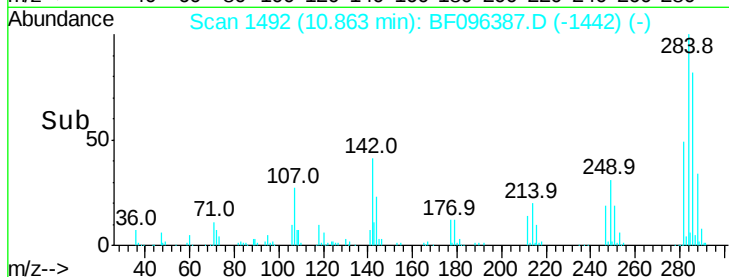
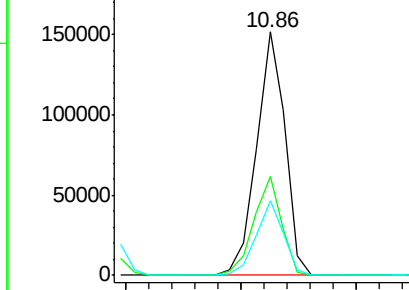
#67
Hexachlorobenzene
Concen: 35.73 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 130418
Ion Ratio Lower Upper
284 100
142 40.9 22.8 34.2#
249 30.5 24.0 36.0

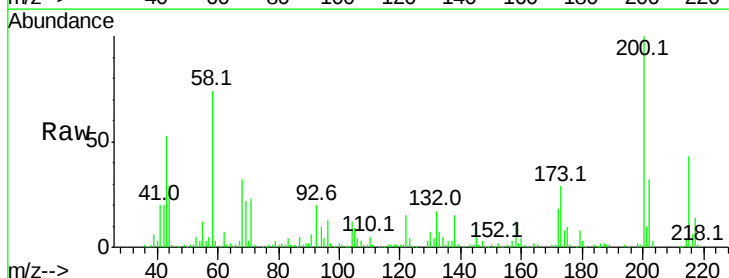


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

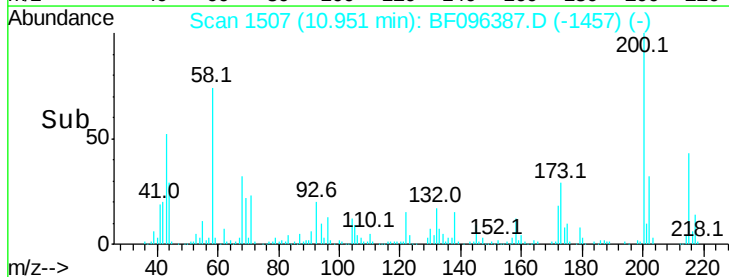
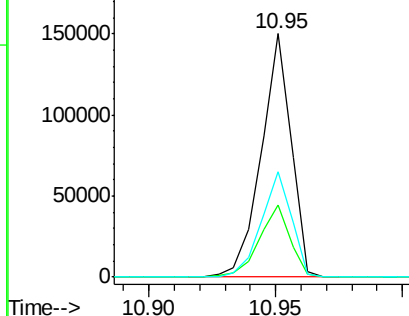


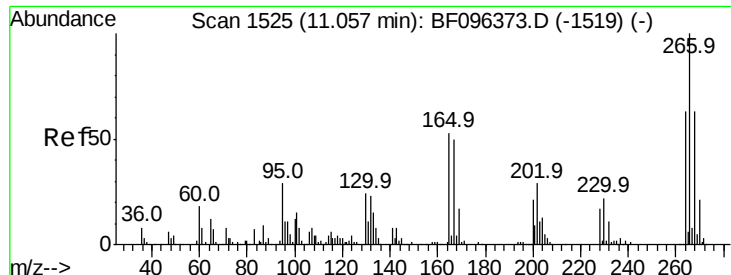
#68
Atrazine
Concen: 36.18 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion:200 Resp: 124199
Ion Ratio Lower Upper
200 100
173 29.4 6.3 46.3
215 43.4 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

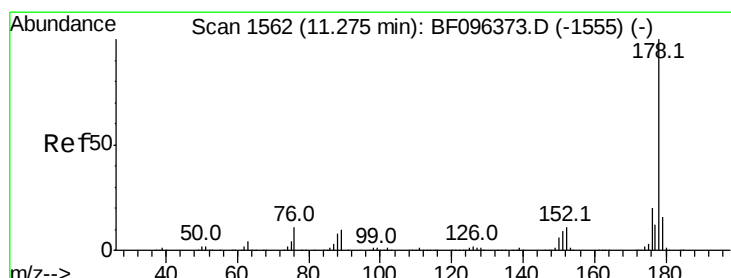
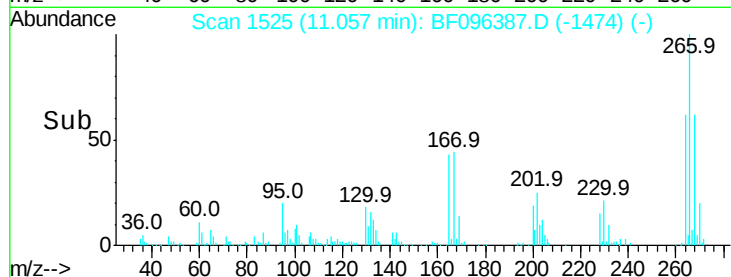
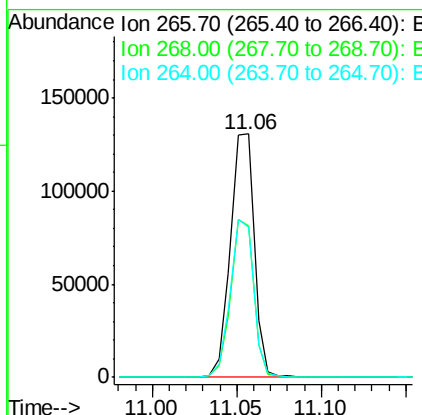
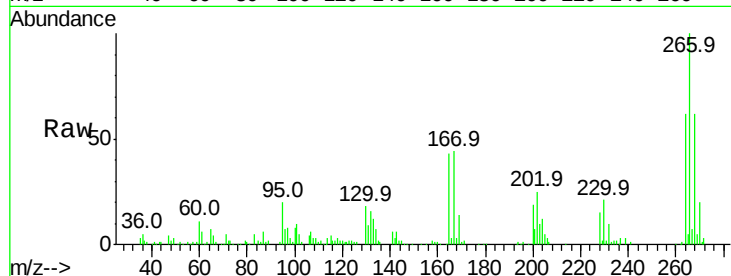




#69
 Pentachlorophenol
 Concen: 59.41 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

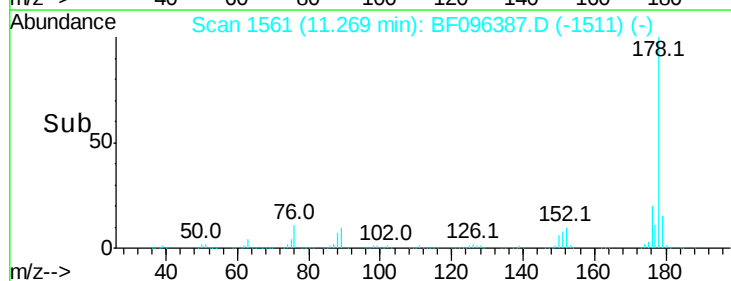
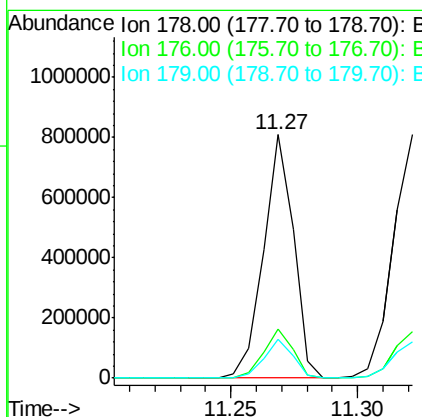
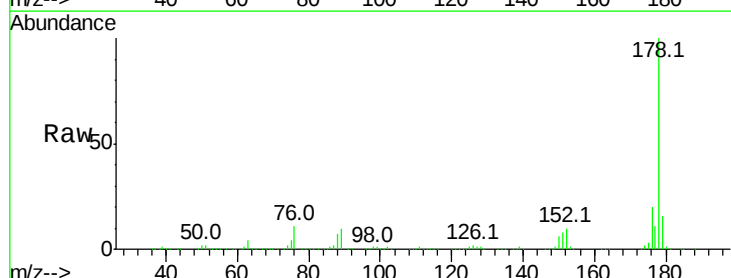
Instrument :
 BNA_F
 ClientSampleId :

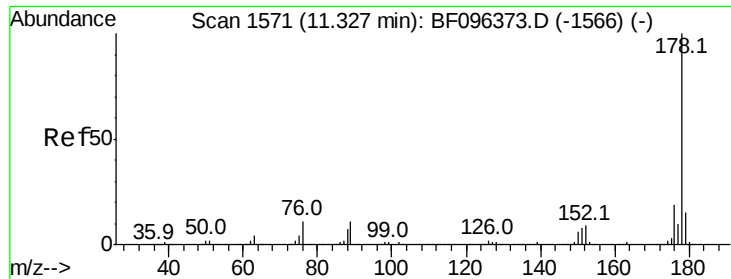
Tot Ion:266 Resp: 128505
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 61.8 51.7 77.5



#70
 Phenanthrene
 Concen: 36.42 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Tgt Ion:178 Resp: 674287
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.8 12.6 19.0

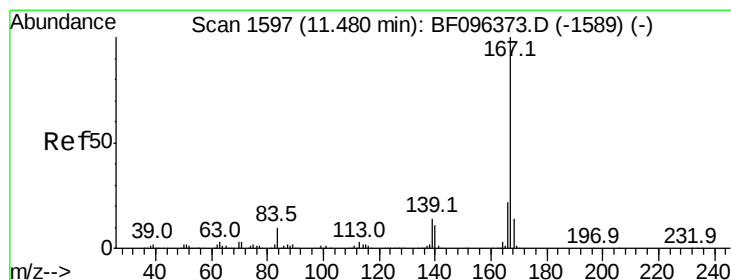
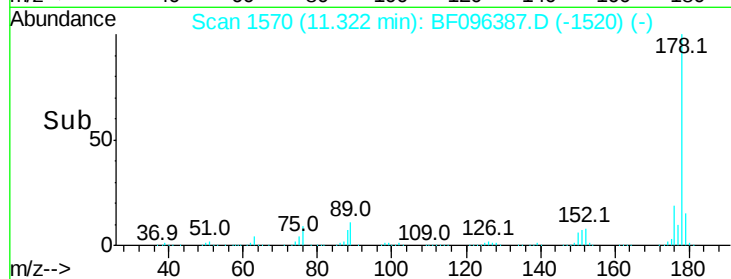
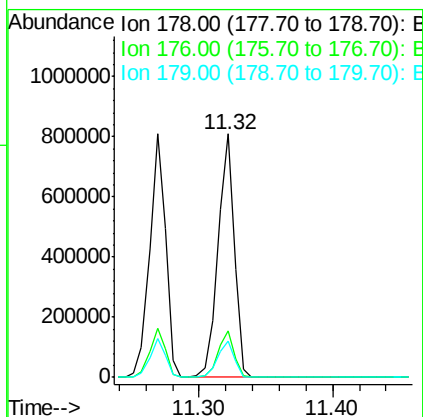
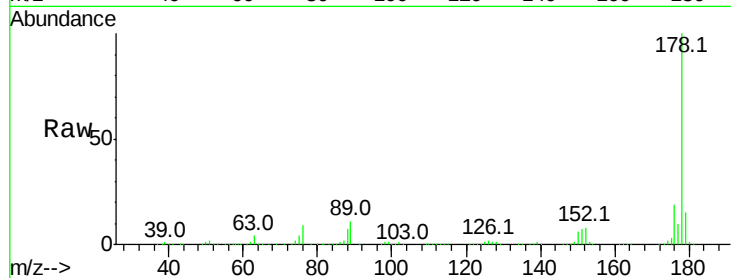




#71
 Anthracene
 Concen: 37.07 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

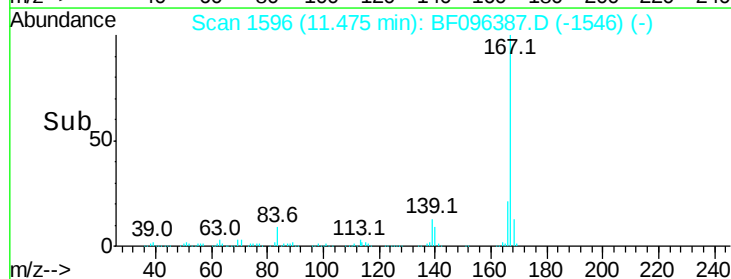
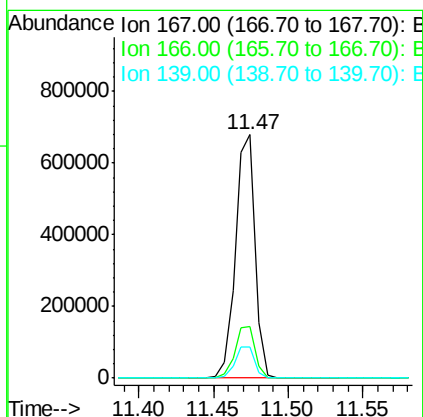
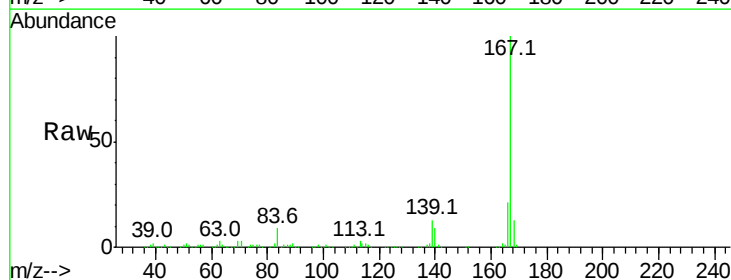
Instrument :
 BNA_F
 ClientSampleId :

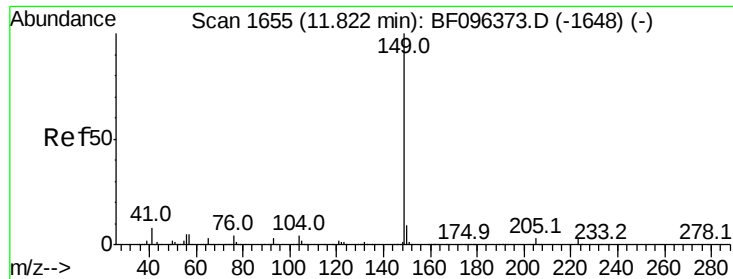
Tot Ion:178 Resp: 699343
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 32.94 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Tgt Ion:167 Resp: 625006
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.1 27.1
 139 12.6 11.7 17.5

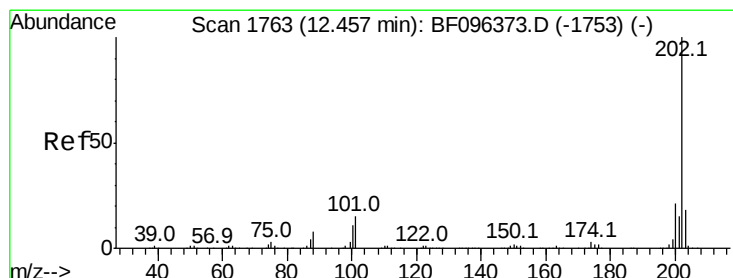
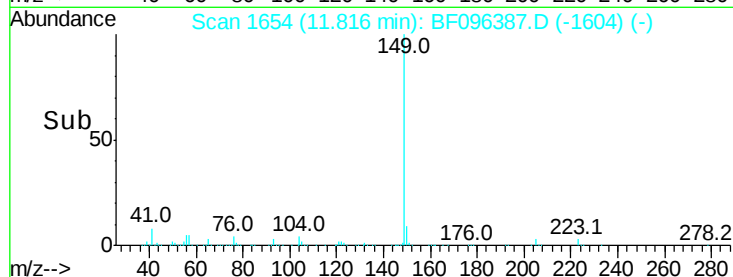
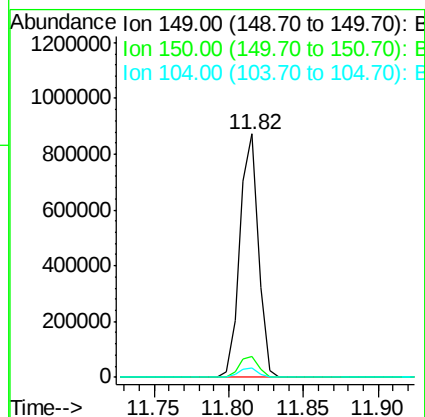
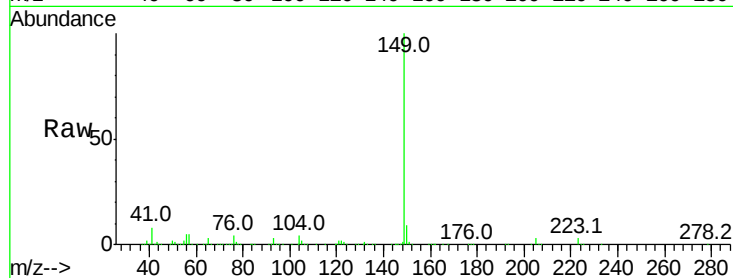




#73
Di-n-butylphthalate
Concen: 33.03 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

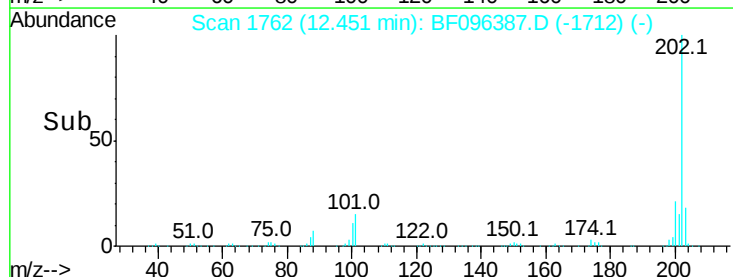
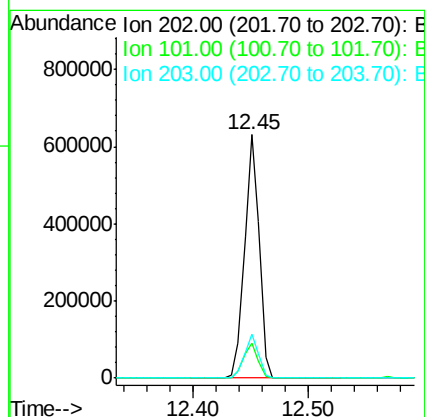
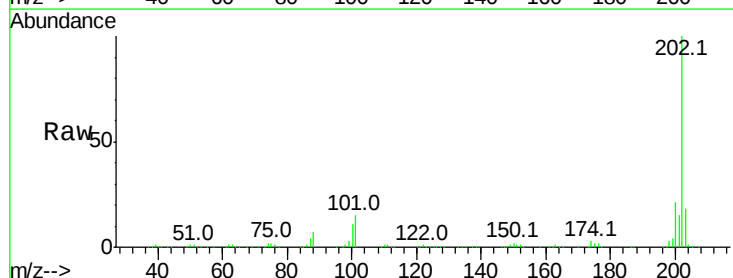
Instrument :
BNA_F
ClientSampleId :

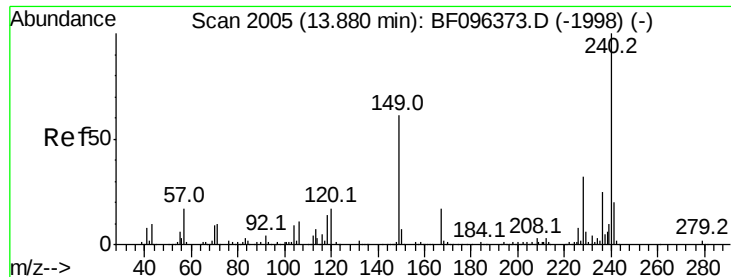
Tot Ion:149 Resp: 759096
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 4.0 4.0 6.0#



#74
Fluoranthene
Concen: 30.44 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion:202 Resp: 552610
Ion Ratio Lower Upper
202 100
101 14.5 0.0 33.2
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :

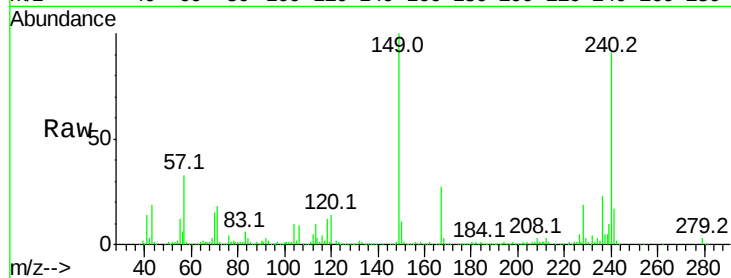
Tot Ion:240 Resp: 226641

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

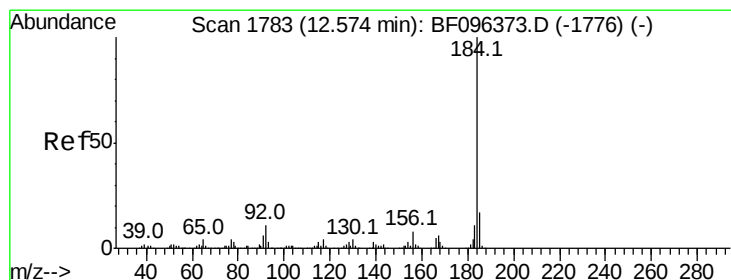
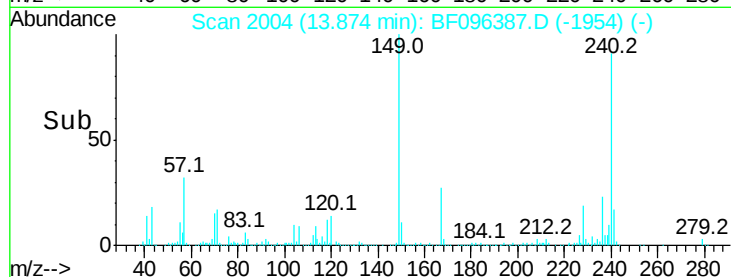
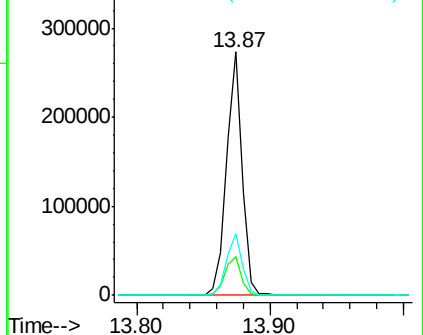
236 25.6 20.5 30.7



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: 28.95 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

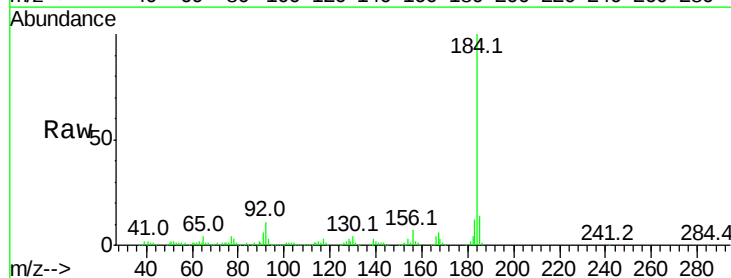
Tgt Ion:184 Resp: 314871

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

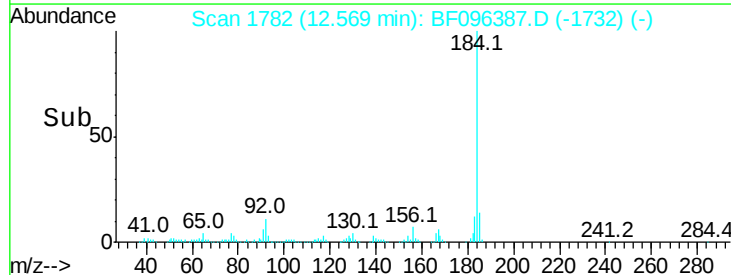
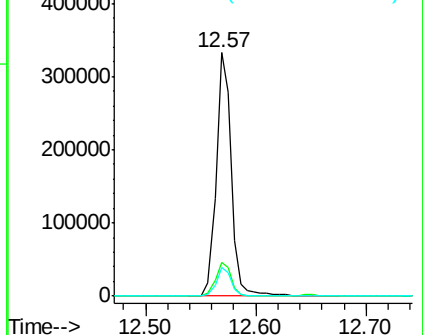
183 11.8 9.8 14.6

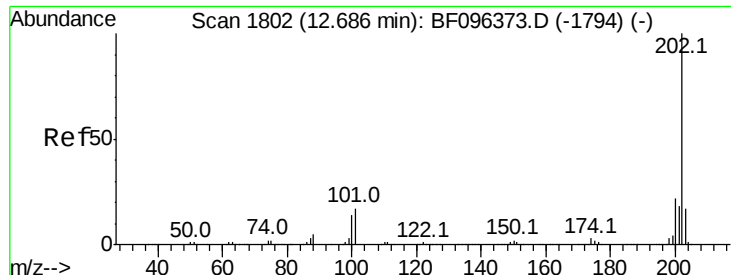


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

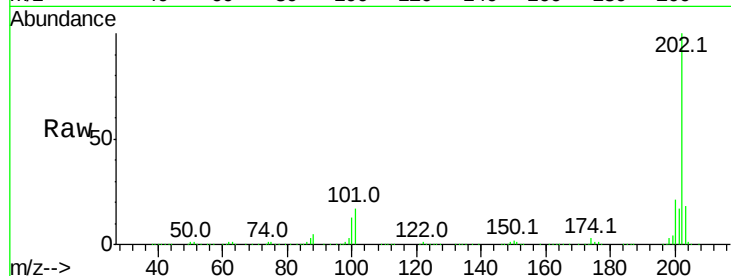




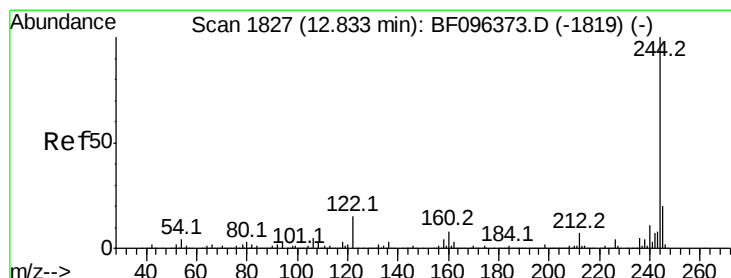
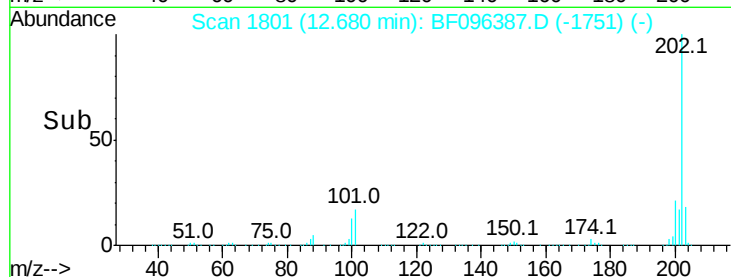
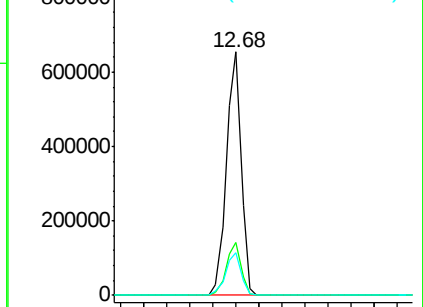
#77
Pvrene
Concen: 32.02 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 582422
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.6 14.4 21.6

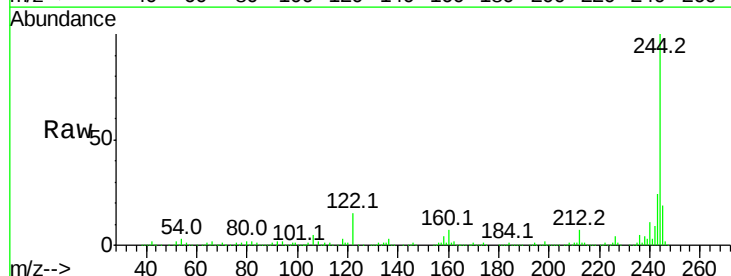


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

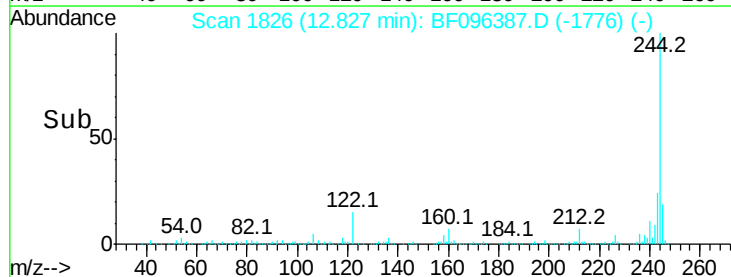
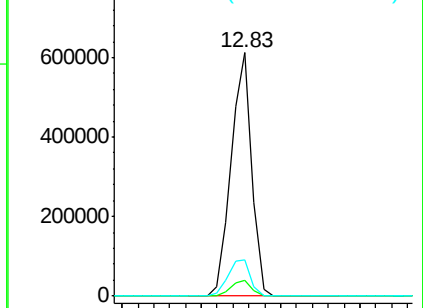


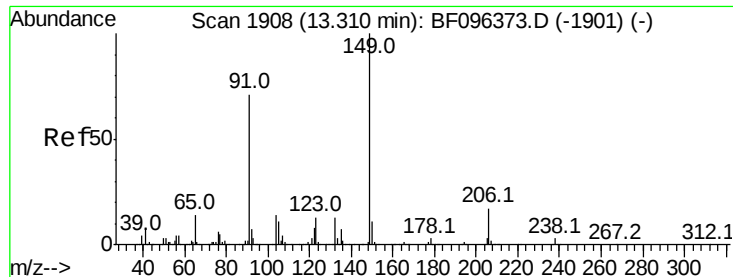
#78
Terphenyl-d14
Concen: 51.74 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion:244 Resp: 548771
Ion Ratio Lower Upper
244 100
212 6.5 6.0 9.0
122 14.7 10.3 15.5



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

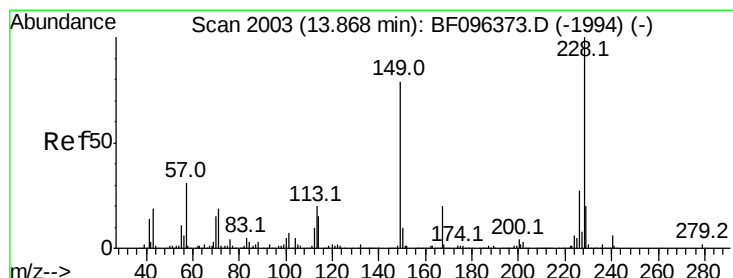
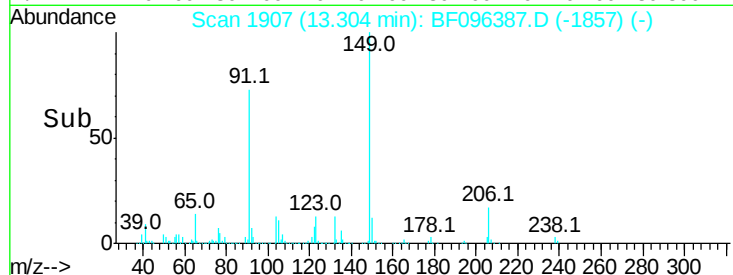
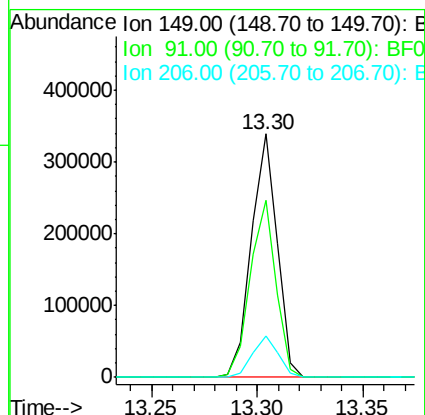
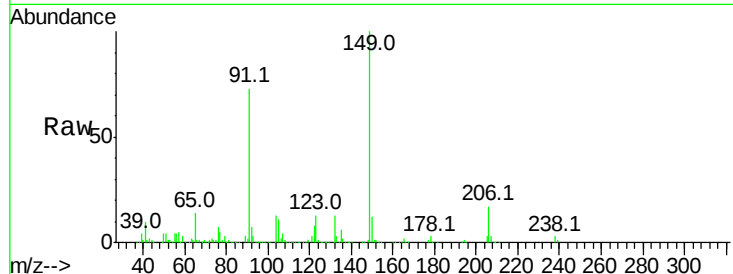




#79
Butylbenzylphthalate
Concen: 31.34 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

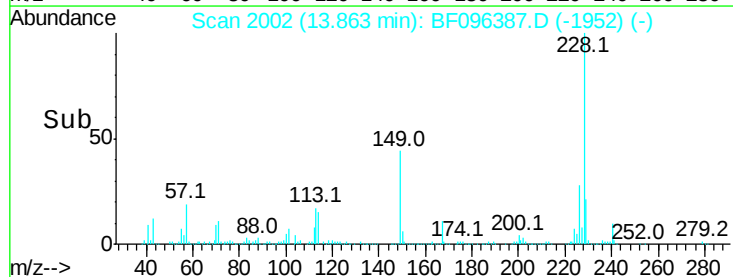
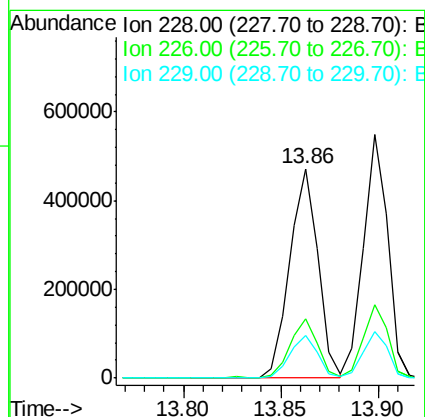
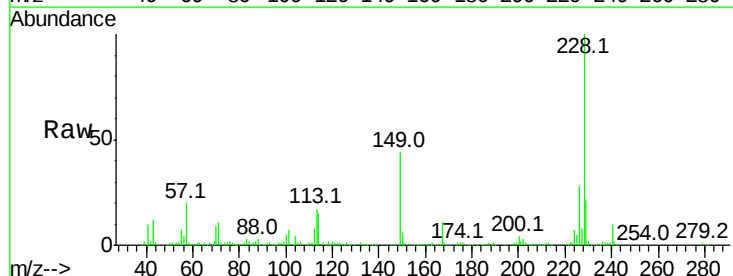
Instrument :
BNA_F
ClientSampled :

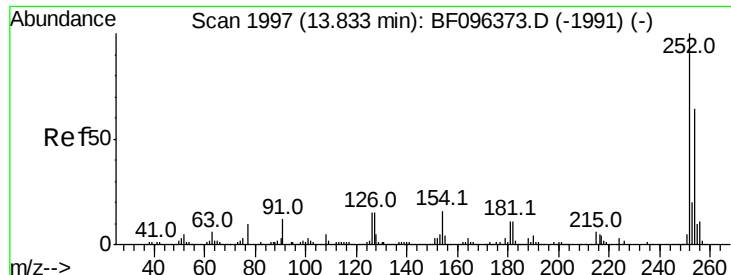
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.7	45.0	67.4#
206	16.8	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 36.06 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.6	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 31.44 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :

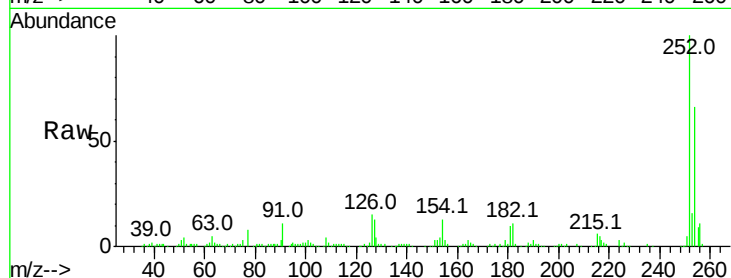
Tot Ion:252 Resp: 169464

Ion Ratio Lower Upper

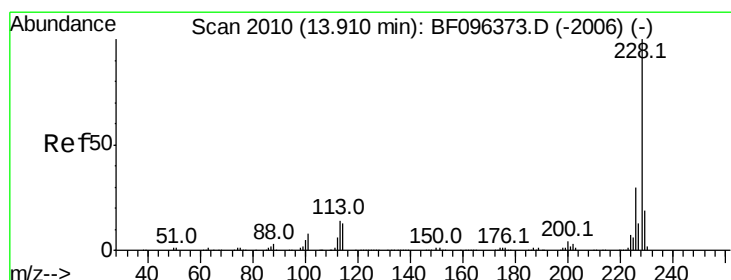
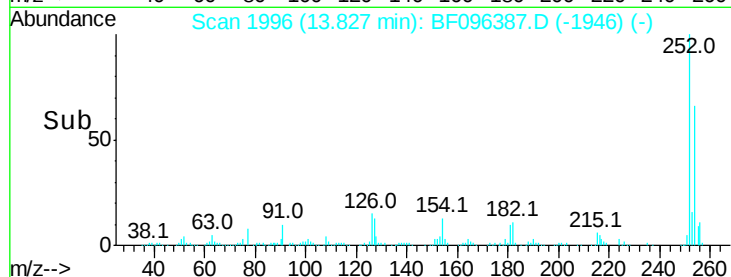
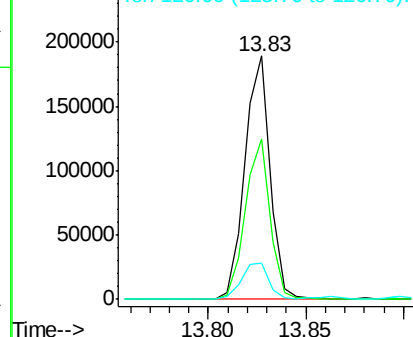
252 100

254 65.8 51.5 77.3

126 14.9 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: 35.03 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

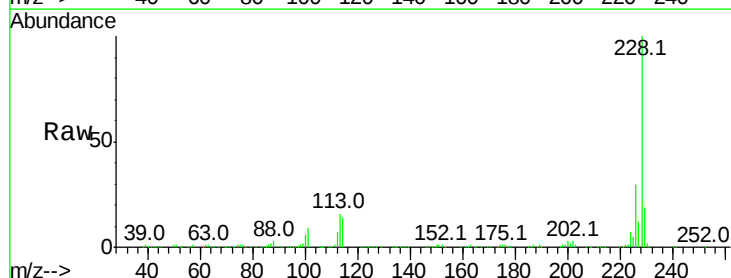
Tgt Ion:228 Resp: 481427

Ion Ratio Lower Upper

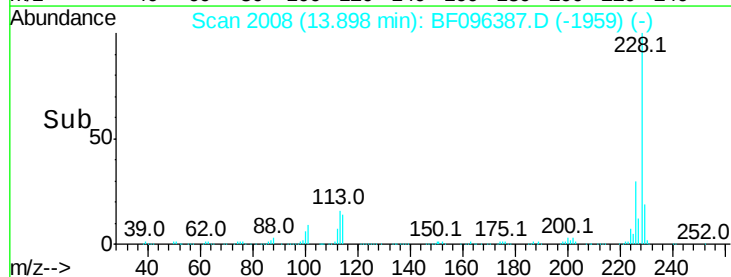
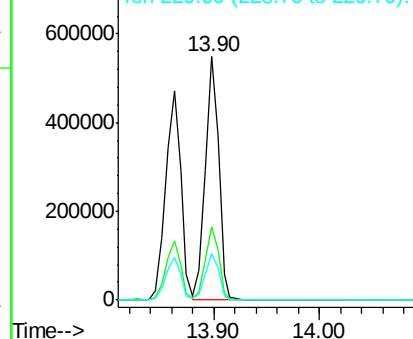
228 100

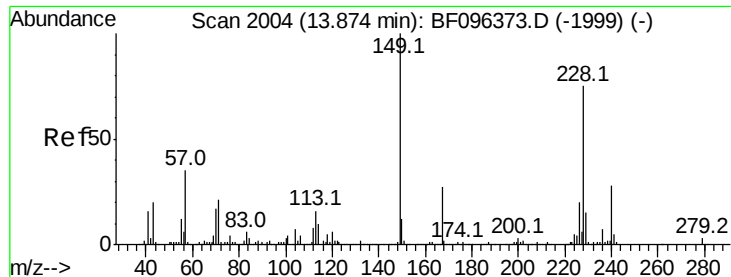
226 30.2 24.9 37.3

229 19.3 15.8 23.6



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

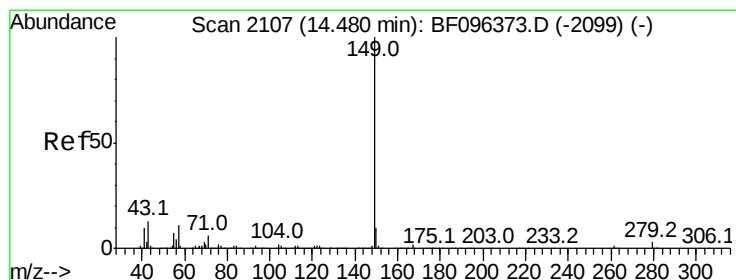
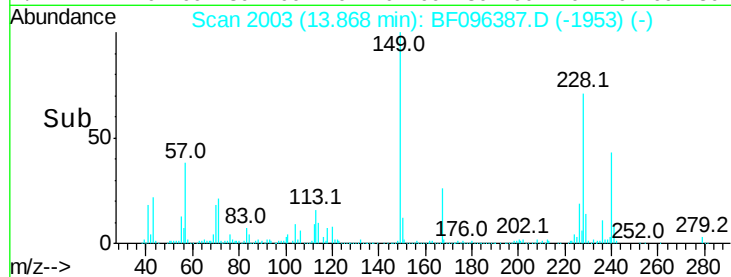
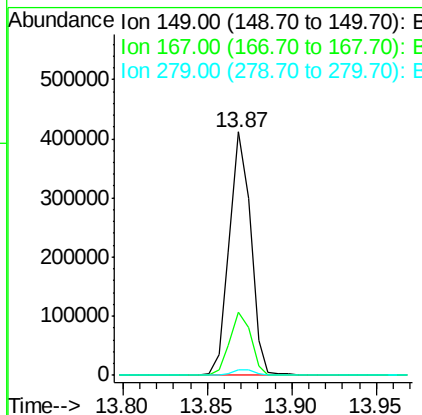
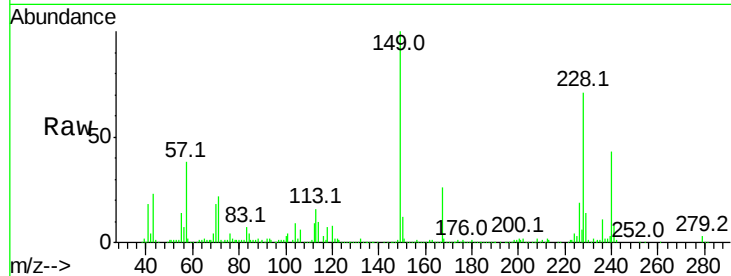




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.36 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

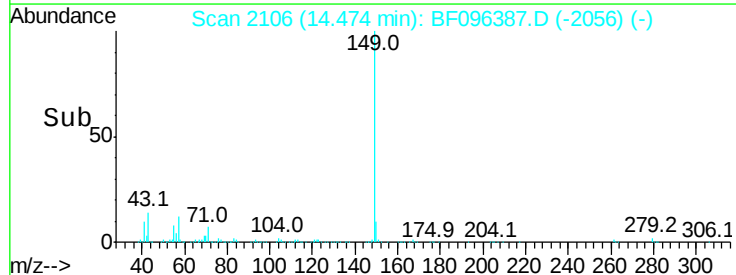
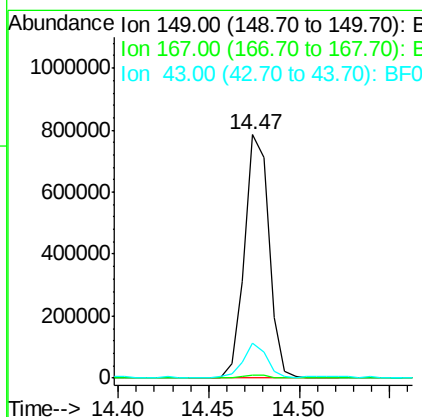
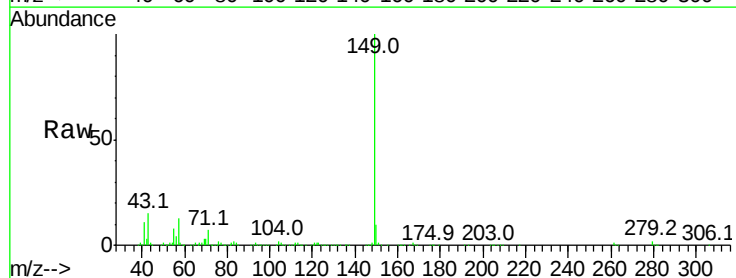
Instrument :
 BNA_F
 ClientSampleId :

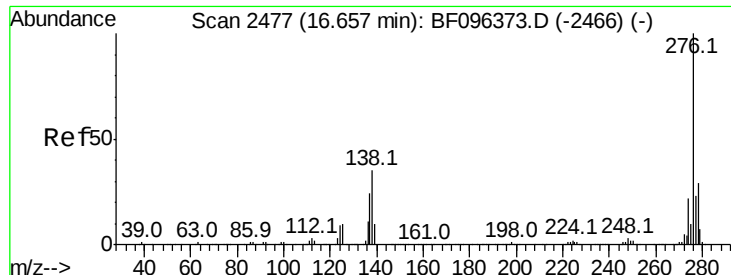
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	2.5	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 36.28 ng
 RT: 14.47 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.4	8.5	12.7#

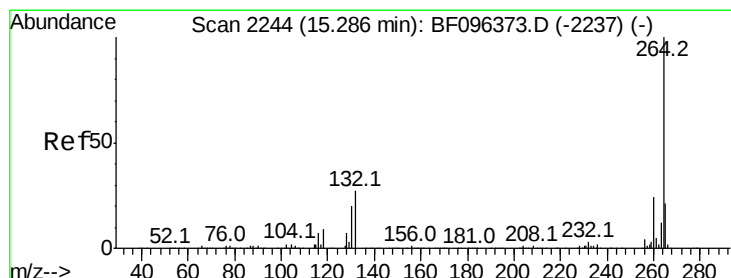
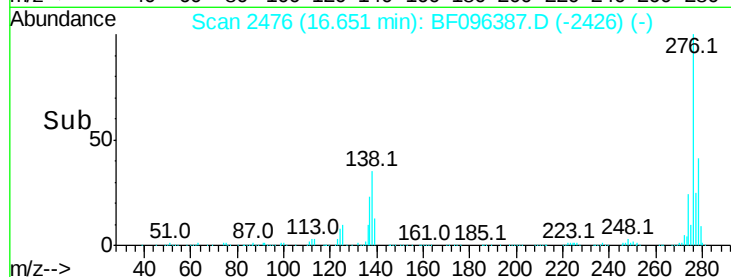
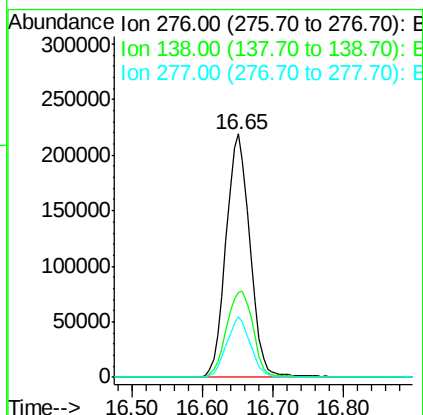
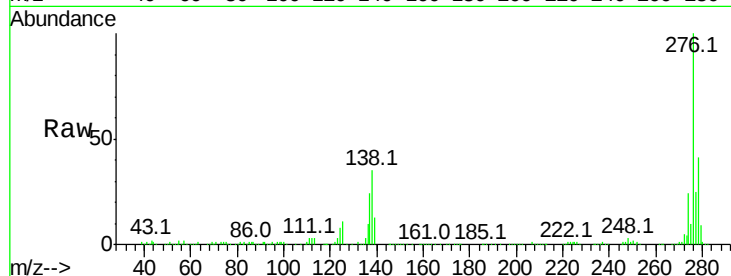




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.68 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

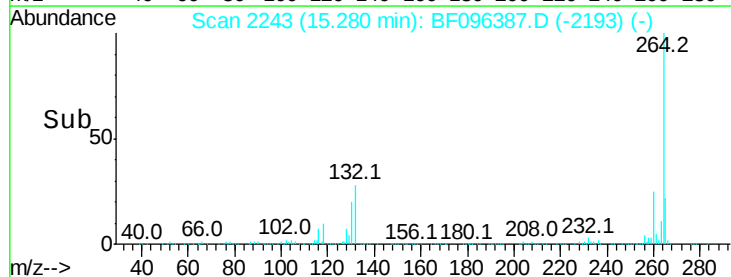
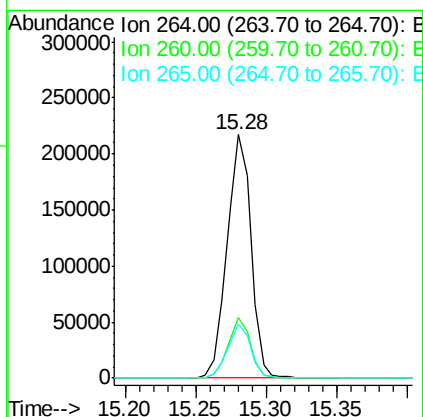
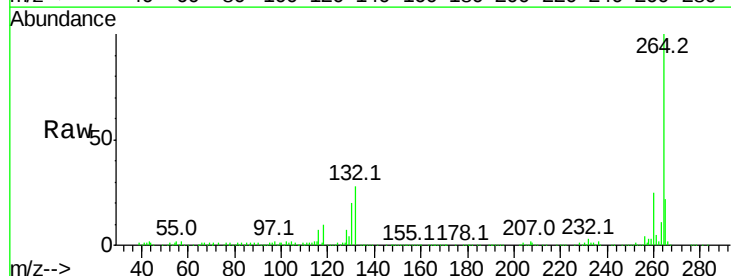
Instrument :
 BNA_F
 ClientSampled :

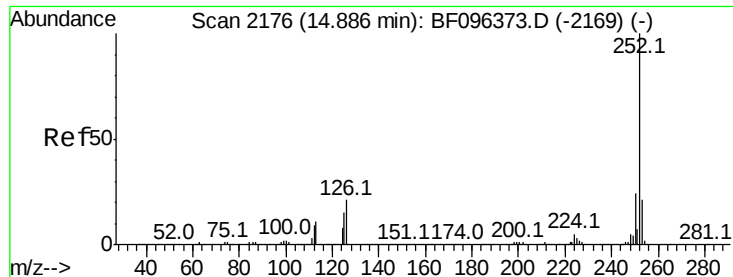
Tot Ion	Ratio	Lower	Upper
276	100		
138	39.5	27.8	41.6
277	24.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF096387.D
 Acq: 1 Jul 2017 19:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 31.16 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.02 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :

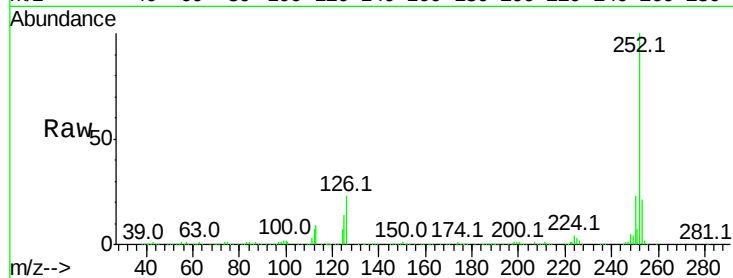
Tot Ion:252 Resp: 501387

Ion Ratio Lower Upper

252 100

253 21.2 18.1 27.1

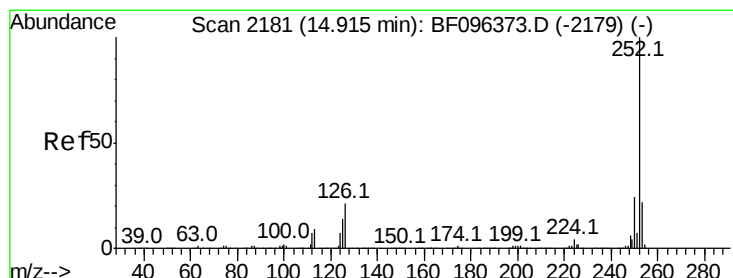
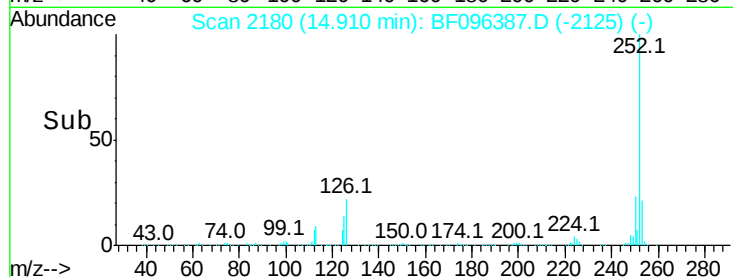
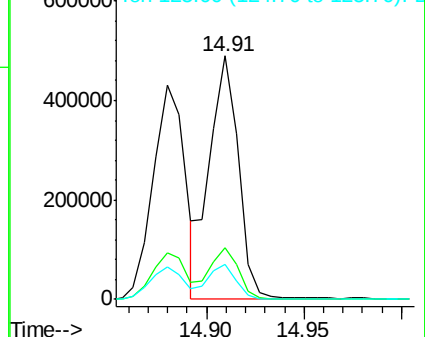
125 14.3 9.8 14.8



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: 34.83 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

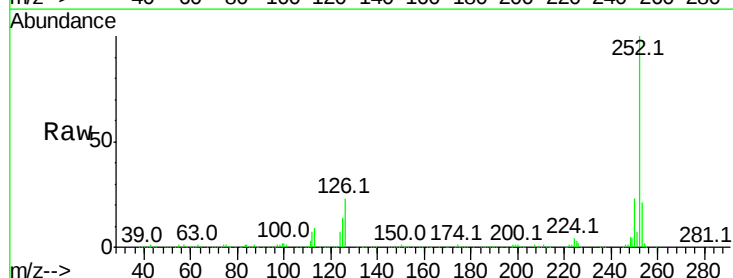
Tgt Ion:252 Resp: 501387

Ion Ratio Lower Upper

252 100

253 21.2 18.4 27.6

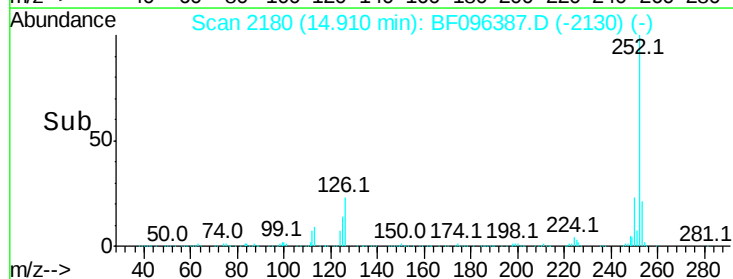
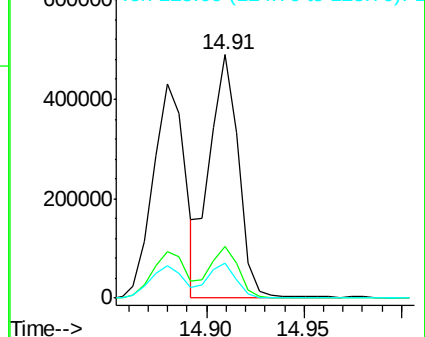
125 14.3 13.1 19.7

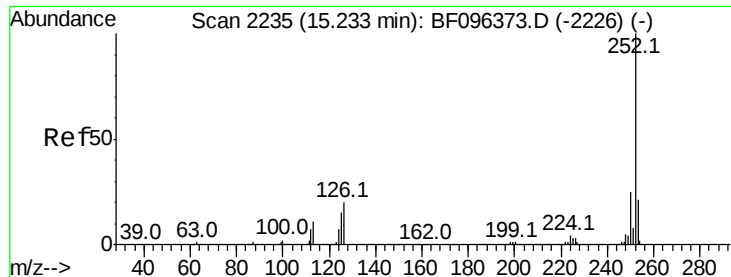


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

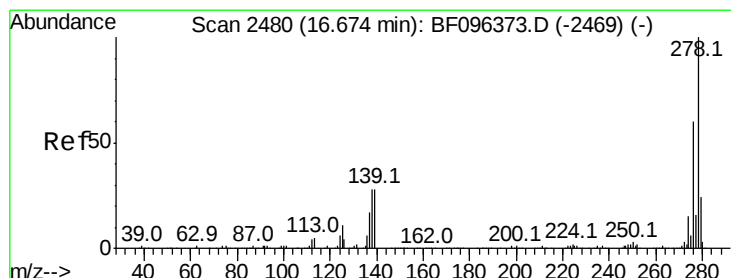
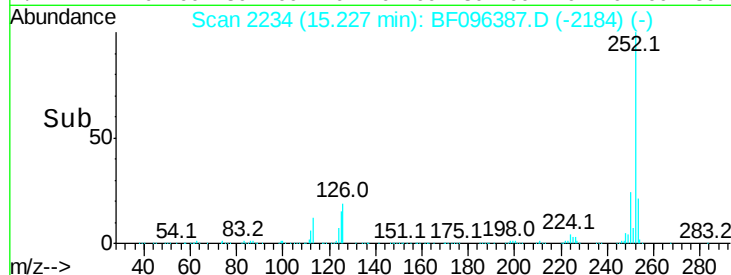
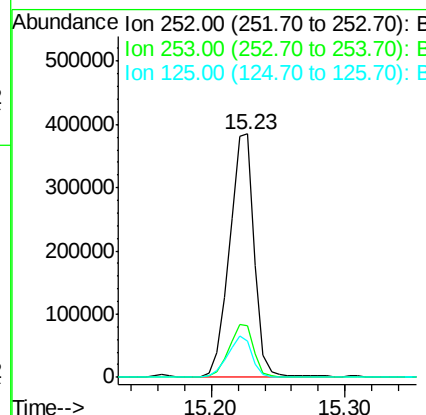
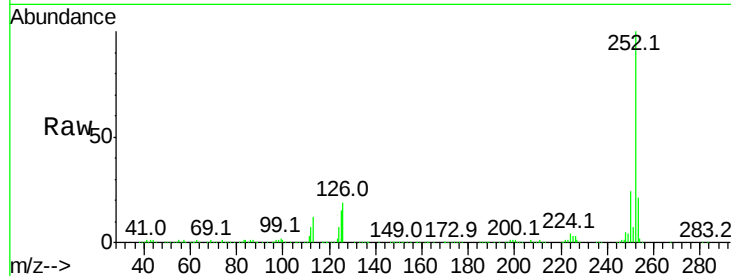




#89
Benzo(a)pyrene
Concen: 35.09 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

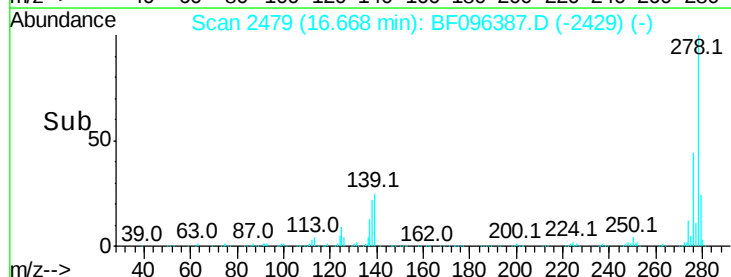
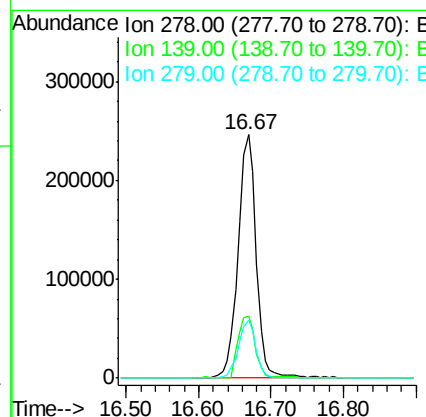
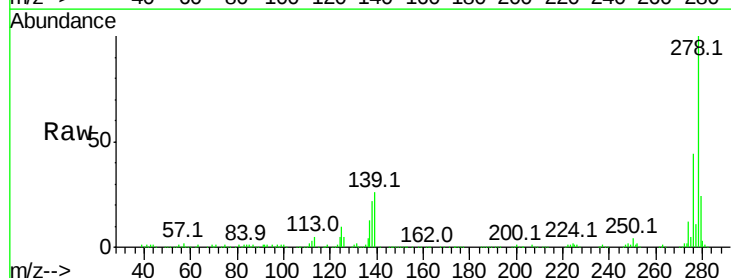
Instrument :
BNA_F
ClientSampleId :

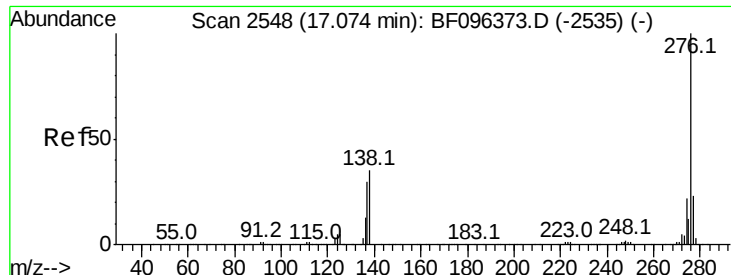
Tot Ion:252 Resp: 504208
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 15.1 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.17 ng
RT: 16.67 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BF096387.D
Acq: 1 Jul 2017 19:07

Tgt Ion:278 Resp: 431394
Ion Ratio Lower Upper
278 100
139 25.6 16.6 24.8#
279 23.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 35.31 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.01 min

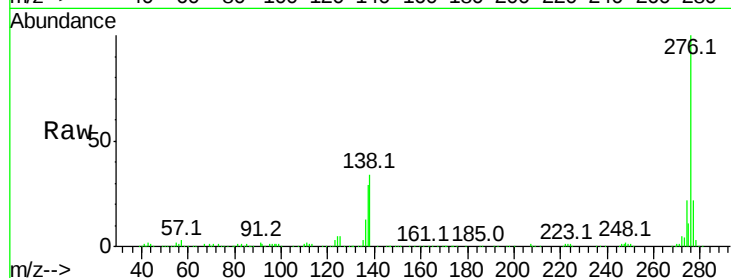
Lab File: BF096387.D

Acq: 1 Jul 2017 19:07

Instrument :

BNA_F

ClientSampleId :



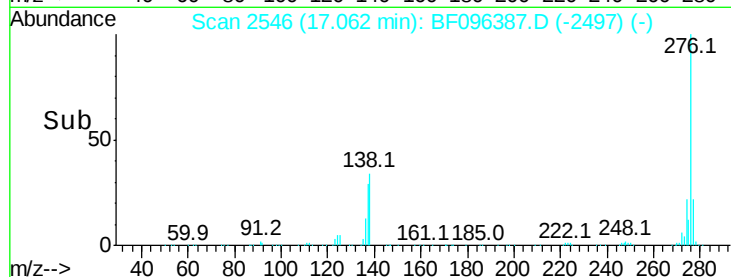
Tot Ion:276 Resp: 413550

Ion Ratio Lower Upper

276 100

277 22.4 18.6 28.0

138 34.1 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

