

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096480.D
 Acq On : 5 Jul 2017 13:31
 Operator : SJ/MA
 Sample : I3975-14MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MSD

Quant Time: Jul 05 16:50:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113122	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	527517	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	210288	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	351399	20.00	ng	0.00
75) Chrysene-d12	13.87	240	200702	20.00	ng	0.00
86) Perylene-d12	15.27	264	197038	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	910304	118.77	ng	0.01
7) Phenol-d6	6.36	99	1109820	117.79	ng	0.00
23) Nitrobenzene-d5	7.28	82	636215	72.47	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	208024	126.64	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1042881	84.79	ng	0.00
78) Terphenyl-d14	12.82	244	695152	74.01	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	129999	35.77	ng	# 76
3) Pyridine	3.12	79	318881	31.98	ng	# 63
4) n-Nitrosodimethylamine	3.06	42	195110	39.64	ng	# 79
6) Aniline	6.37	93	367529	30.18	ng	# 16
8) 2-Chlorophenol	6.50	128	339146	41.50	ng	100
9) Benzaldehyde	6.26	77	152585	25.88	ng	98
10) Phenol	6.37	94	427551	39.83	ng	79
11) bis(2-Chloroethyl)ether	6.45	93	325117	39.19	ng	92
12) 1,3-Dichlorobenzene	6.66	146	354049	41.31	ng	98
13) 1,4-Dichlorobenzene	6.73	146	359548	41.98	ng	97
14) 1,2-Dichlorobenzene	6.89	146	361300	45.94	ng	97
15) Benzyl Alcohol	6.86	79	309963	49.21	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	778089	46.14	ng	91
17) 2-Methylphenol	6.97	107	304040	46.68	ng	97
18) Hexachloroethane	7.23	117	117423	37.81	ng	# 83
19) n-Nitroso-di-n-propylamine	7.13	70	246428	43.90	ng	# 84
20) 3+4-Methylphenols	7.13	107	354635	48.81	ng	97
22) Acetophenone	7.12	105	482370	41.85	ng	96
24) Nitrobenzene	7.30	77	333492	36.21	ng	88
25) Isophorone	7.54	82	608819	35.77	ng	95
26) 2-Nitrophenol	7.62	139	194038	39.81	ng	94
27) 2,4-Dimethylphenol	7.66	122	346036	41.69	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	472075	42.01	ng	100
29) 2,4-Dichlorophenol	7.86	162	311541	43.51	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	282456	41.81	ng	97
31) Naphthalene	8.02	128	1007021	40.44	ng	99
32) Benzoic acid	7.76	122	108756	15.60	ng	97
33) 4-Chloroaniline	8.06	127	239226	23.13	ng	97
34) Hexachlorobutadiene	8.15	225	145490	41.99	ng	98
35) Caprolactam	8.43	113	93200m	37.74	ng	
36) 4-Chloro-3-methylphenol	8.56	107	295874	37.34	ng	90
37) 2-Methylnaphthalene	8.71	142	643706	40.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	225591	41.32	ng	99
40) Hexachlorocyclopentadiene	8.87	237	114679	43.19	ng	100

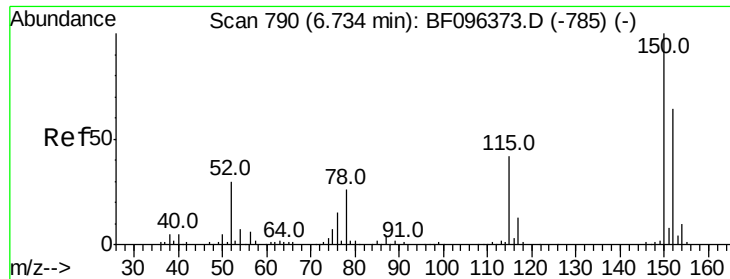
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096480.D
 Acq On : 5 Jul 2017 13:31
 Operator : SJ/MA
 Sample : I3975-14MSD
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Quant Time: Jul 05 16:50:47 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	174899	40.49	nq	97
43) 2,4,5-Trichlorophenol	9.03	196	182552	42.74	nq	99
45) 1,1'-Biphenyl	9.17	154	707729	39.28	nq	96
46) 2-Chloronaphthalene	9.20	162	557834	41.54	nq	94
47) 2-Nitroaniline	9.29	65	199437	40.82	nq	92
48) Acenaphthylene	9.62	152	879828	41.35	nq	98
49) Dimethylphthalate	9.49	163	1211210	77.16	nq	99
50) 2,6-Dinitrotoluene	9.54	165	146359	42.16	nq	# 87
51) Acenaphthene	9.79	154	527716	40.24	nq	99
52) 3-Nitroaniline	9.70	138	134098	30.97	nq	84
53) 2,4-Dinitrophenol	9.81	184	53029	28.76	nq	# 70
54) Dibenzofuran	9.96	168	765547	44.21	nq	98
55) 4-Nitrophenol	9.87	139	257868	71.85	nq	# 64
56) 2,4-Dinitrotoluene	9.94	165	192794	43.86	nq	# 78
57) Fluorene	10.30	166	565215	46.22	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	135351	45.81	nq	# 97
59) Diethylphthalate	10.18	149	634275	42.75	nq	100
60) 4-Chlorophenyl-phenylether	10.29	204	238429	44.81	nq	96
61) 4-Nitroaniline	10.32	138	162527	41.28	nq	91
62) Azobenzene	10.45	77	635236	44.27	nq	93
64) 4,6-Dinitro-2-methylphenol	10.35	198	55272	22.81	nq	83
65) n-Nitrosodiphenylamine	10.41	169	549758	44.59	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	147859	43.22	nq	97
67) Hexachlorobenzene	10.85	284	149421	39.90	nq	# 89
68) Atrazine	10.94	200	151153	42.91	nq	95
69) Pentachlorophenol	11.04	266	148881	67.08	nq	97
70) Phenanthrene	11.26	178	792213	41.70	nq	99
71) Anthracene	11.31	178	820852	42.41	nq	99
72) Carbazole	11.46	167	725701	37.28	nq	99
73) Di-n-butylphthalate	11.80	149	917297	38.90	nq	98
74) Fluoranthene	12.44	202	670774	36.02	nq	100
76) Benzidine	12.56	184	341056	35.41	nq	# 93
77) Pyrene	12.67	202	684278	42.48	nq	100
79) Butylbenzylphthalate	13.29	149	340383	41.74	nq	# 81
80) Benzo(a)anthracene	13.85	228	501610	43.16	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	185225	38.80	nq	# 95
82) Chrysene	13.89	228	500076	41.09	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	407460	44.76	nq	99
84) Di-n-octyl phthalate	14.47	149	752394	41.97	nq	95
85) Indeno(1,2,3-cd)pyrene	16.63	276	434639	45.24	nq	99
87) Benzo(b)fluoranthene	14.87	252	487080	39.45	nq	99
88) Benzo(k)fluoranthene	14.90	252	473627m	42.89	nq	
89) Benzo(a)pyrene	15.22	252	461321	41.85	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	361549	41.69	nq	96
91) Benzo(g,h,i)perylene	17.04	276	354182	39.42	nq	99

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

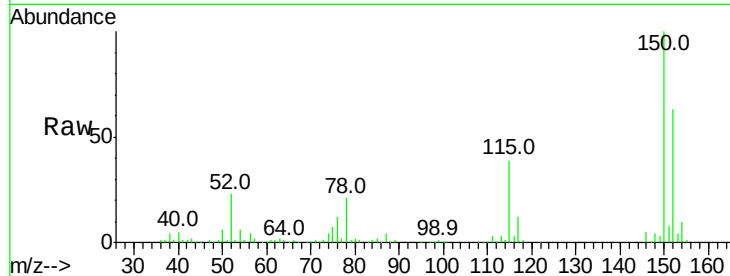


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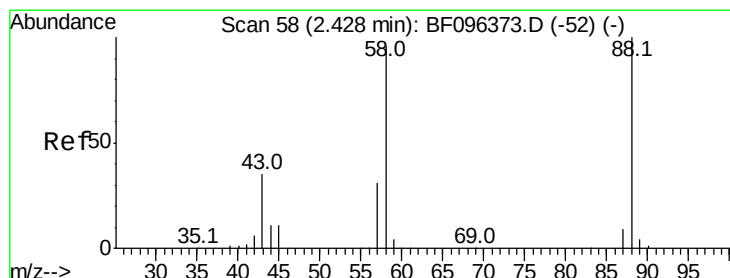
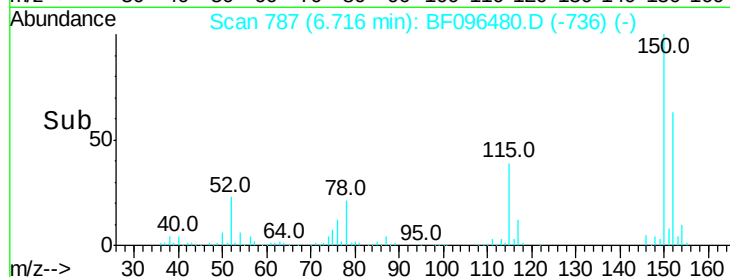
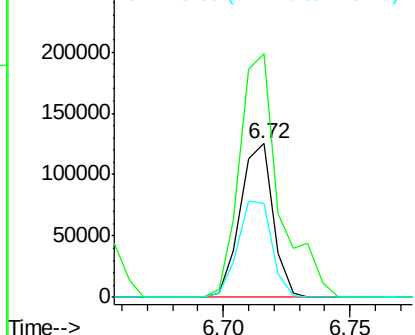
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Instrument :
BNA_F
ClientSampleId :
B8-12-14MSD

Tot Ion:152 Resp: 113122
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 61.4 52.2 78.2



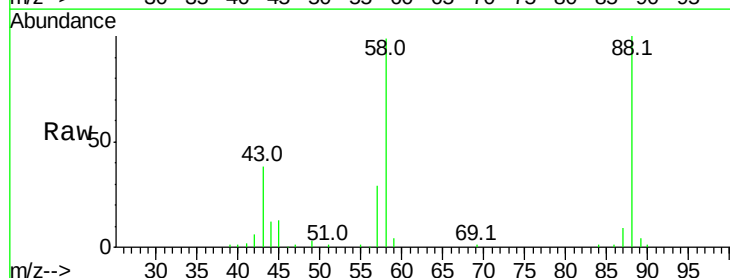
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



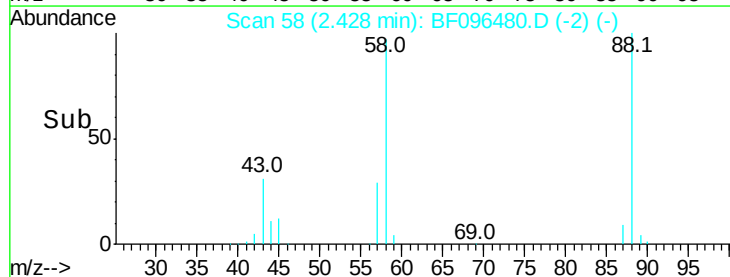
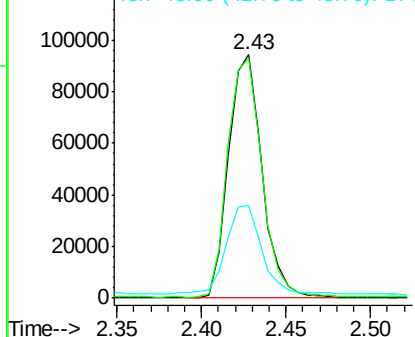
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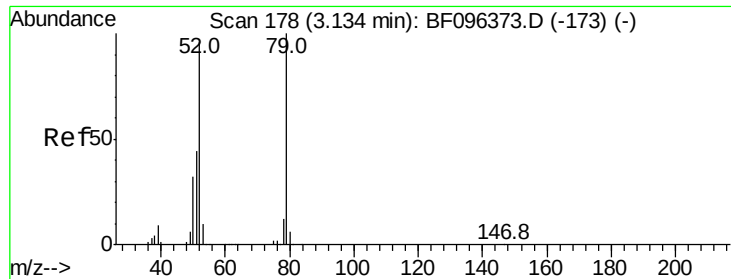
1,4-Dioxane
Concen: 35.77 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.03 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Tgt Ion: 88 Resp: 129999
Ion Ratio Lower Upper
88 100
58 99.7 61.4 92.0#
43 38.9 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: 31.98 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.03 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

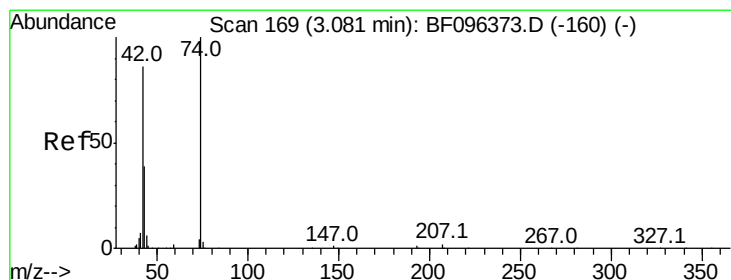
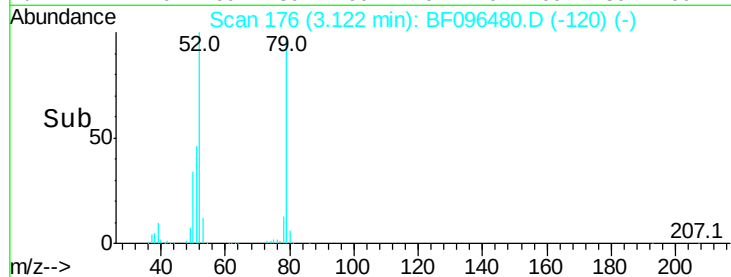
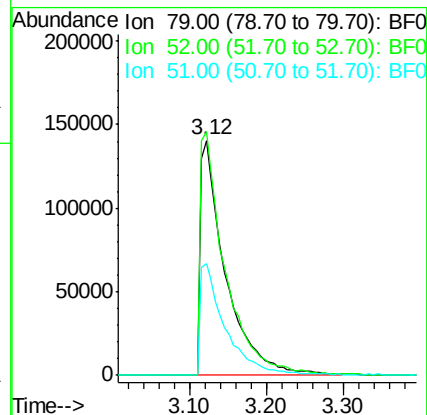
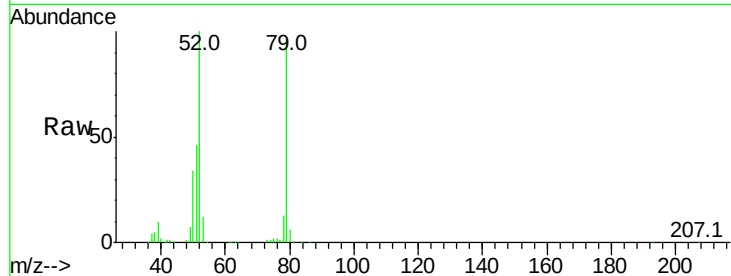
Tot Ion: 79 Resp: 318881

Ion Ratio Lower Upper

79 100

52 103.6 54.8 82.2#

51 47.7 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 39.64 ng

RT: 3.06 min Scan# 166

Delta R.T. 0.02 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

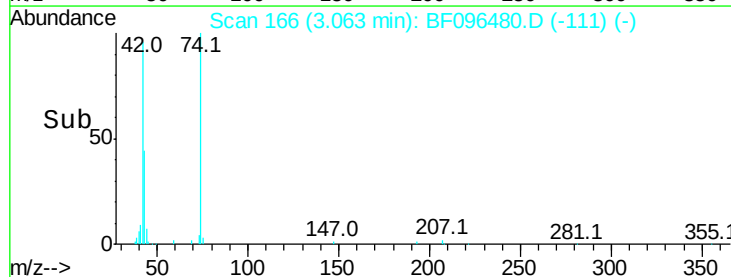
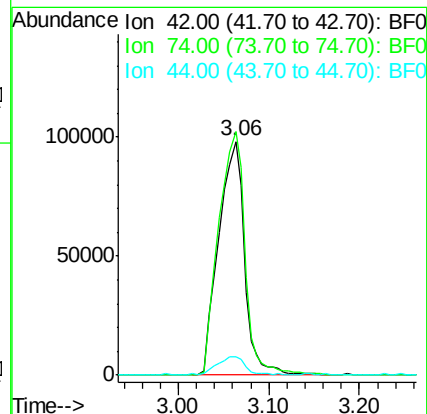
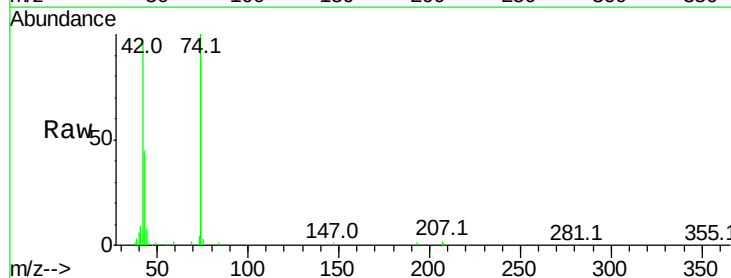
Tgt Ion: 42 Resp: 195110

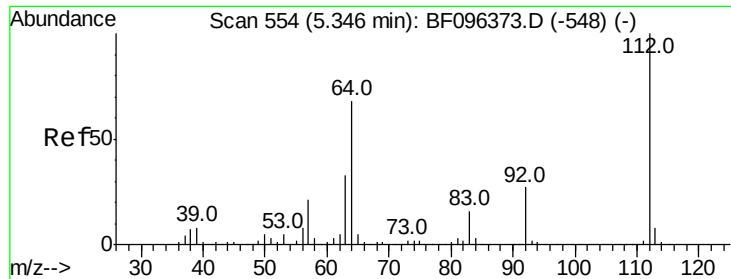
Ion Ratio Lower Upper

42 100

74 104.3 103.9 155.9

44 8.1 5.7 8.5

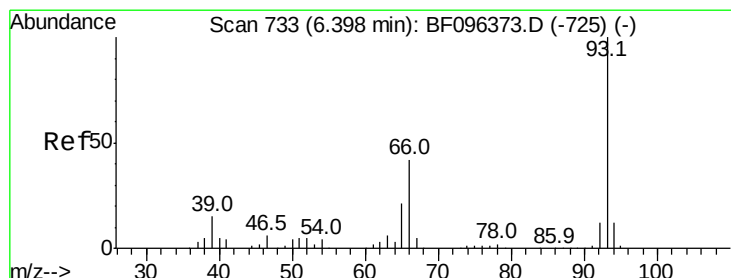
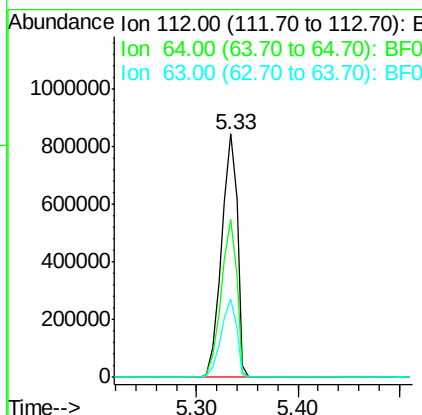
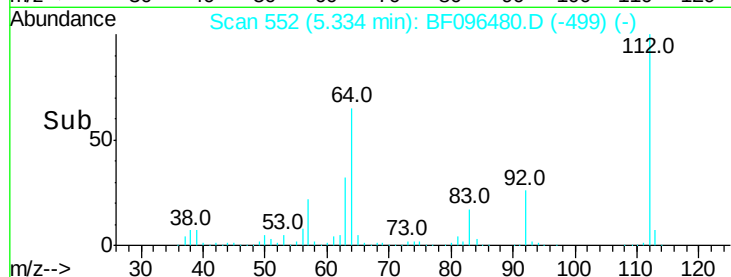
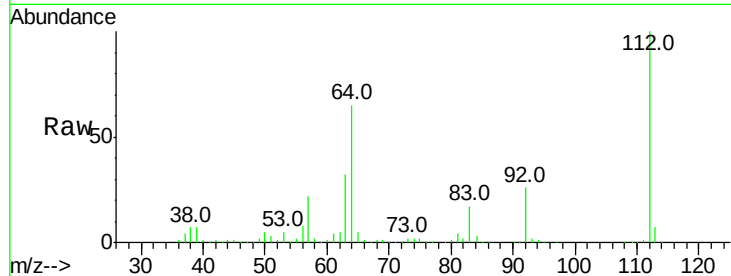




#5
 2-Fluorophenol
 Concen: 118.77 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

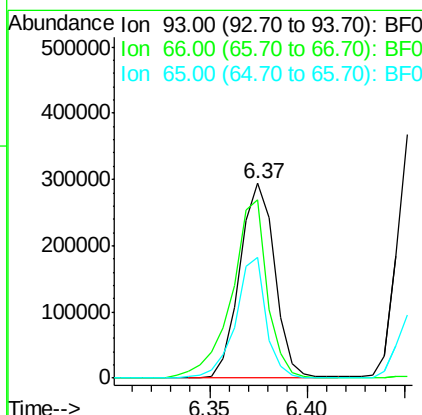
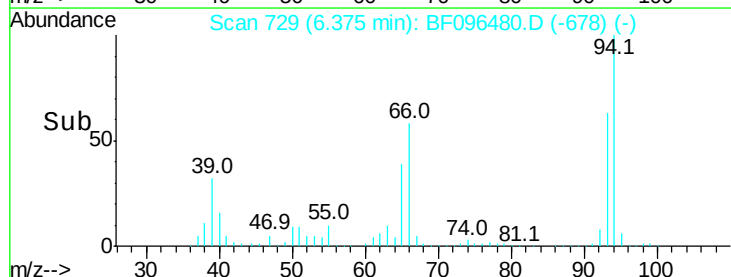
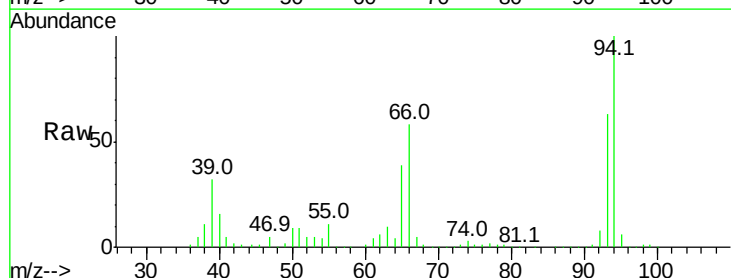
Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MSD

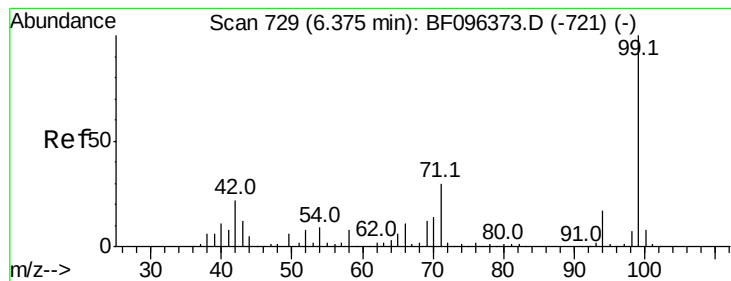
Tot Ion:	112	Resp:	910304
Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.0	69.0
63	32.4	23.4	35.0



#6
 Aniline
 Concen: 30.18 ng
 RT: 6.37 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Tgt Ion:	93	Resp:	367529
Ion	Ratio	Lower	Upper
93	100		
66	91.8	32.9	49.3#
65	62.0	16.0	24.0#





#7

Phenol-d6

Concen: 117.79 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

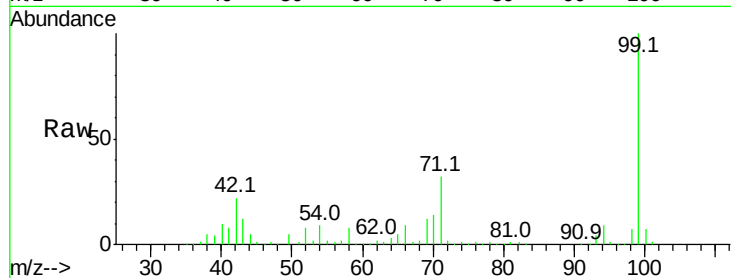
BNA_F

ClientSampleId :

B8-12-14MSD

Tot Ion: 99 Resp: 1109820

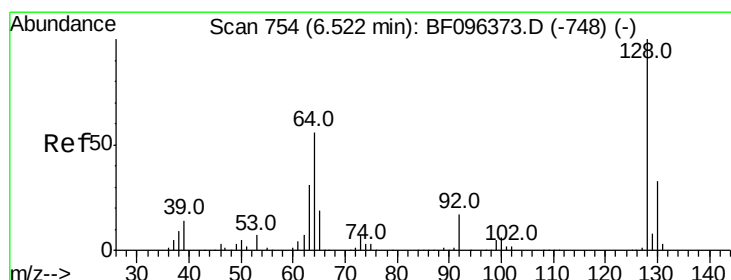
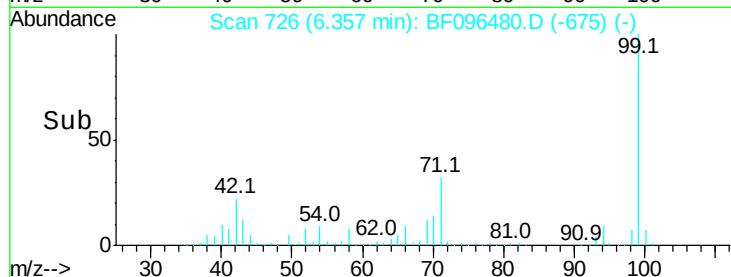
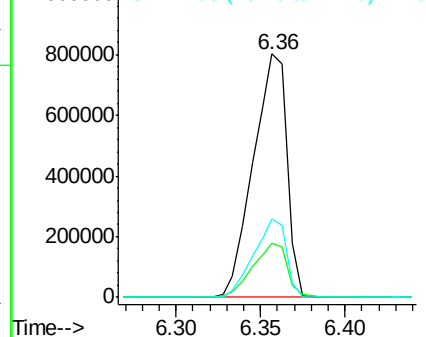
Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.5	20.3#
71	32.0	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.50 ng

RT: 6.50 min Scan# 751

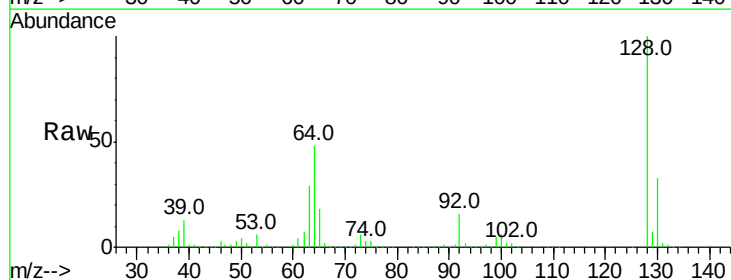
Delta R.T. 0.01 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Tgt Ion:128 Resp: 339146

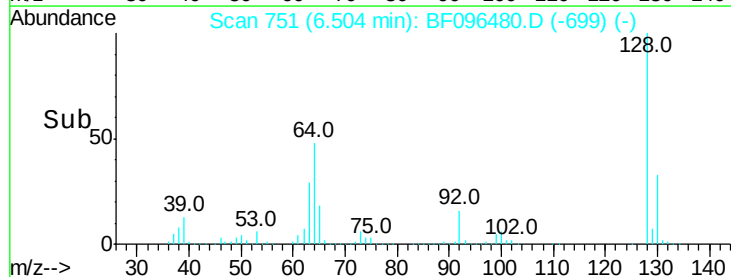
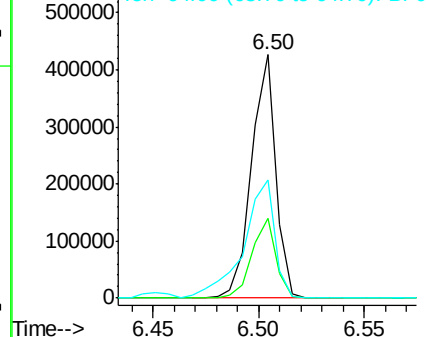
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	48.4	28.4	68.4

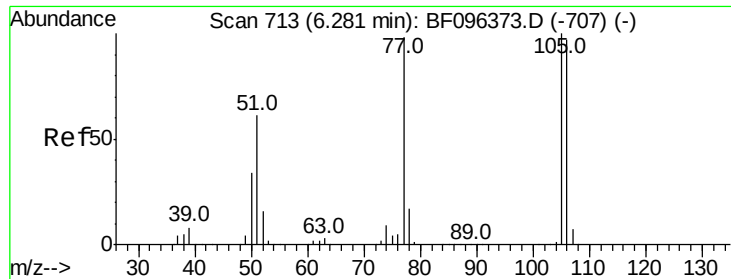


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.88 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

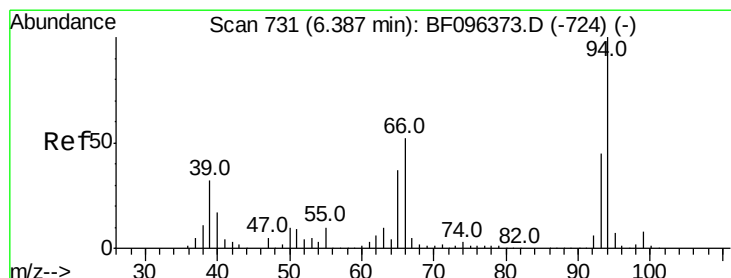
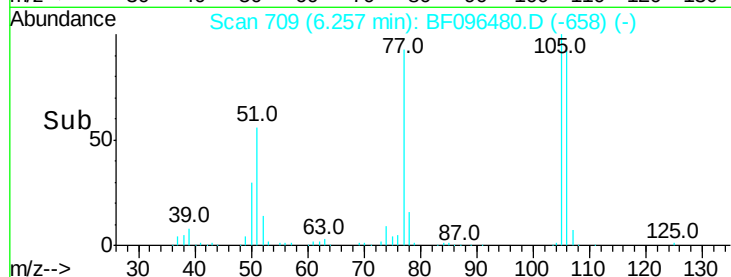
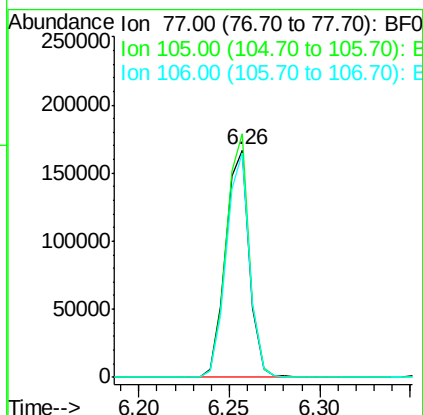
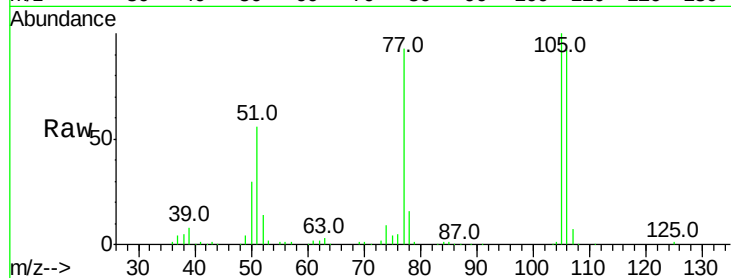
Tot Ion: 77 Resp: 152585

Ion Ratio Lower Upper

77 100

105 107.0 83.8 123.8

106 98.7 79.1 119.1



#10

Phenol

Concen: 39.83 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

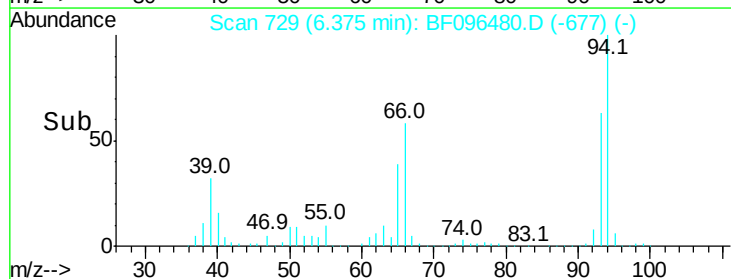
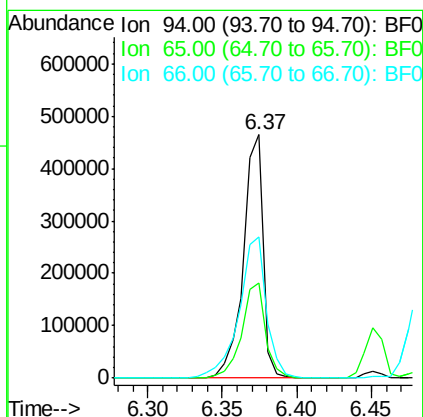
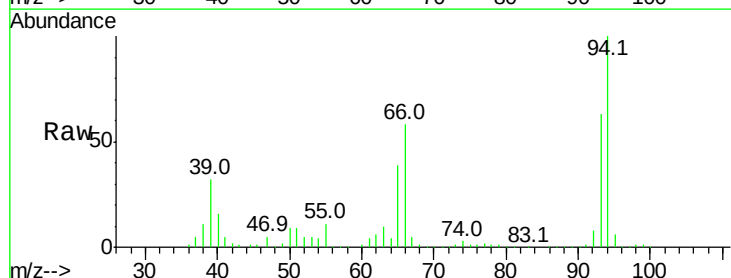
Tgt Ion: 94 Resp: 427551

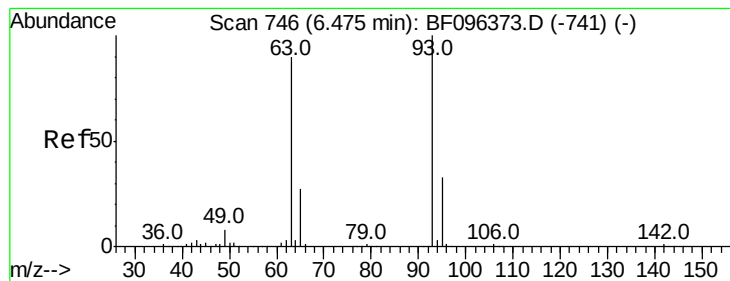
Ion Ratio Lower Upper

94 100

65 39.2 9.9 49.9

66 58.0 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.19 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

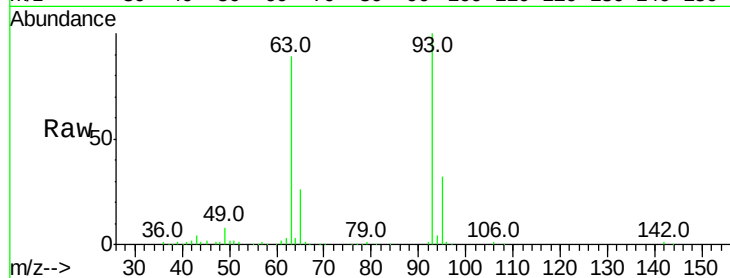
Tot Ion: 93 Resp: 325117

Ion Ratio Lower Upper

93 100

63 88.9 59.2 99.2

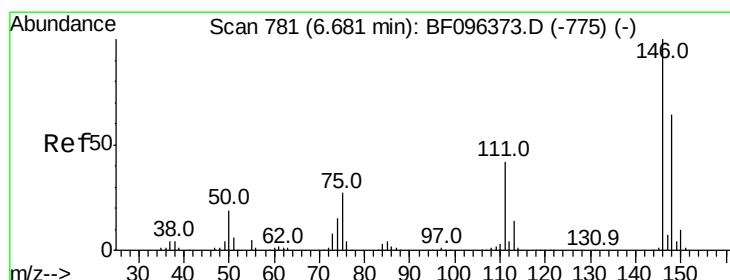
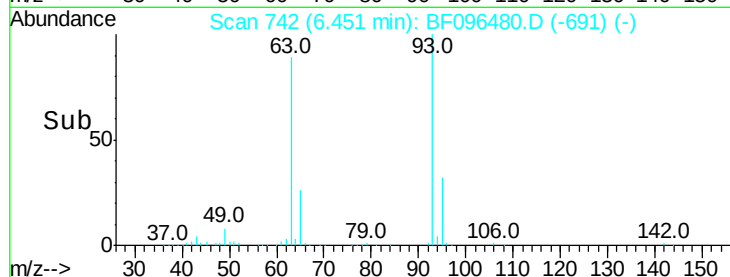
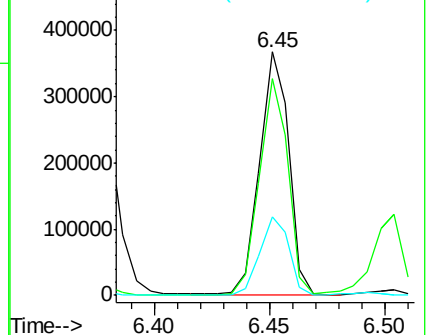
95 32.4 12.8 52.8



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: 41.31 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

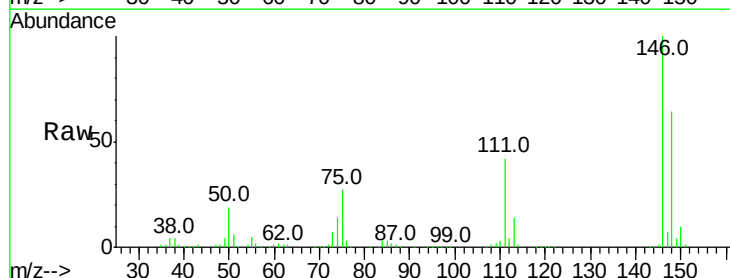
Tgt Ion: 146 Resp: 354049

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

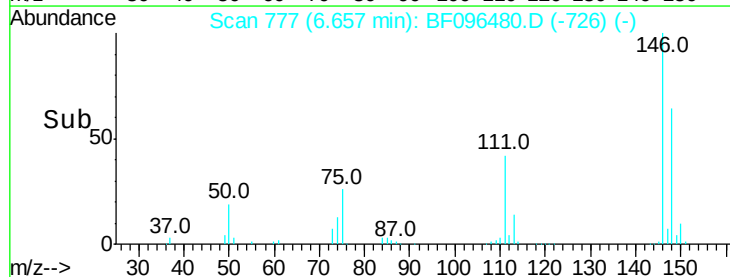
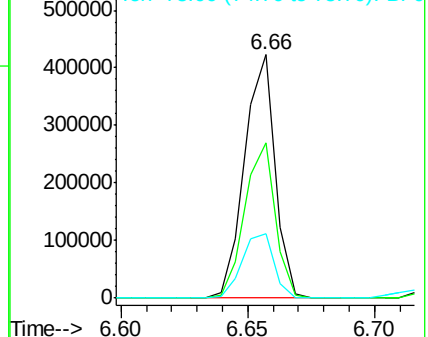
75 26.5 23.1 34.7

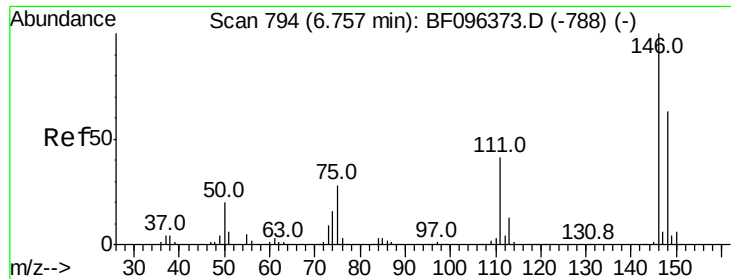


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

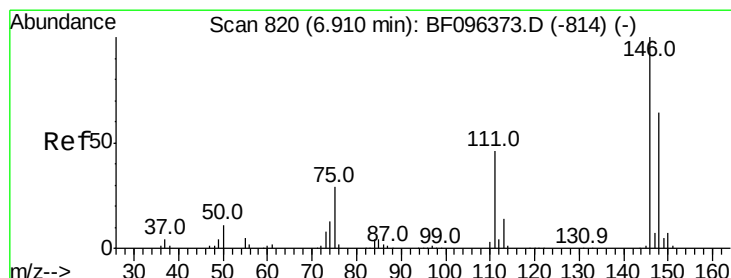
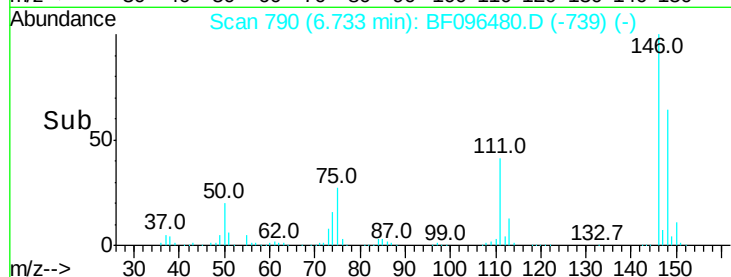
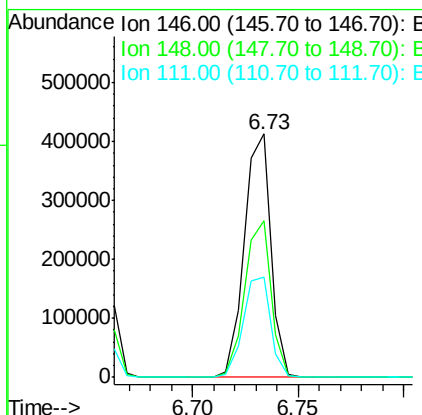
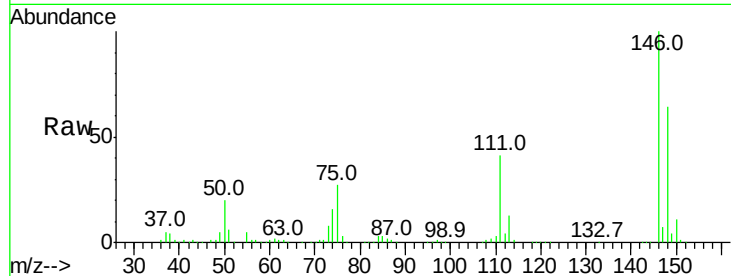




#13
 1,4-Dichlorobenzene
 Concen: 41.98 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

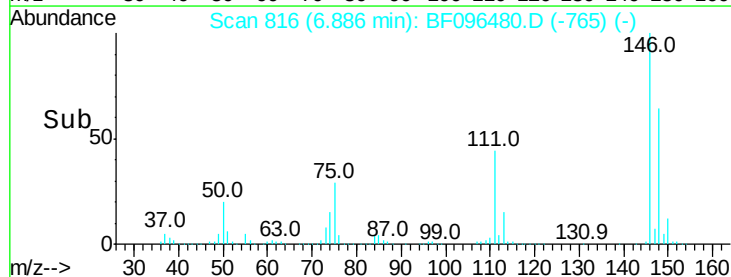
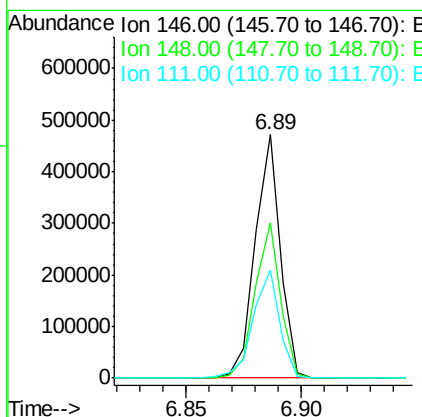
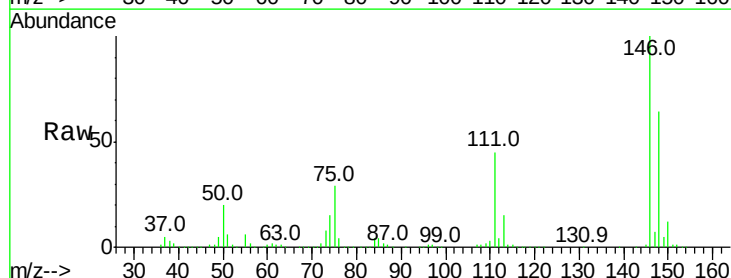
Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MSD

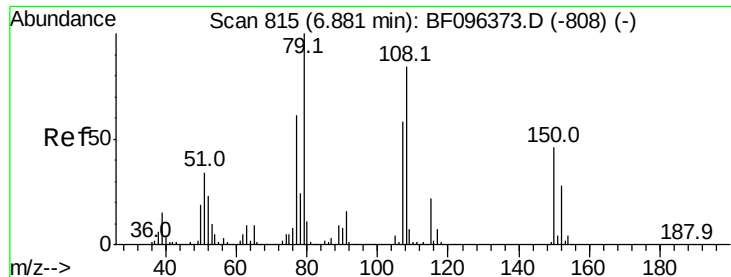
Tot Ion:146 Resp: 359548
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.2
 111 41.4 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 45.94 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Tgt Ion:146 Resp: 361300
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 44.5 38.2 57.4

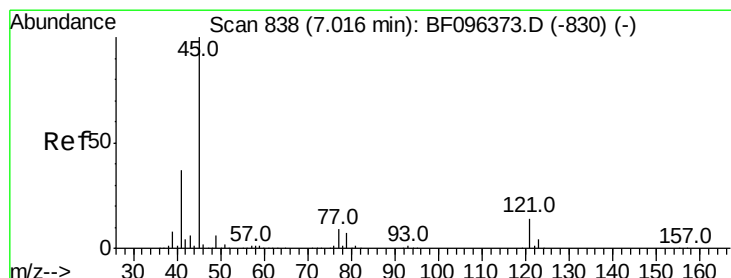
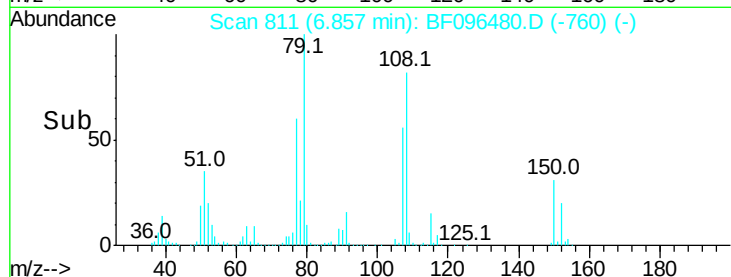
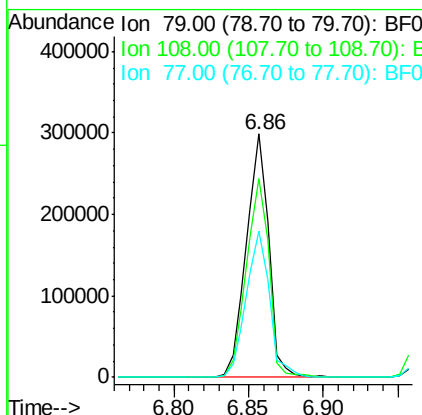
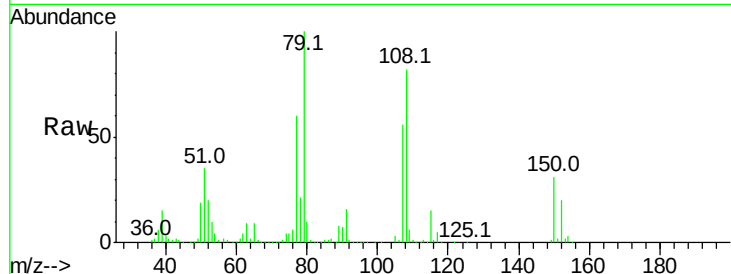




#15
Benzyl Alcohol
Concen: 49.21 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

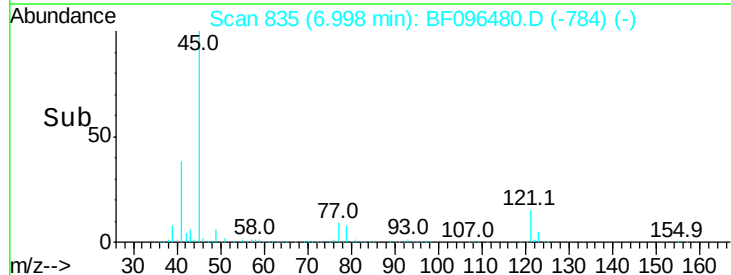
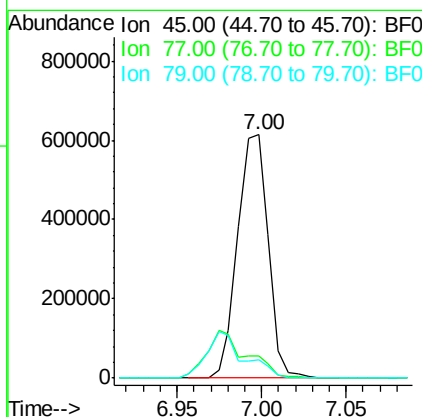
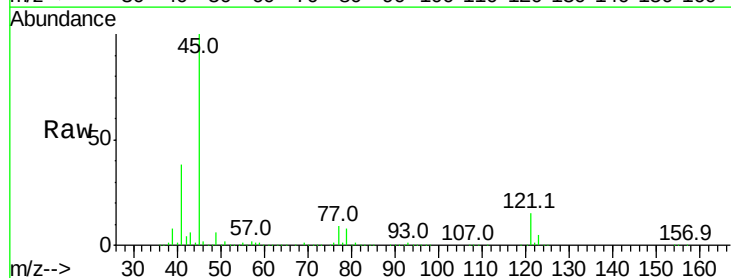
Instrument :
BNA_F
ClientSampleId :
B8-12-14MSD

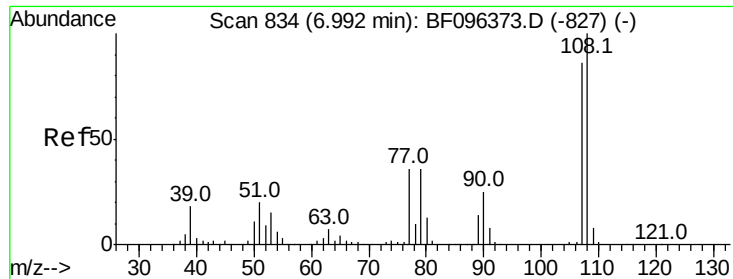
Tot Ion: 79 Resp: 309963
Ion Ratio Lower Upper
79 100
108 81.6 63.4 95.0
77 60.3 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.14 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Tgt Ion: 45 Resp: 778089
Ion Ratio Lower Upper
45 100
77 9.2 0.0 33.2
79 7.5 0.0 30.0

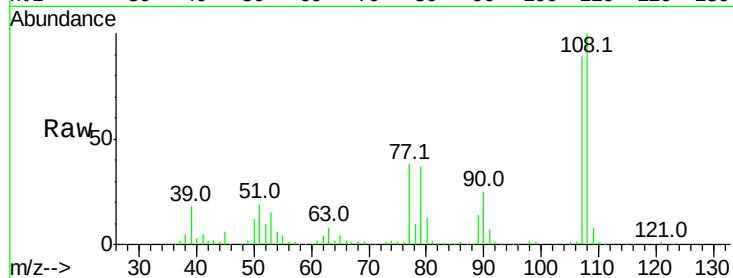




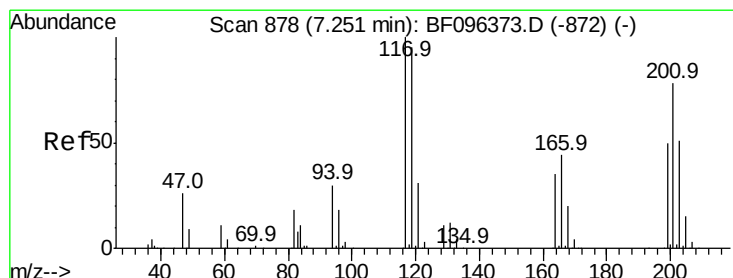
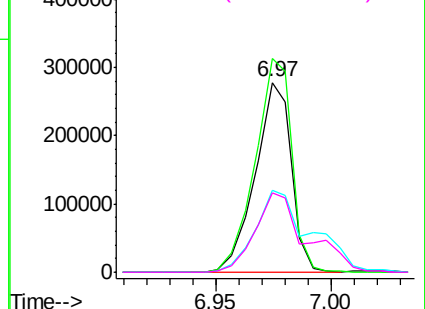
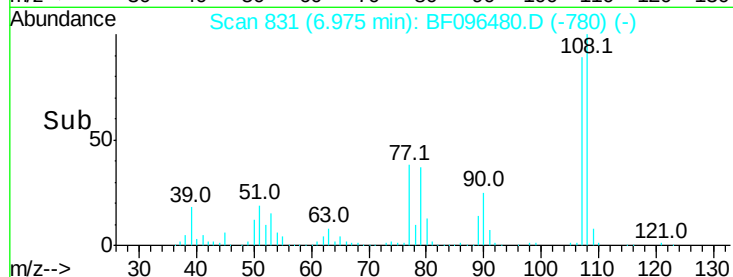
#17
2-Methylphenol
Concen: 46.68 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Instrument :
BNA_F
ClientSampleId :
B8-12-14MSD

Tot Ion:107 Resp: 304040
Ion Ratio Lower Upper
107 100
108 112.4 93.4 140.0
77 42.8 35.8 53.6
79 41.6 34.8 52.2

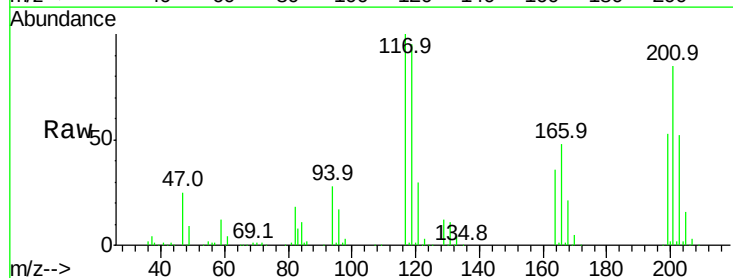


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

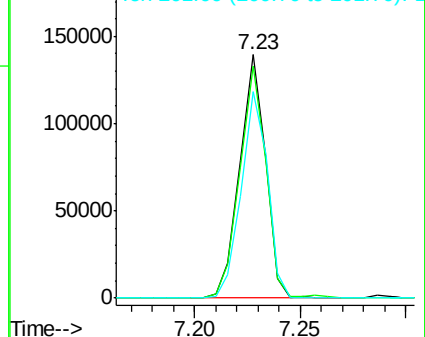
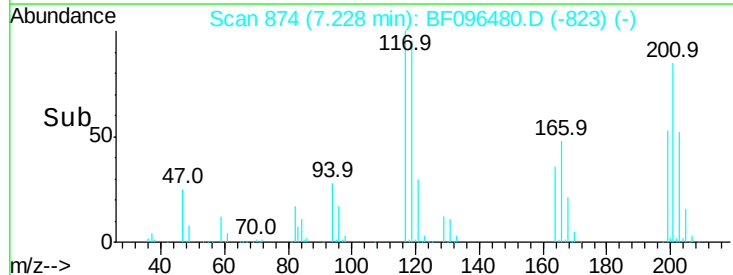


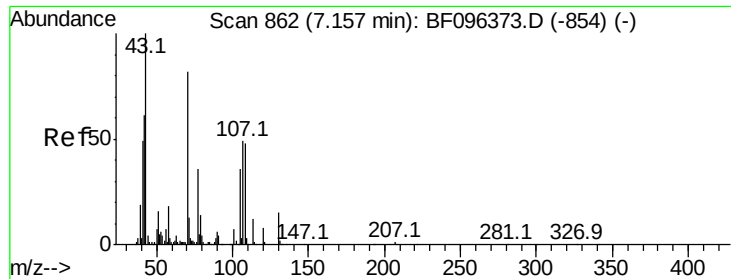
#18
Hexachloroethane
Concen: 37.81 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Tgt Ion:117 Resp: 117423
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0
201 84.7 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

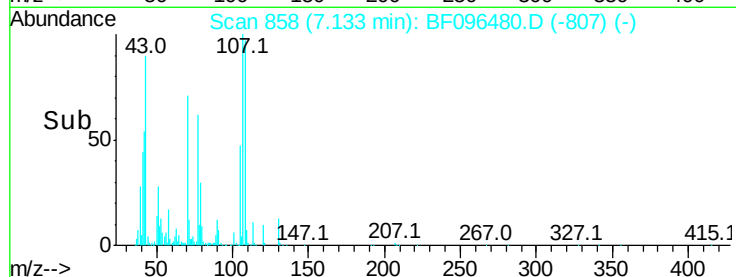
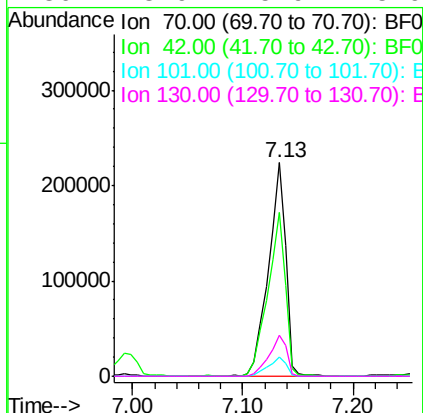
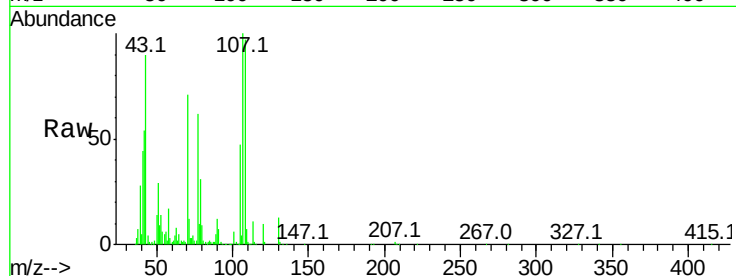




#19
n-Nitroso-di-n-propylamine
Concen: 43.90 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

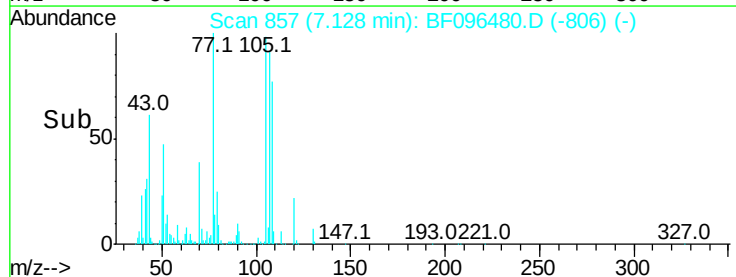
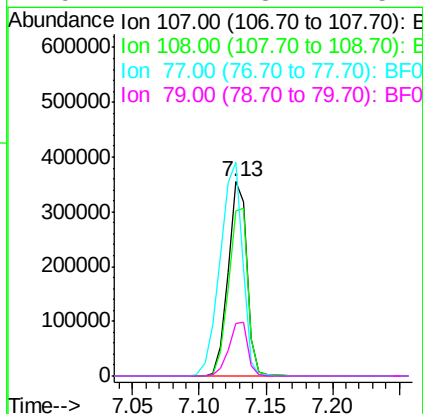
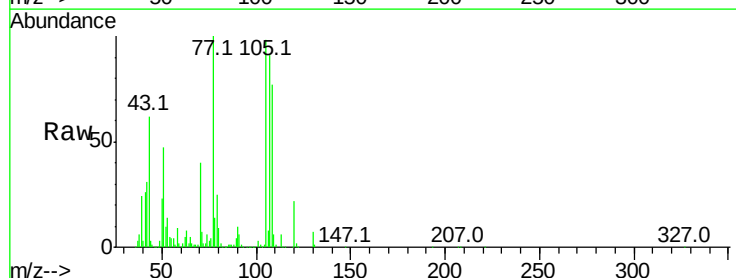
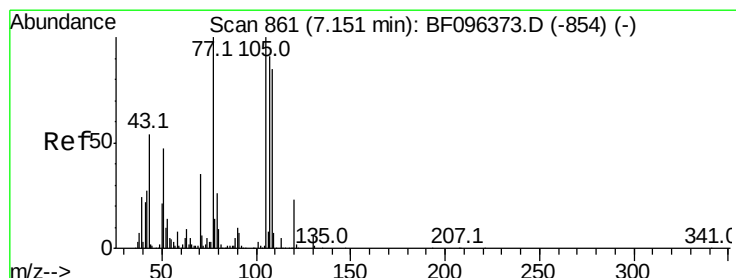
Instrument :
BNA_F
ClientSampleId :
B8-12-14MSD

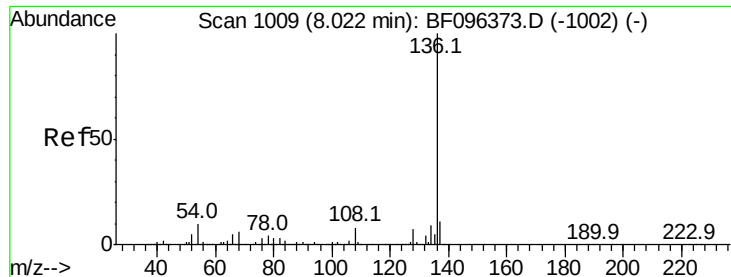
Tot Ion: 70 Resp: 246428
Ion Ratio Lower Upper
70 100
42 76.7 47.2 70.8#
101 9.0 7.2 10.8
130 18.9 15.9 23.9



#20
3+4-Methylphenols
Concen: 48.81 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Tgt Ion:107 Resp: 354635
Ion Ratio Lower Upper
107 100
108 84.8 71.0 111.0
77 110.0 90.5 130.5
79 27.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

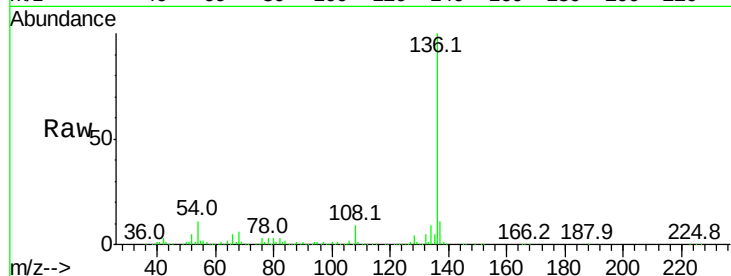
Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

Tot Ion:136	Resp: 527517
Ion Ratio	Lower Upper
136 100	
137 11.4	8.5 12.7
54 10.6	4.9 7.3#
68 5.5	4.1 6.1

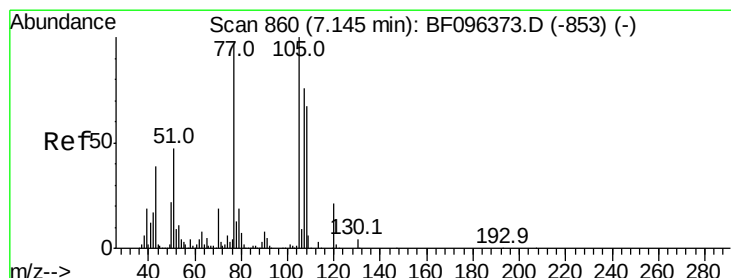
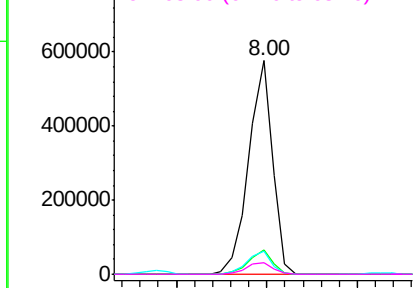
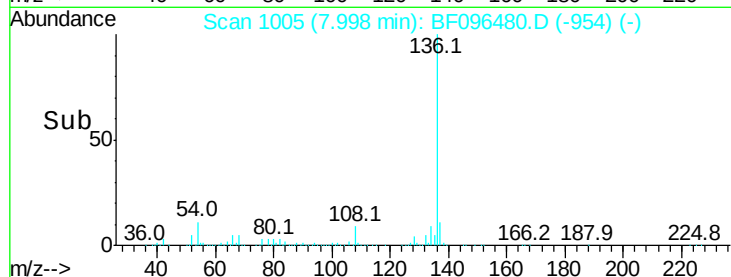


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.85 ng

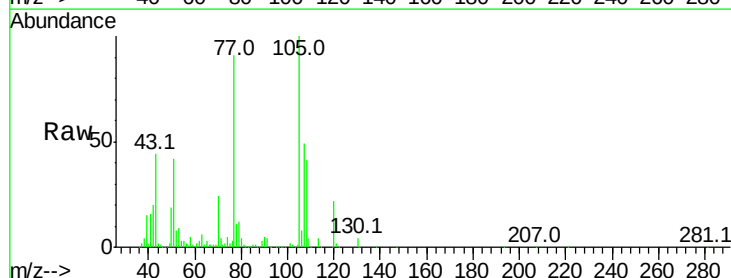
RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Tgt Ion:105	Resp: 482370
Ion Ratio	Lower Upper
105 100	
71 3.9	2.8 4.2
51 41.9	30.7 46.1
120 21.7	17.4 26.0

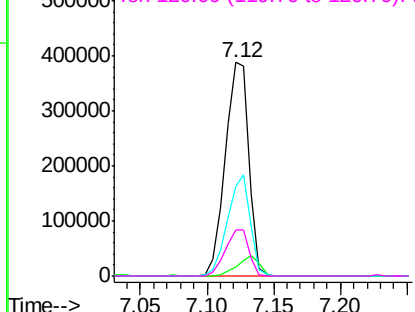
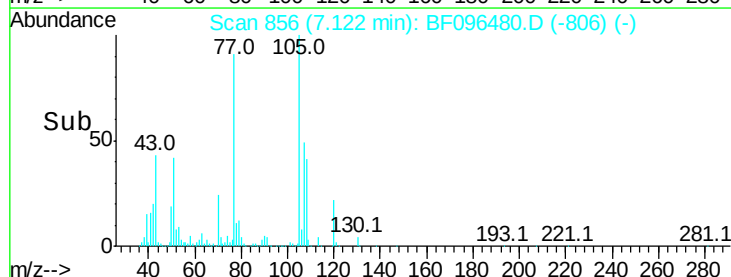


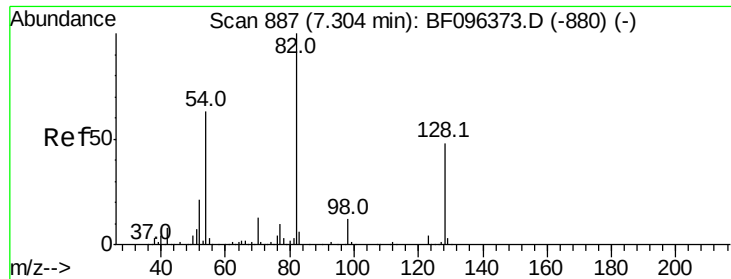
Abundance Ion 105.00 (104.70 to 105.70): E

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

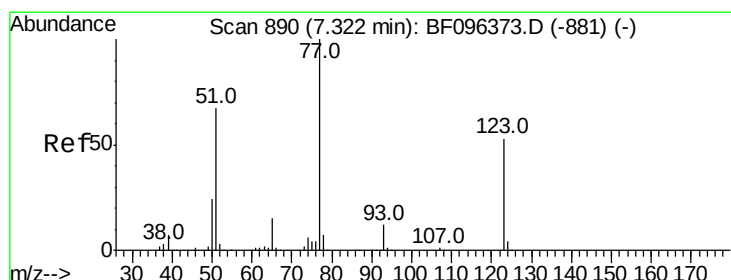
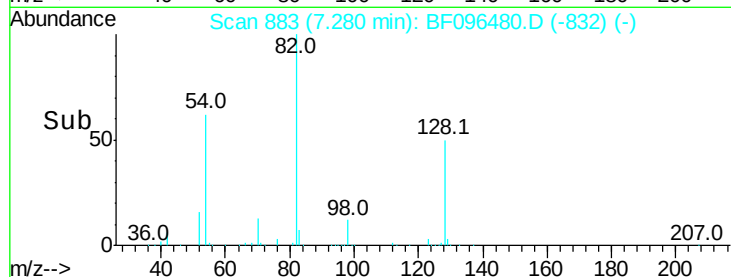
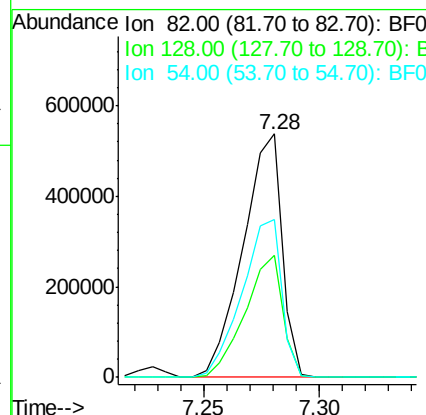
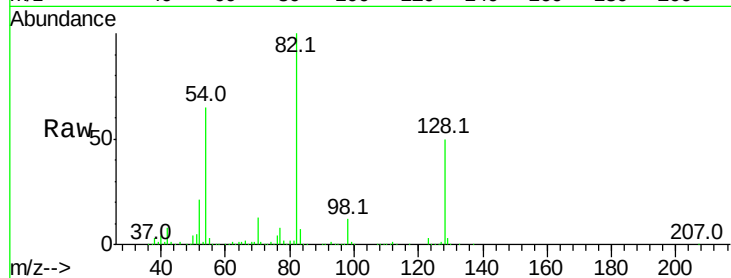




#23
Nitrobenzene-d5
Concen: 72.47 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

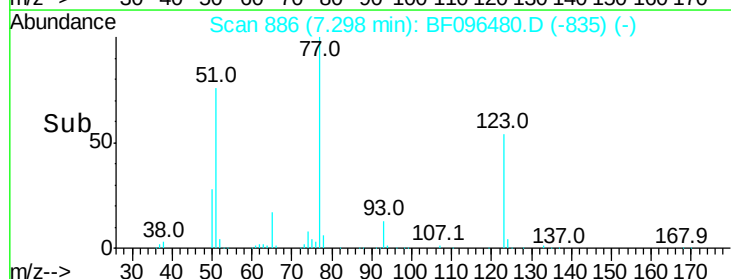
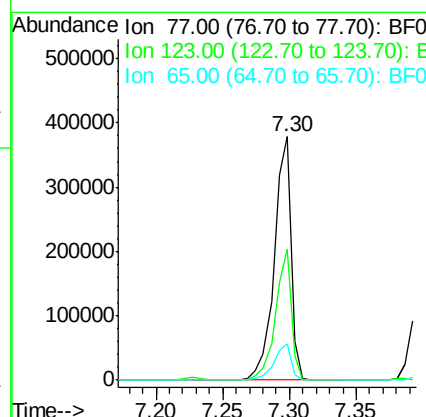
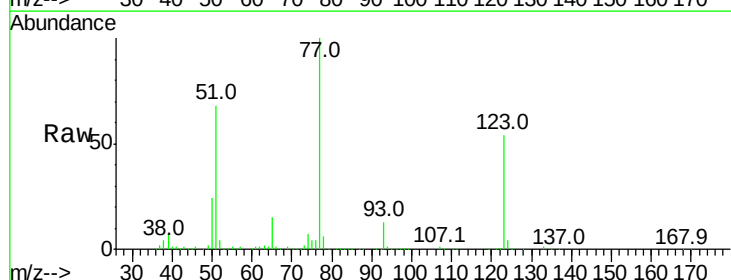
Instrument :
BNA_F
ClientSampleId :
B8-12-14MSD

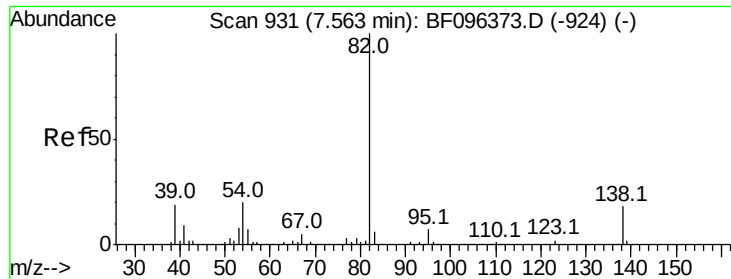
Tot Ion: 82 Resp: 636215
Ion Ratio Lower Upper
82 100
128 50.2 34.0 51.0
54 64.7 42.2 63.2#



#24
Nitrobenzene
Concen: 36.21 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Tgt Ion: 77 Resp: 333492
Ion Ratio Lower Upper
77 100
123 53.7 35.8 53.8
65 14.9 10.6 15.8





#25

Isophorone

Concen: 35.77 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

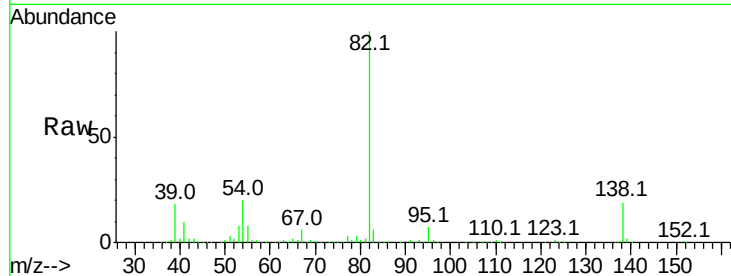
Tot Ion: 82 Resp: 608819

Ion Ratio Lower Upper

82 100

95 7.2 5.3 7.9

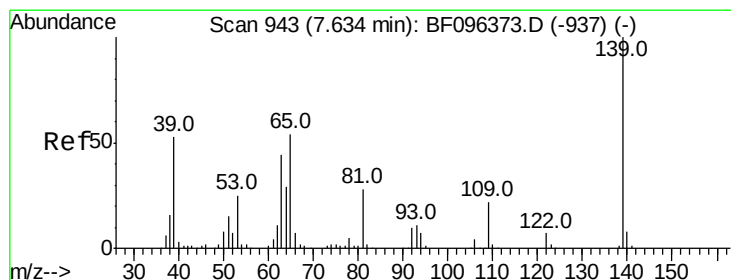
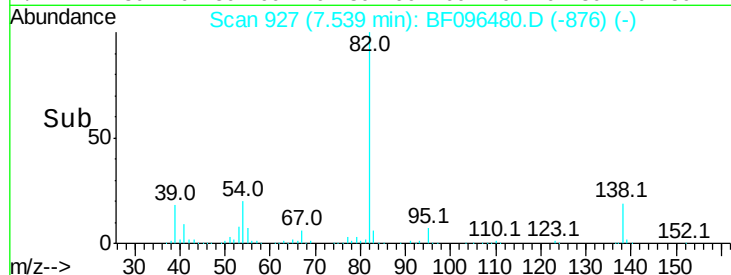
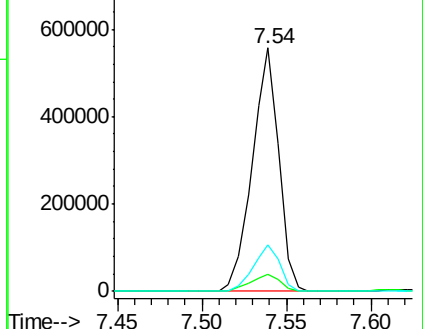
138 19.3 13.1 19.7



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): BF0



#26

2-Nitrophenol

Concen: 39.81 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

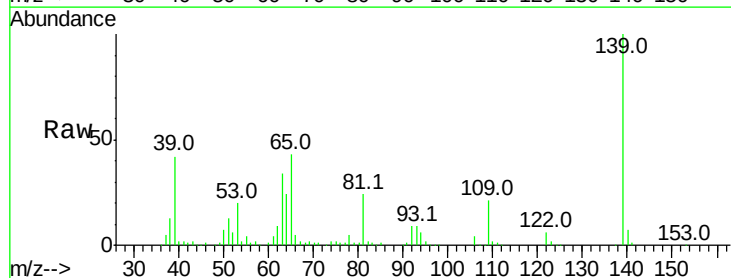
Tgt Ion: 139 Resp: 194038

Ion Ratio Lower Upper

139 100

109 21.1 21.0 31.6

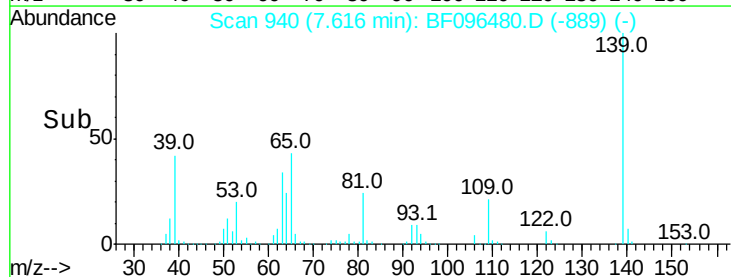
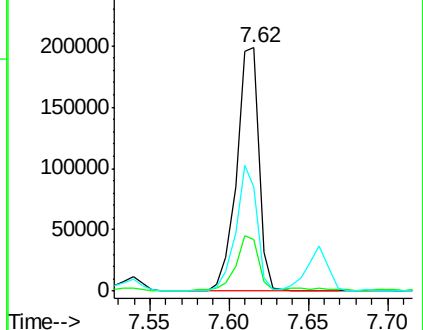
65 43.0 33.0 49.6

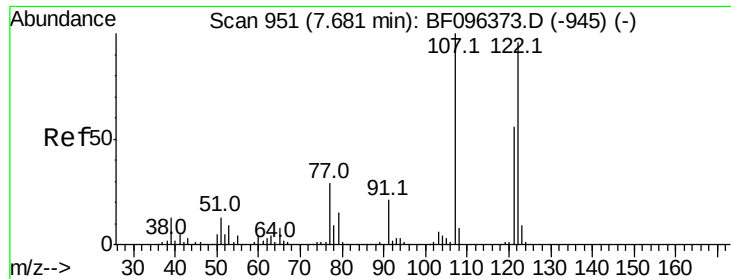


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

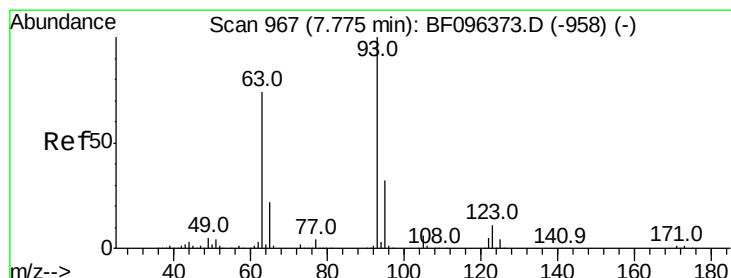
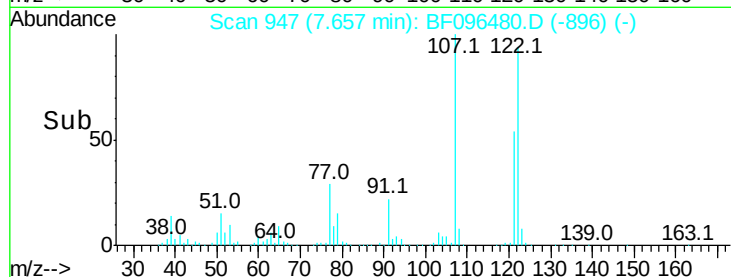
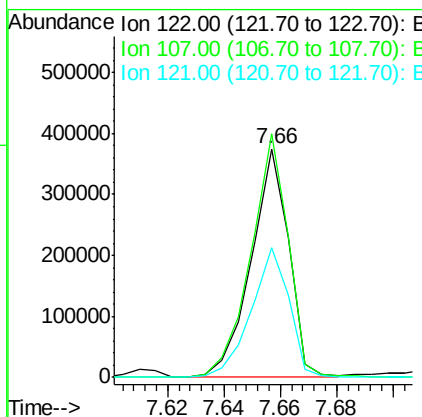
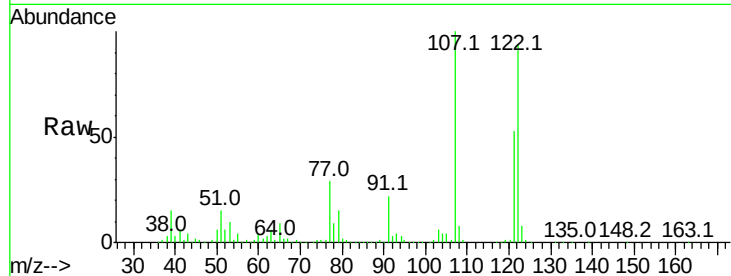




#27
 2,4-Dimethylphenol
 Concen: 41.69 ng
 RT: 7.66 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

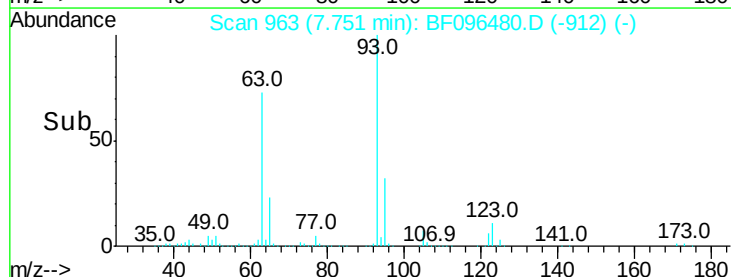
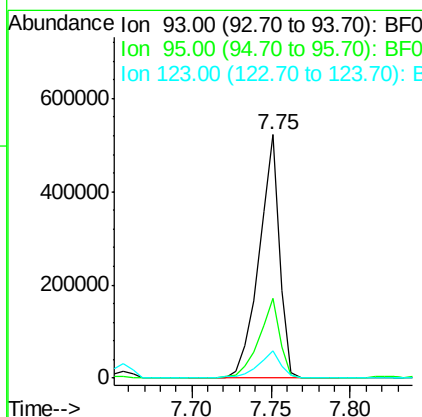
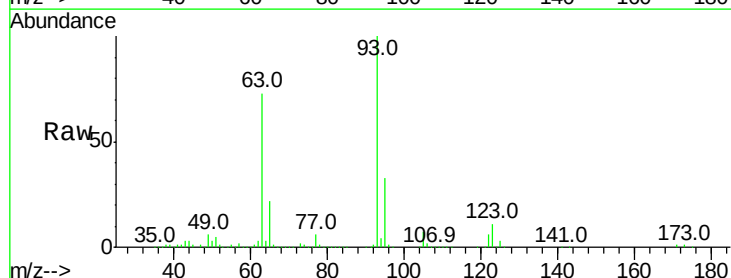
Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MSD

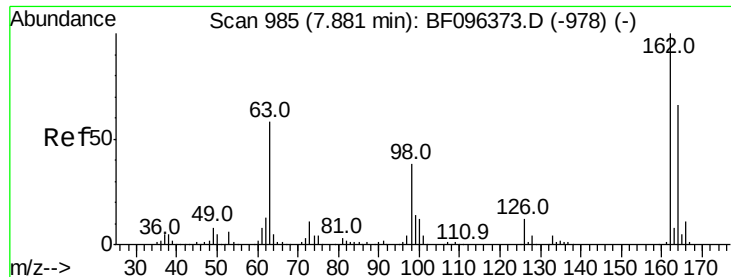
Tot Ion:122 Resp: 346036
 Ion Ratio Lower Upper
 122 100
 107 106.6 89.2 133.8
 121 57.0 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.01 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Tgt Ion: 93 Resp: 472075
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 11.2 9.0 13.4

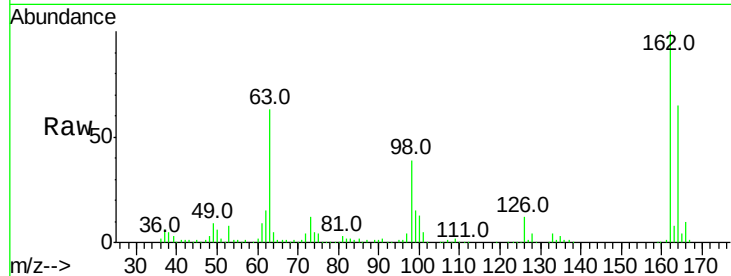




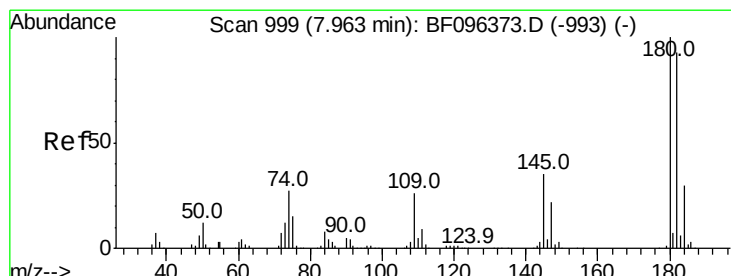
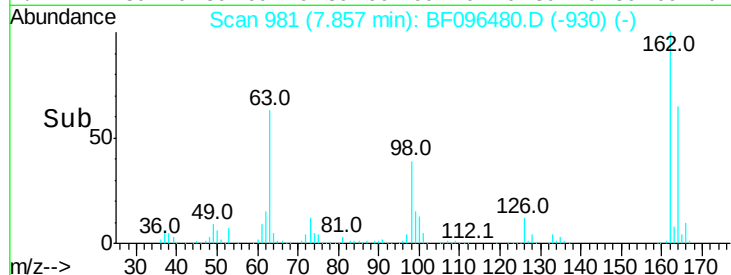
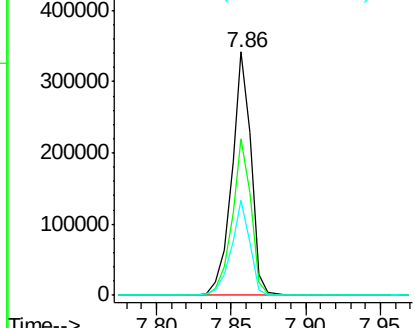
#29
 2,4-Dichlorophenol
 Concen: 43.51 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	39.2	14.8	54.8

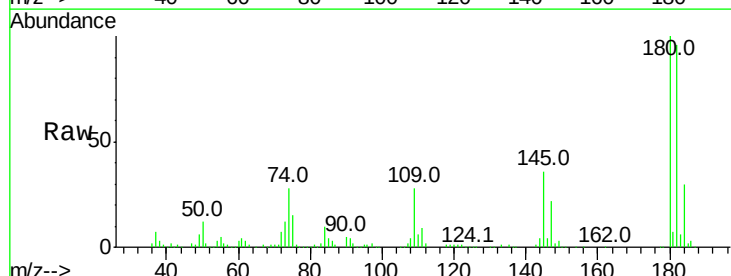


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

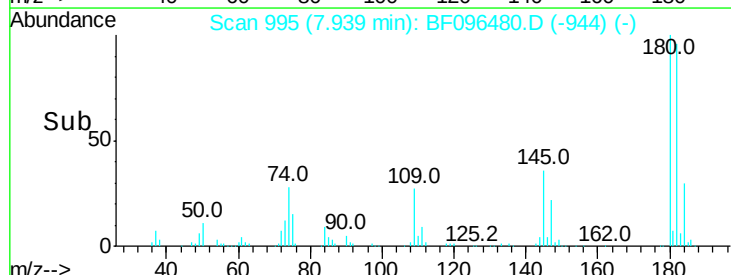
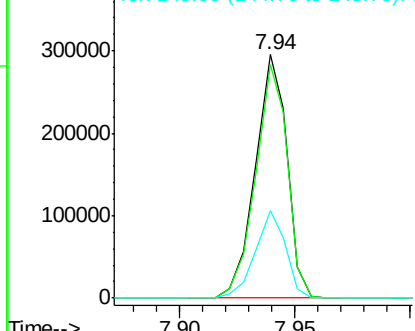


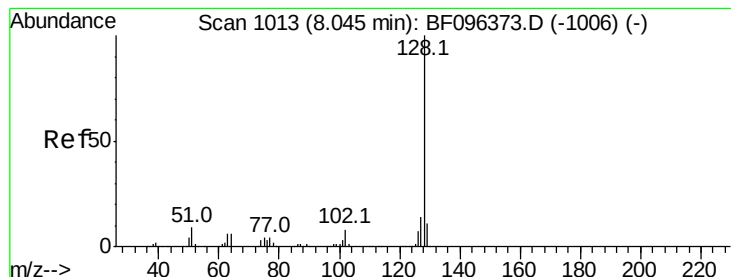
#30
 1,2,4-Trichlorobenzene
 Concen: 41.81 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	35.7	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.44 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

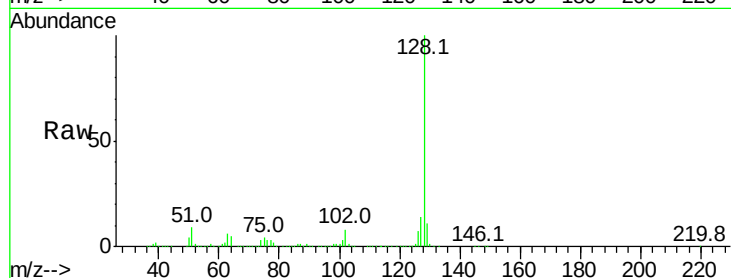
Tot Ion:128 Resp: 1007021

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

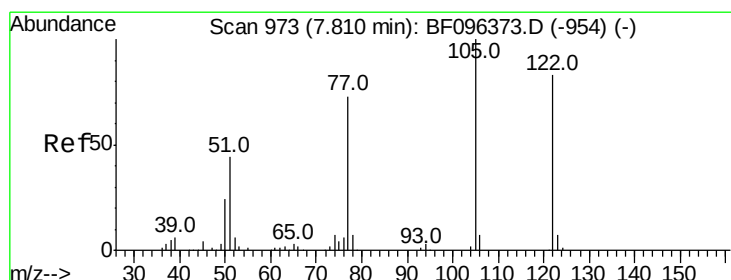
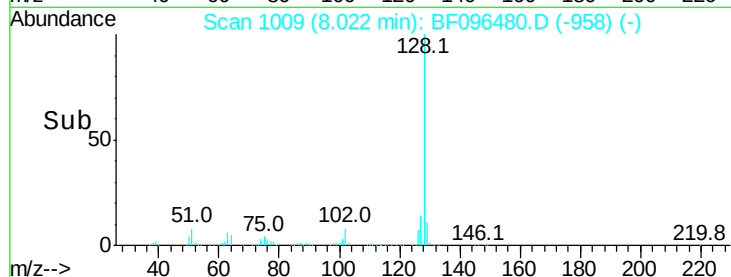
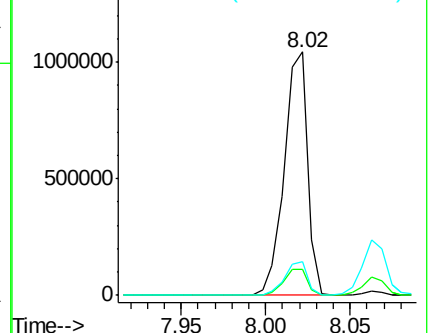
127 13.6 10.8 16.2



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: 15.60 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.04 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

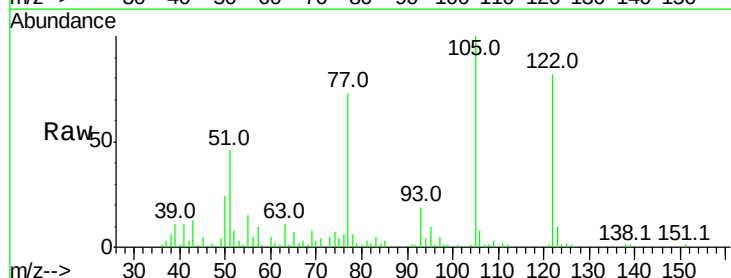
Tgt Ion:122 Resp: 108756

Ion Ratio Lower Upper

122 100

105 122.1 103.3 143.3

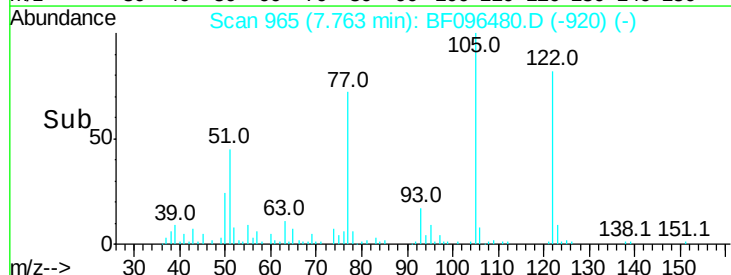
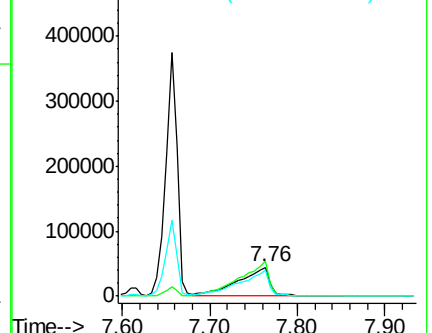
77 89.0 73.7 113.7

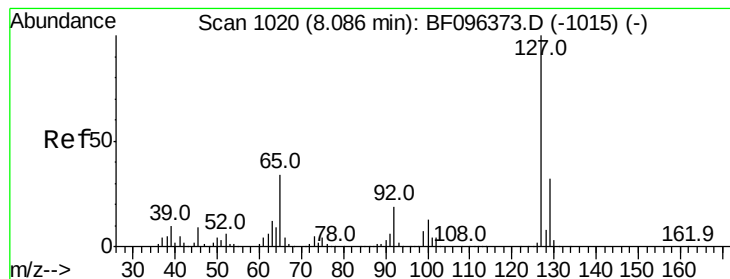


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 23.13 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

Tot Ion:127 Resp: 239226

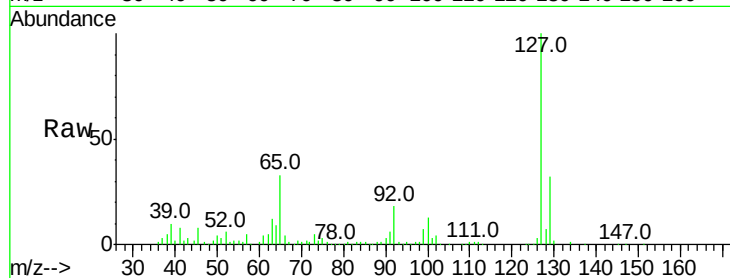
Ion Ratio Lower Upper

127 100

129 31.8 26.2 39.2

65 33.0 27.8 41.8

92 18.5 16.8 25.2

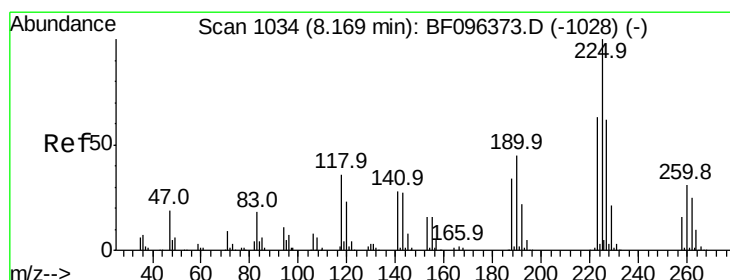
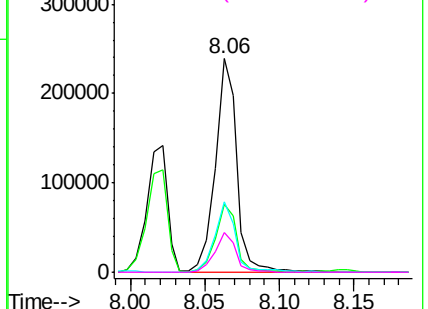
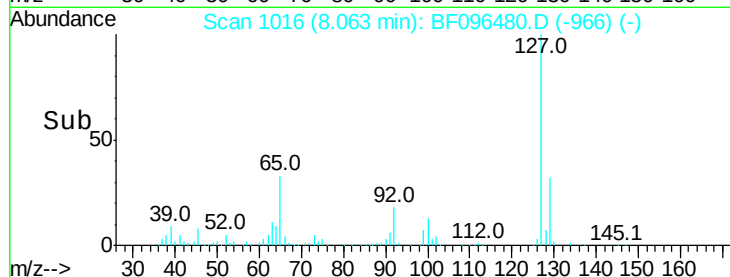


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.99 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

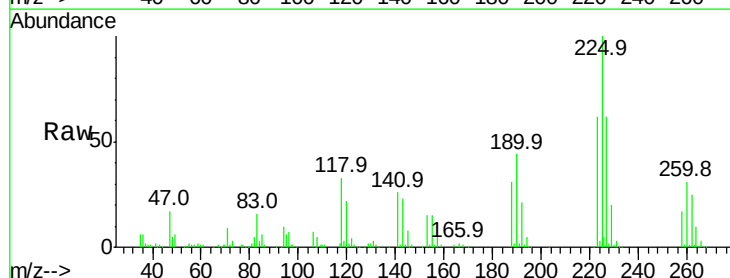
Tgt Ion:225 Resp: 145490

Ion Ratio Lower Upper

225 100

223 61.6 48.8 73.2

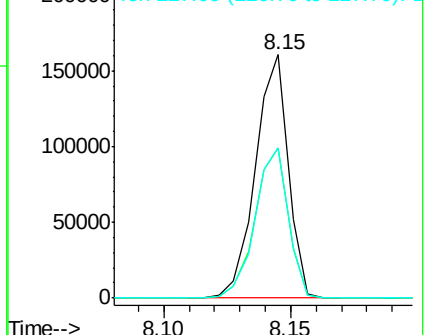
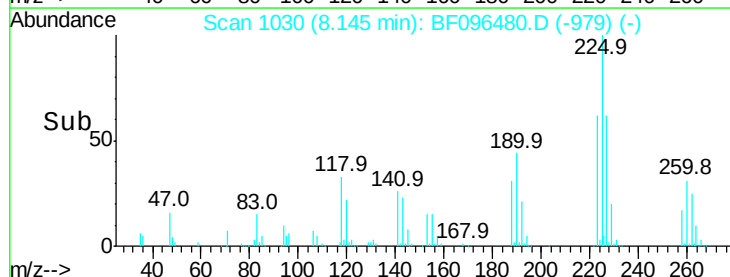
227 61.8 51.1 76.7

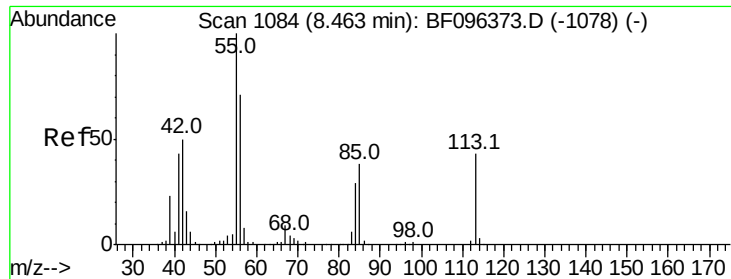


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

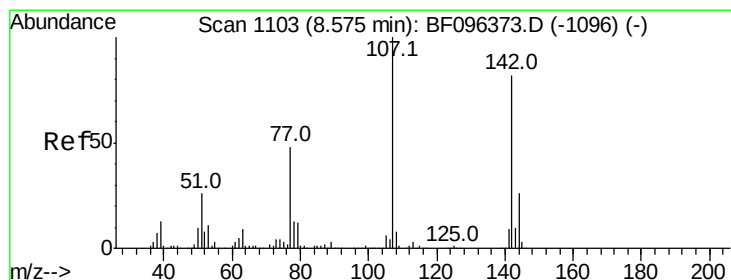
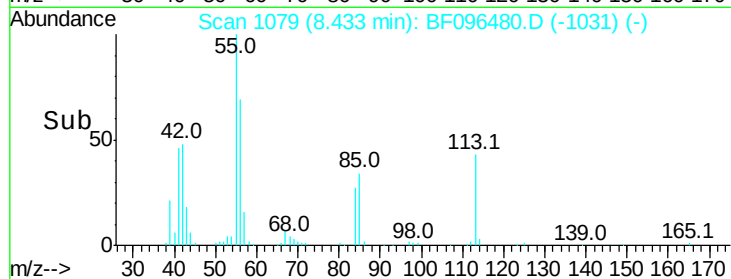
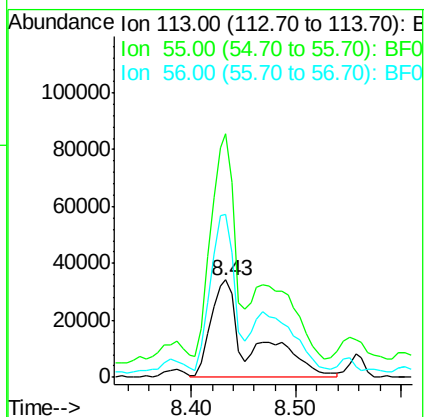
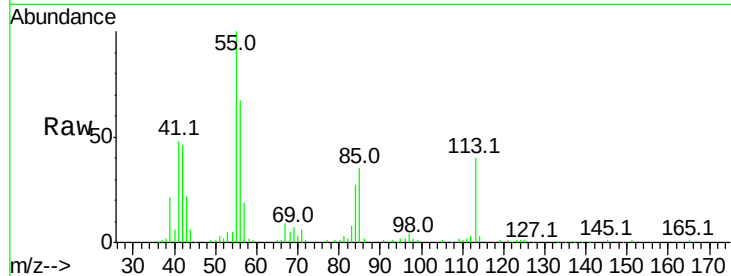




#35
 Caprolactam
 Concen: 37.74 ng/ml
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

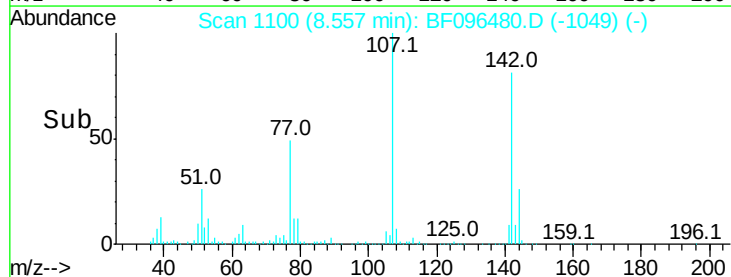
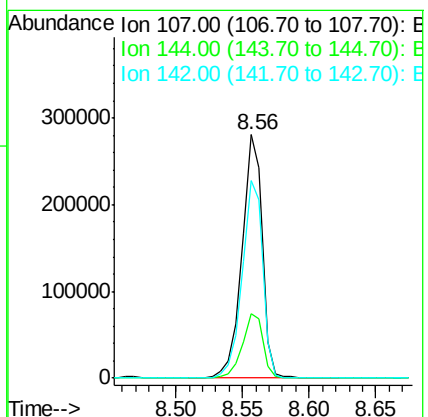
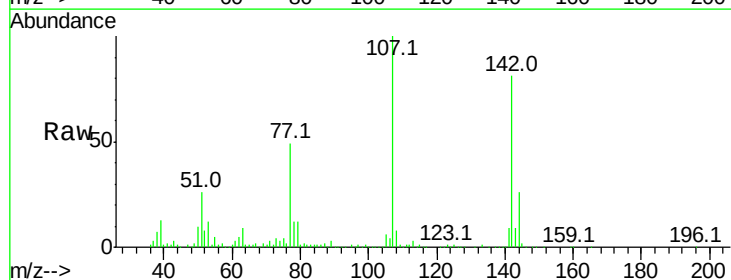
Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MSD

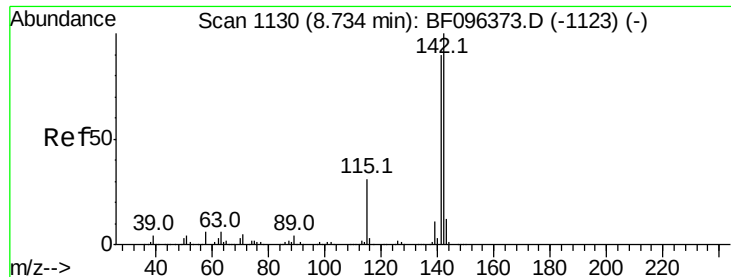
Tot Ion:113 Resp: 93200
 Ion Ratio Lower Upper
 113 100
 55 249.3 150.2 190.2#
 56 167.4 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 37.34 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Tgt Ion:107 Resp: 295874
 Ion Ratio Lower Upper
 107 100
 144 26.4 24.2 36.4
 142 81.2 73.4 110.0

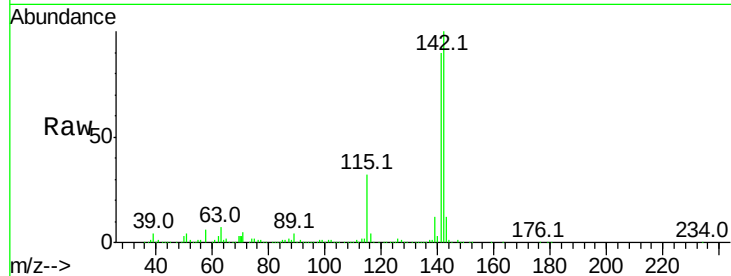




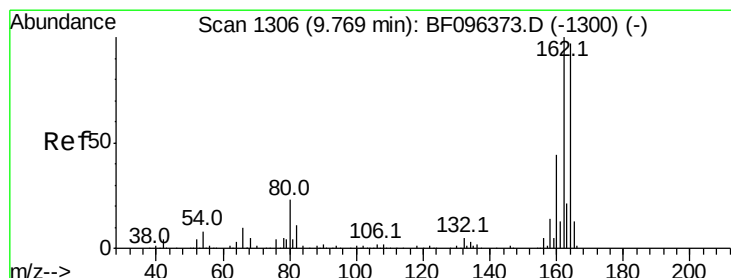
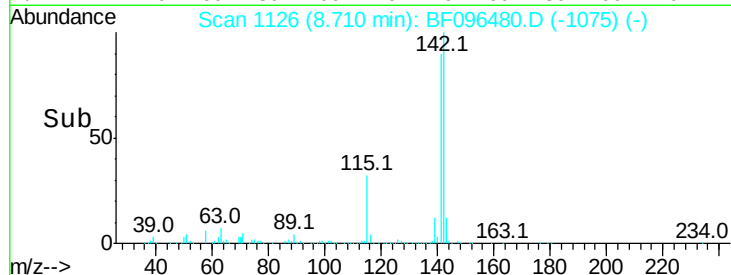
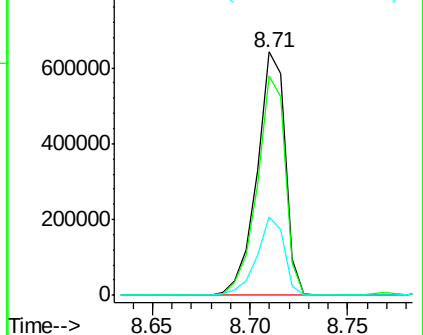
#37
2-Methylnaphthalene
Concen: 40.61 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Instrument :
BNA_F
ClientSampleId :
B8-12-14MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.3	106.9
115	32.2	27.1	40.7

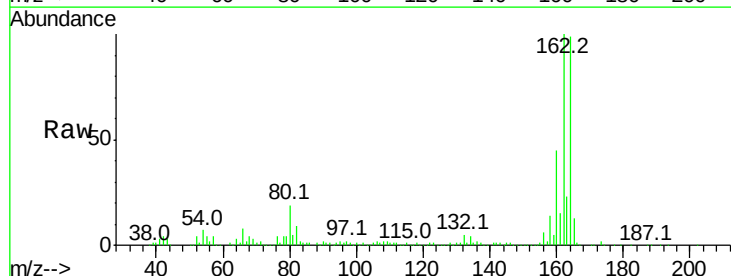


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

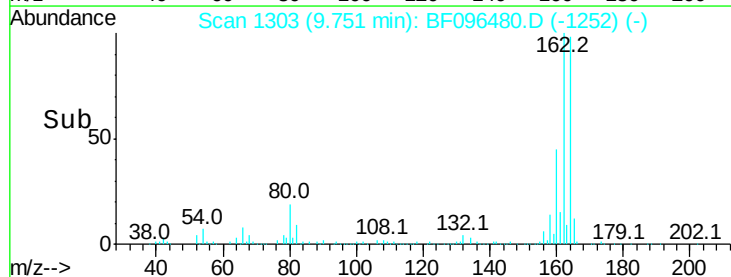
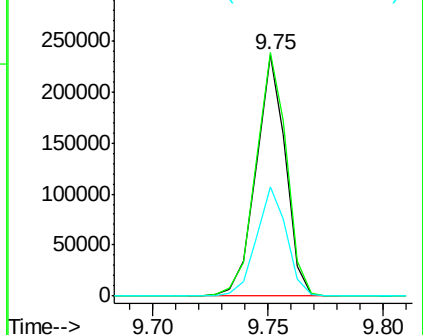


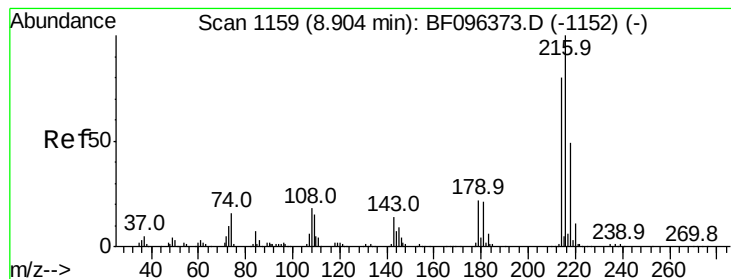
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	45.4	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.32 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

Tot Ion:216 Resp: 225591

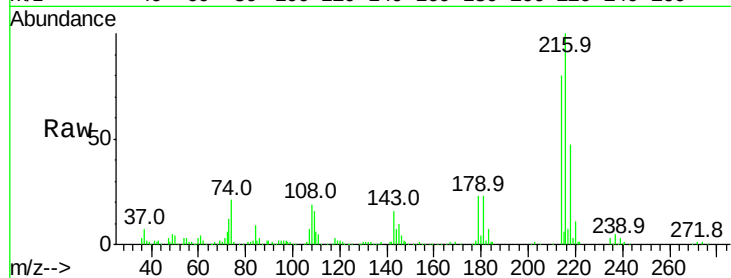
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 23.4 17.9 26.9

108 21.1 16.5 24.7

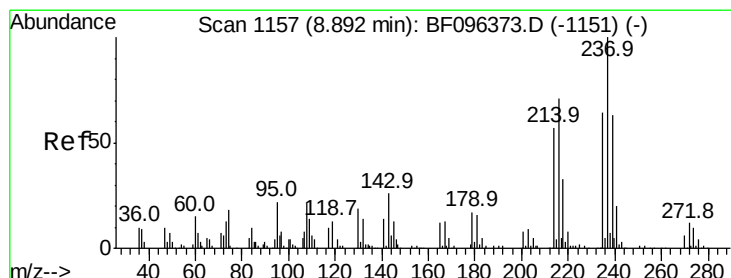
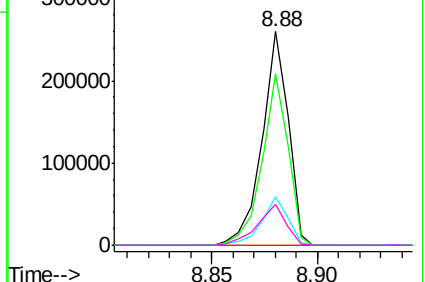
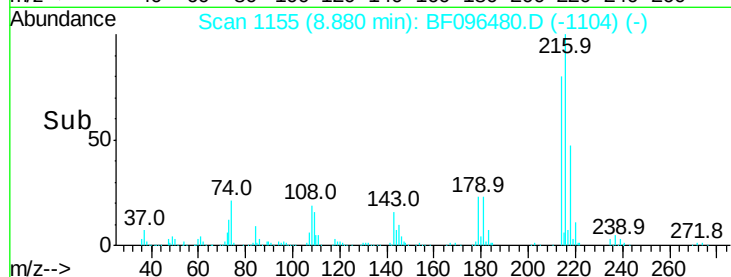


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.19 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

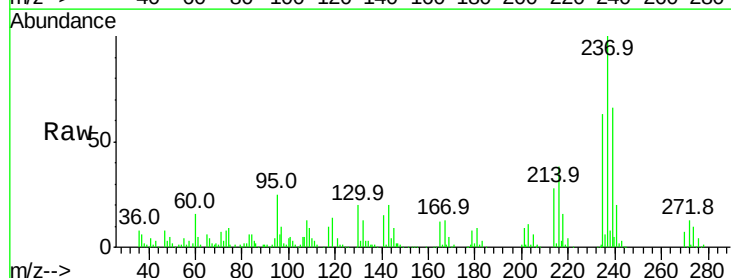
Tgt Ion:237 Resp: 114679

Ion Ratio Lower Upper

237 100

235 62.7 42.6 82.6

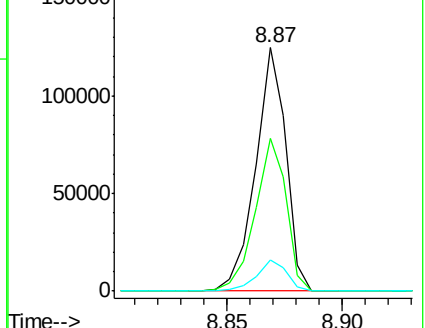
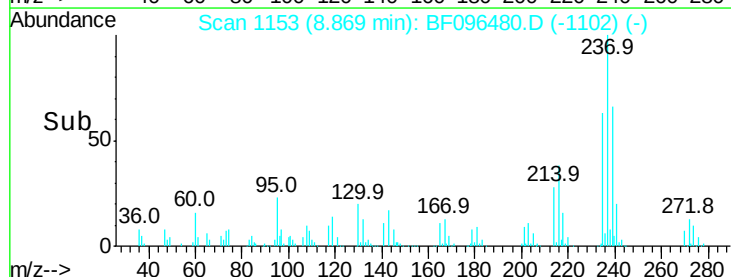
272 12.7 0.0 31.9

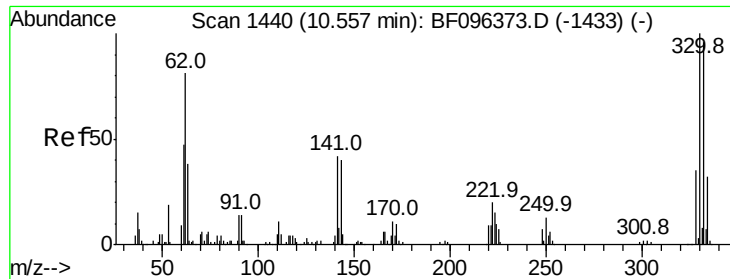


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

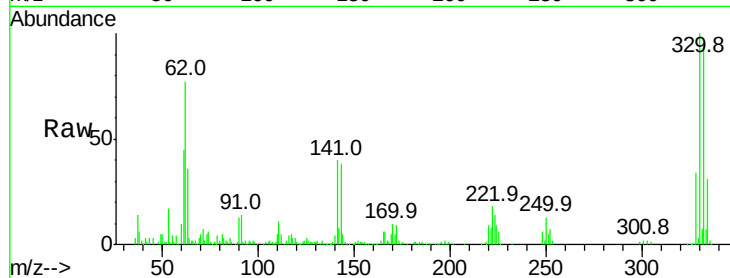




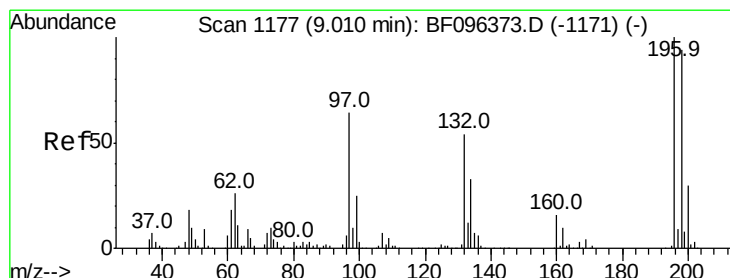
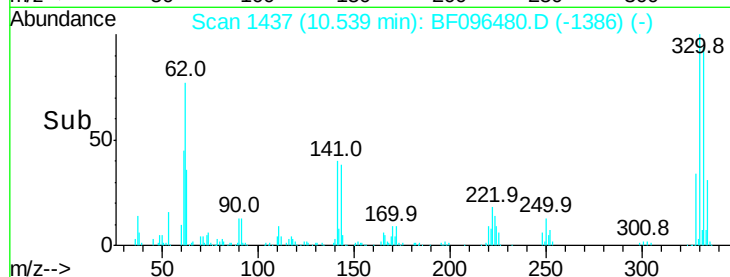
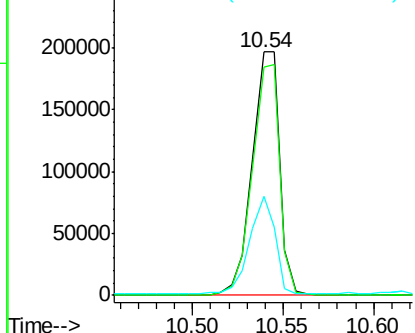
#41
 2,4,6-Tribromophenol
 Concen: 126.64 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MSD

Tot Ion:330 Resp: 208024
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 115.0
 141 37.5 31.4 47.2

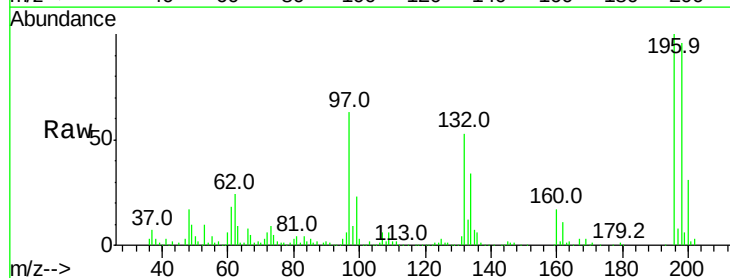


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

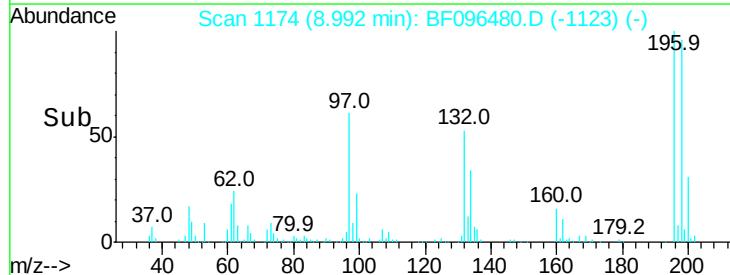
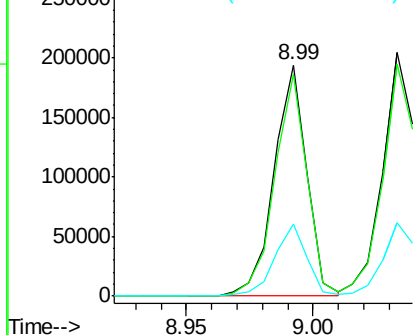


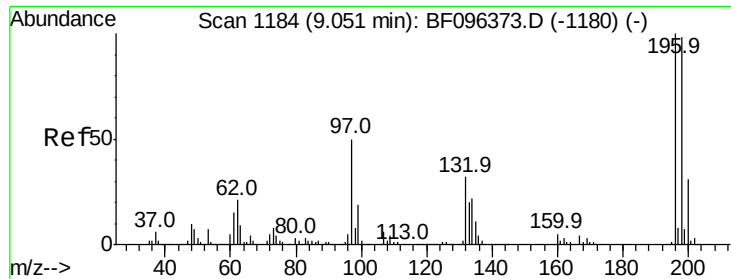
#42
 2,4,6-Trichlorophenol
 Concen: 40.49 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Tgt Ion:196 Resp: 174899
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.2 111.4
 200 31.1 24.0 36.0



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

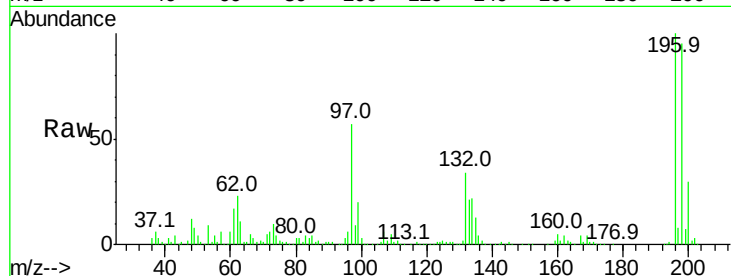




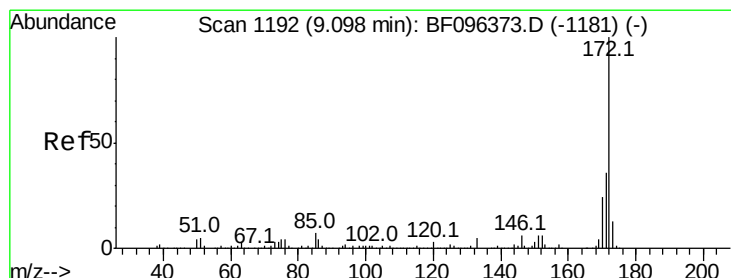
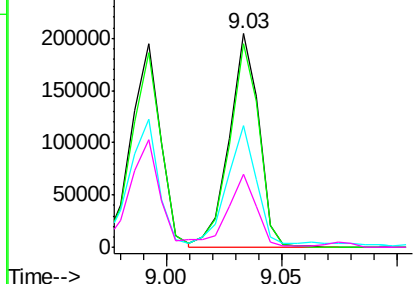
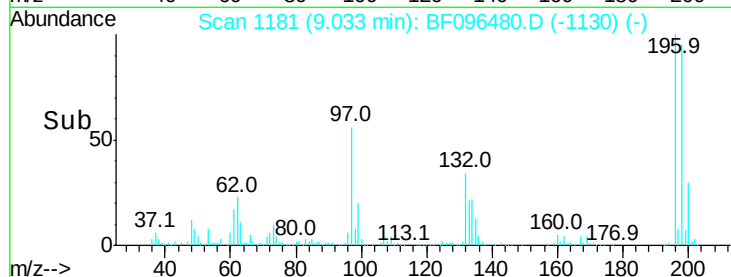
#43
 2,4,5-Trichlorophenol
 Concen: 42.74 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MSD

Tot Ion:196 Resp: 182552
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 97 57.2 47.7 71.5
 132 34.4 28.0 42.0

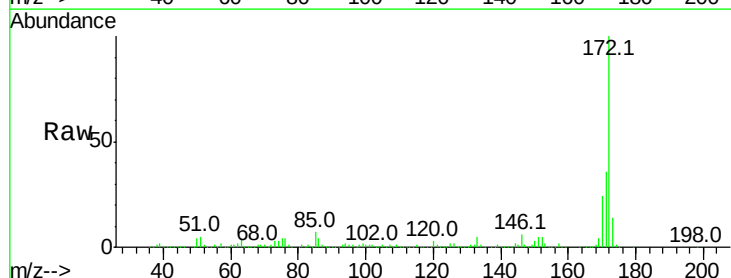


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

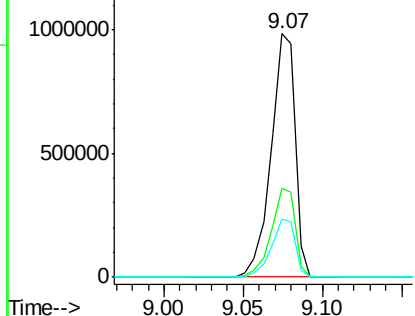
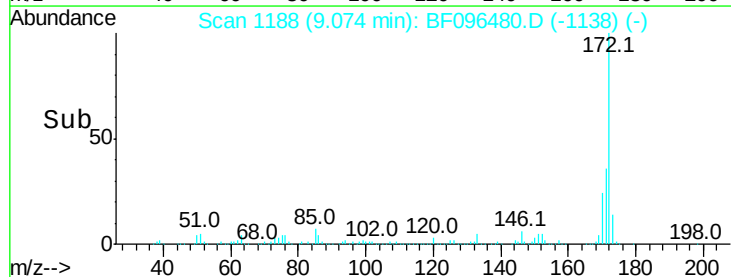


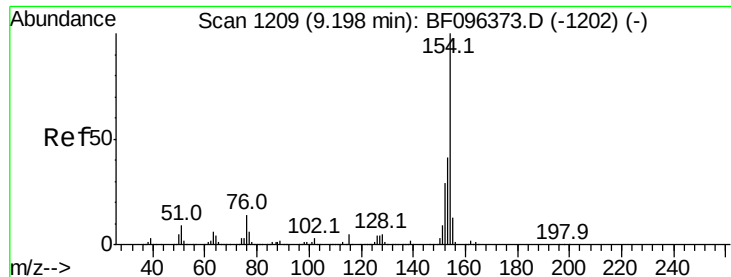
#44
 2-Fluorobiphenyl
 Concen: 84.79 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Tgt Ion:172 Resp: 1042881
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.1 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

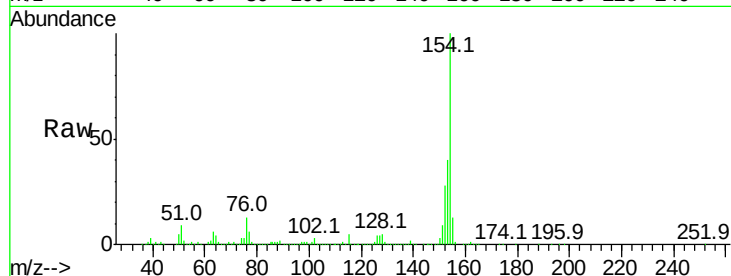




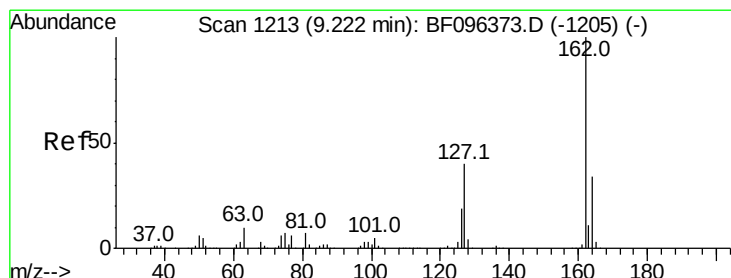
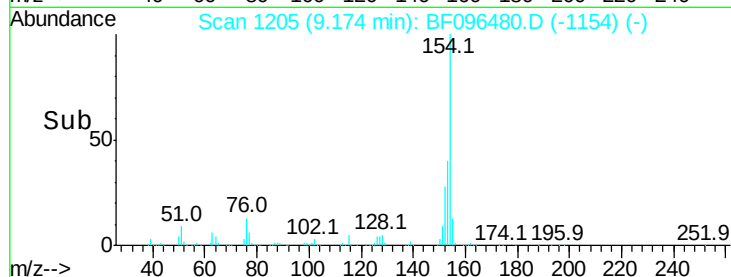
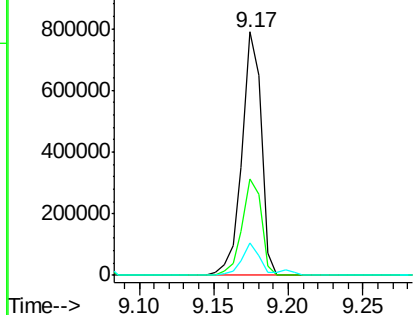
#45
 1,1'-Biphenyl
 Concen: 39.28 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MSD

Tot Ion:154 Resp: 707729
 Ion Ratio Lower Upper
 154 100
 153 39.6 21.2 61.2
 76 13.1 0.0 29.9

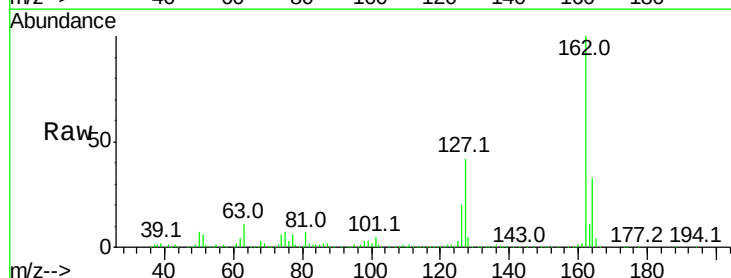


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

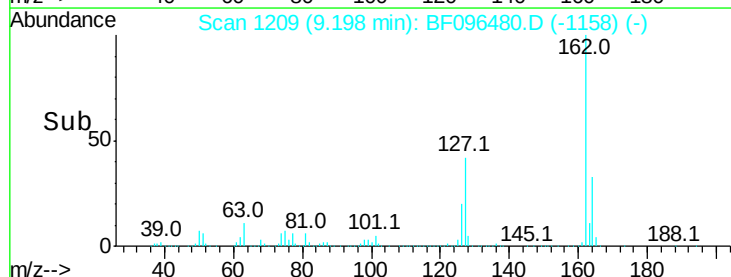
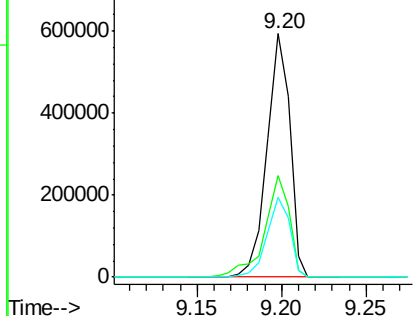


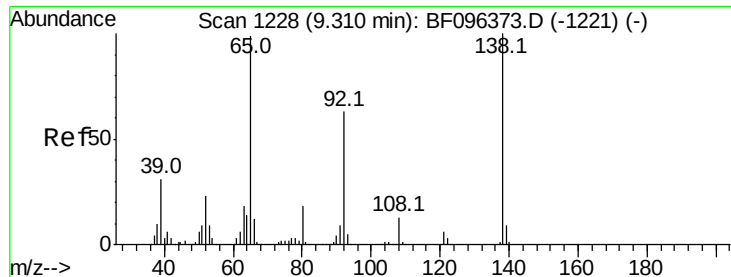
#46
 2-Chloronaphthalene
 Concen: 41.54 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Tgt Ion:162 Resp: 557834
 Ion Ratio Lower Upper
 162 100
 127 41.6 28.3 42.5
 164 32.5 27.0 40.4



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





#47

2-Nitroaniline

Concen: 40.82 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

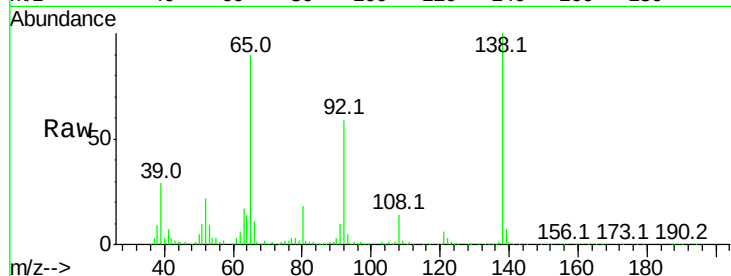
Tot Ion: 65 Resp: 199437

Ion Ratio Lower Upper

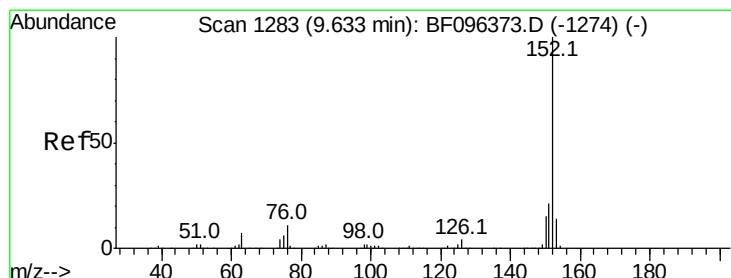
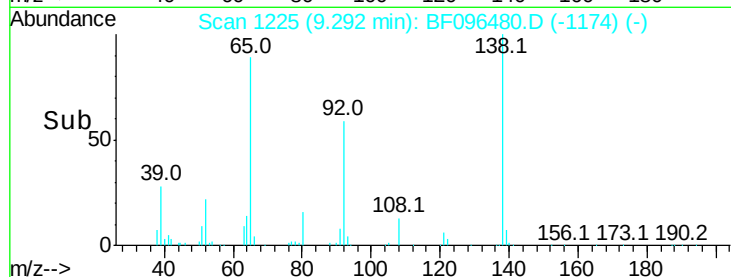
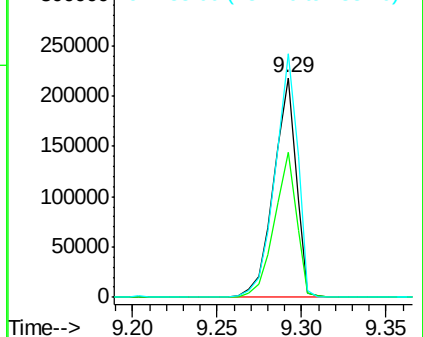
65 100

92 65.9 53.9 80.9

138 110.8 78.8 118.2



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



#48

Acenaphthylene

Concen: 41.35 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

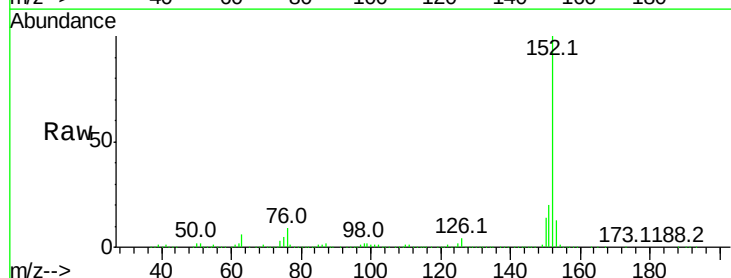
Tgt Ion: 152 Resp: 879828

Ion Ratio Lower Upper

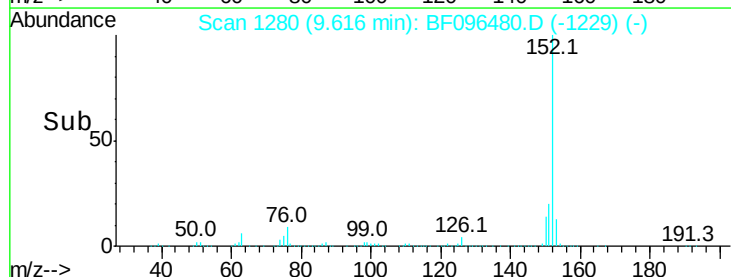
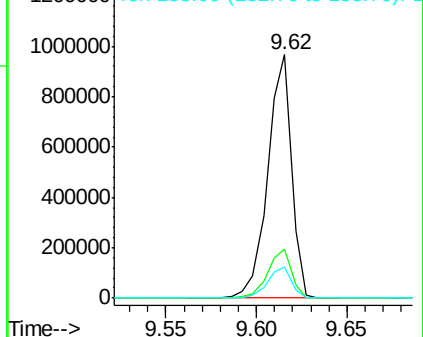
152 100

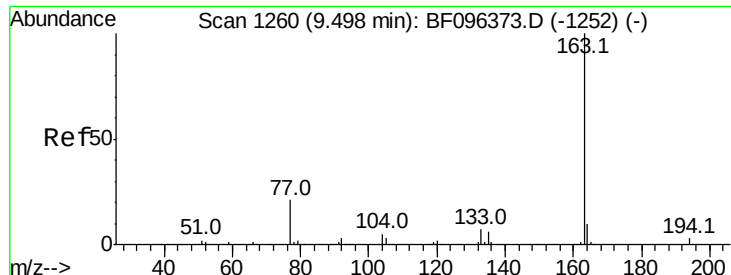
151 20.2 16.8 25.2

153 12.9 10.8 16.2



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

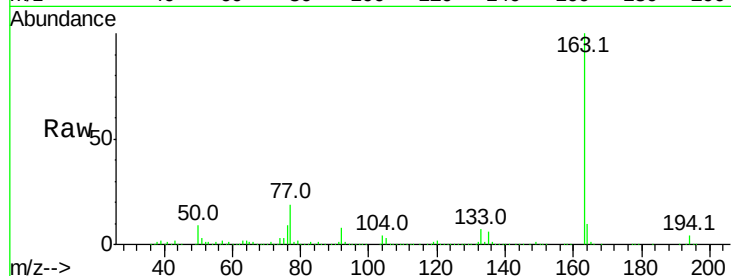




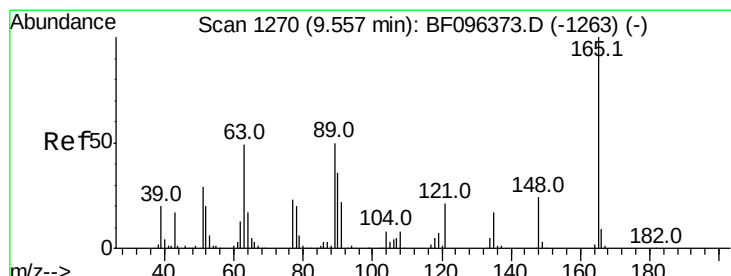
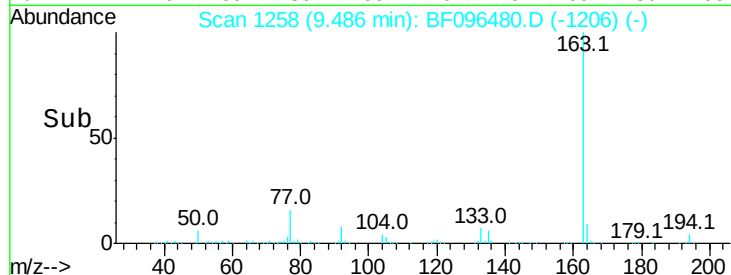
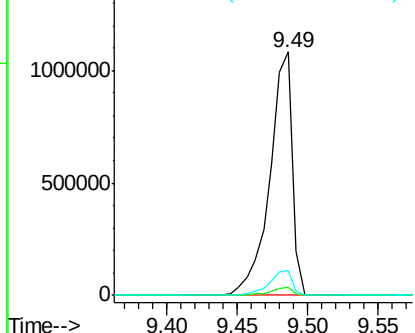
#49
Dimethylphthalate
Concen: 77.16 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Instrument :
BNA_F
ClientSampleId :
B8-12-14MSD

Tot Ion:163 Resp: 1211210
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6

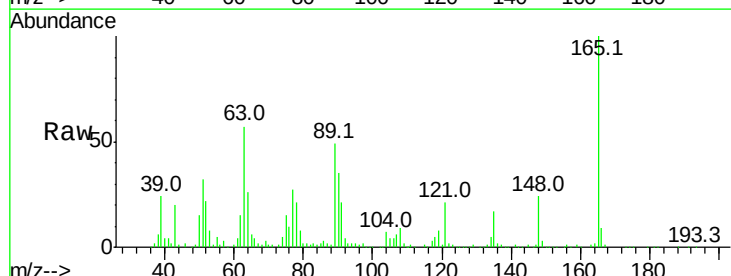


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

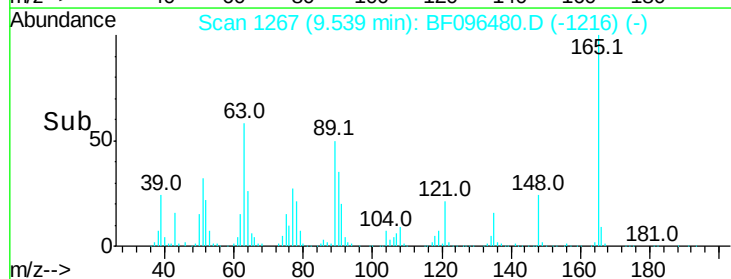
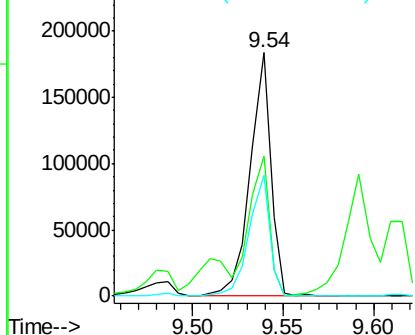


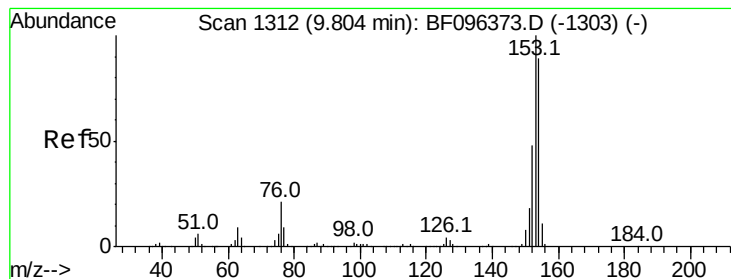
#50
2,6-Dinitrotoluene
Concen: 42.16 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Tgt Ion:165 Resp: 146359
Ion Ratio Lower Upper
165 100
63 57.5 34.3 51.5#
89 49.4 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: 40.24 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

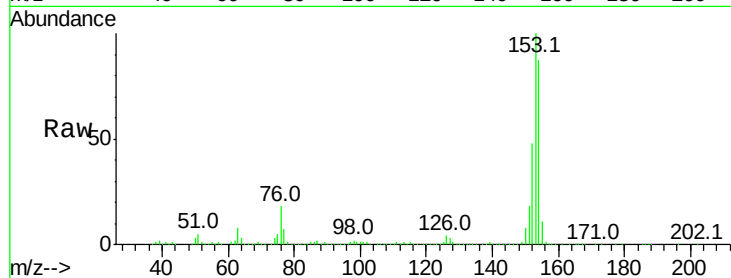
Tot Ion:154 Resp: 527716

Ion Ratio Lower Upper

154 100

153 114.9 90.5 135.7

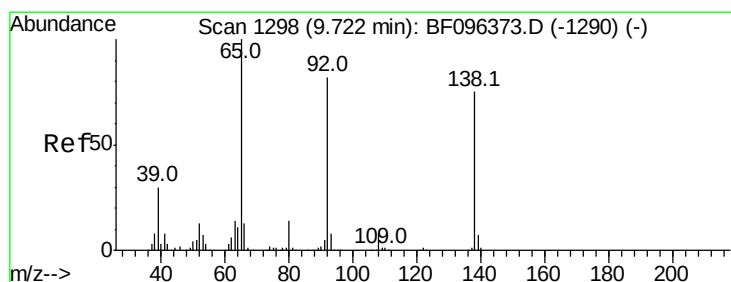
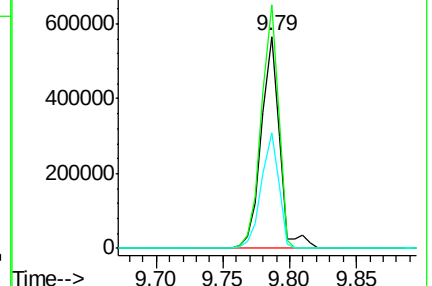
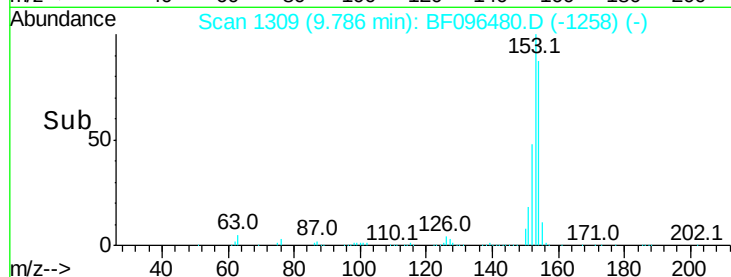
152 54.7 43.6 65.4



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: 30.97 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

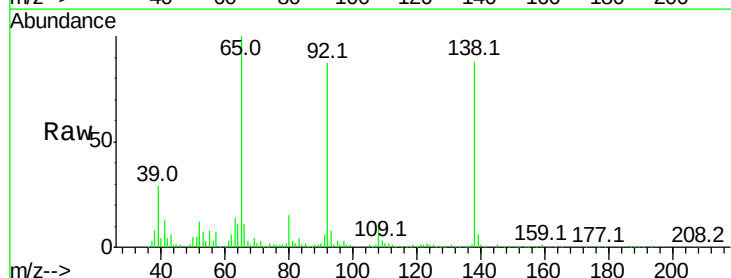
Tgt Ion:138 Resp: 134098

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

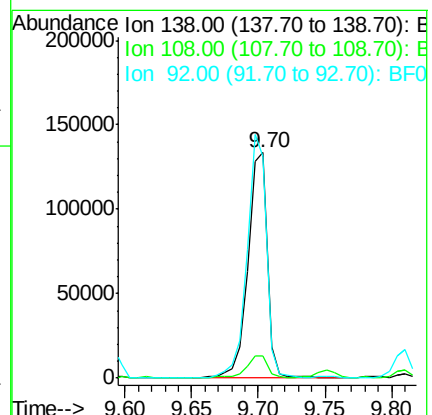
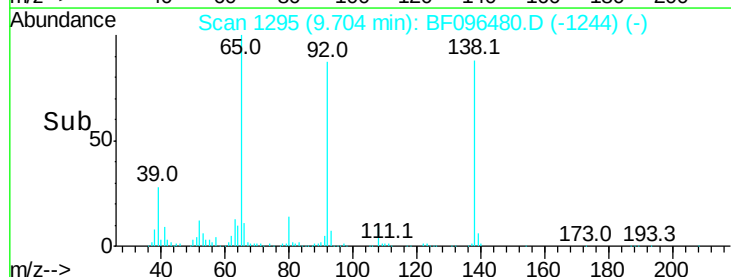
92 98.7 93.8 140.6

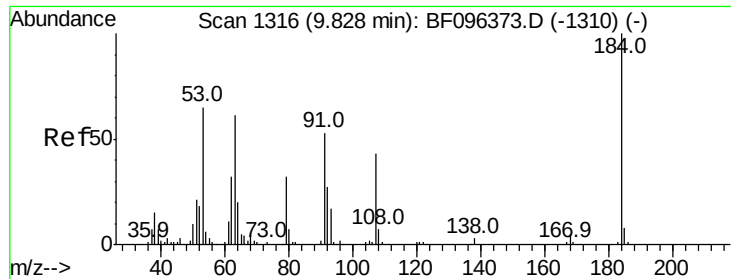


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

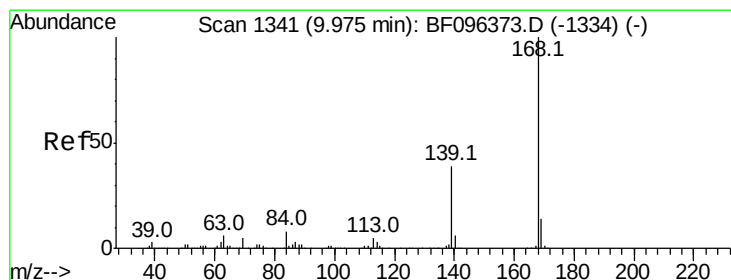
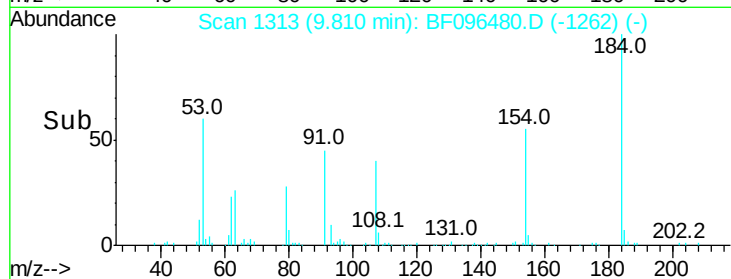
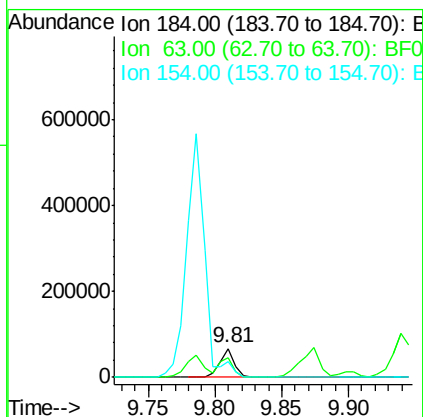
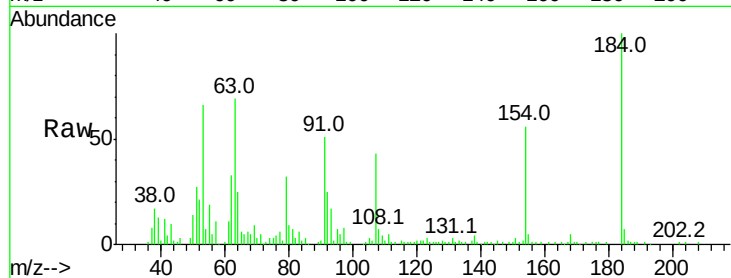




#53
2,4-Dinitrophenol
Concen: 28.76 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

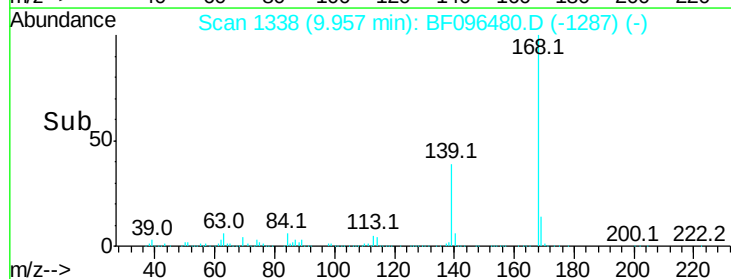
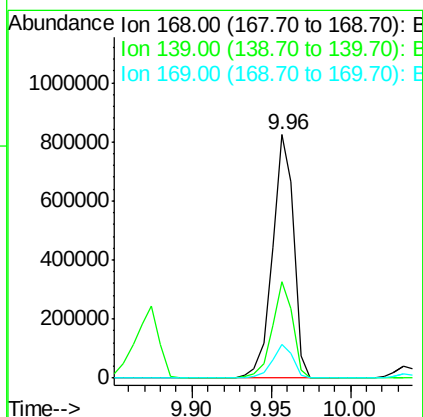
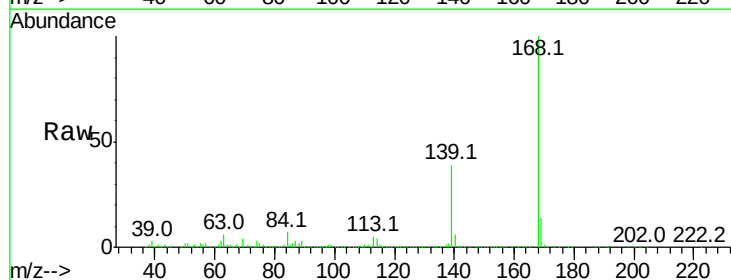
Instrument :
BNA_F
ClientSampleId :
B8-12-14MSD

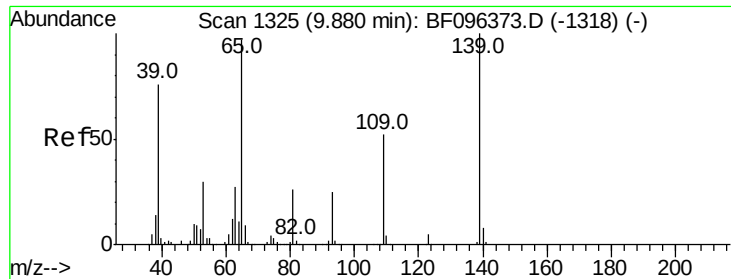
Tot Ion:184 Resp: 53029
Ion Ratio Lower Upper
184 100
63 69.2 62.7 94.1
154 55.7 81.1 121.7#



#54
Dibenzofuran
Concen: 44.21 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Tgt Ion:168 Resp: 765547
Ion Ratio Lower Upper
168 100
139 39.5 30.6 45.8
169 14.0 10.8 16.2

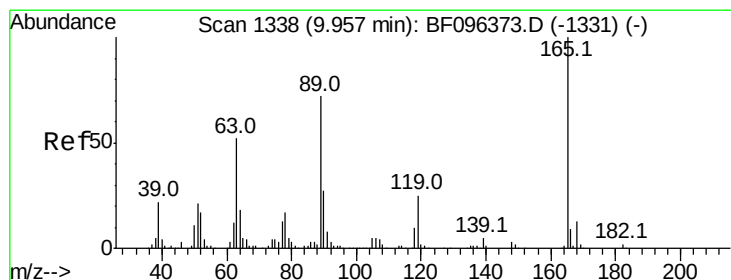
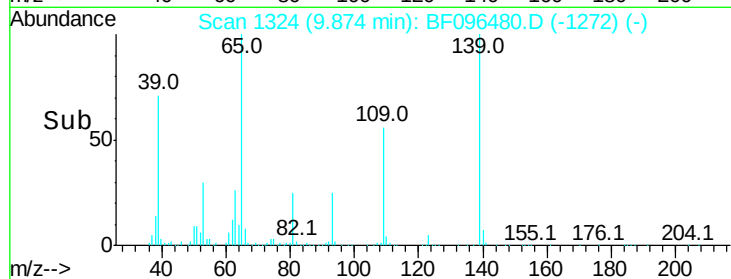
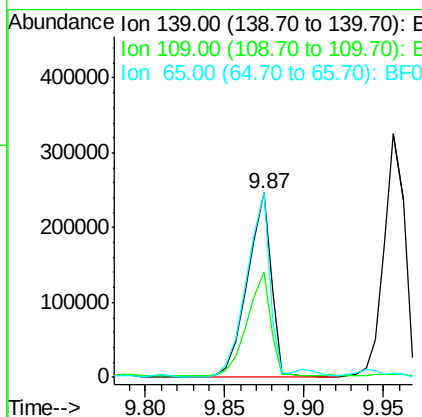
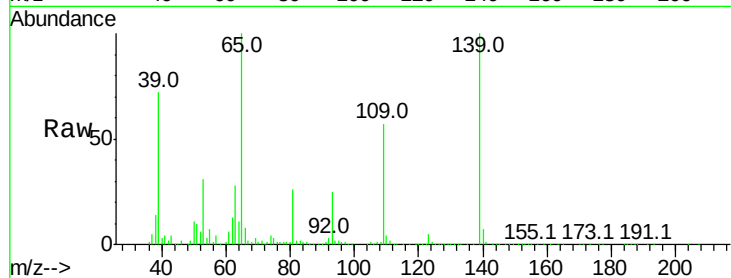




#55
4-Nitrophenol
Concen: 71.85 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

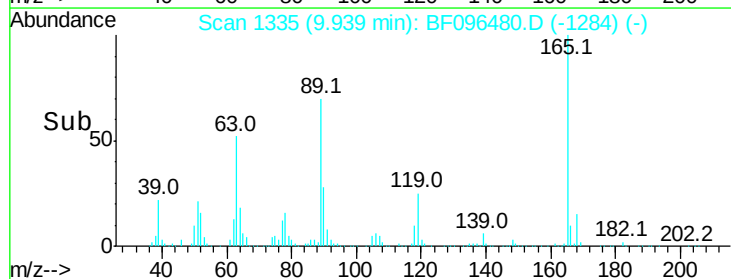
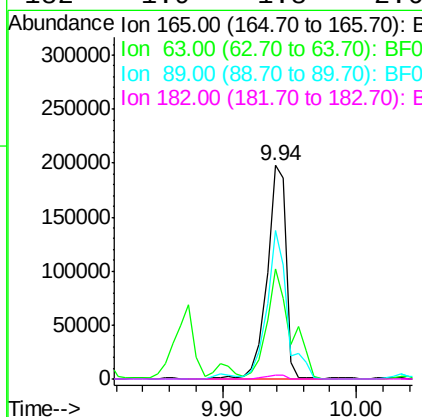
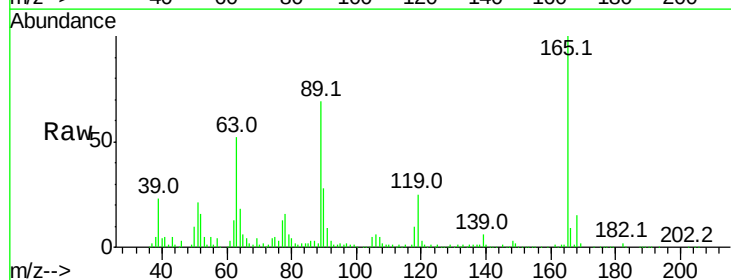
Instrument :
BNA_F
ClientSampleId :
B8-12-14MSD

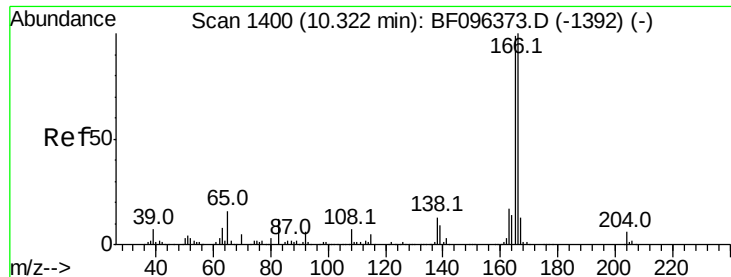
Tot Ion:139 Resp: 257868
Ion Ratio Lower Upper
139 100
109 57.2 34.1 74.1
65 100.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 43.86 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Tgt Ion:165 Resp: 192794
Ion Ratio Lower Upper
165 100
63 51.8 25.4 38.0#
89 69.4 46.4 69.6
182 1.9 1.8 2.6





#57

Fluorene

Concen: 46.22 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

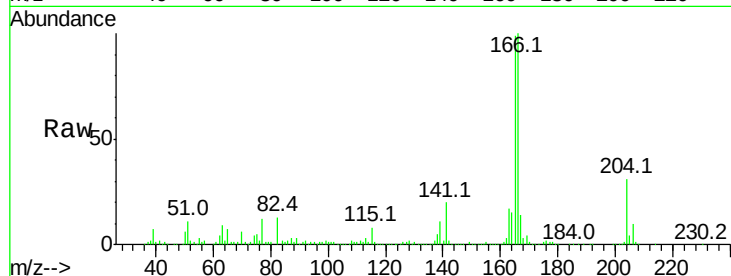
Tot Ion:166 Resp: 565215

Ion Ratio Lower Upper

166 100

165 99.4 78.8 118.2

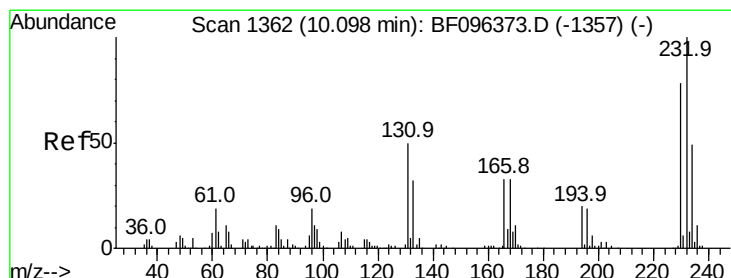
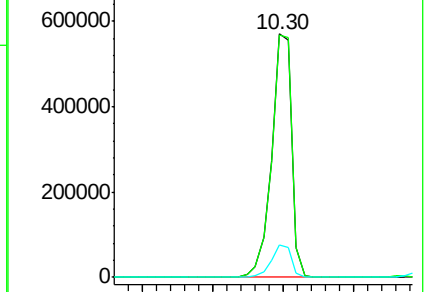
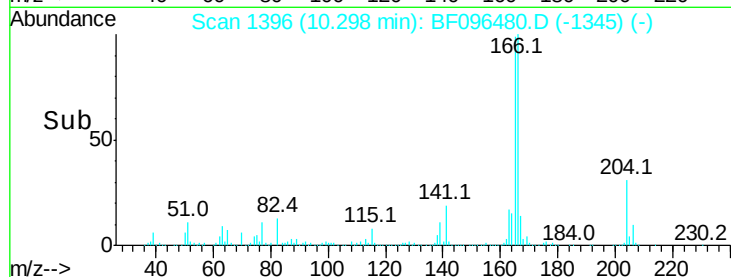
167 13.5 10.6 16.0



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: 45.81 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Tgt Ion:232 Resp: 135351

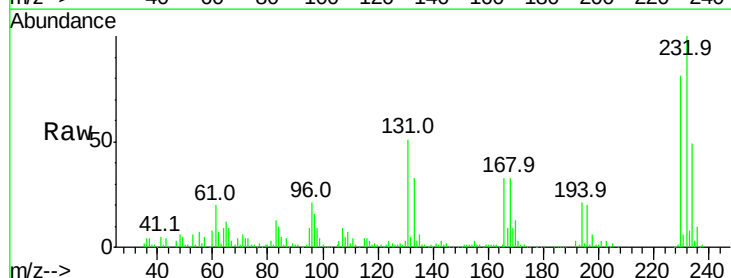
Ion Ratio Lower Upper

232 100

131 53.4 44.8 67.2

130 4.1 2.3 3.5#

166 35.5 29.0 43.4

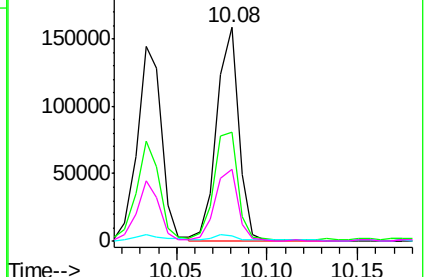
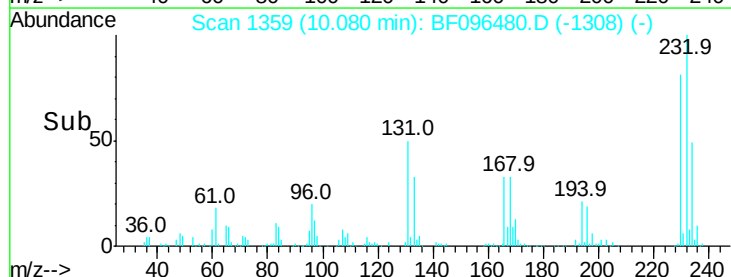


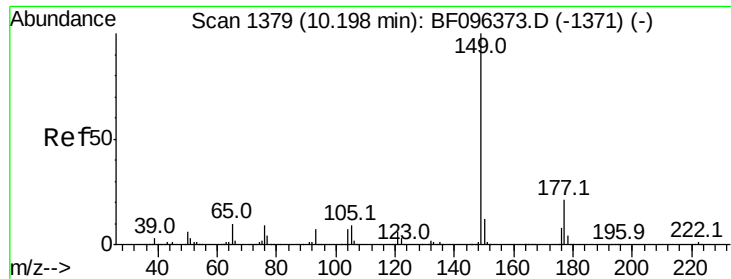
Abundance Ion 232.00 (231.70 to 232.70): E

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

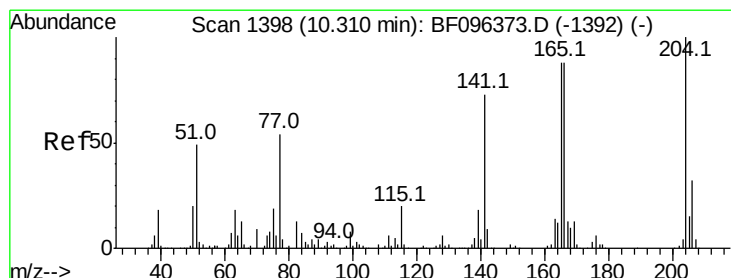
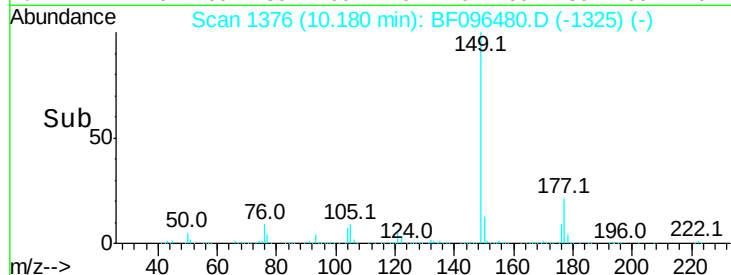
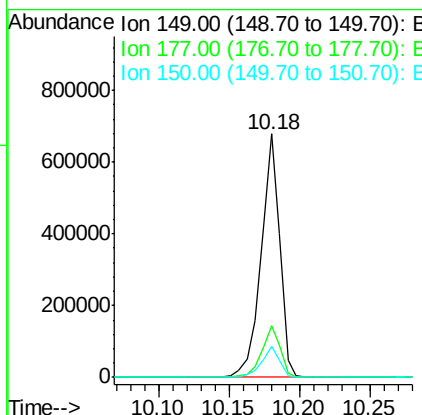
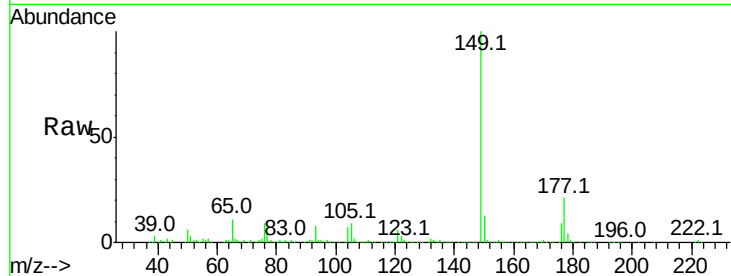




#59
Diethylphthalate
Concen: 42.75 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

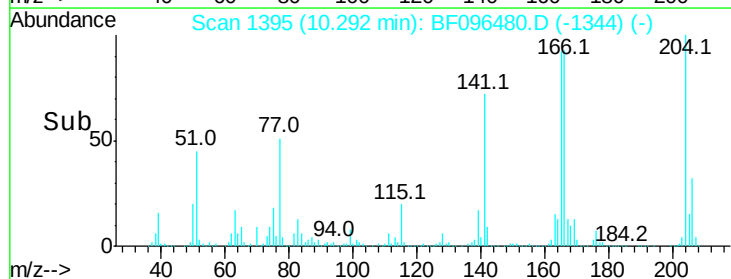
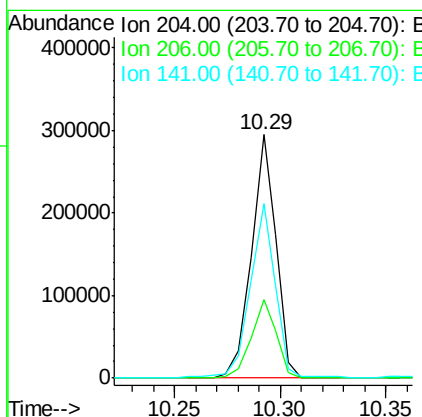
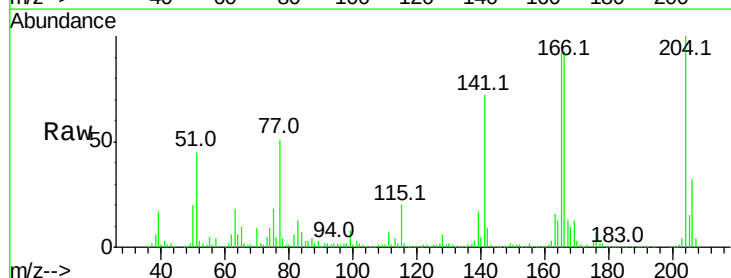
Instrument :
BNA_F
ClientSampleId :
B8-12-14MSD

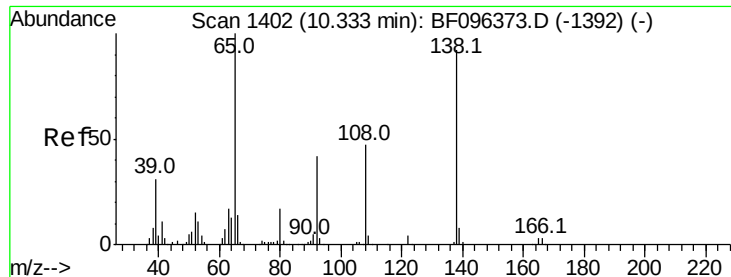
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.6	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.81 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	71.8	60.8	91.2

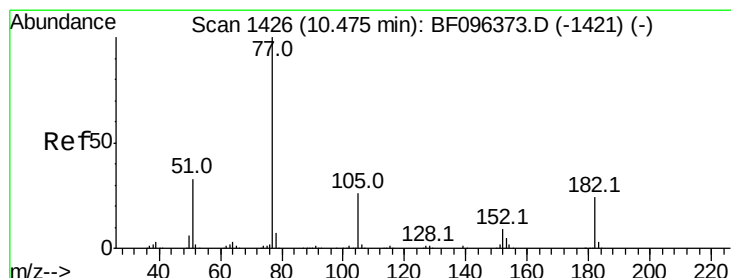
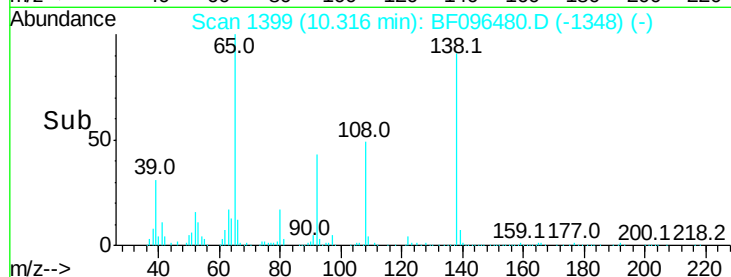
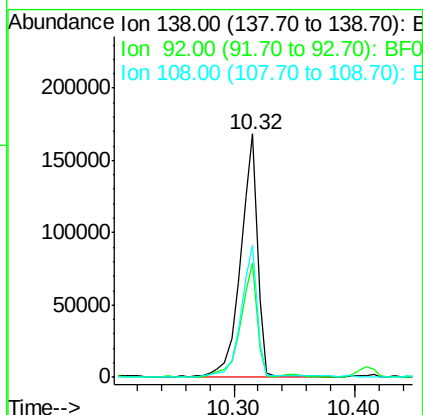
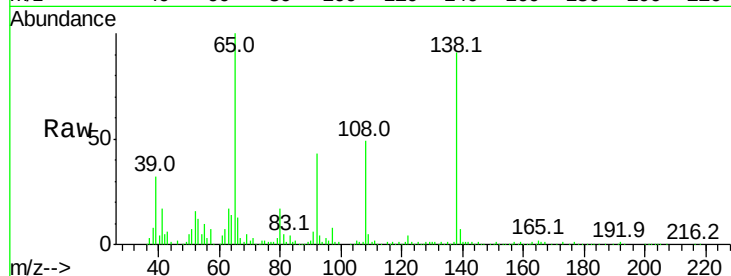




#61
4-Nitroaniline
Concen: 41.28 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

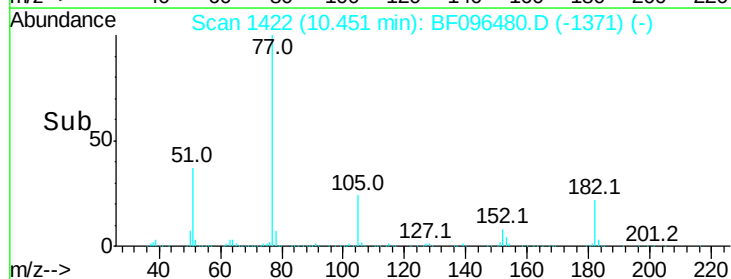
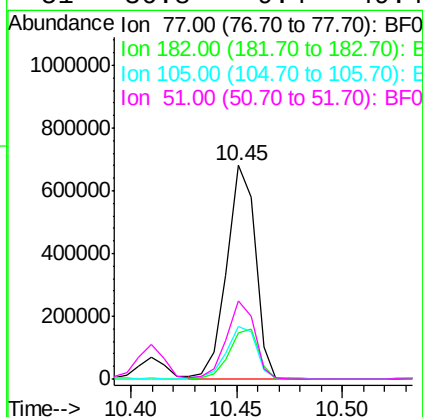
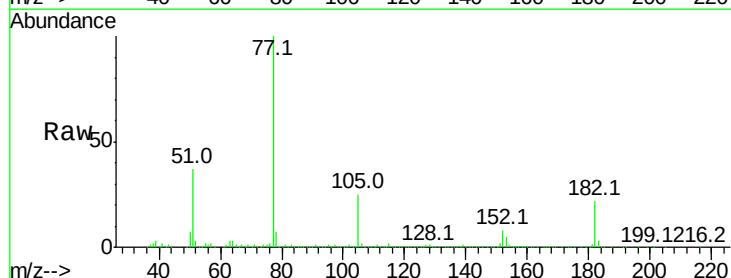
Instrument :
BNA_F
ClientSampleId :
B8-12-14MSD

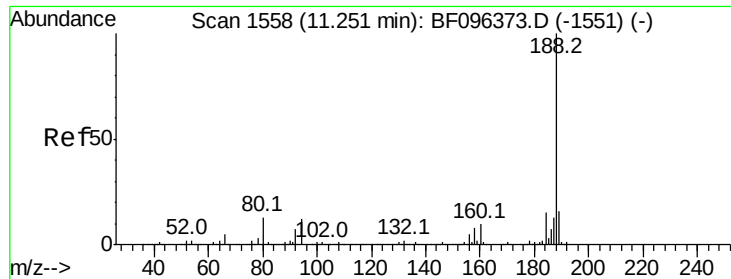
Tot Ion:138 Resp: 162527
Ion Ratio Lower Upper
138 100
92 47.1 21.8 61.8
108 54.5 42.3 82.3



#62
Azobenzene
Concen: 44.27 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Tgt Ion: 77 Resp: 635236
Ion Ratio Lower Upper
77 100
182 21.8 0.1 40.1
105 24.6 3.6 43.6
51 36.8 9.4 49.4

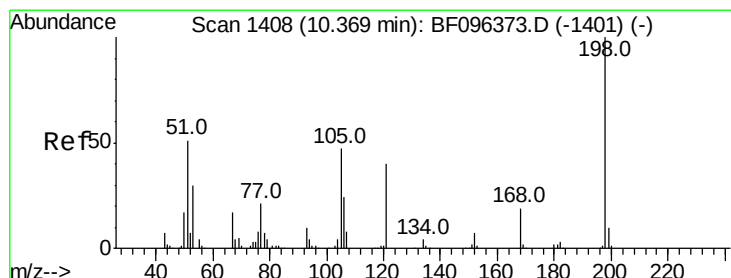
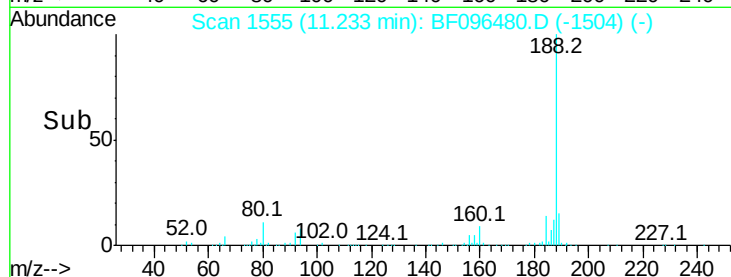
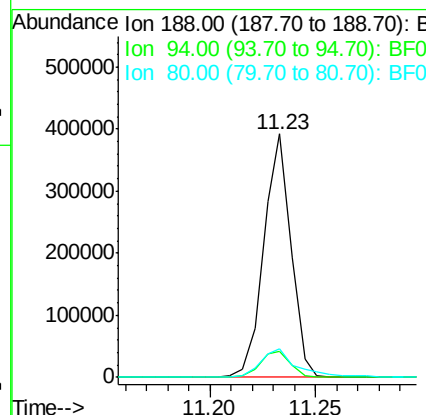
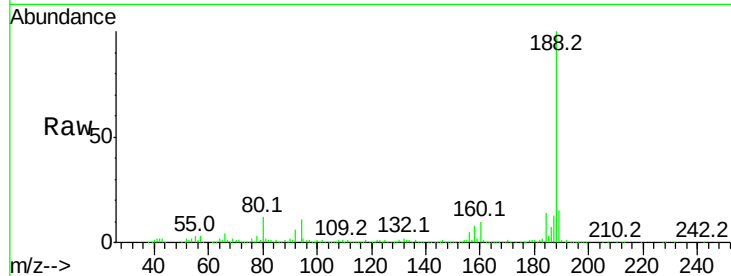




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

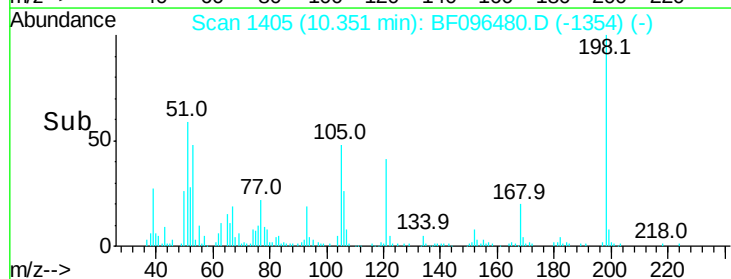
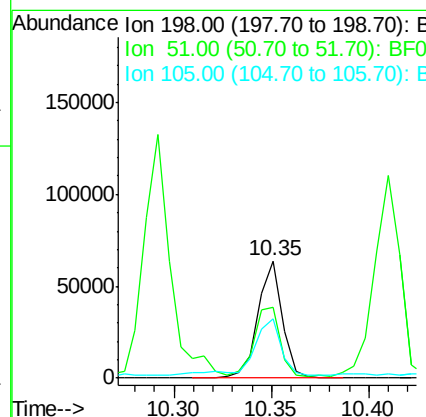
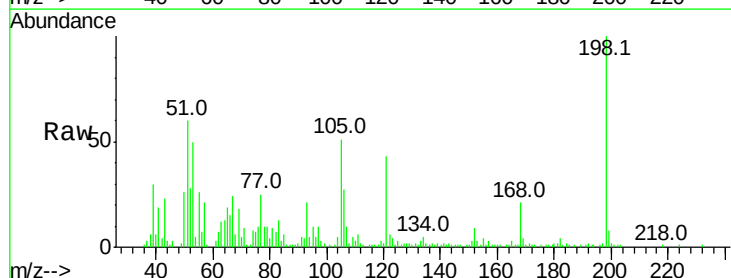
Instrument :
BNA_F
ClientSampleId :
B8-12-14MSD

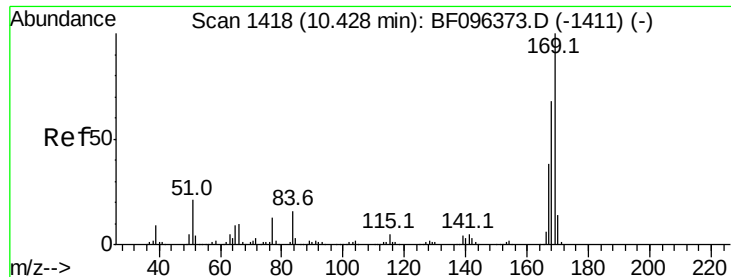
Tot Ion:188 Resp: 351399
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 22.81 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Tgt Ion:198 Resp: 55272
Ion Ratio Lower Upper
198 100
51 60.0 53.2 93.2
105 50.6 45.8 85.8

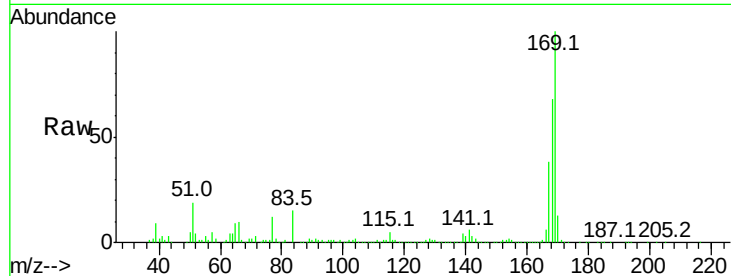




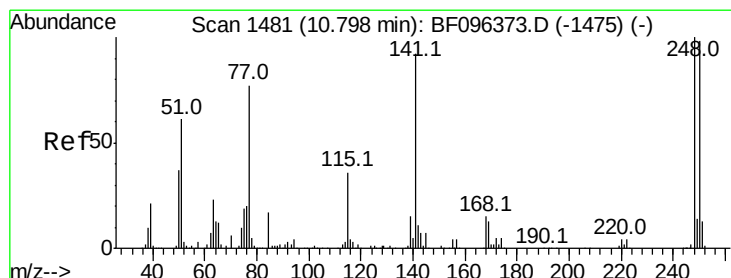
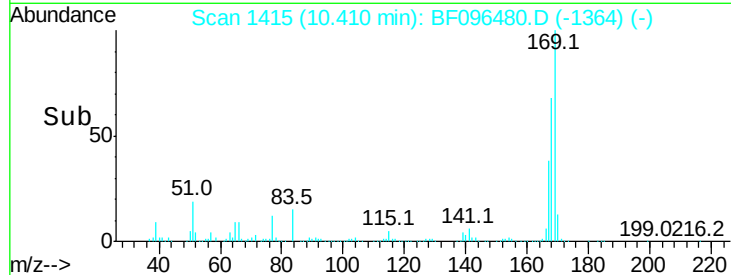
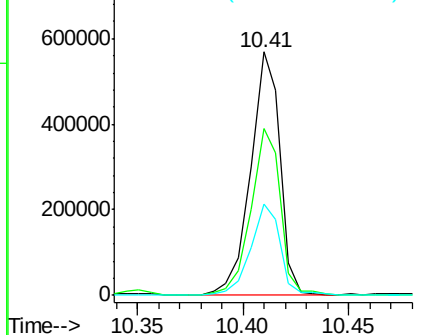
#65
 n-Nitrosodiphenylamine
 Concen: 44.59 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MSD

Tot Ion:169 Resp: 549758
 Ion Ratio Lower Upper
 169 100
 168 68.3 53.2 79.8
 167 37.6 29.5 44.3

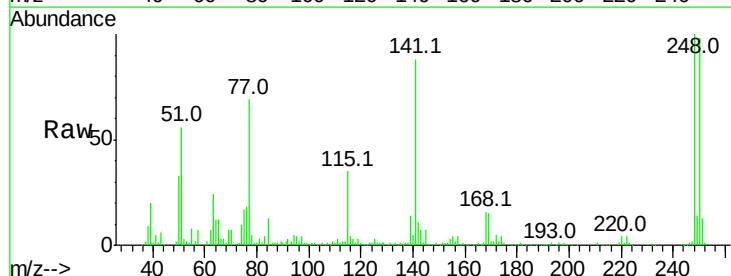


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

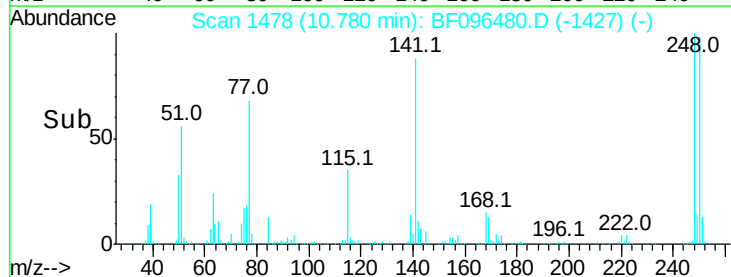
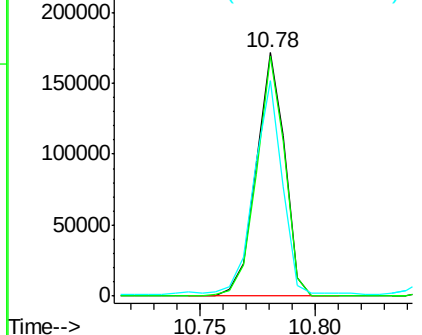


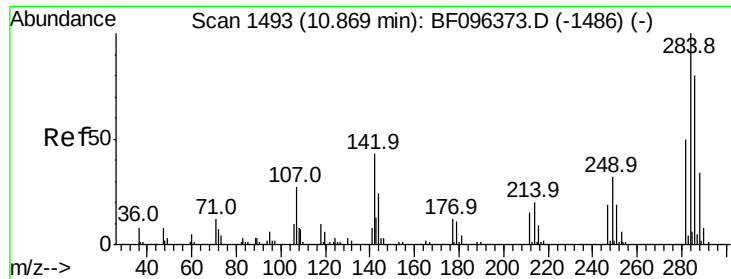
#66
 4-Bromophenyl-phenylether
 Concen: 43.22 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Tgt Ion:248 Resp: 147859
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.8 115.2
 141 88.4 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 39.90 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

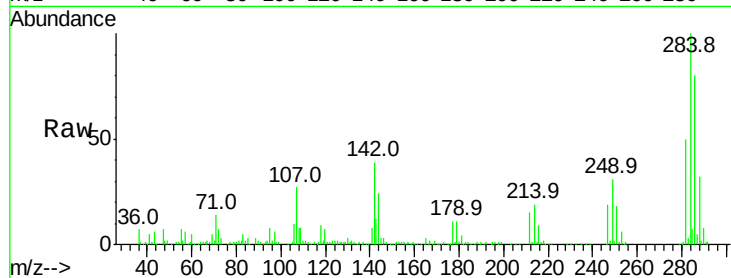
Tot Ion:284 Resp: 149421

Ion Ratio Lower Upper

284 100

142 39.2 22.8 34.2#

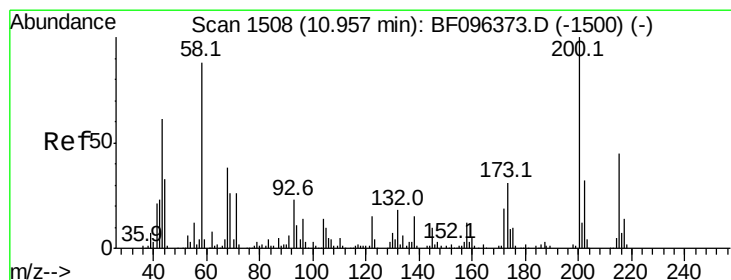
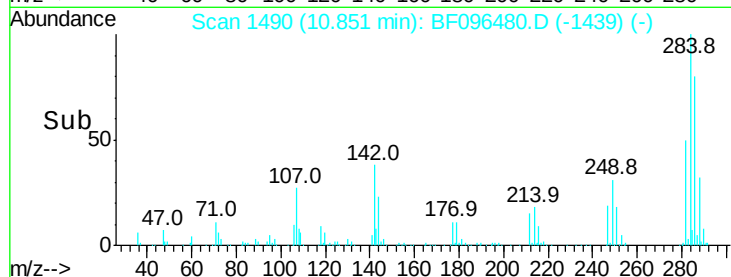
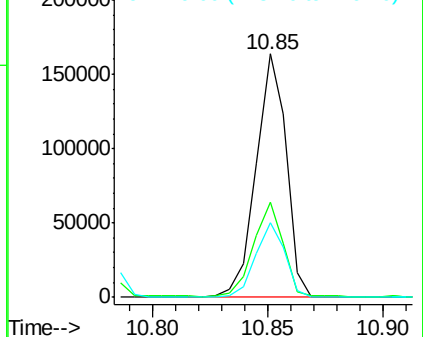
249 30.9 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.91 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

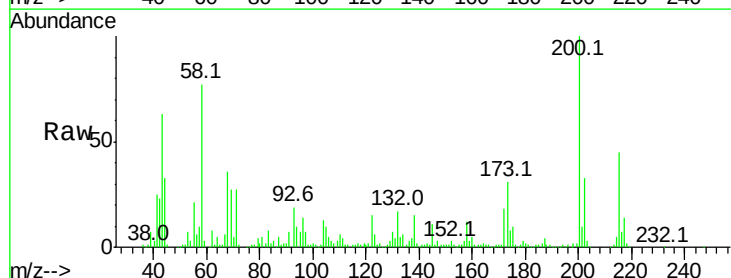
Tgt Ion:200 Resp: 151153

Ion Ratio Lower Upper

200 100

173 31.5 6.3 46.3

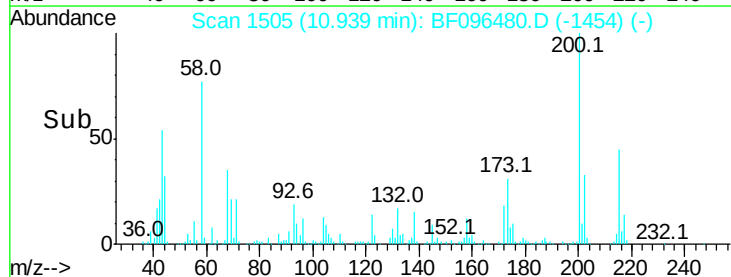
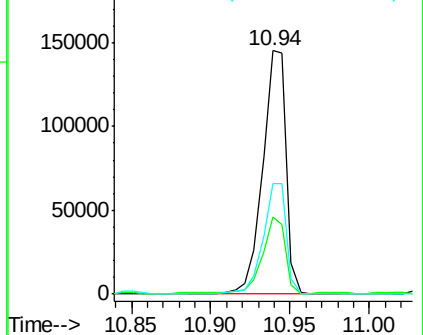
215 45.5 27.2 67.2

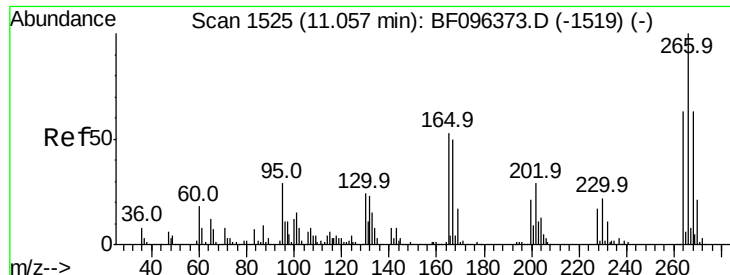


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

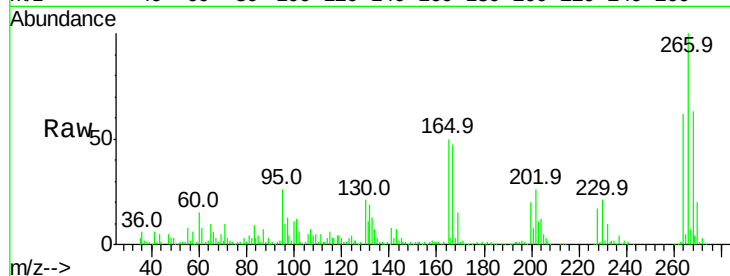




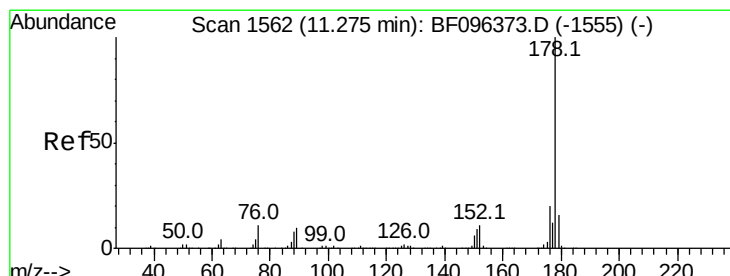
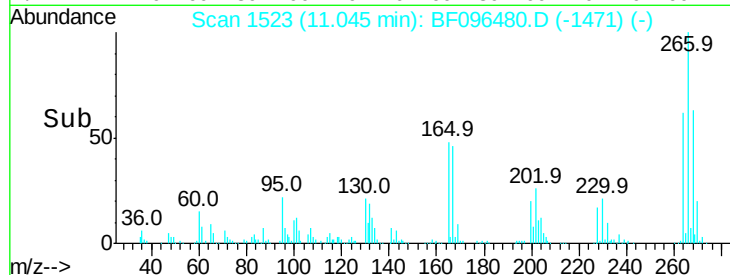
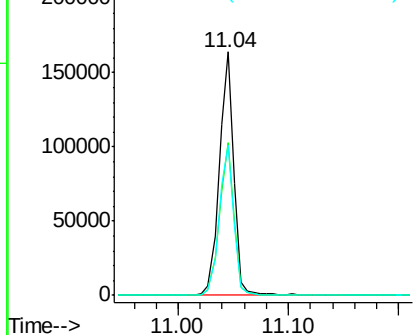
#69
 Pentachlorophenol
 Concen: 67.08 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MSD

Tot Ion:266 Resp: 148881
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 61.9 51.7 77.5

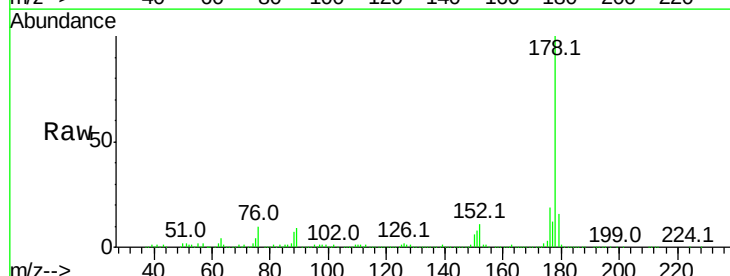


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

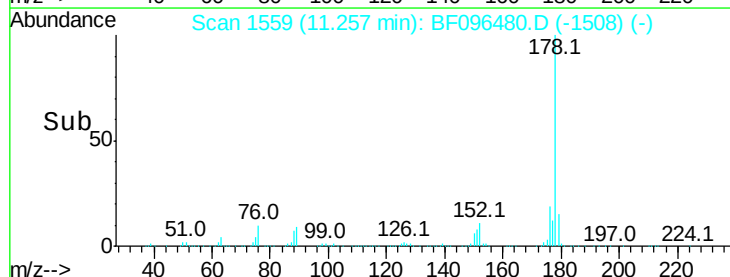
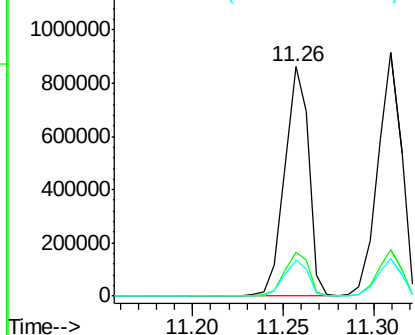


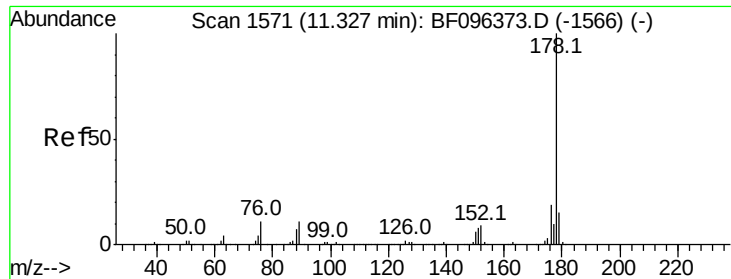
#70
 Phenanthrene
 Concen: 41.70 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Tgt Ion:178 Resp: 792213
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.6 12.6 19.0



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

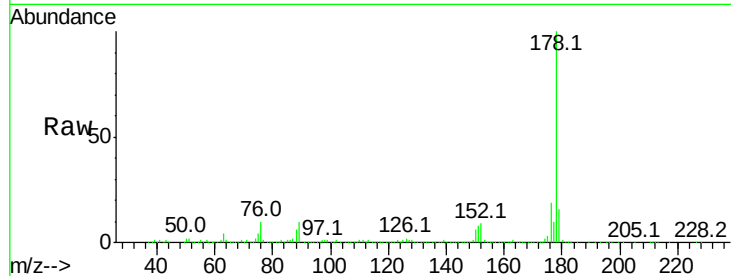




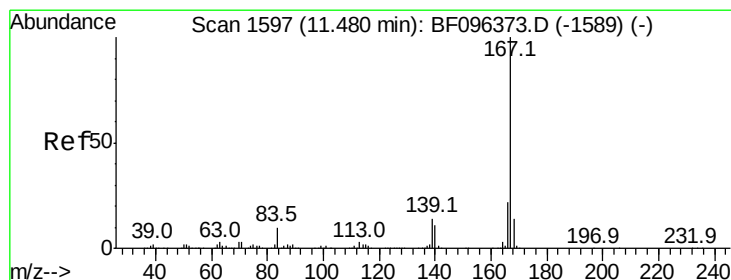
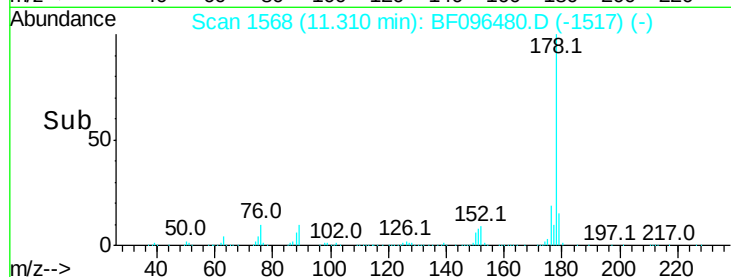
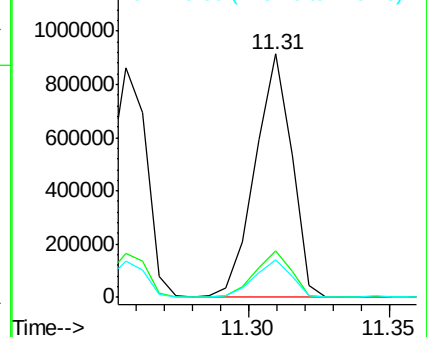
#71
 Anthracene
 Concen: 42.41 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MSD

Tot Ion:178 Resp: 820852
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.6 12.7 19.1

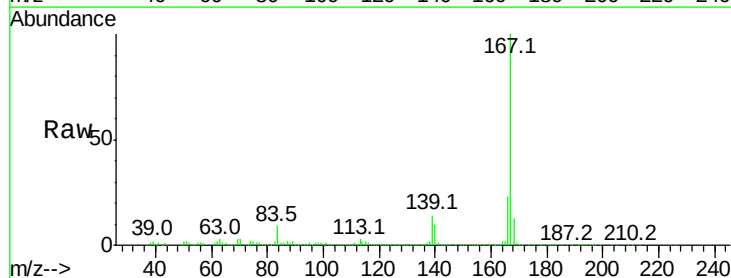


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

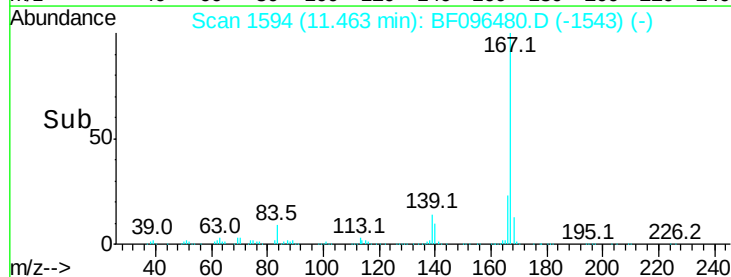
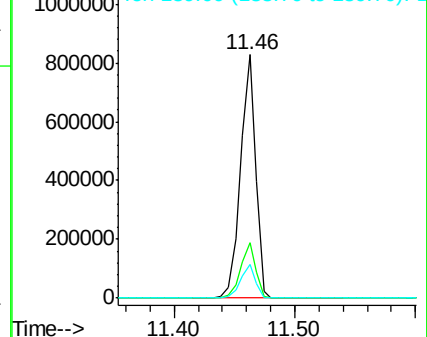


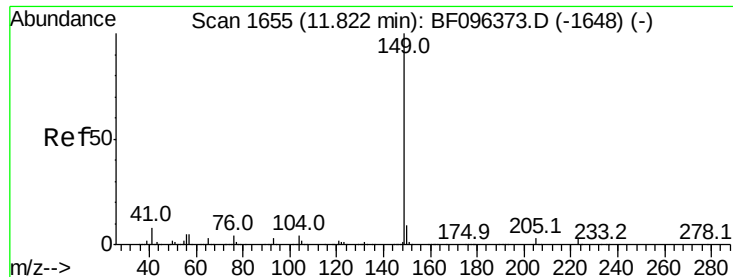
#72
 Carbazole
 Concen: 37.28 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Tgt Ion:167 Resp: 725701
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.1 27.1
 139 14.0 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.90 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

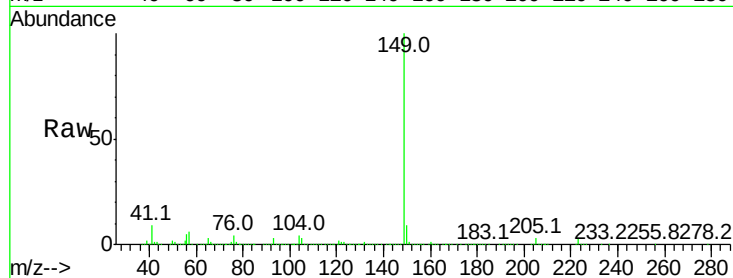
Tot Ion:149 Resp: 917297

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

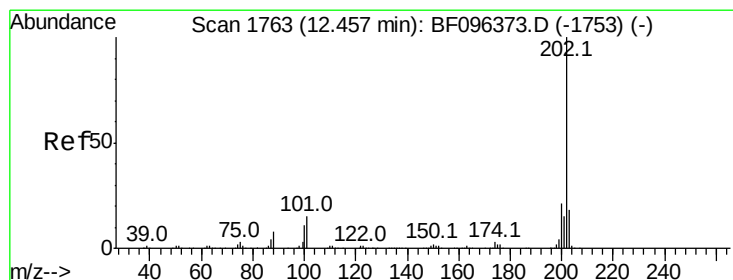
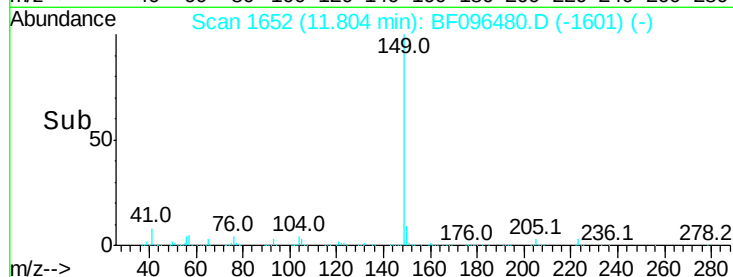
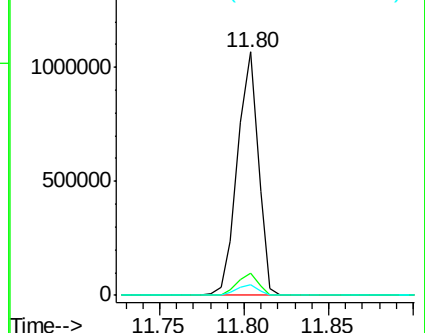
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.02 ng

RT: 12.44 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

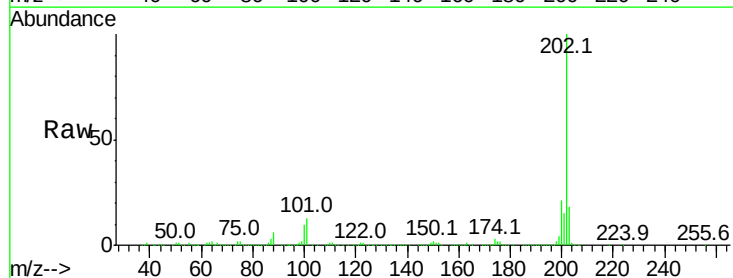
Tgt Ion:202 Resp: 670774

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

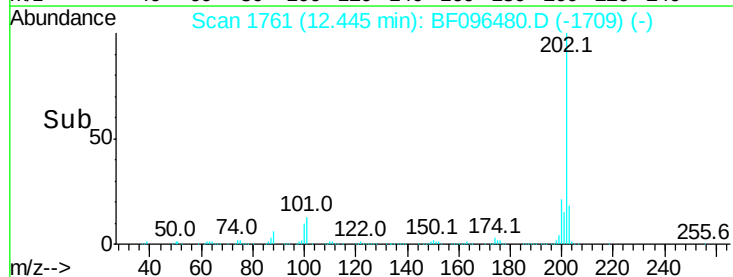
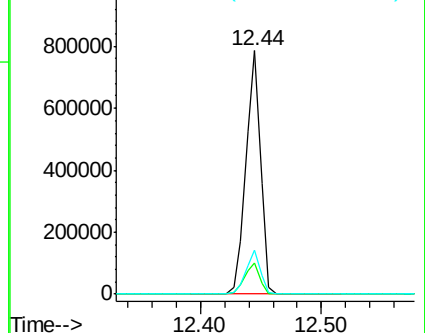
203 18.1 0.0 38.1

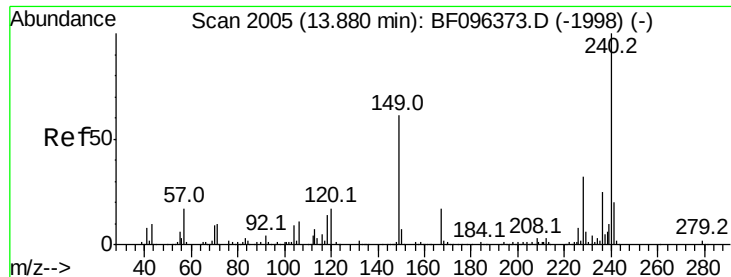


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

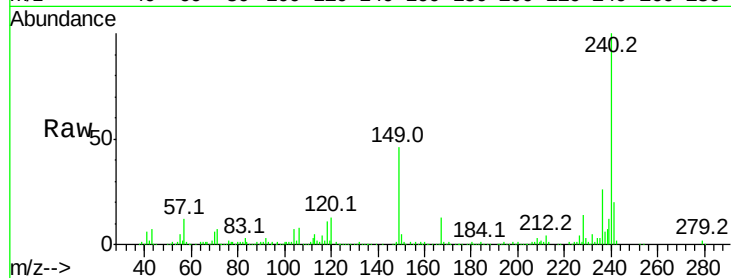
Tot Ion:240 Resp: 200702

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

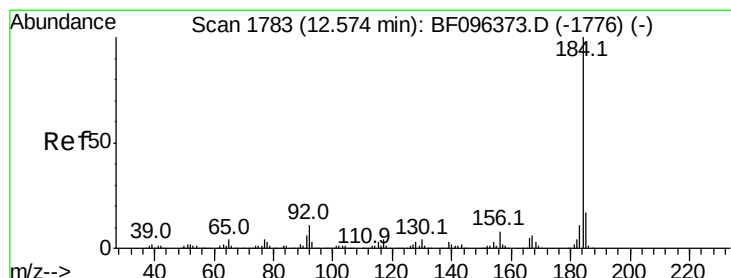
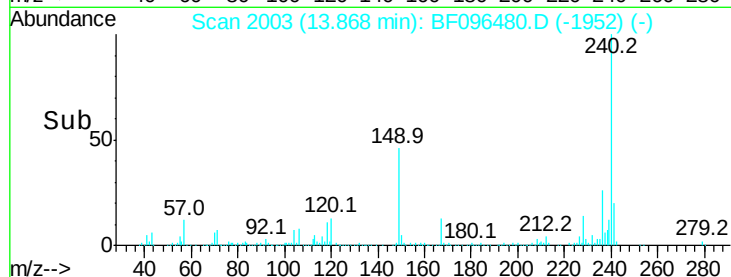
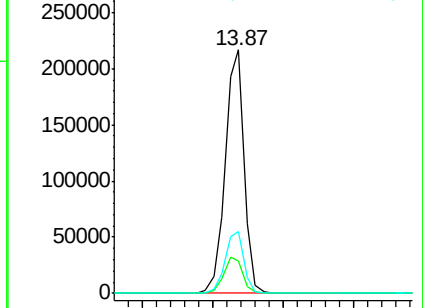
236 25.6 20.5 30.7



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: 35.41 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

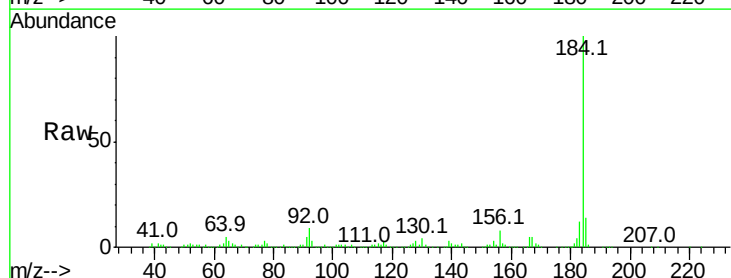
Tgt Ion:184 Resp: 341056

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

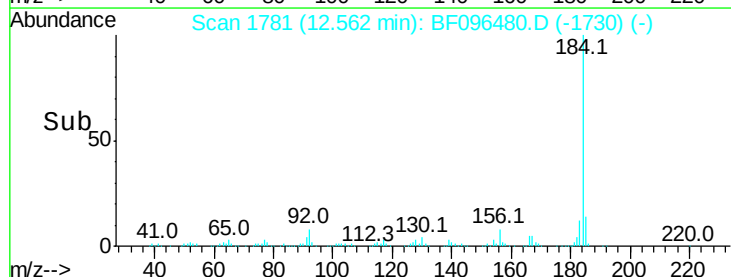
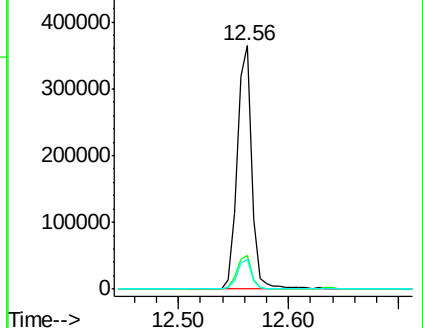
183 12.1 9.8 14.6

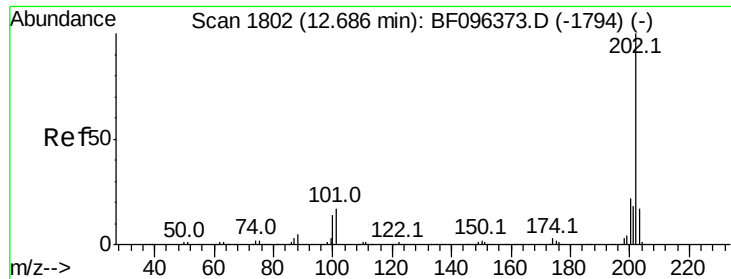


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.48 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

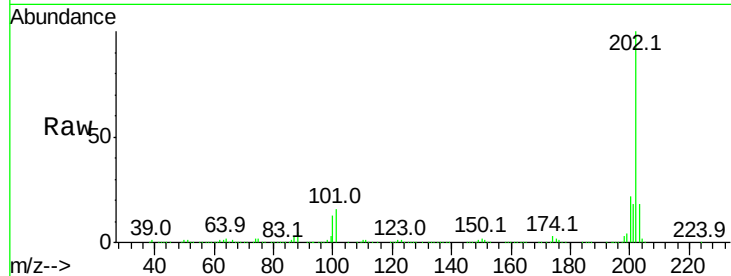
Tot Ion:202 Resp: 684278

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

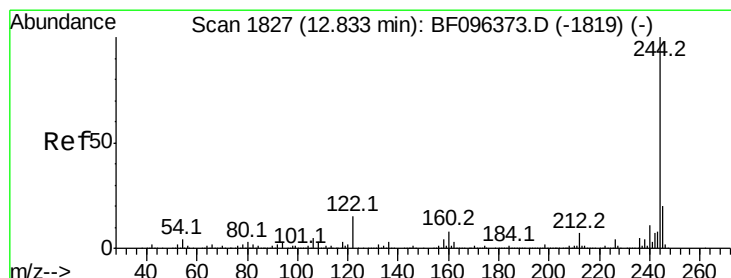
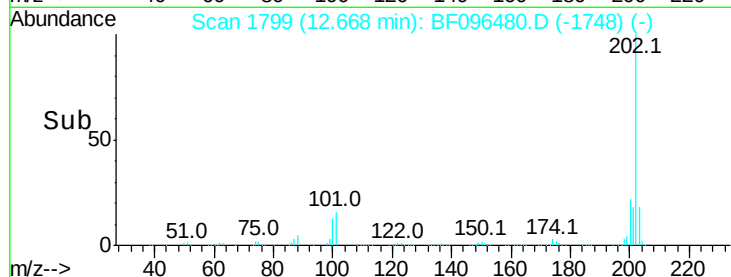
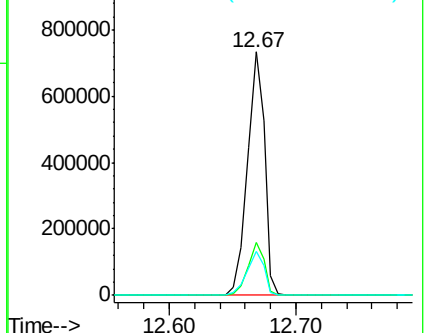
203 18.0 14.4 21.6



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: 74.01 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

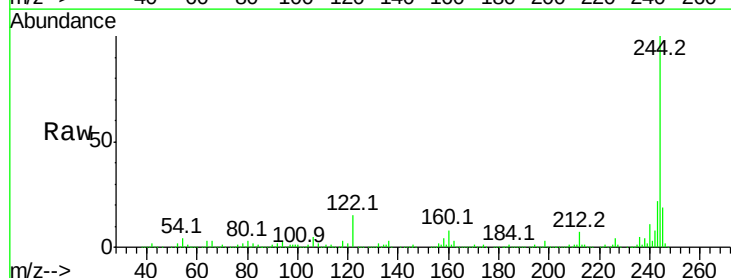
Tgt Ion:244 Resp: 695152

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

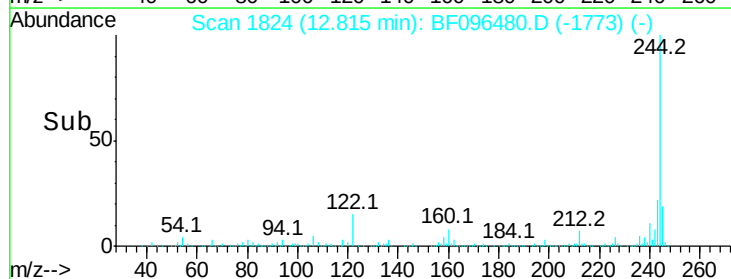
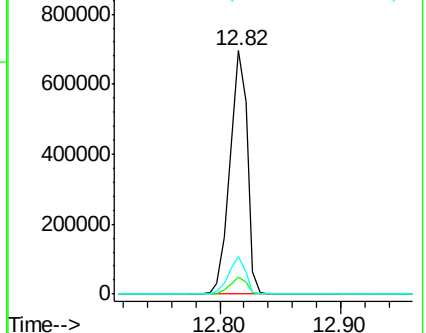
122 15.5 10.3 15.5#

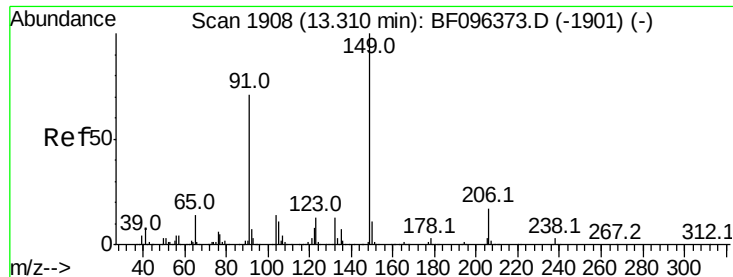


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

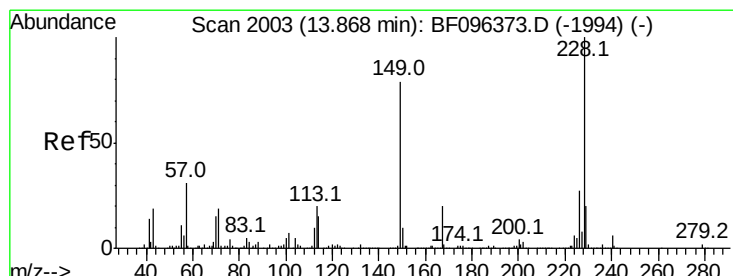
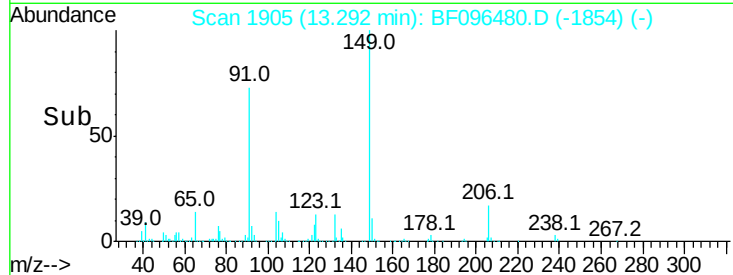
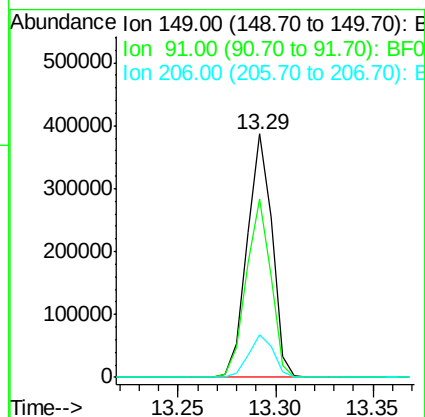
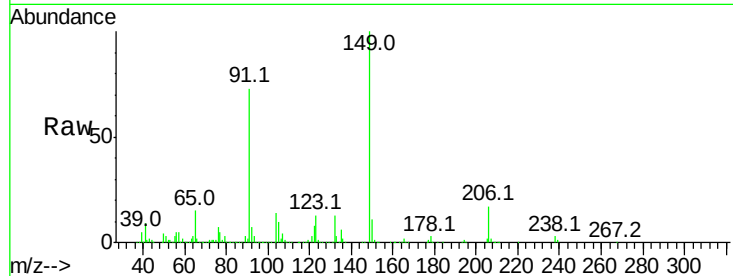




#79
Butylbenzylphthalate
Concen: 41.74 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

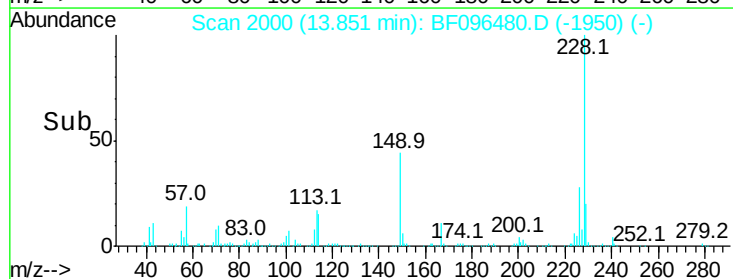
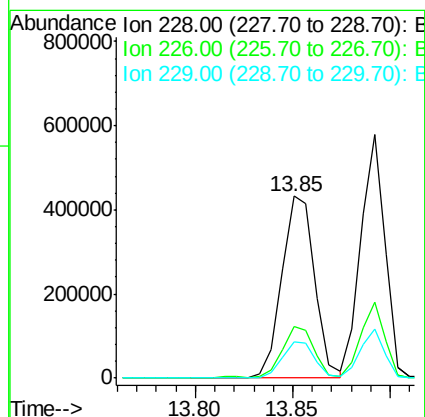
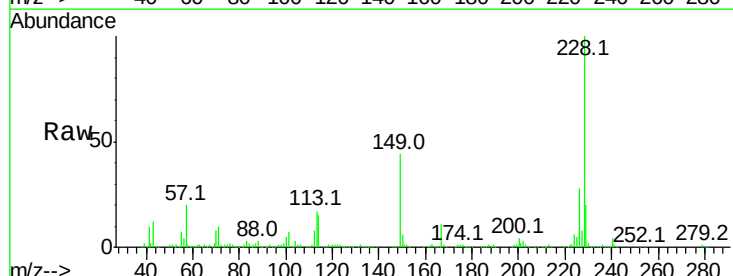
Instrument :
BNA_F
ClientSampleId :
B8-12-14MSD

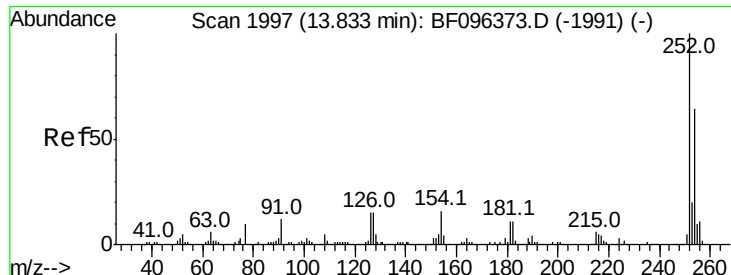
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.1	45.0	67.4#
206	17.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 43.16 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096480.D
Acq: 5 Jul 2017 13:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.9	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 38.80 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

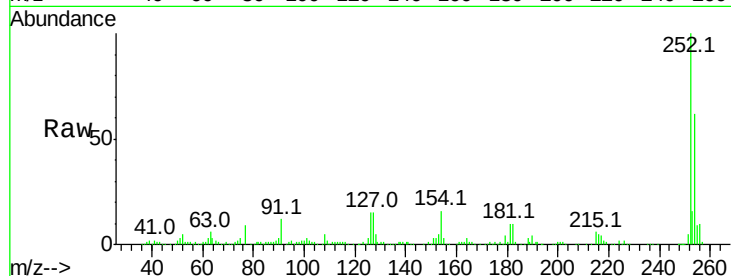
Tot Ion:252 Resp: 185225

Ion Ratio Lower Upper

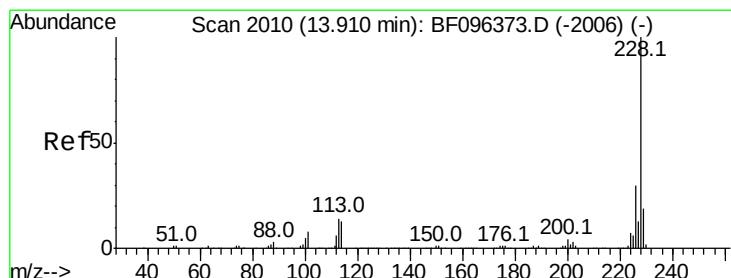
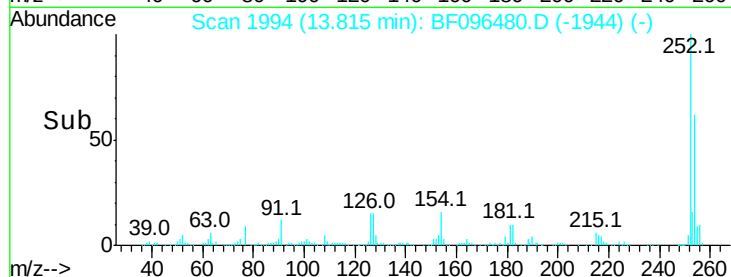
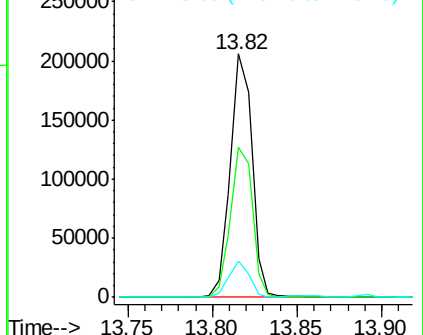
252 100

254 61.9 51.5 77.3

126 14.7 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: 41.09 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

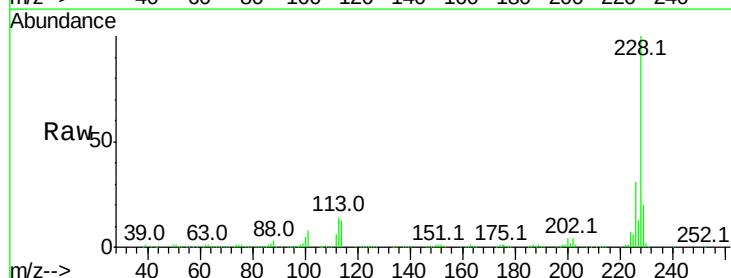
Tgt Ion:228 Resp: 500076

Ion Ratio Lower Upper

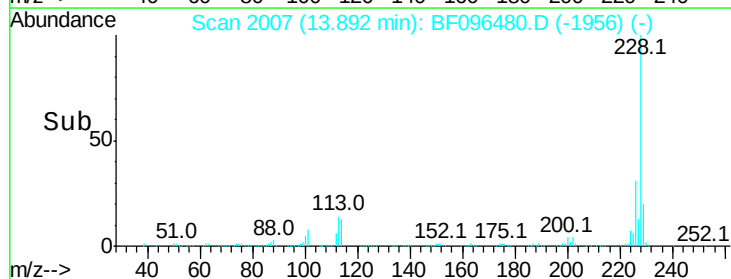
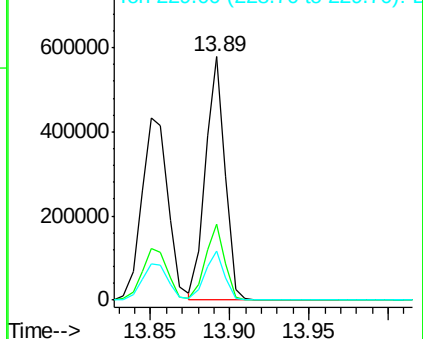
228 100

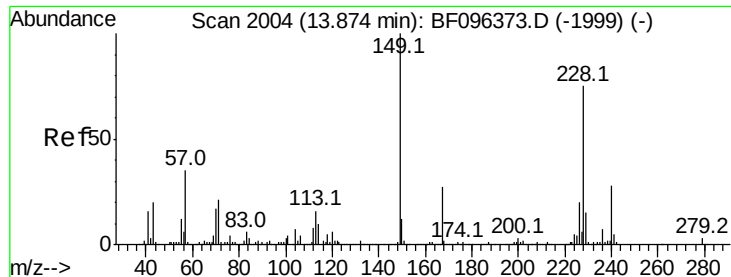
226 31.3 24.9 37.3

229 20.2 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

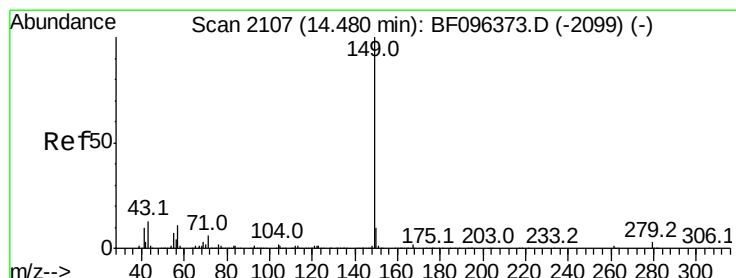
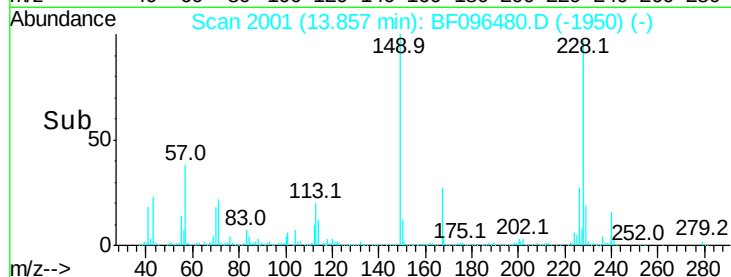
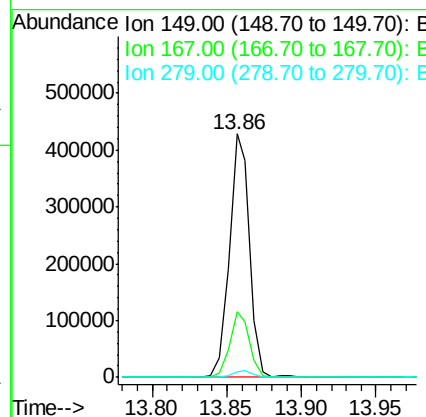
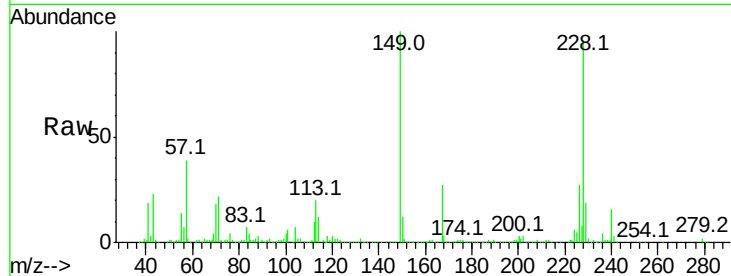




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.76 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

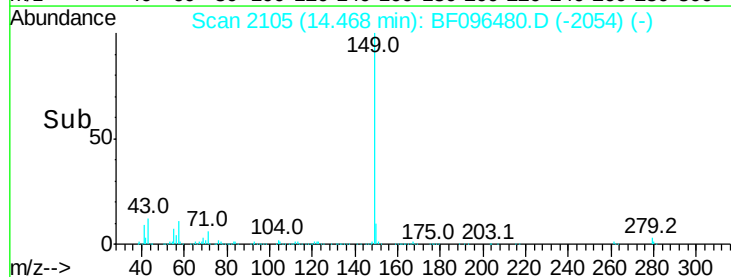
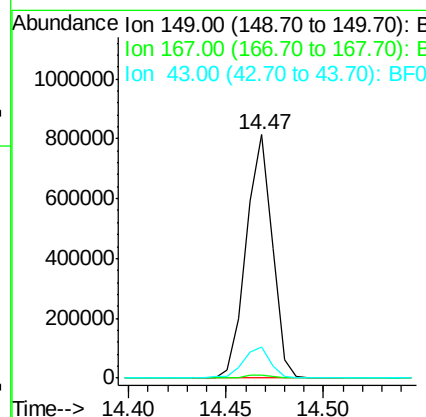
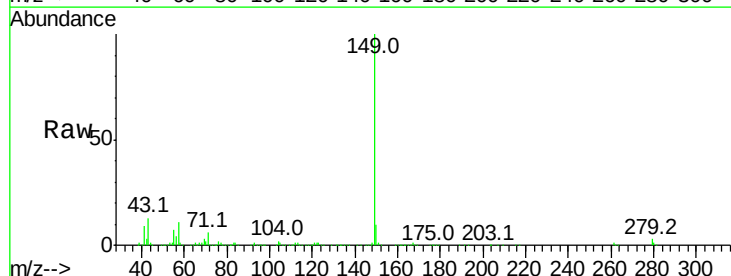
Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MSD

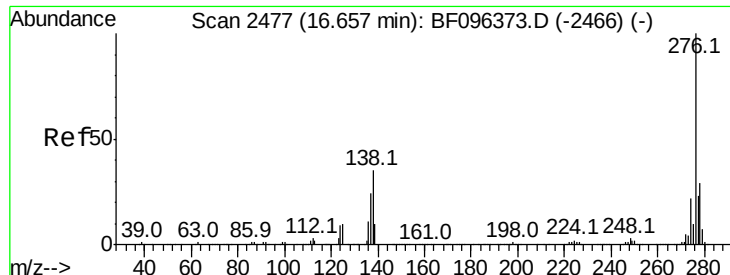
Tot Ion:149 Resp: 407460
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.0 31.4
 279 2.4 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 41.97 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Tgt Ion:149 Resp: 752394
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.7 8.5 12.7

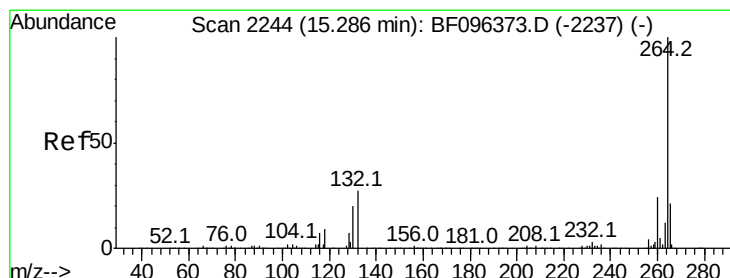
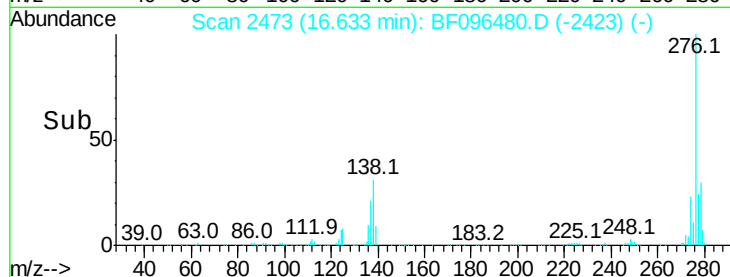
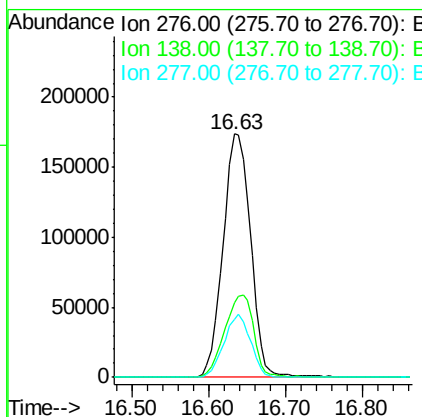
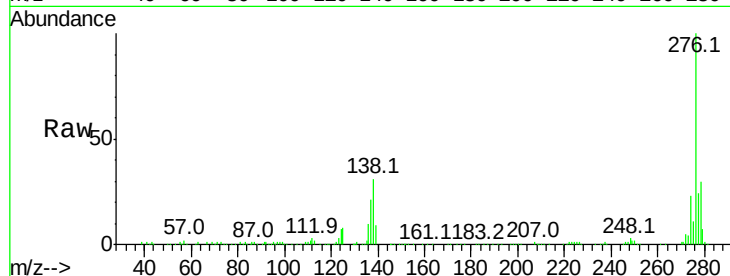




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.24 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

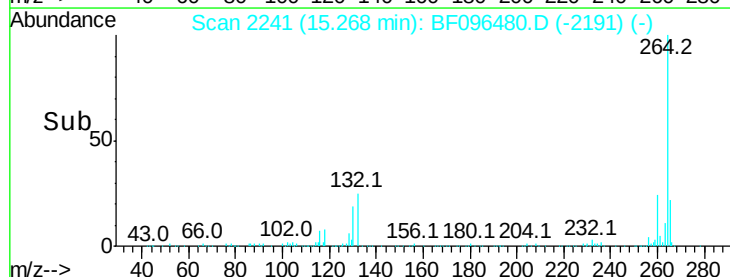
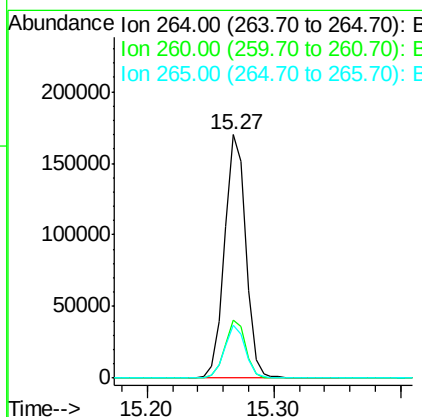
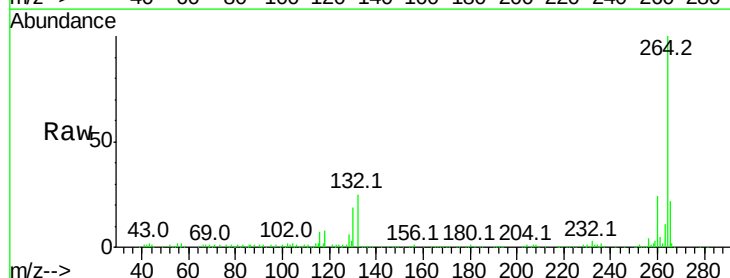
Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MSD

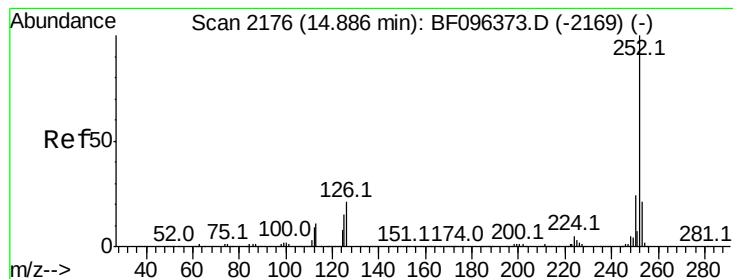
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.5	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF096480.D
 Acq: 5 Jul 2017 13:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.45 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

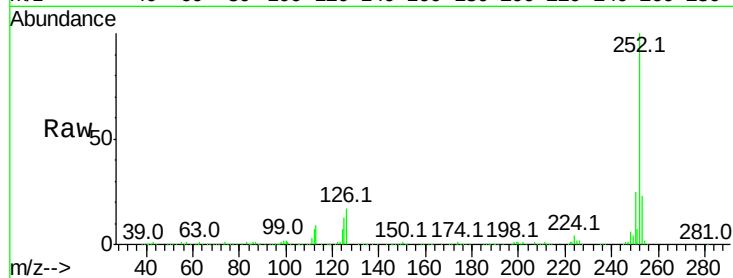
Tot Ion:252 Resp: 487080

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

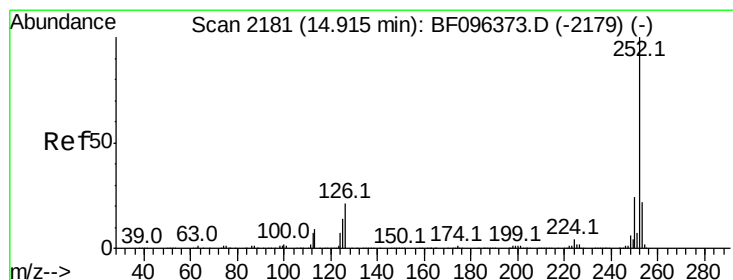
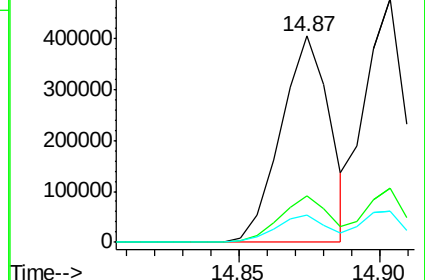
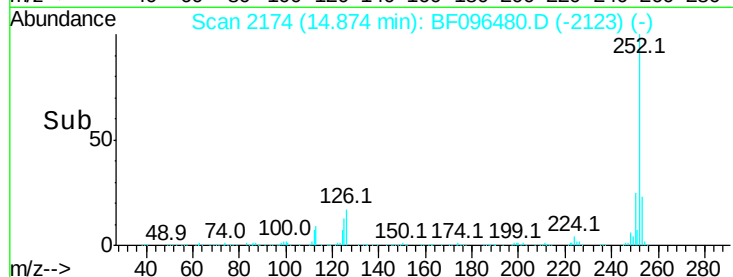
125 13.1 9.8 14.8



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: 42.89 ng m

RT: 14.90 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

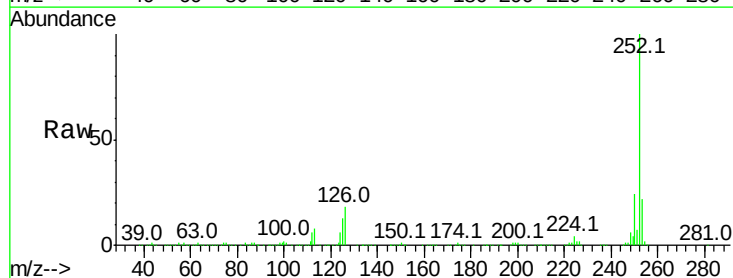
Tgt Ion:252 Resp: 473627

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

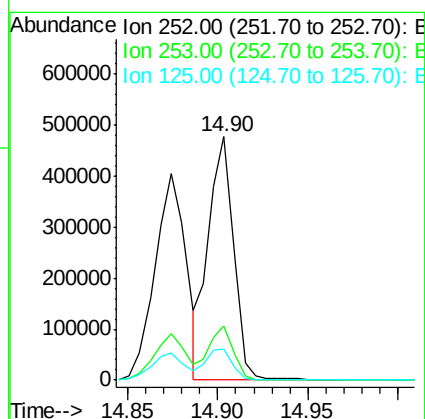
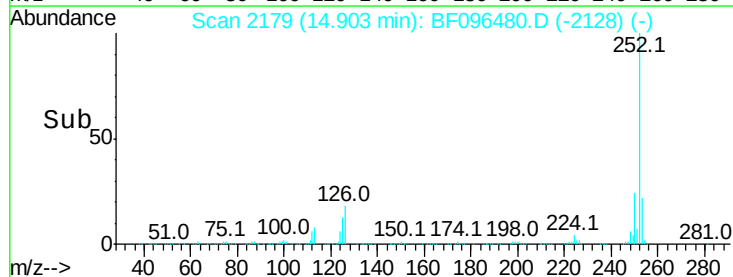
125 12.7 13.1 19.7#

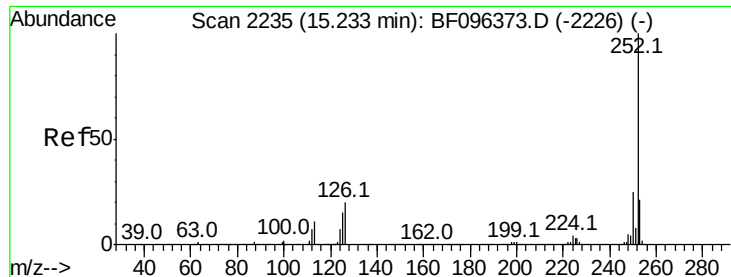


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.85 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD

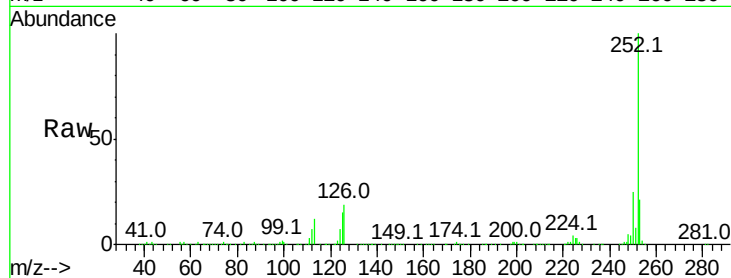
Tot Ion:252 Resp: 461321

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

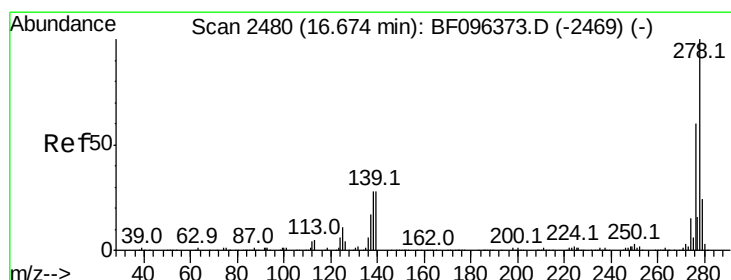
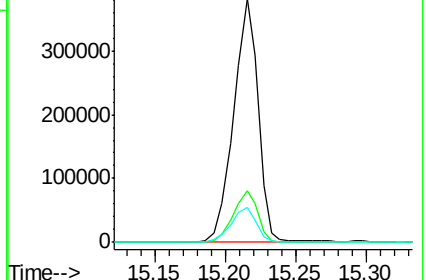
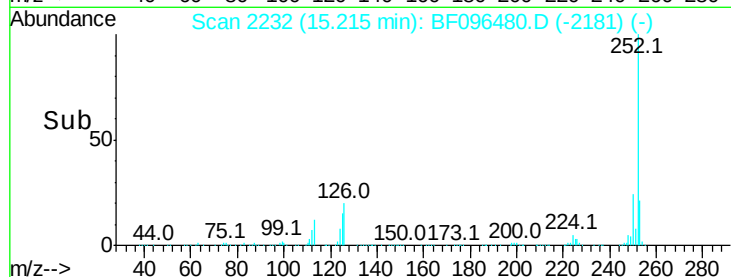
125 14.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.69 ng

RT: 16.65 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BF096480.D

Acq: 5 Jul 2017 13:31

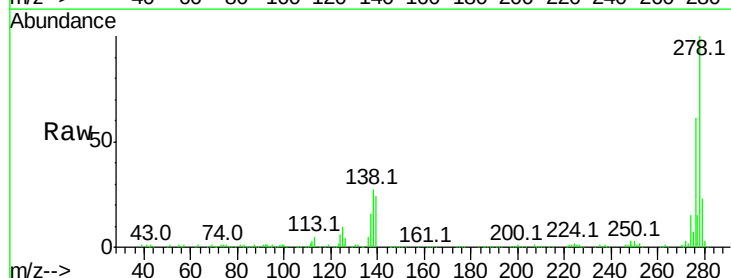
Tgt Ion:278 Resp: 361549

Ion Ratio Lower Upper

278 100

139 24.3 16.6 24.8

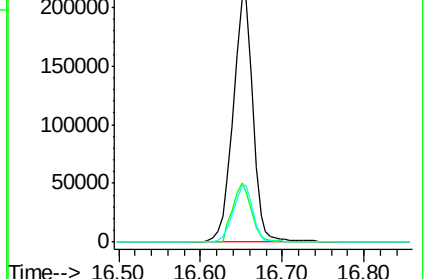
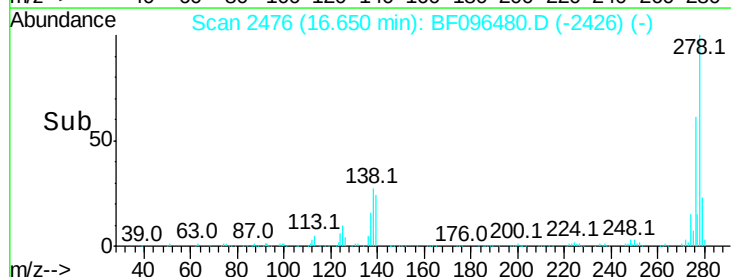
279 23.4 19.3 28.9

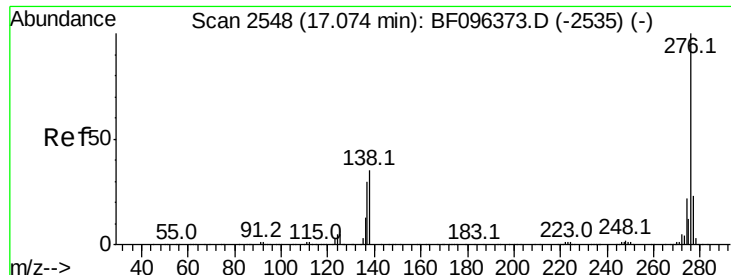


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.42 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BF096480.D

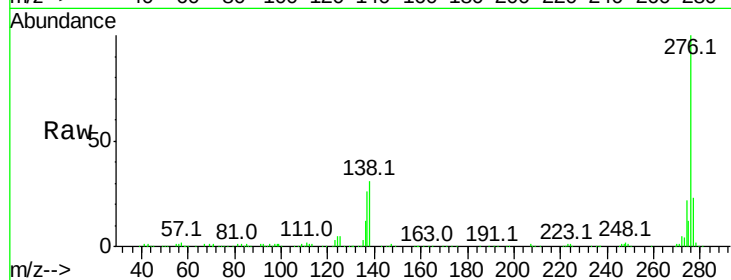
Acq: 5 Jul 2017 13:31

Instrument :

BNA_F

ClientSampleId :

B8-12-14MSD



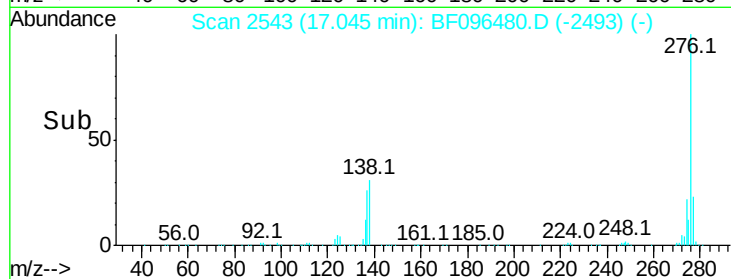
Tot Ion:276 Resp: 354182

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 31.2 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

