

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096485.D
 Acq On : 5 Jul 2017 15:48
 Operator : SJ/MA
 Sample : I3871-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 05 16:41:29 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	6.71	152	114076	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	415369	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	166464	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	229134	20.00	ng	0.00
75) Chrysene-d12	13.87	240	167902	20.00	ng	0.00
86) Perylene-d12	15.27	264	149469	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	770176	99.65	ng	0.00
7) Phenol-d6	6.36	99	895497	94.25	ng	0.00
23) Nitrobenzene-d5	7.27	82	483553	69.95	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	130935	100.70	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	851007	87.41	ng	0.00
78) Terphenyl-d14	12.82	244	496861	63.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	93252	25.44	ng	# 76
3) Pyridine	3.09	79	253535	25.21	ng	# 63
4) n-Nitrosodimethylamine	3.03	42	151864	30.60	ng	# 83
6) Aniline	6.37	93	313155	25.50	ng	# 76
8) 2-Chlorophenol	6.50	128	285700	34.66	ng	# 94
9) Benzaldehyde	6.25	77	147714	24.84	ng	# 97
10) Phenol	6.37	94	341891	31.58	ng	# 83
11) bis(2-Chloroethyl)ether	6.45	93	292630	34.98	ng	# 93
12) 1,3-Dichlorobenzene	6.66	146	295558	34.20	ng	# 97
13) 1,4-Dichlorobenzene	6.73	146	278805	32.28	ng	# 99
14) 1,2-Dichlorobenzene	6.89	146	257162	32.43	ng	# 95
15) Benzyl Alcohol	6.86	79	204406	32.18	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	512288	30.12	ng	# 91
17) 2-Methylphenol	6.97	107	200230	30.48	ng	# 98
18) Hexachloroethane	7.23	117	80585	25.73	ng	# 84
19) n-Nitroso-di-n-propylamine	7.13	70	161707	28.57	ng	# 82
20) 3+4-Methylphenols	7.13	107	243936	33.30	ng	# 91
22) Acetophenone	7.12	105	329843	36.34	ng	# 97
24) Nitrobenzene	7.29	77	241747	33.34	ng	# 92
25) Isophorone	7.53	82	441359	32.93	ng	# 96
26) 2-Nitrophenol	7.61	139	115462	30.08	ng	# 88
27) 2,4-Dimethylphenol	7.66	122	223177	34.15	ng	# 97
28) bis(2-Chloroethoxy)methane	7.75	93	303161	34.27	ng	# 100
29) 2,4-Dichlorophenol	7.86	162	201802	35.79	ng	# 98
30) 1,2,4-Trichlorobenzene	7.94	180	195564	36.77	ng	# 98
31) Naphthalene	8.02	128	727928	37.12	ng	# 100
32) Benzoic acid	7.66	122	223177	40.66	ng	# 11
33) 4-Chloroaniline	8.07	127	229156	28.13	ng	# 93
34) Hexachlorobutadiene	8.15	225	101637	37.26	ng	# 98
35) Caprolactam	8.42	113	60866	31.30	ng	# 71
36) 4-Chloro-3-methylphenol	8.55	107	205838	32.99	ng	# 89
37) 2-Methylnaphthalene	8.71	142	473751	37.95	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	169585	39.24	ng	# 99
40) Hexachlorocyclopentadiene	8.87	237	24559	11.69	ng	# 97

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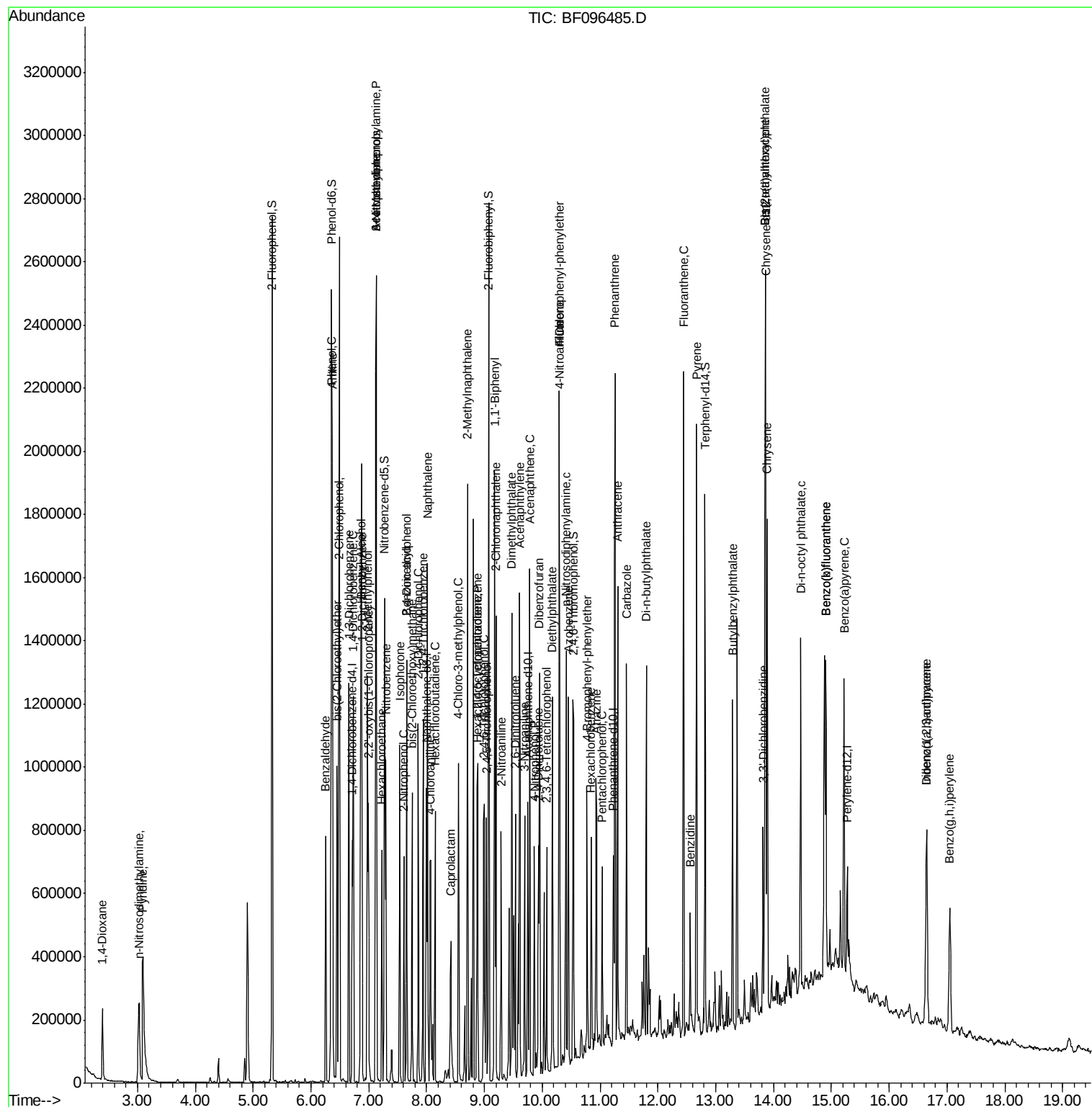
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	115746	33.85	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	120461	35.63	nq	# 92
45) 1,1'-Biphenyl	9.17	154	514814	36.09	nq	97
46) 2-Chloronaphthalene	9.20	162	396839	37.33	nq	95
47) 2-Nitroaniline	9.29	65	136731	35.35	nq	99
48) Acenaphthylene	9.61	152	633667	37.62	nq	98
49) Dimethylphthalate	9.47	163	606111	48.78	nq	100
50) 2,6-Dinitrotoluene	9.53	165	94007	34.21	nq	# 87
51) Acenaphthene	9.79	154	367369	35.39	nq	100
52) 3-Nitroaniline	9.70	138	114131	33.30	nq	88
54) Dibenzofuran	9.96	168	528055	38.52	nq	98
55) 4-Nitrophenol	9.86	139	108845	38.31	nq	# 66
56) 2,4-Dinitrotoluene	9.93	165	115503	33.19	nq	# 81
57) Fluorene	10.30	166	380913	39.35	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	75717	32.37	nq	96
59) Diethylphthalate	10.17	149	434118	36.96	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	159076	37.77	nq	93
61) 4-Nitroaniline	10.30	138	102194	32.79	nq	88
62) Azobenzene	10.45	77	375519	33.06	nq	90
65) n-Nitrosodiphenylamine	10.41	169	338629	42.12	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	93956	42.12	nq	95
67) Hexachlorobenzene	10.85	284	92149	37.74	nq	95
68) Atrazine	10.94	200	91452	39.82	nq	96
69) Pentachlorophenol	11.04	266	52345	36.17	nq	99
70) Phenanthrene	11.26	178	793267	64.04	nq	99
71) Anthracene	11.30	178	556090	44.06	nq	98
72) Carbazole	11.46	167	464070	36.56	nq	98
73) Di-n-butylphthalate	11.80	149	587426	38.21	nq	99
74) Fluoranthene	12.45	202	863078	71.07	nq	99
76) Benzidine	12.56	184	139142	17.27	nq	# 93
77) Pyrene	12.67	202	862675	64.01	nq	99
79) Butylbenzylphthalate	13.29	149	228434	33.48	nq	# 82
80) Benzo(a)anthracene	13.86	228	580371	59.69	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	124840	31.26	nq	# 96
82) Chrysene	13.89	228	554933	54.50	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	278949	36.63	nq	99
84) Di-n-octyl phthalate	14.47	149	528540	35.24	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.64	276	352409	43.85	nq	98
87) Benzo(b)fluoranthene	14.90	252	388461	41.48	nq	98
88) Benzo(k)fluoranthene	14.90	252	388461	46.37	nq	97
89) Benzo(a)pyrene	15.22	252	441905	52.85	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	244529	37.17	nq	98
91) Benzo(g,h,i)perylene	17.05	276	294931	43.27	nq	98

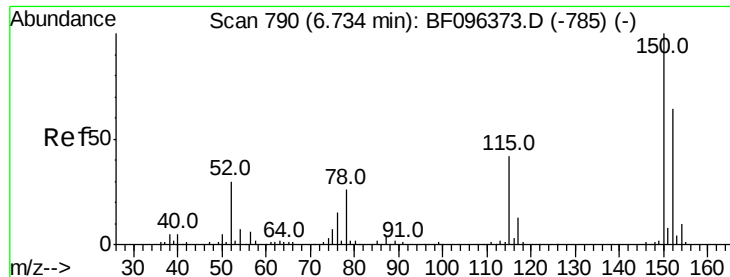
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampled :

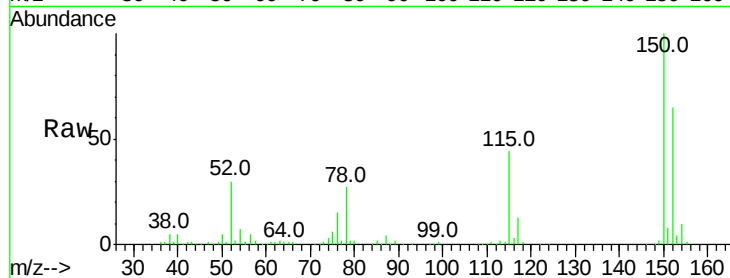
Tot Ion:152 Resp: 114076

Ion Ratio Lower Upper

152 100

150 154.1 126.2 189.2

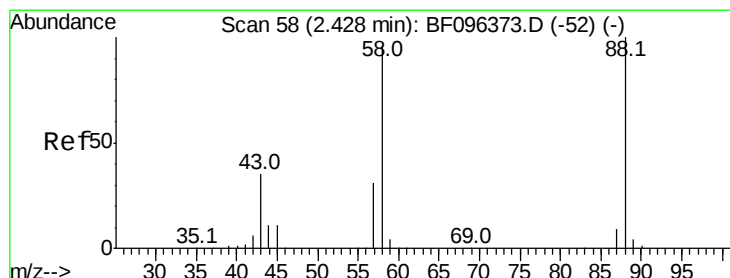
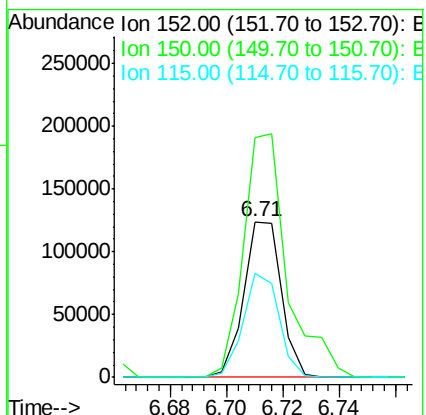
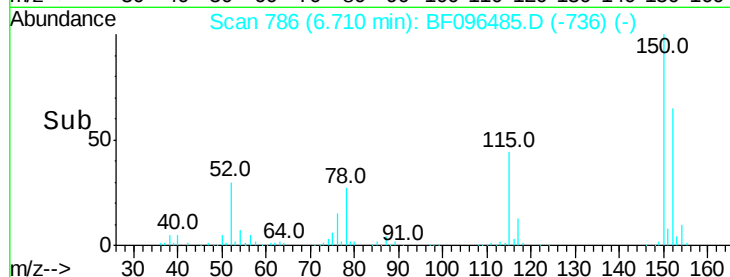
115 67.1 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 25.44 ng

RT: 2.39 min Scan# 52

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

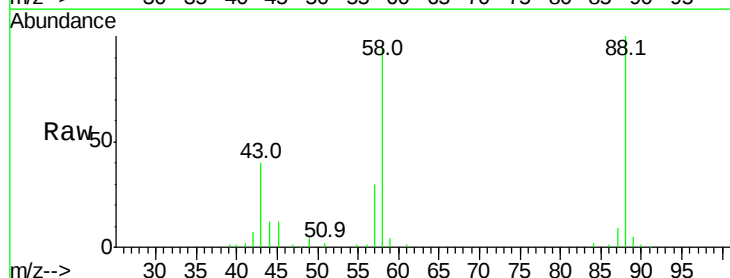
Tgt Ion: 88 Resp: 93252

Ion Ratio Lower Upper

88 100

58 98.8 61.4 92.0#

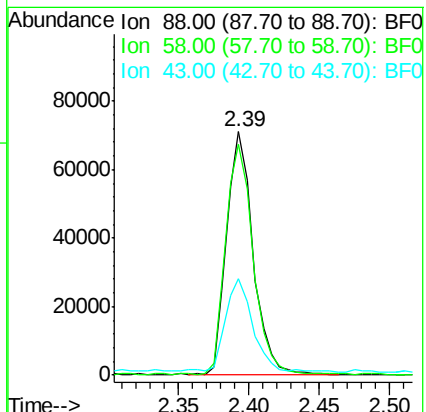
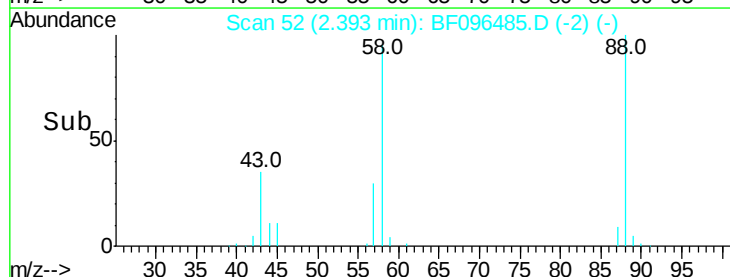
43 39.7 23.4 35.0#

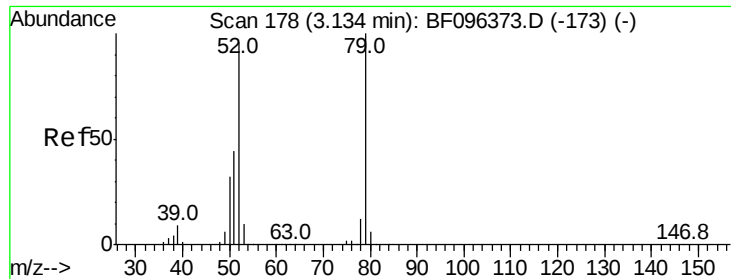


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 25.21 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

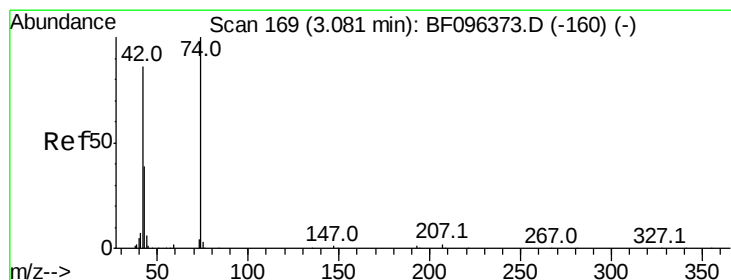
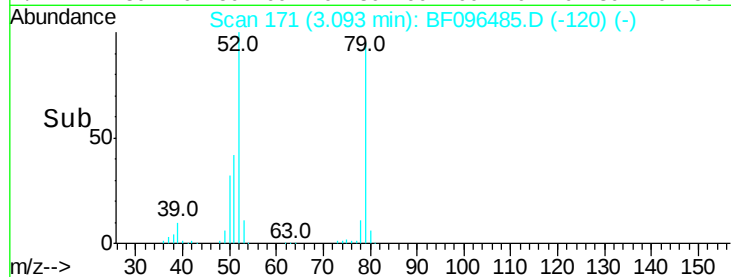
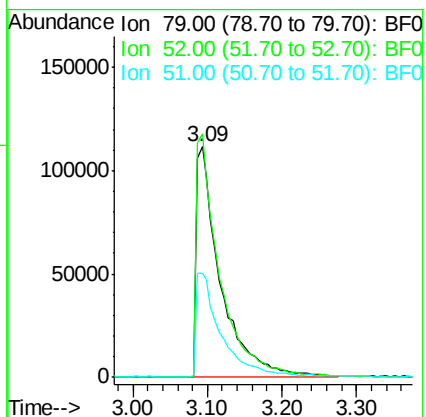
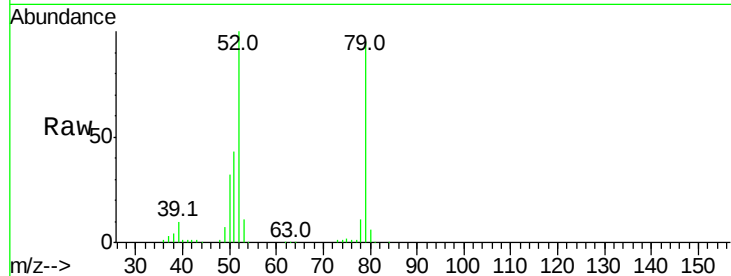
Tot Ion: 79 Resp: 253535

Ion Ratio Lower Upper

79 100

52 105.7 54.8 82.2#

51 45.3 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 30.60 ng

RT: 3.03 min Scan# 160

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

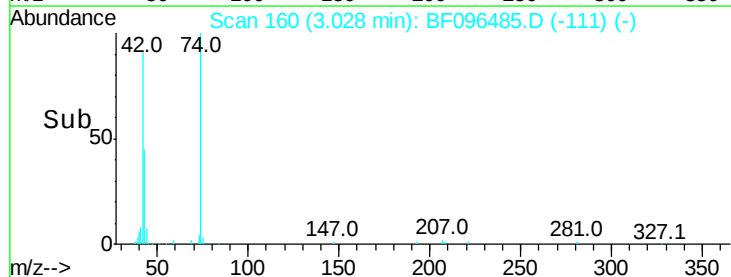
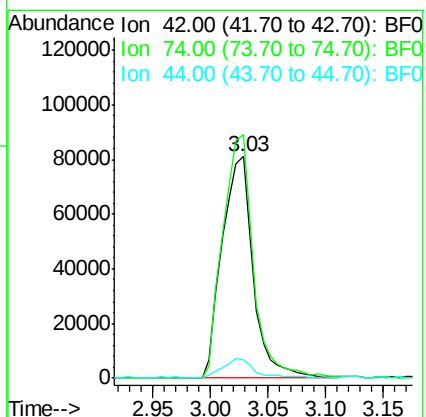
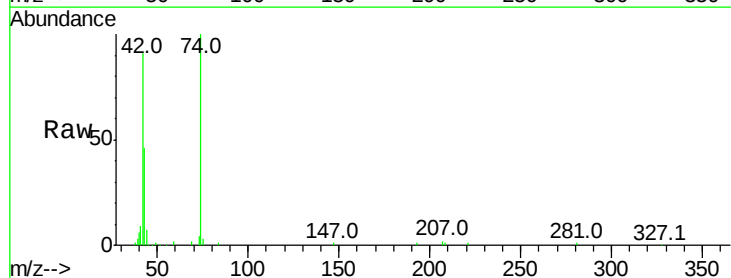
Tgt Ion: 42 Resp: 151864

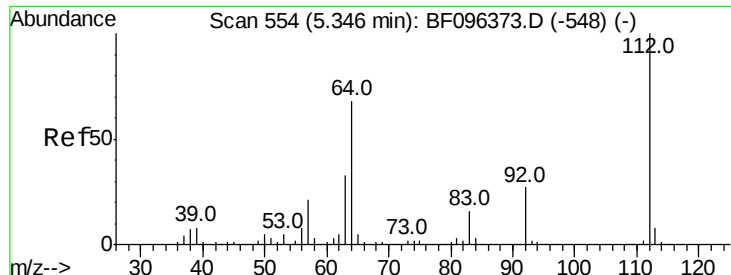
Ion Ratio Lower Upper

42 100

74 109.8 103.9 155.9

44 8.1 5.7 8.5

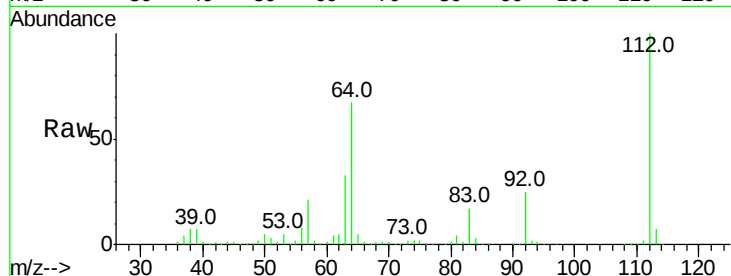




#5
 2-Fluorophenol
 Concen: 99.65 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

Instrument :
 BNA_F
 ClientSampled :

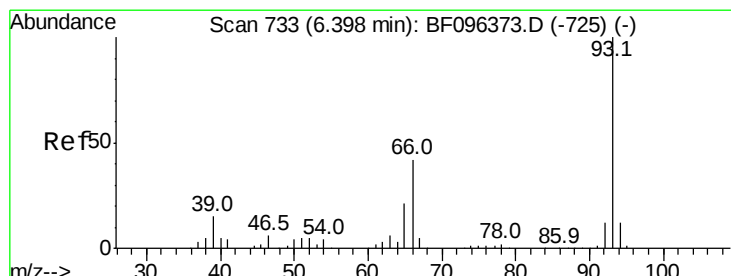
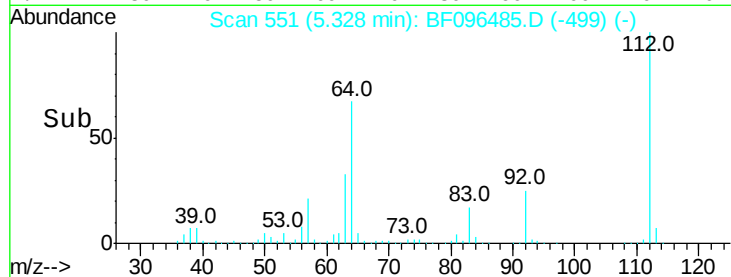
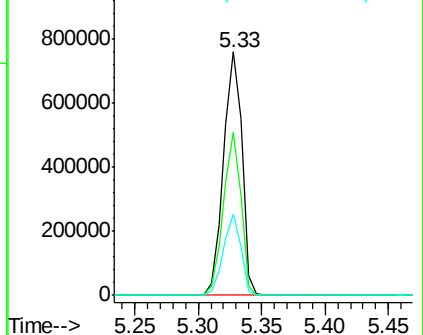
Tot Ion:	112	Resp:	770176
Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.0	69.0
63	33.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

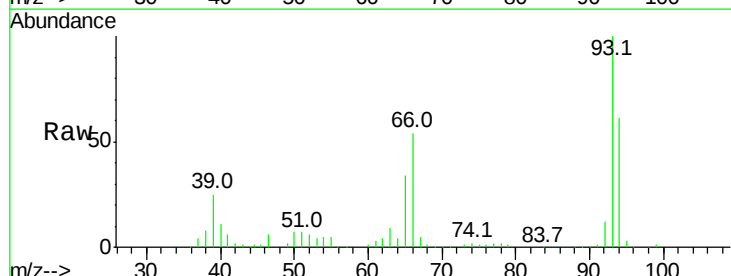
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6
 Aniline
 Concen: 25.50 ng
 RT: 6.37 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

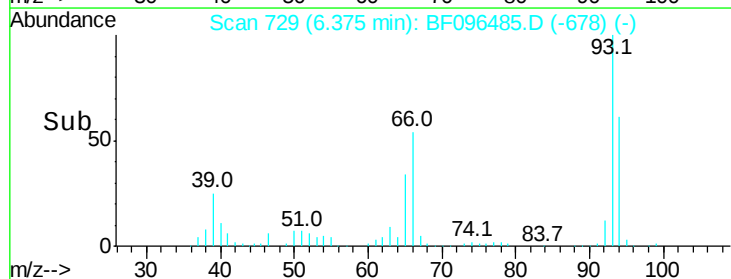
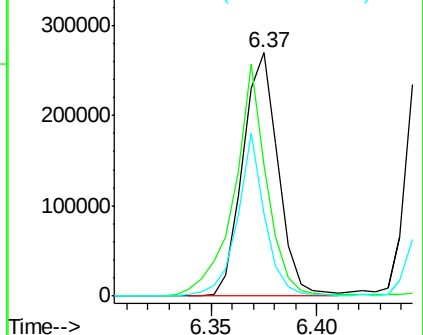
Tgt Ion:	93	Resp:	313155
Ion	Ratio	Lower	Upper
93	100		
66	54.0	32.9	49.3#
65	33.8	16.0	24.0#

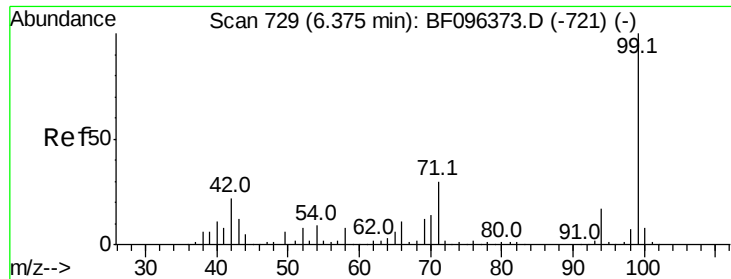


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 94.25 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

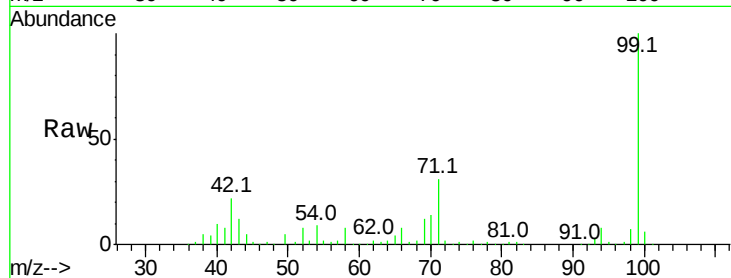
Tot Ion: 99 Resp: 895497

Ion Ratio Lower Upper

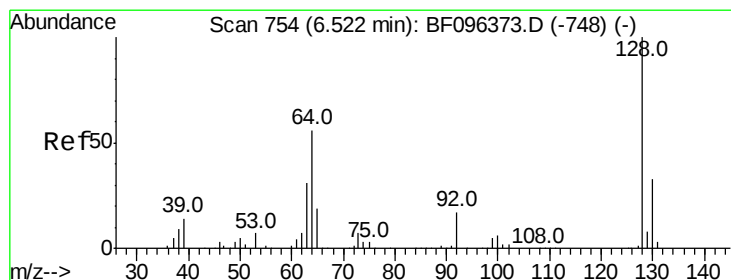
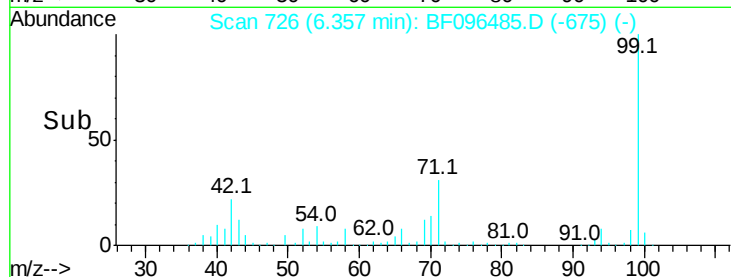
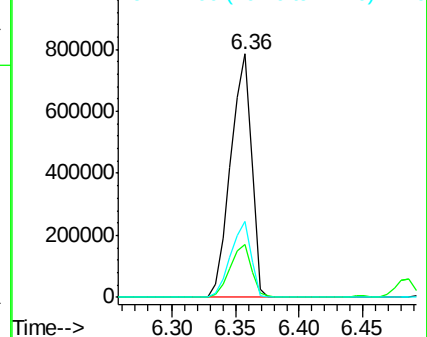
99 100

42 21.9 13.5 20.3#

71 31.1 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: 34.66 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

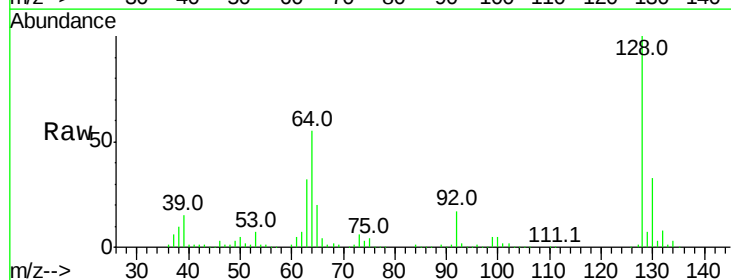
Tgt Ion: 128 Resp: 285700

Ion Ratio Lower Upper

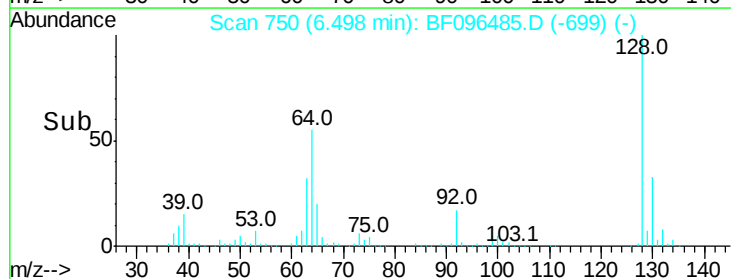
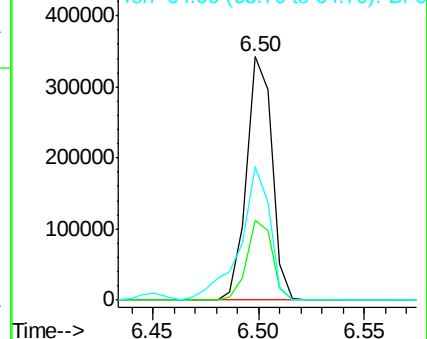
128 100

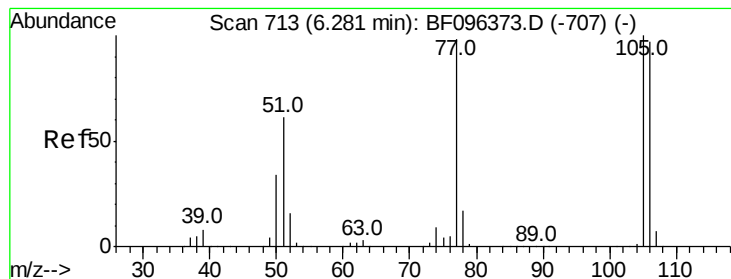
130 32.5 12.9 52.9

64 55.0 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.84 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

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ClientSampleId :

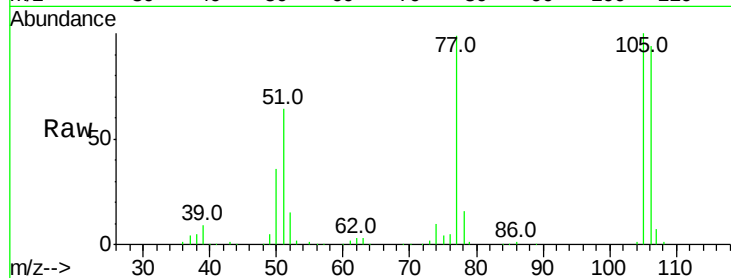
Tot Ion: 77 Resp: 147714

Ion Ratio Lower Upper

77 100

105 100.9 83.8 123.8

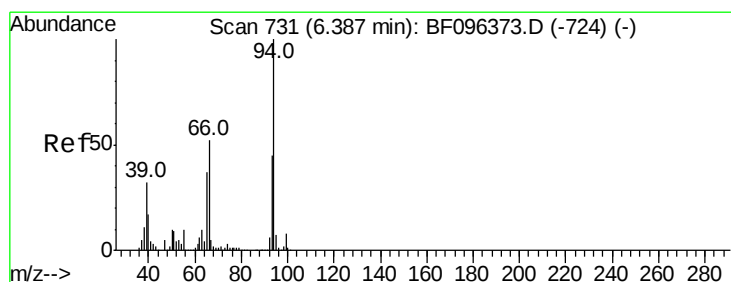
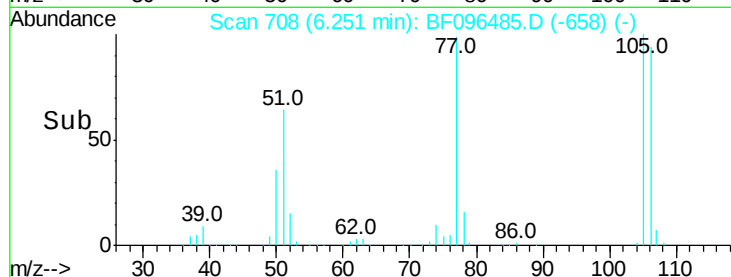
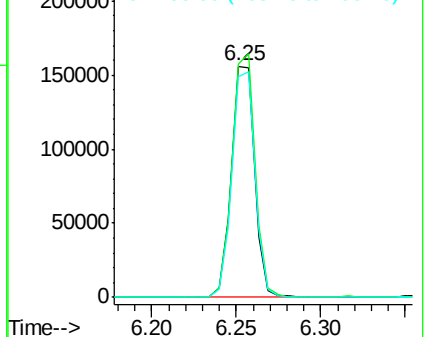
106 95.2 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.58 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

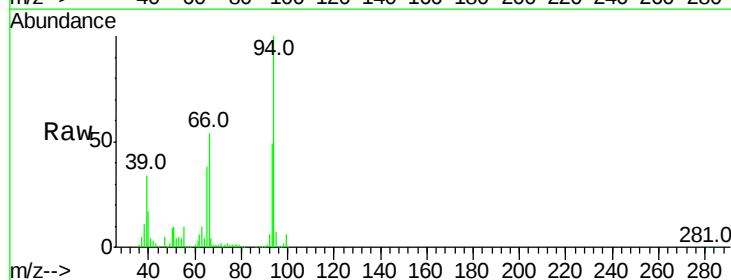
Tgt Ion: 94 Resp: 341891

Ion Ratio Lower Upper

94 100

65 38.0 9.9 49.9

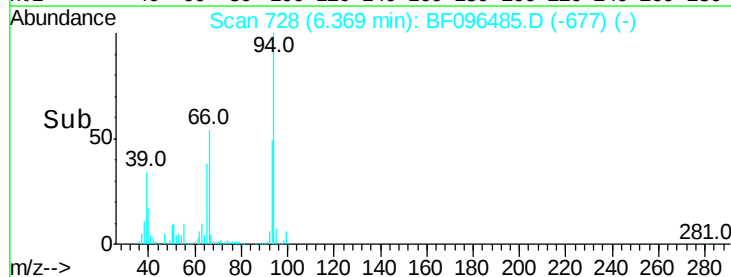
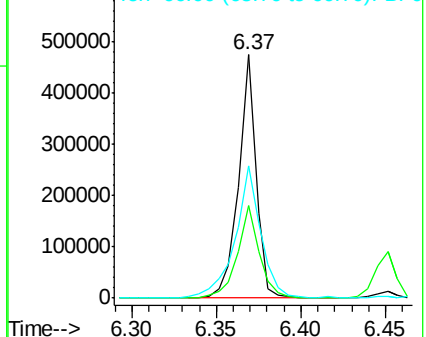
66 54.4 23.1 63.1

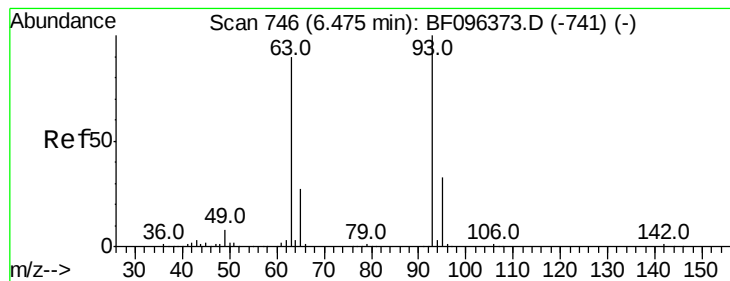


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.98 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

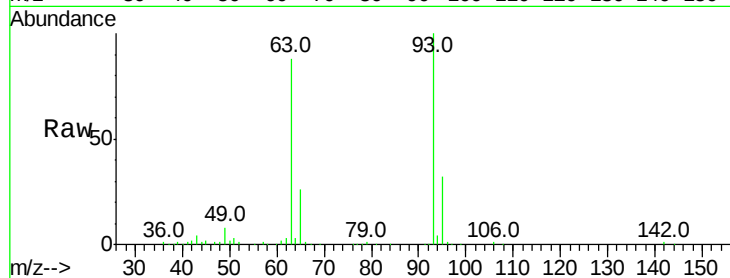
Tot Ion: 93 Resp: 292630

Ion Ratio Lower Upper

93 100

63 88.0 59.2 99.2

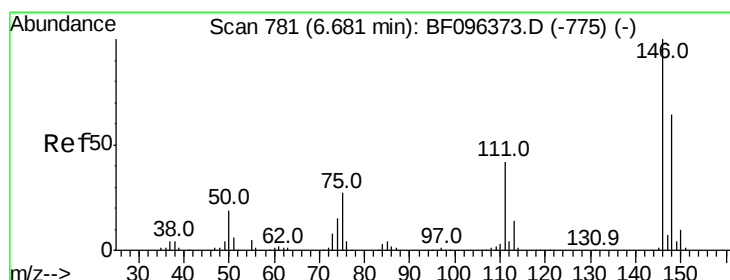
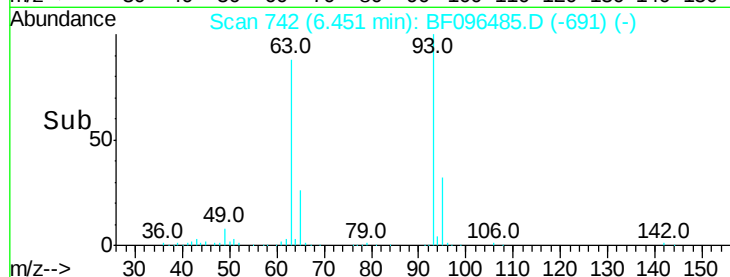
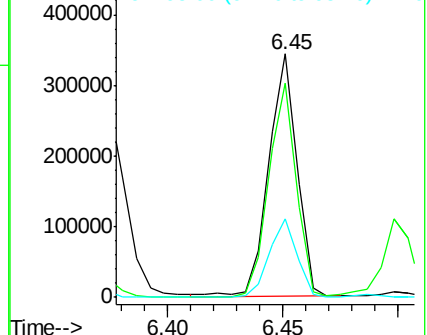
95 32.2 12.8 52.8



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: 34.20 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

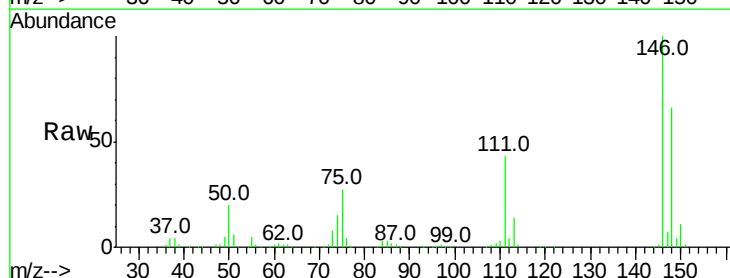
Tgt Ion: 146 Resp: 295558

Ion Ratio Lower Upper

146 100

148 66.3 51.8 77.6

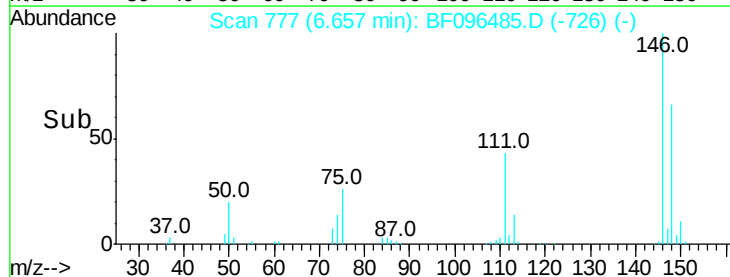
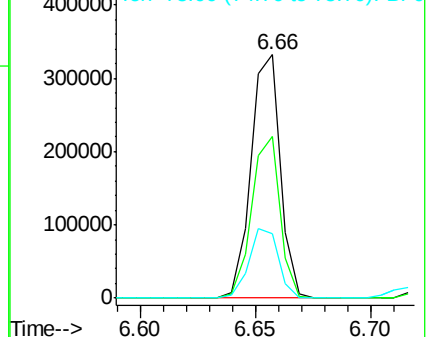
75 26.7 23.1 34.7

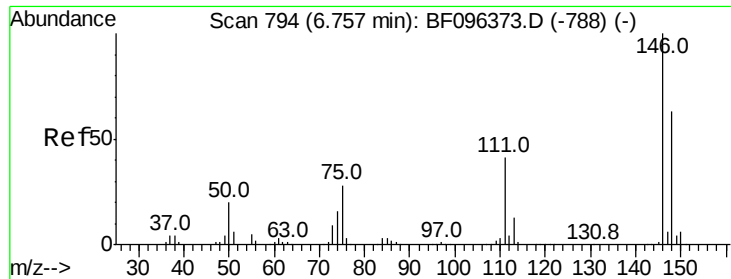


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

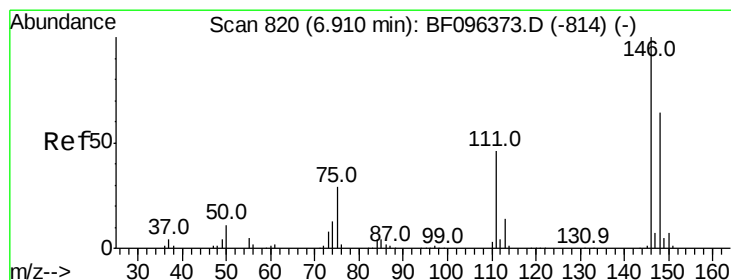
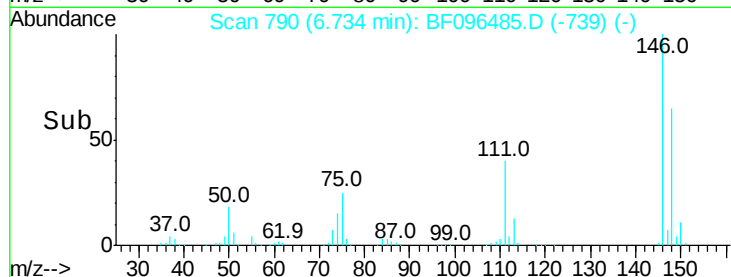
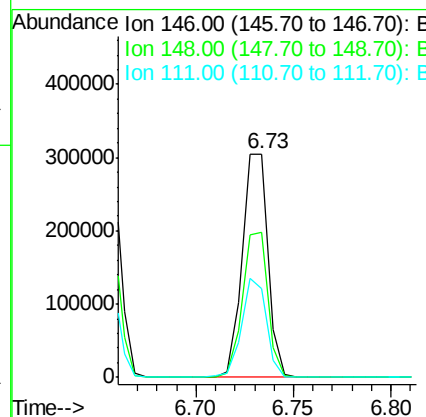
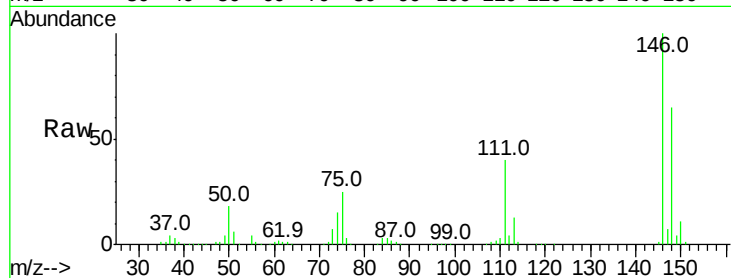




#13
 1,4-Dichlorobenzene
 Concen: 32.28 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

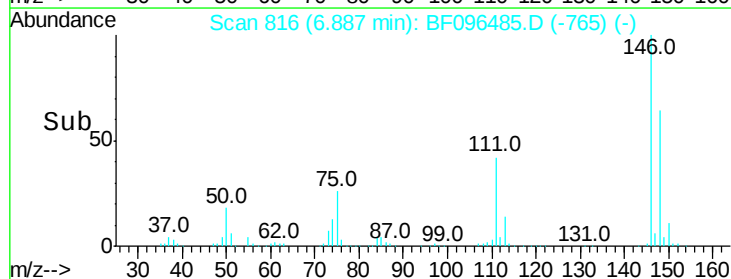
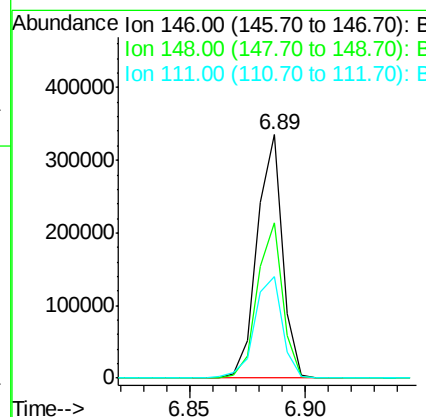
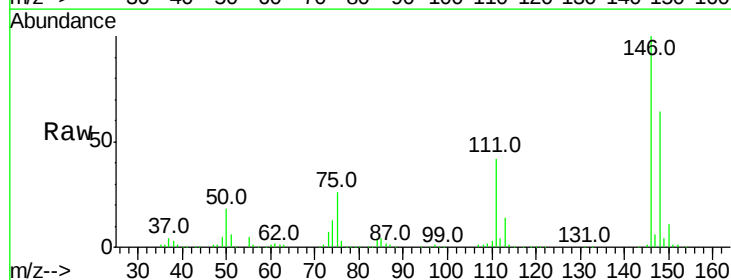
Instrument :
 BNA_F
 ClientSampleId :

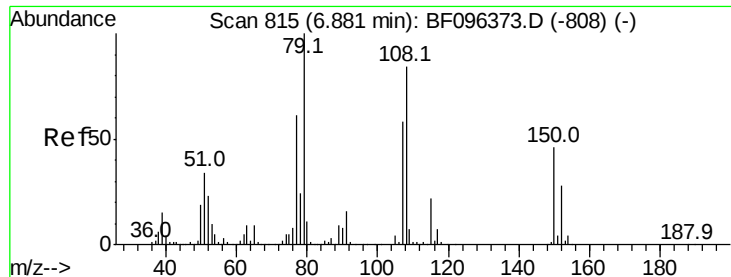
Tot Ion:146 Resp: 278805
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.2
 111 39.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 32.43 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

Tgt Ion:146 Resp: 257162
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 41.6 38.2 57.4





#15

Benzyl Alcohol

Concen: 32.18 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampled :

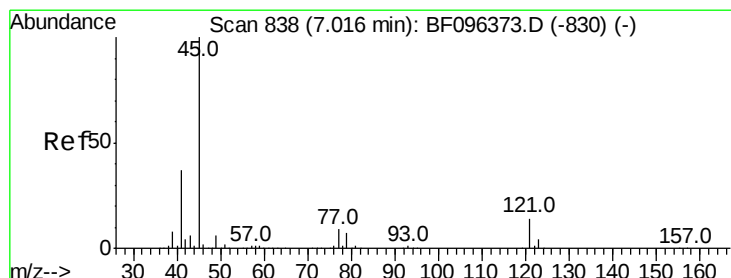
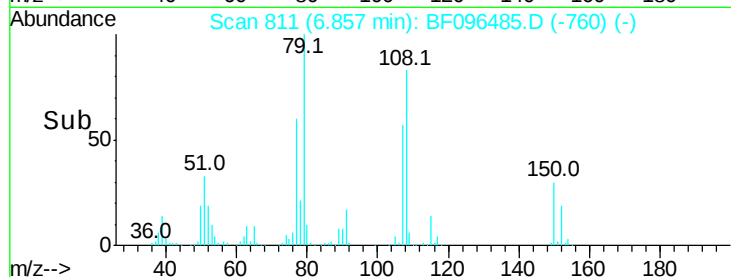
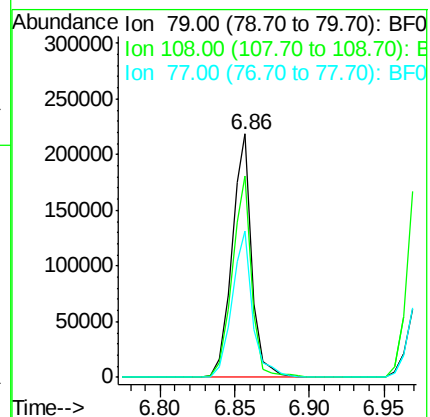
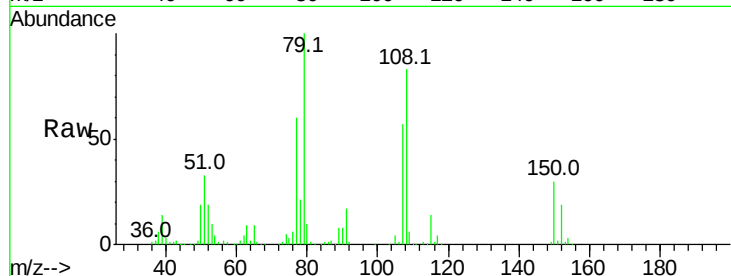
Tot Ion: 79 Resp: 204406

Ion Ratio Lower Upper

79 100

108 82.7 63.4 95.0

77 60.0 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.12 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

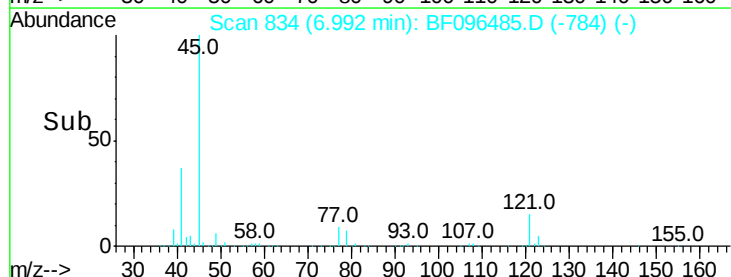
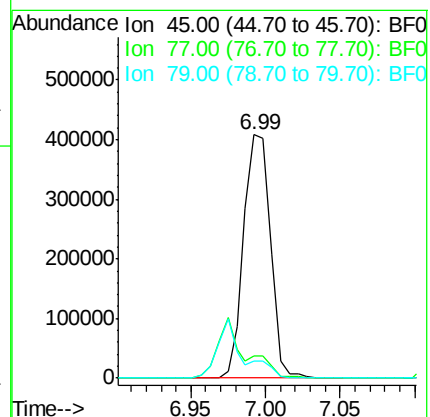
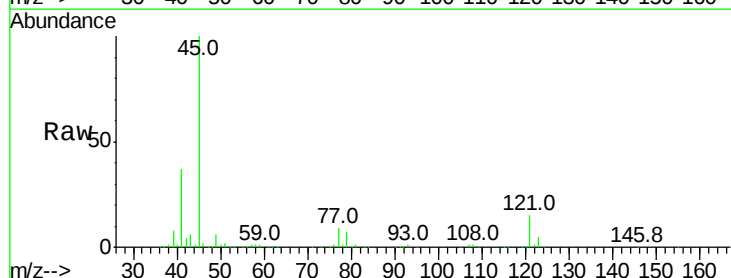
Tgt Ion: 45 Resp: 512288

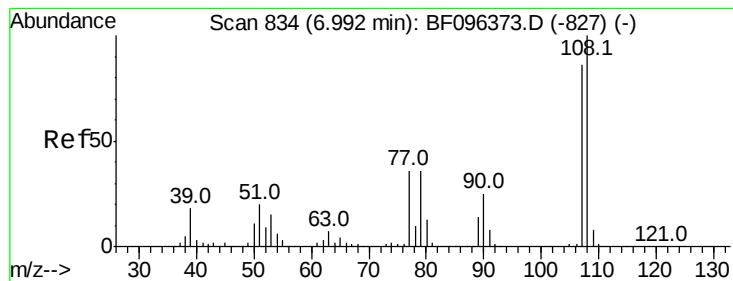
Ion Ratio Lower Upper

45 100

77 9.1 0.0 33.2

79 7.0 0.0 30.0





#17

2-Methylphenol

Concen: 30.48 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF096485.D

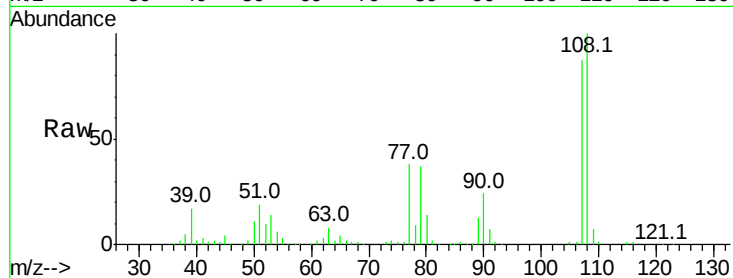
Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	200230
Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.4	140.0
77	42.9	35.8	53.6
79	41.8	34.8	52.2

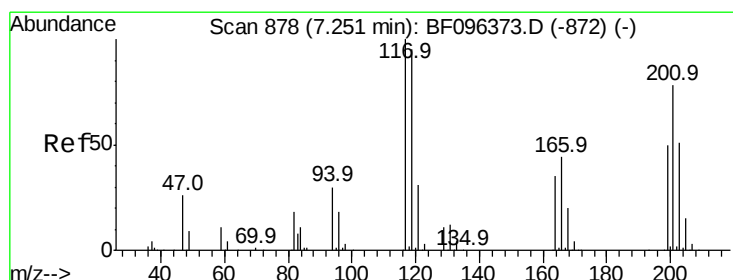
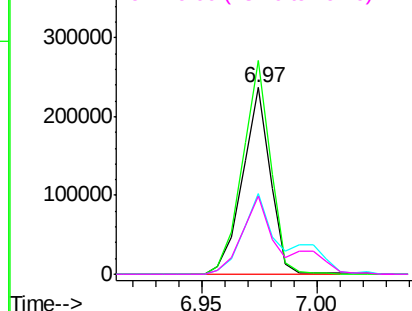
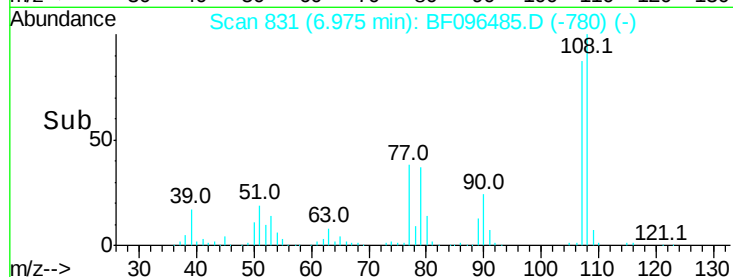


Abundance Ion 107.00 (106.70 to 107.70): E

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: 25.73 ng

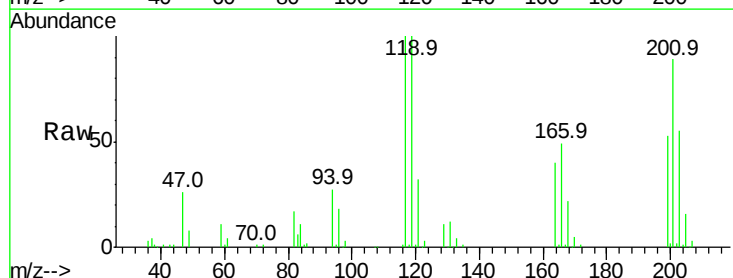
RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

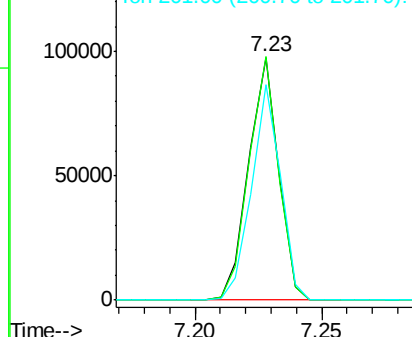
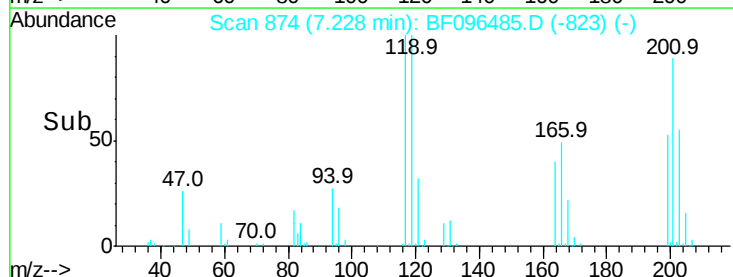
Tgt Ion:	117	Resp:	80585
Ion	Ratio	Lower	Upper
117	100		
119	100.4	77.4	116.0
201	88.9	94.6	141.8#

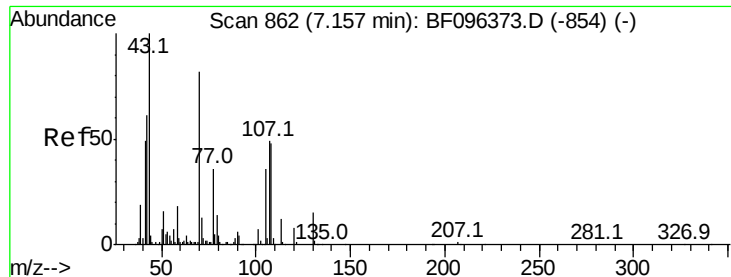


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

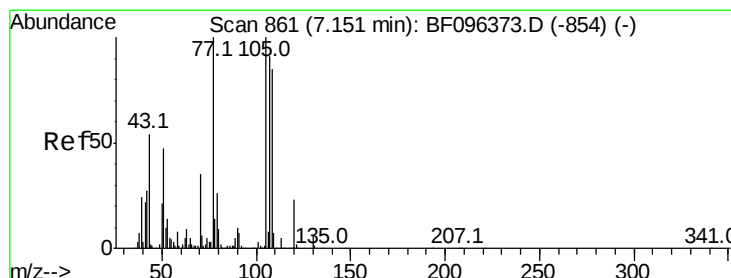
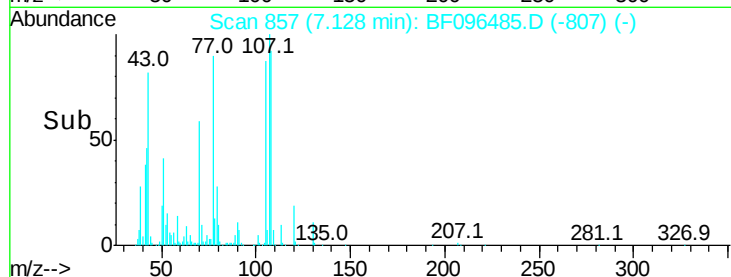
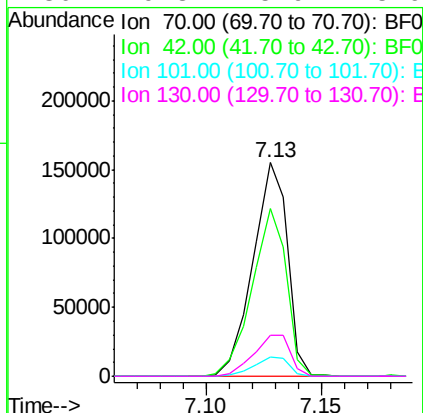
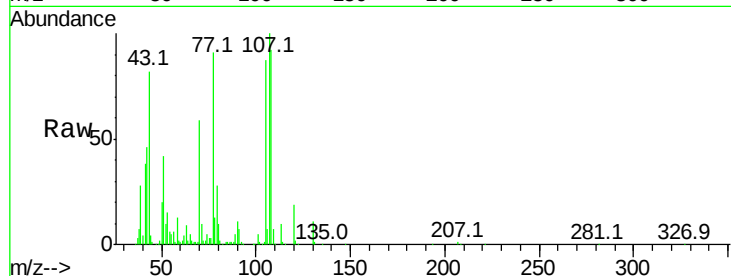




#19
n-Nitroso-di-n-propylamine
Concen: 28.57 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

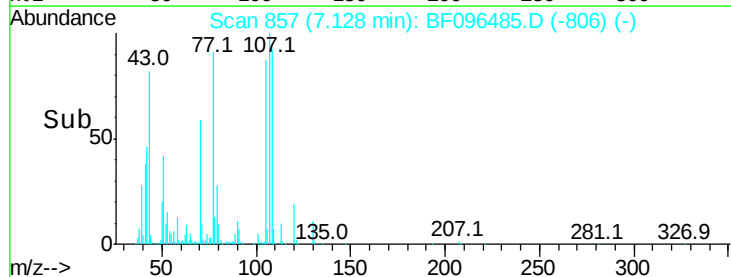
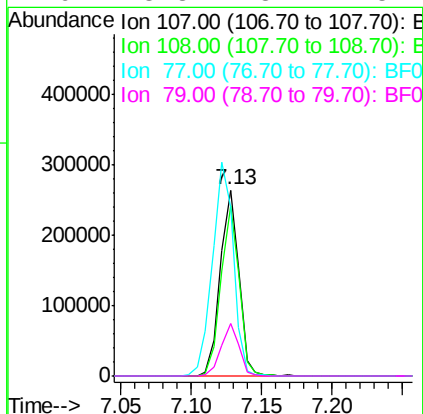
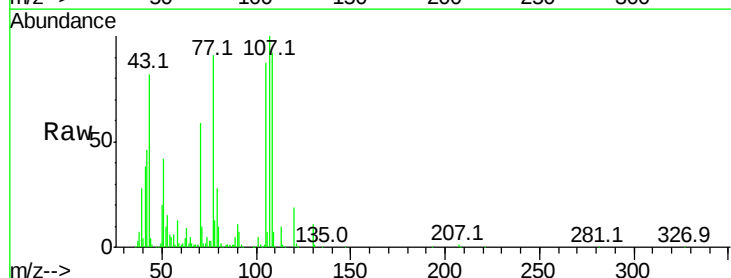
Instrument :
BNA_F
ClientSampleId :

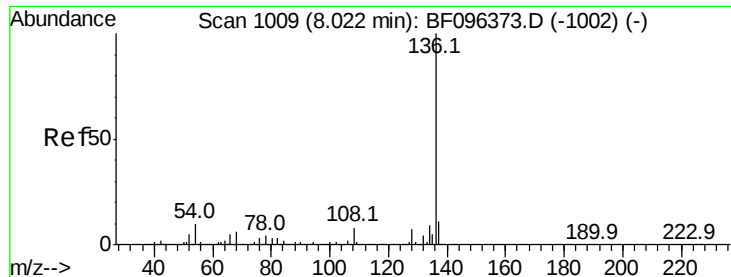
Tot Ion:	70	Resp:	161707
Ion	Ratio	Lower	Upper
70	100		
42	78.4	47.2	70.8#
101	9.0	7.2	10.8
130	19.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 33.30 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Tgt Ion:	107	Resp:	243936
Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.0	111.0
77	90.5	90.5	130.5
79	28.3	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: BF096485.D

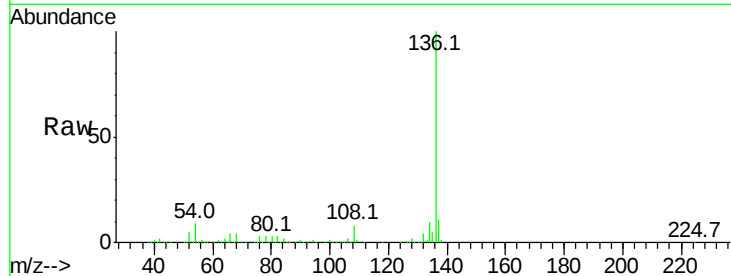
Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	415369
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.2	4.9	7.3#
68	4.4	4.1	6.1

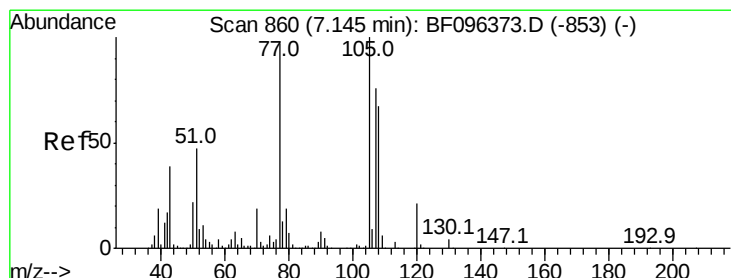
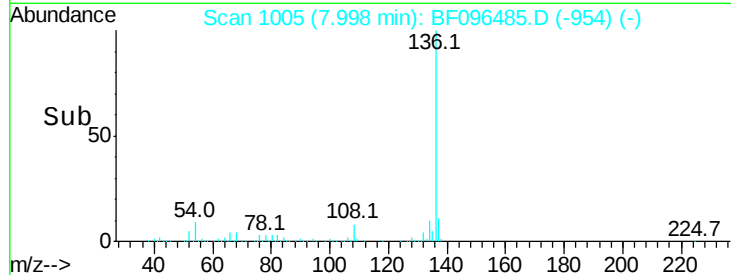
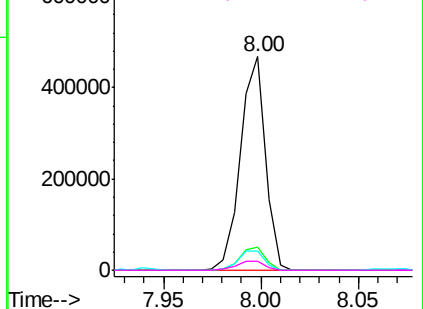


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.34 ng

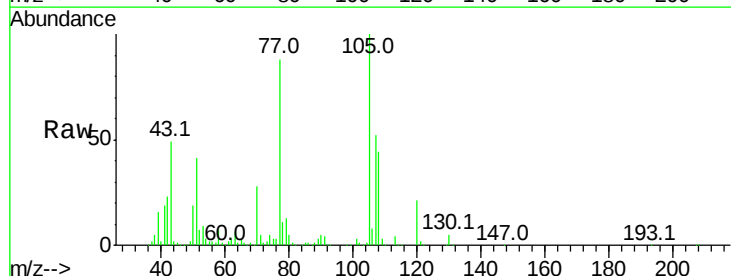
RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Tgt Ion:	105	Resp:	329843
Ion	Ratio	Lower	Upper
105	100		
71	4.8	2.8	4.2#
51	41.2	30.7	46.1
120	21.1	17.4	26.0

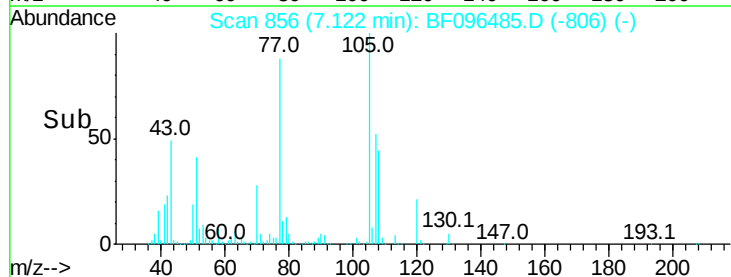
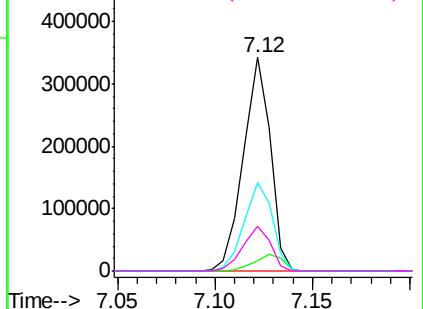


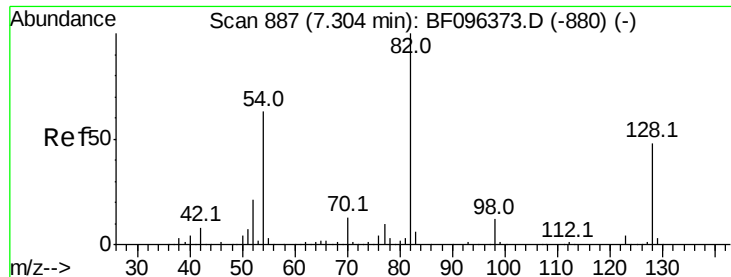
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

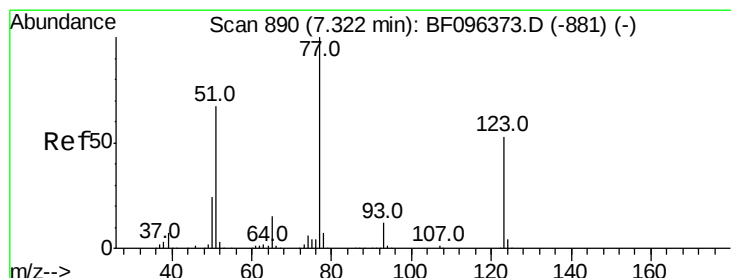
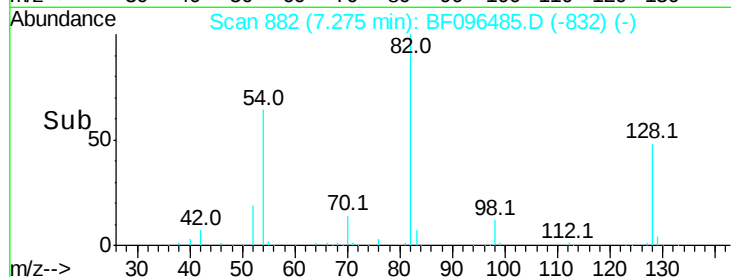
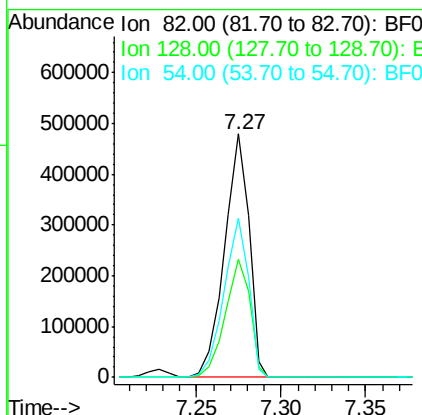
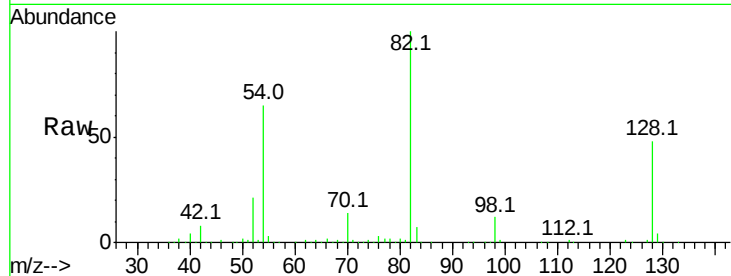




#23
 Nitrobenzene-d5
 Concen: 69.95 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

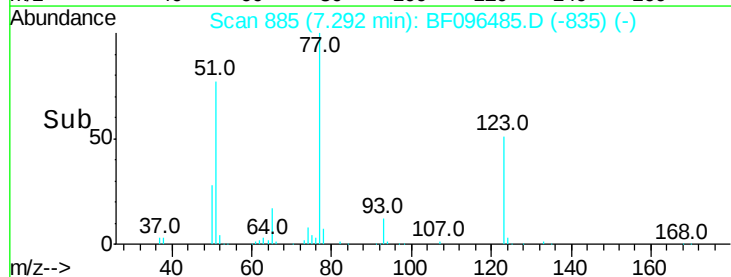
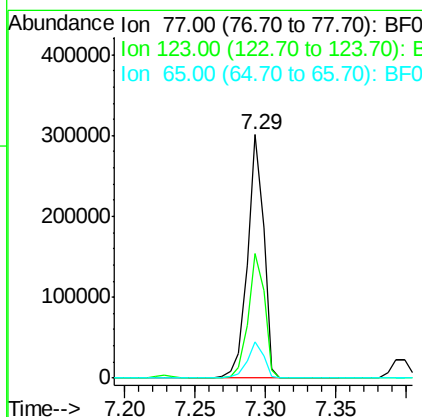
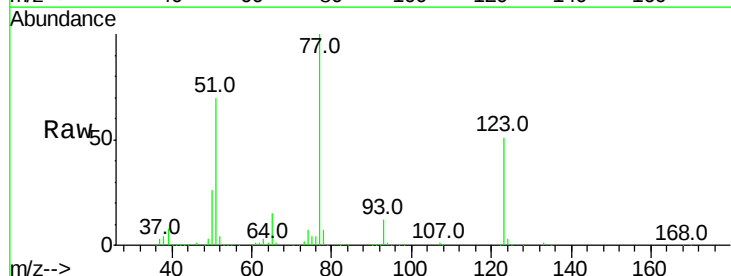
Instrument :
 BNA_F
 ClientSampleId :

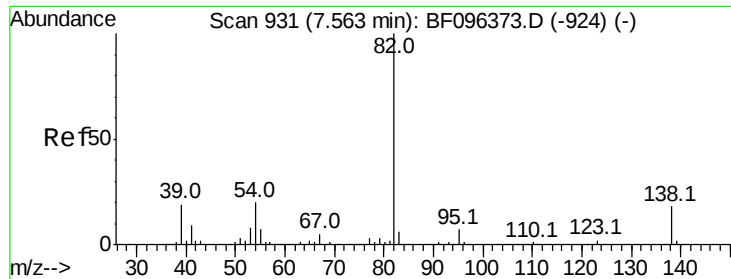
Tot Ion: 82 Resp: 483553
 Ion Ratio Lower Upper
 82 100
 128 48.4 34.0 51.0
 54 65.2 42.2 63.2#



#24
 Nitrobenzene
 Concen: 33.34 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

Tgt Ion: 77 Resp: 241747
 Ion Ratio Lower Upper
 77 100
 123 51.0 35.8 53.8
 65 15.1 10.6 15.8





#25

Isophorone

Concen: 32.93 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

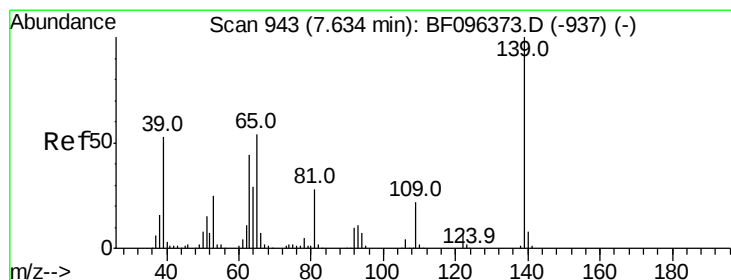
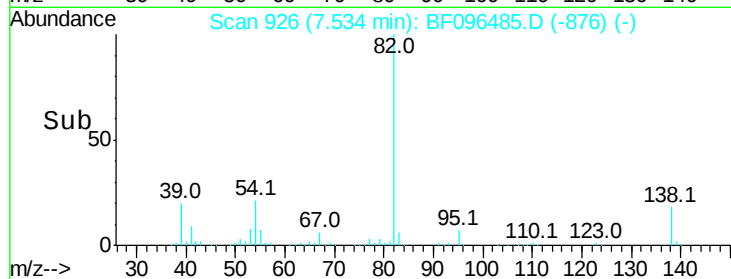
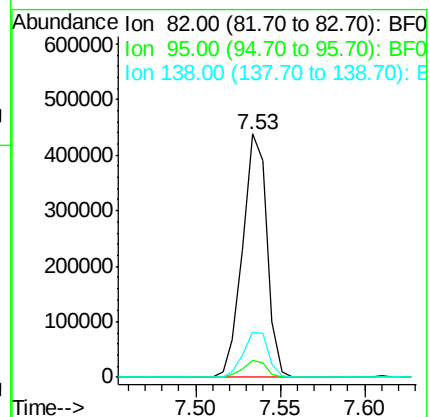
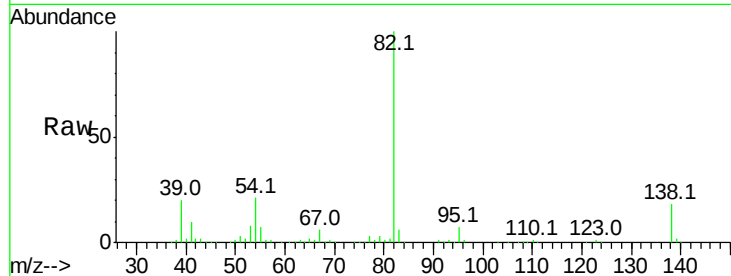
Tot Ion: 82 Resp: 441359

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 18.4 13.1 19.7



#26

2-Nitrophenol

Concen: 30.08 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

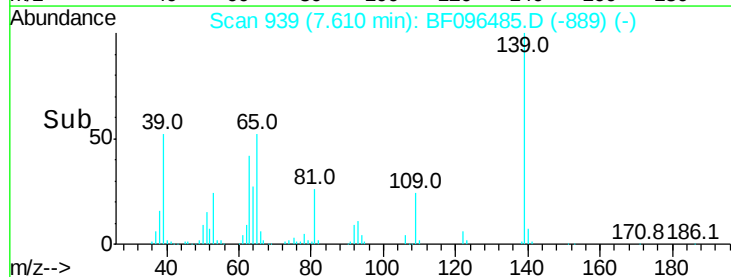
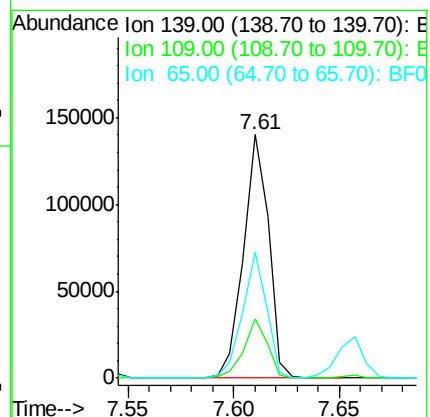
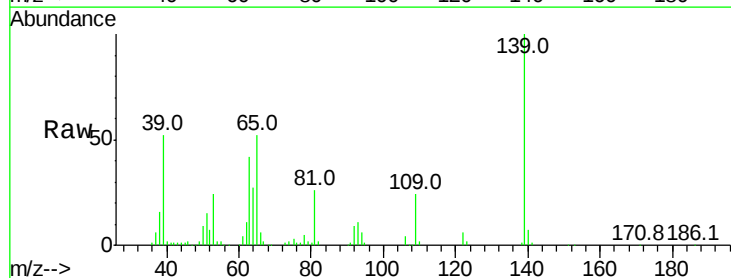
Tgt Ion: 139 Resp: 115462

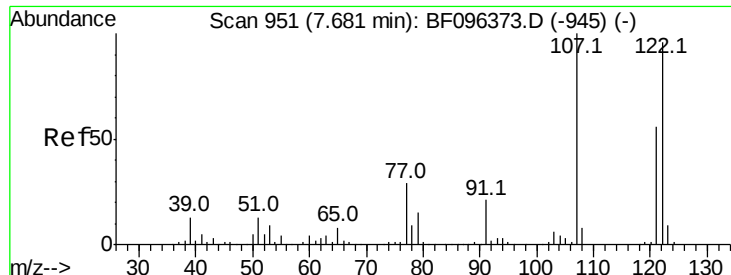
Ion Ratio Lower Upper

139 100

109 24.4 21.0 31.6

65 51.8 33.0 49.6#

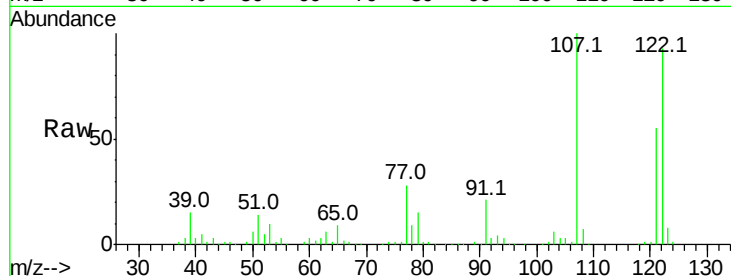




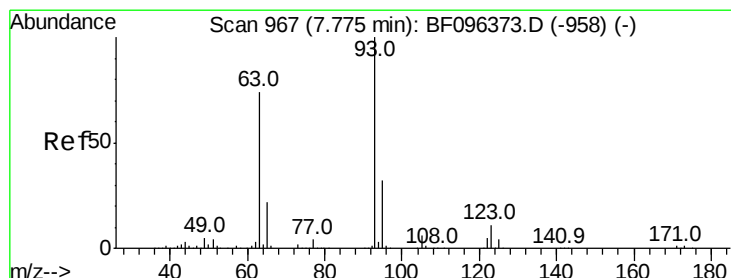
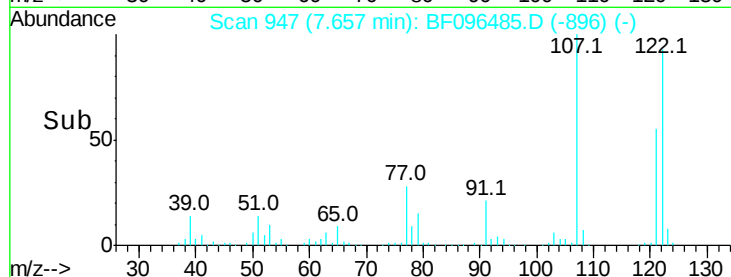
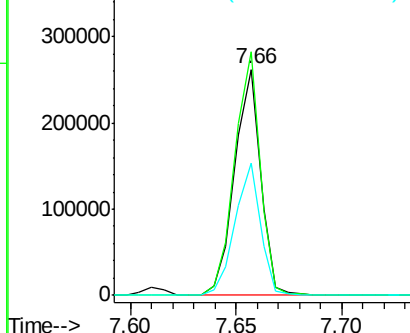
#27
2,4-Dimethylphenol
Concen: 34.15 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 223177
Ion Ratio Lower Upper
122 100
107 107.6 89.2 133.8
121 58.7 45.2 67.8

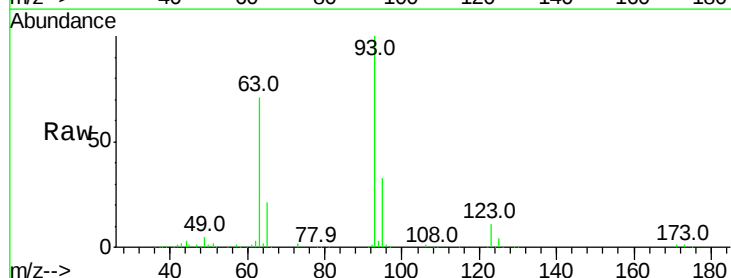


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

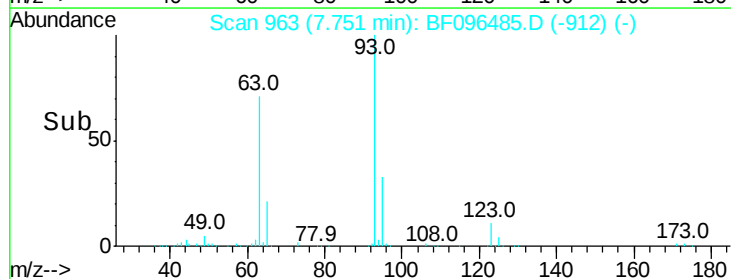
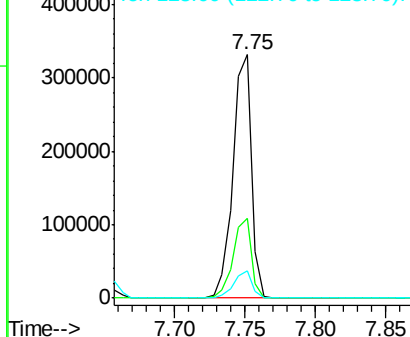


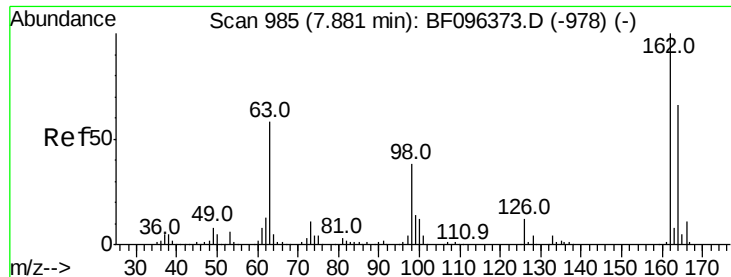
#28
bis(2-Chloroethoxy)methane
Concen: 34.27 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Tgt Ion: 93 Resp: 303161
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 11.3 9.0 13.4



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

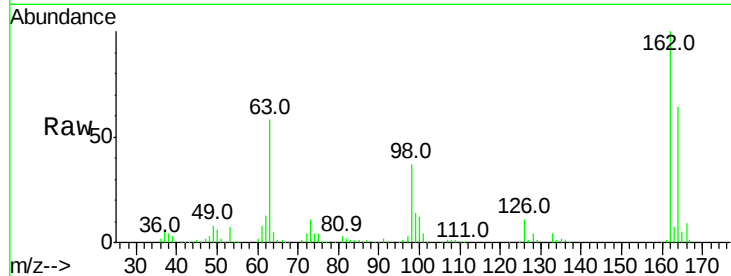




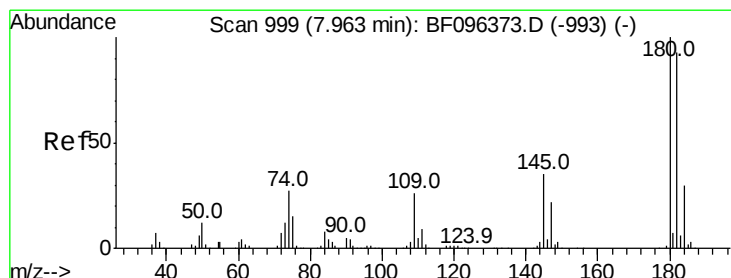
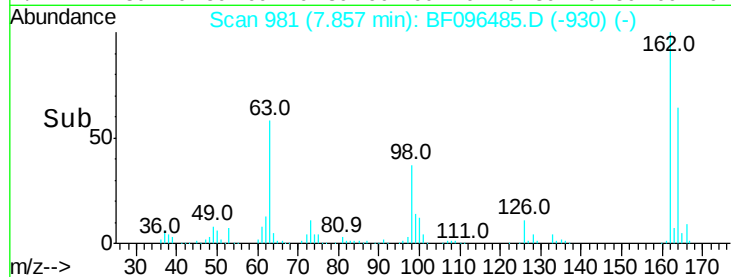
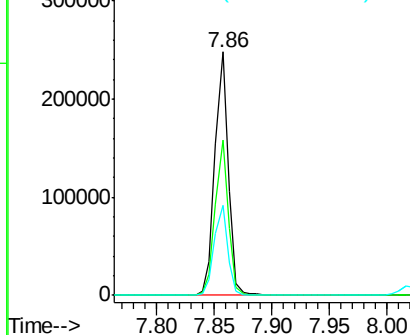
#29
2,4-Dichlorophenol
Concen: 35.79 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 201802
Ion Ratio Lower Upper
162 100
164 63.7 44.6 84.6
98 37.1 14.8 54.8

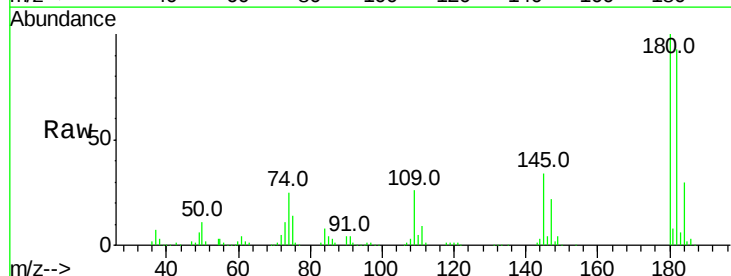


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

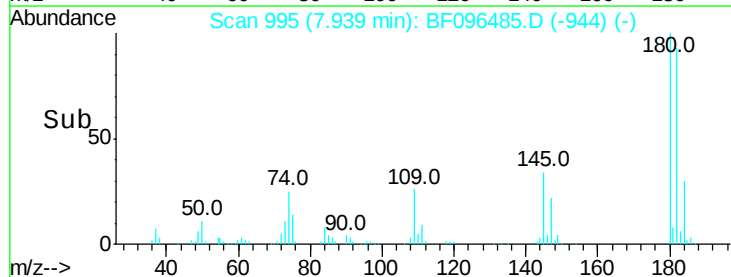
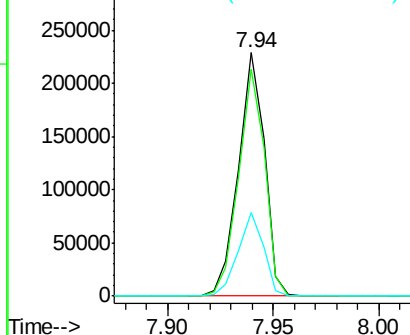


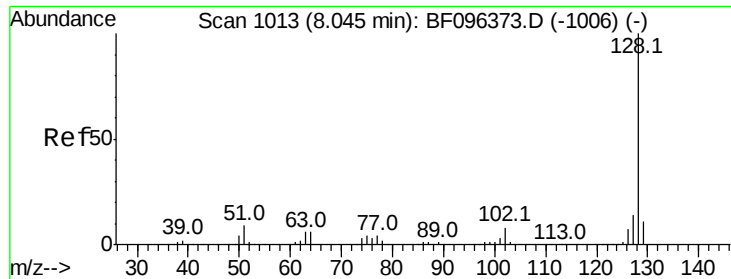
#30
1,2,4-Trichlorobenzene
Concen: 36.77 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Tgt Ion:180 Resp: 195564
Ion Ratio Lower Upper
180 100
182 93.4 75.8 113.6
145 34.3 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

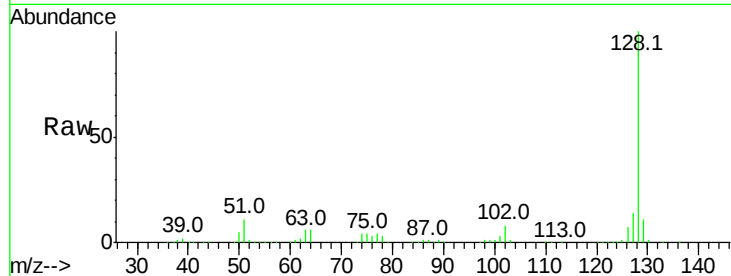




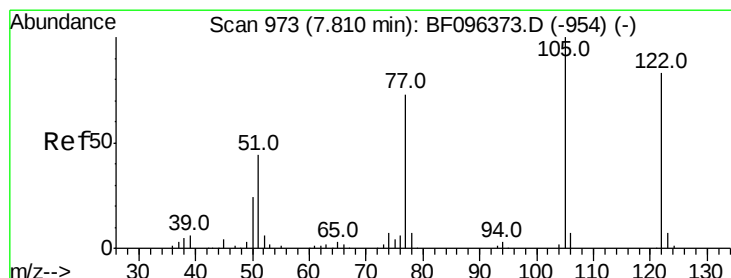
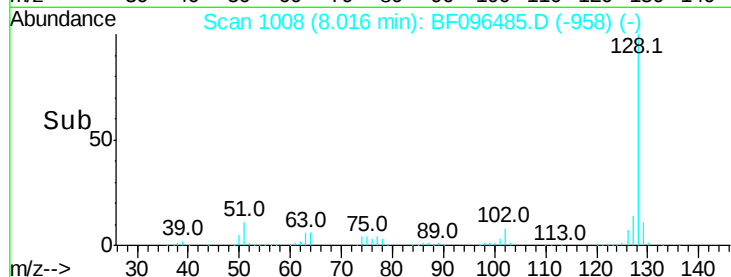
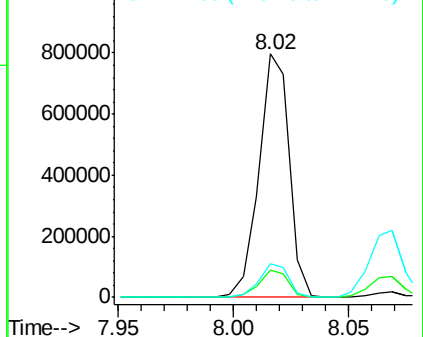
#31
Naphthalene
Concen: 37.12 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 727928
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.8 16.2

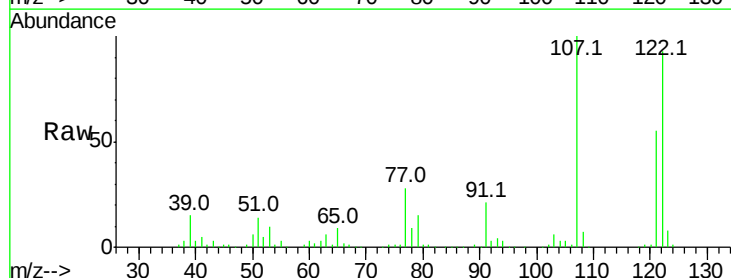


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

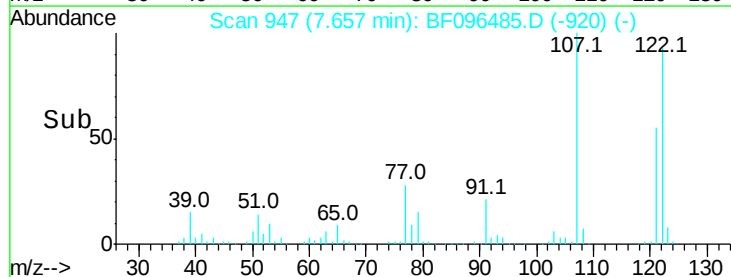
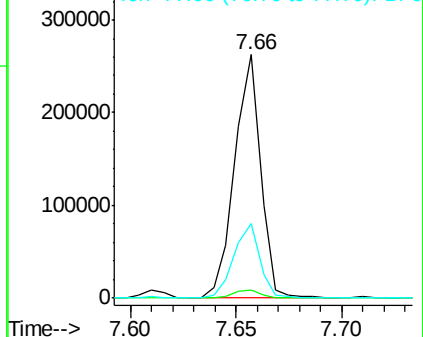


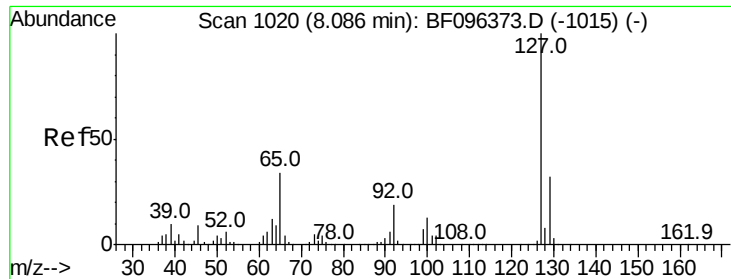
#32
Benzoic acid
Concen: 40.66 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.14 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Tgt Ion:122 Resp: 223177
Ion Ratio Lower Upper
122 100
105 3.6 103.3 143.3#
77 30.4 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

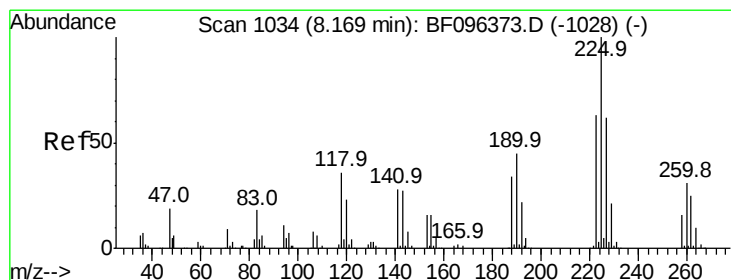
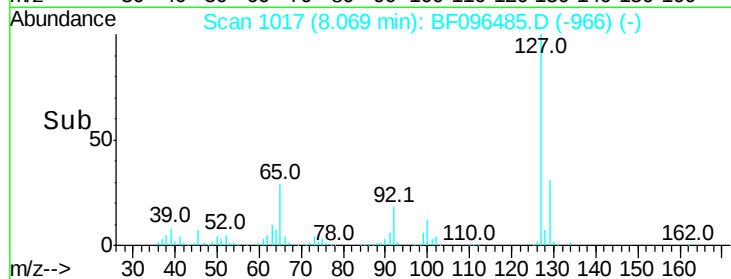
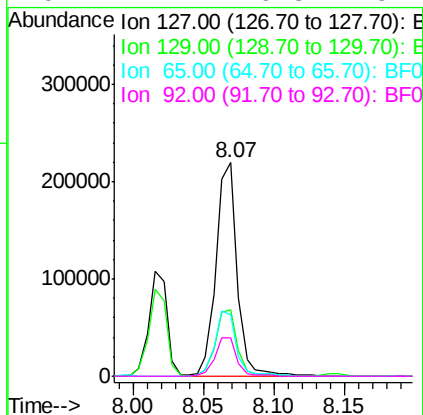
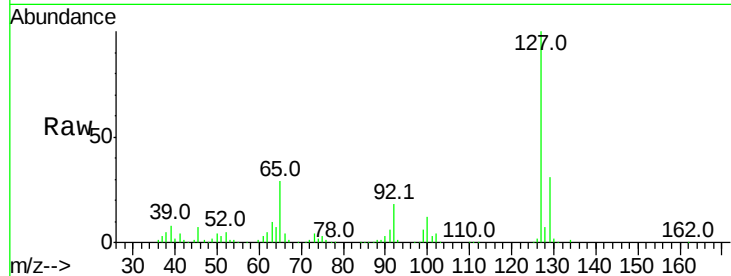




#33
4-Chloroaniline
Concen: 28.13 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

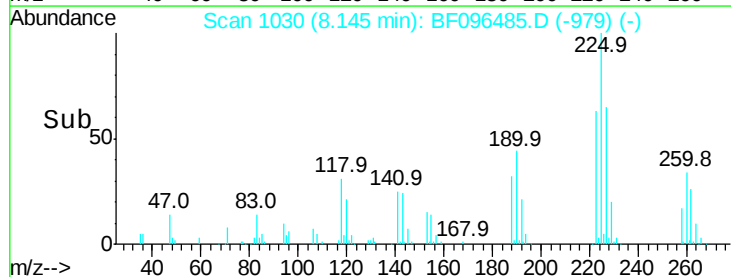
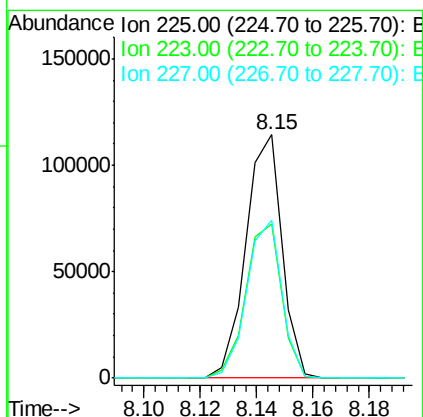
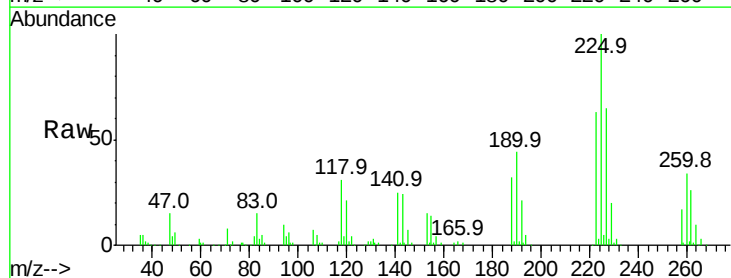
Instrument :
BNA_F
ClientSampleId :

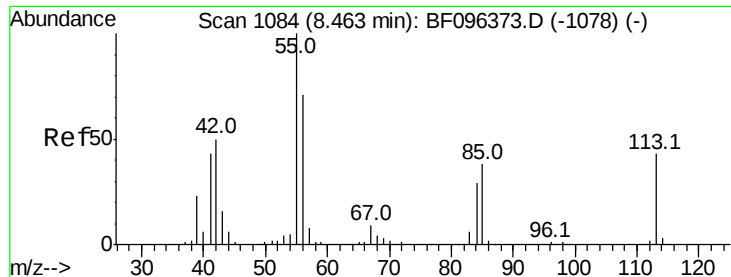
Tot Ion:	127	Resp:	229156
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.2
65	28.9	27.8	41.8
92	17.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 37.26 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Tgt Ion:	225	Resp:	101637
Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.8	73.2
227	65.0	51.1	76.7





#35

Caprolactam

Concen: 31.30 ng

RT: 8.42 min Scan# 1077

Delta R.T. -0.03 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampled :

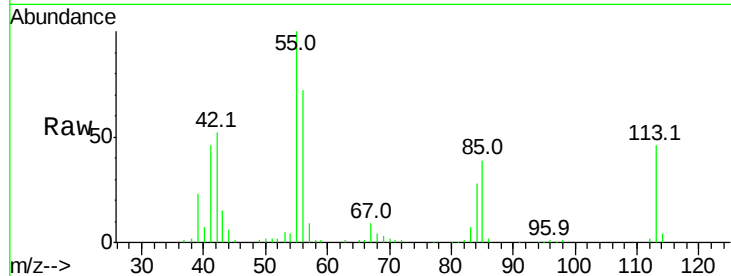
Tot Ion:113 Resp: 60866

Ion Ratio Lower Upper

113 100

55 215.2 150.2 190.2#

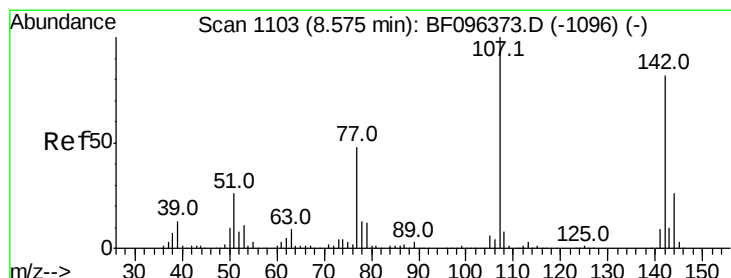
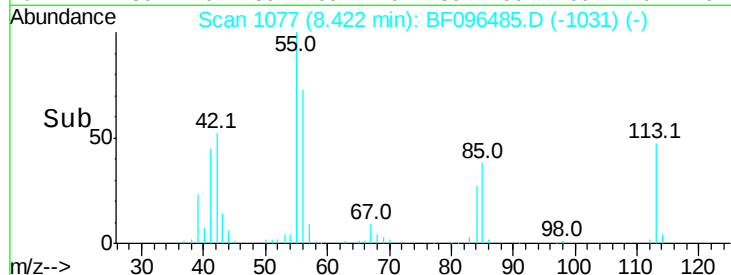
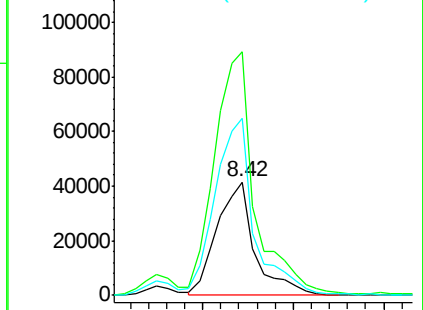
56 156.0 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 32.99 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

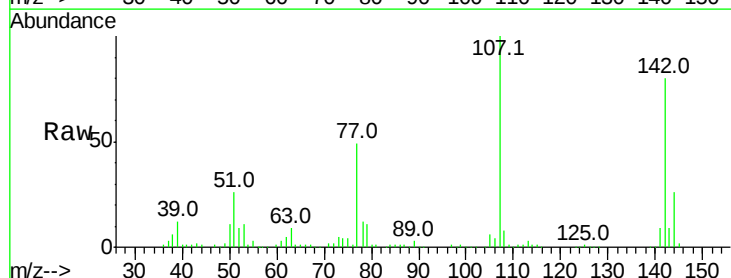
Tgt Ion:107 Resp: 205838

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

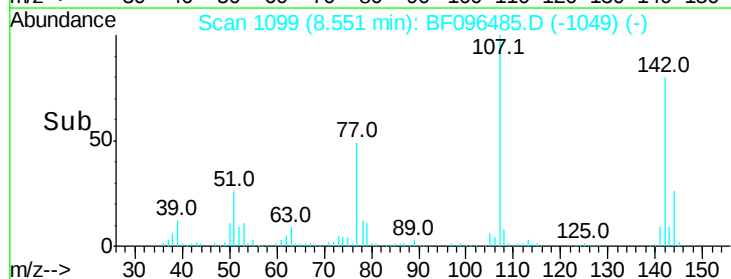
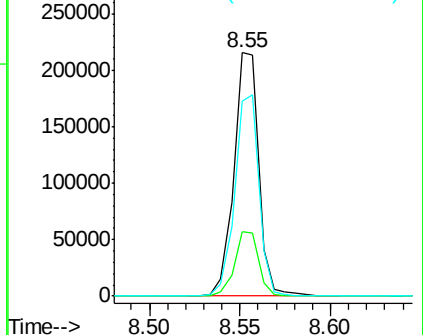
142 80.2 73.4 110.0

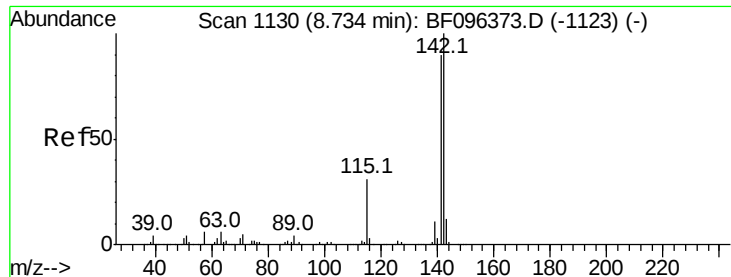


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

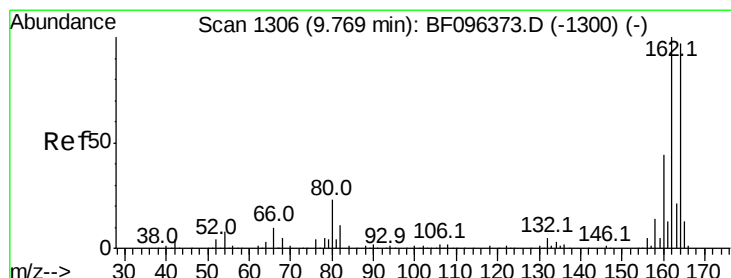
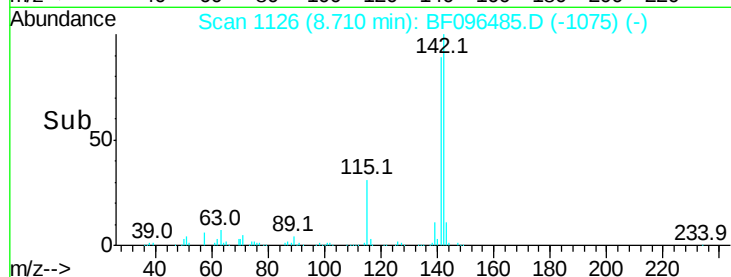
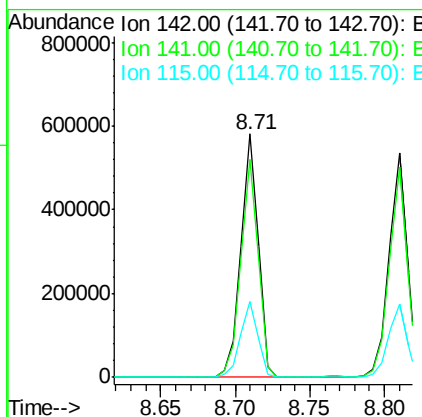
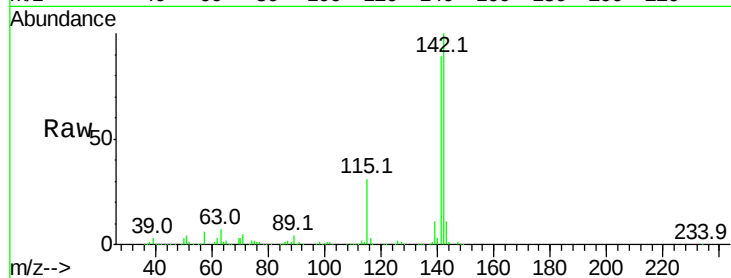




#37
2-Methylnaphthalene
Concen: 37.95 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

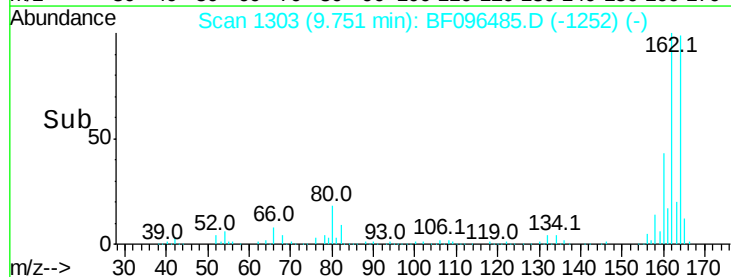
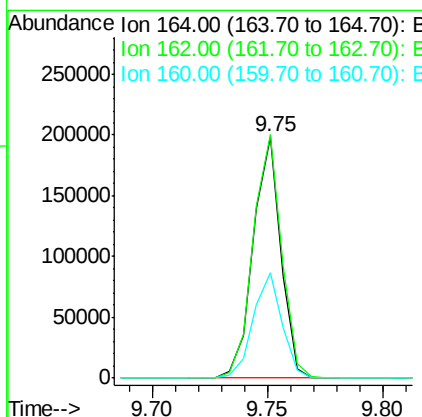
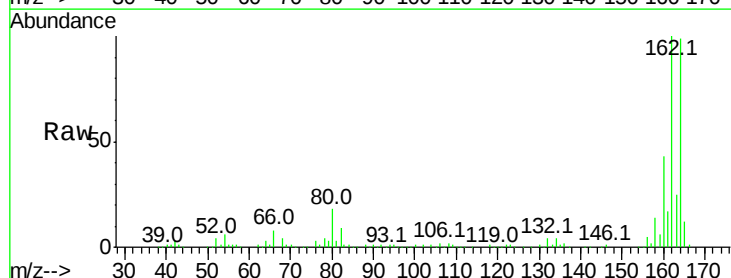
Instrument :
BNA_F
ClientSampleId :

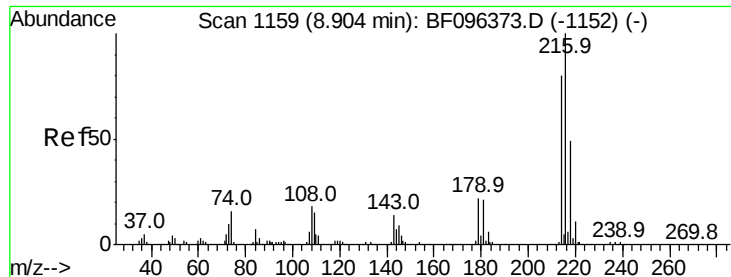
Tot Ion:142 Resp: 473751
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9
115 31.2 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Tgt Ion:164 Resp: 166464
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 43.7 36.2 54.2

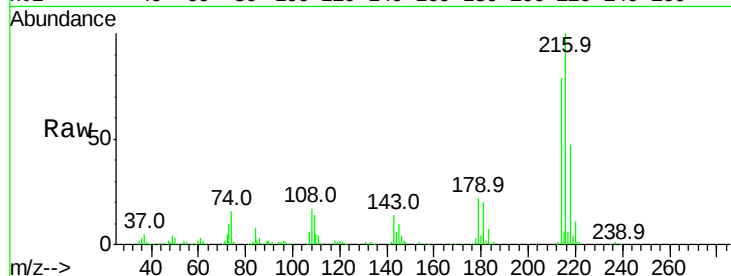




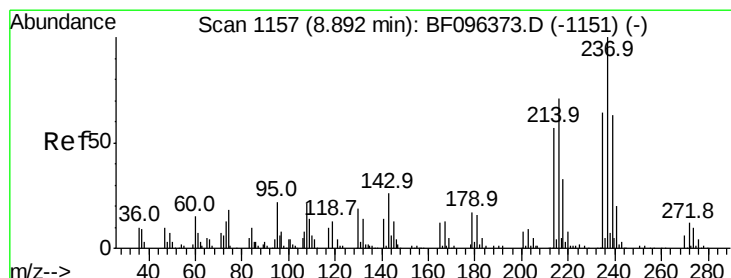
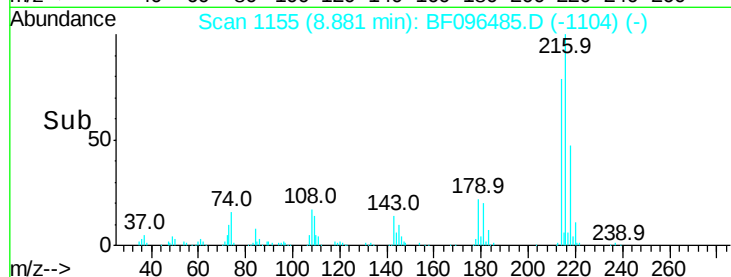
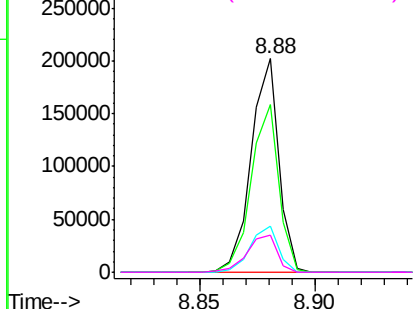
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.24 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	169585
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	22.1	17.9	26.9
108	19.1	16.5	24.7

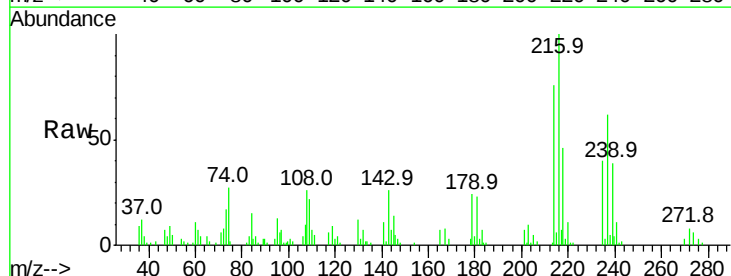


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

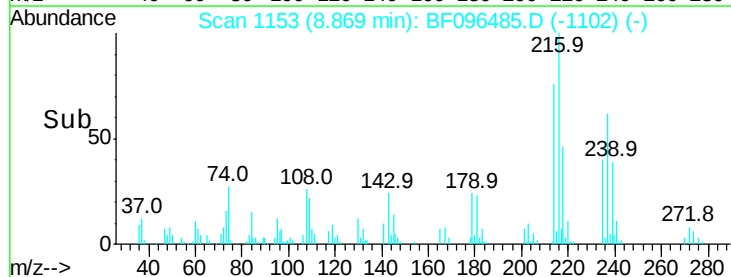
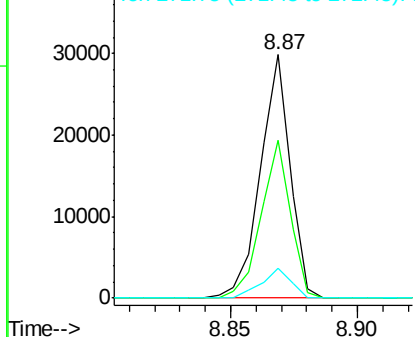


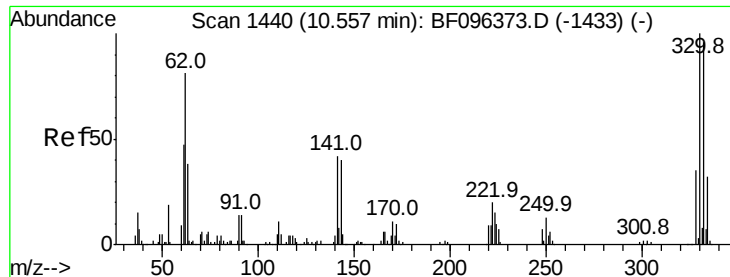
#40
 Hexachlorocyclopentadiene
 Concen: 11.69 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

Tgt Ion:	237	Resp:	24559
Ion	Ratio	Lower	Upper
237	100		
235	64.9	42.6	82.6
272	12.4	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

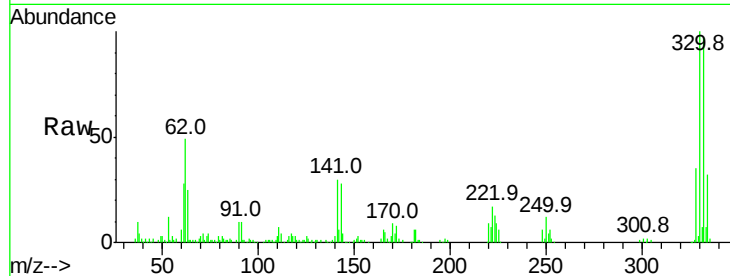




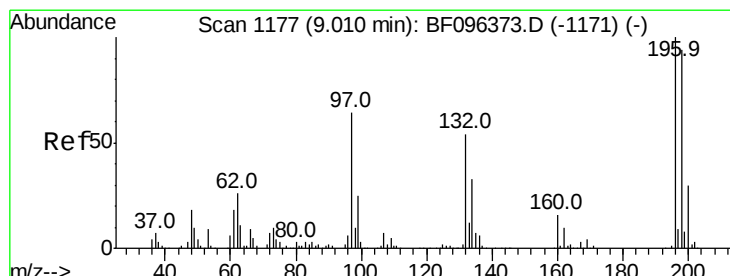
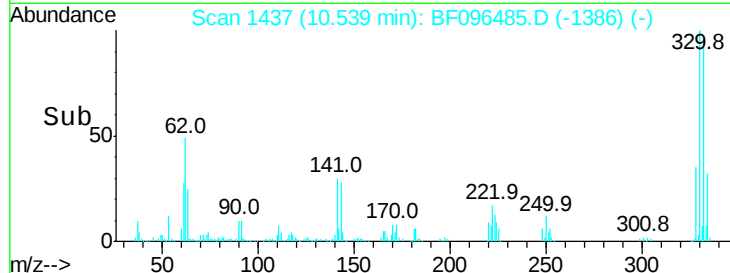
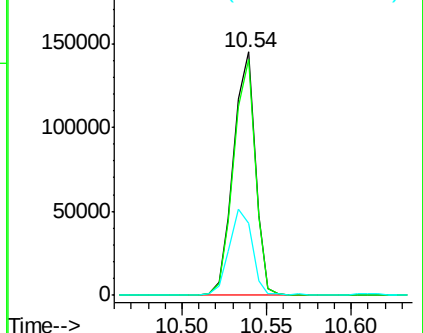
#41
 2,4,6-Tribromophenol
 Concen: 100.70 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 130935
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 38.5 31.4 47.2

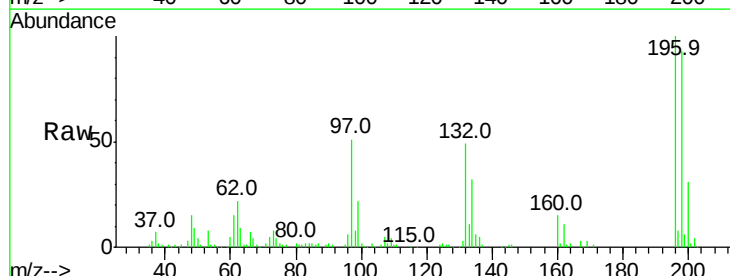


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

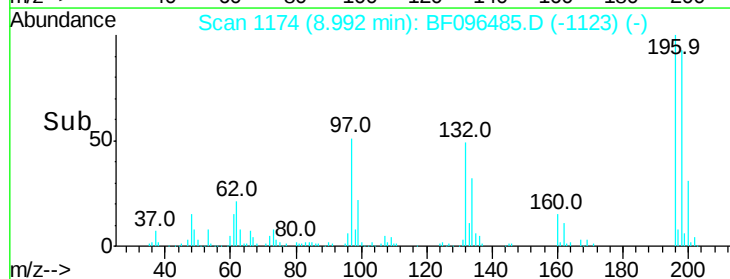
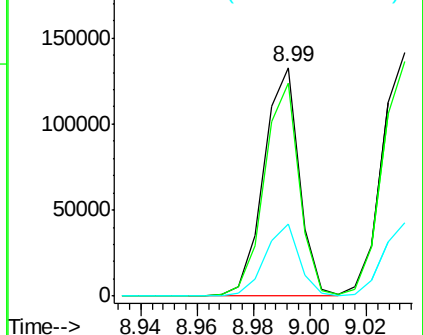


#42
 2,4,6-Trichlorophenol
 Concen: 33.85 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

Tgt Ion:196 Resp: 115746
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.2 111.4
 200 31.3 24.0 36.0



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

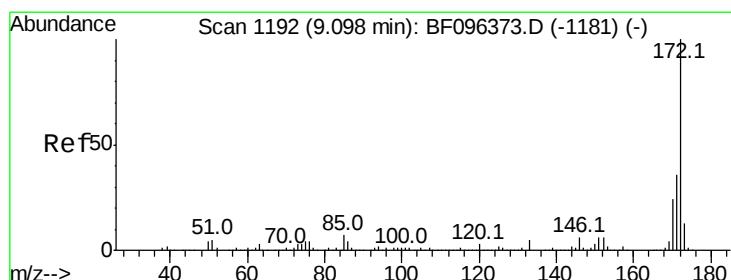
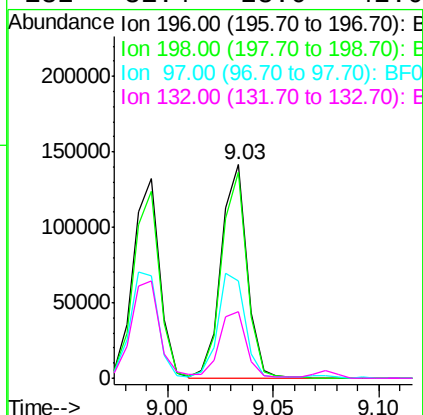
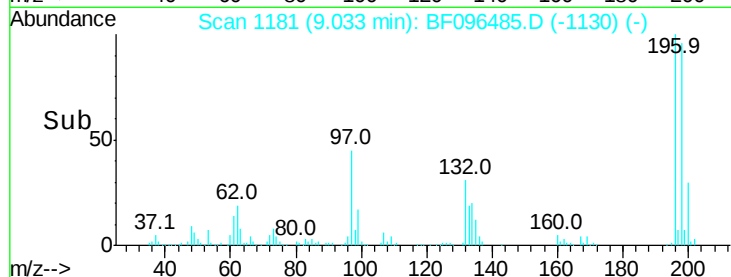
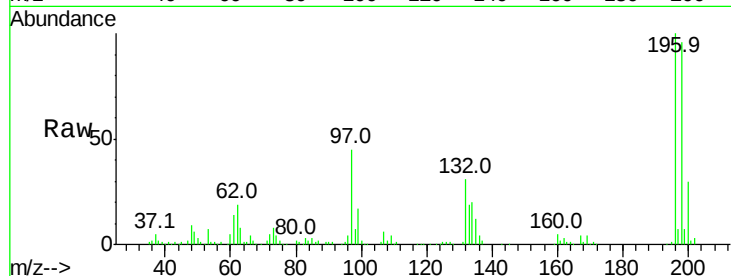




#43
 2,4,5-Trichlorophenol
 Concen: 35.63 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

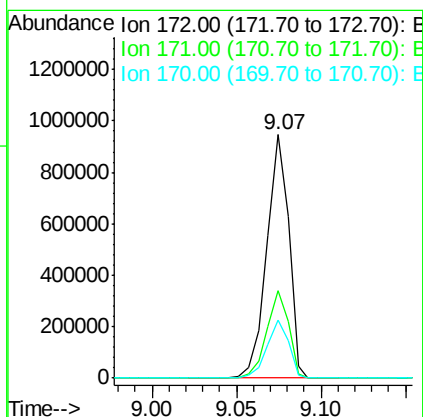
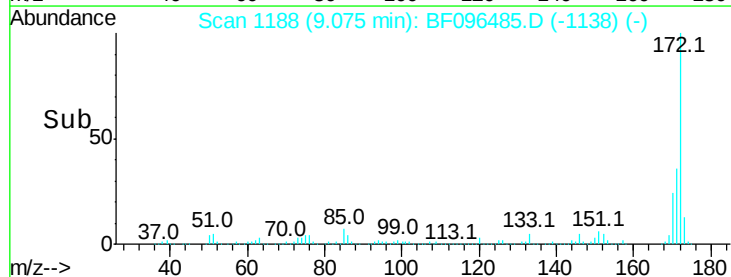
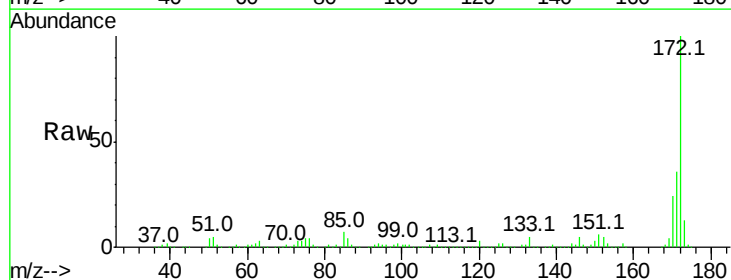
Instrument :
 BNA_F
 ClientSampleId :

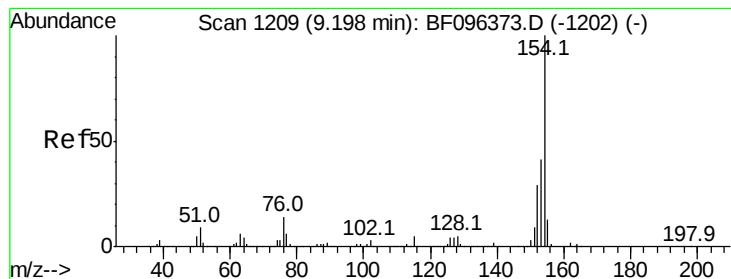
Tot Ion:	196	Resp:	120461
Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.7	113.5
97	45.5	47.7	71.5#
132	31.4	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 87.41 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

Tgt Ion:	172	Resp:	851007
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.0	19.8	29.8





#45

1,1'-Biphenyl

Concen: 36.09 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

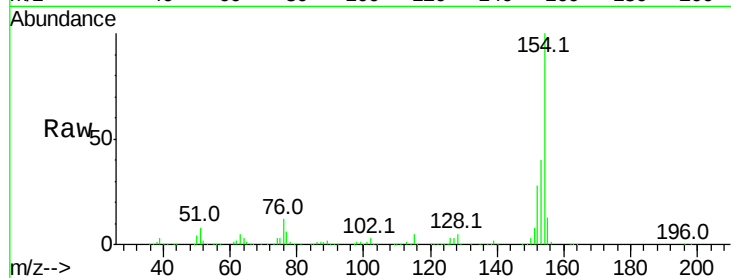
Tot Ion:154 Resp: 514814

Ion Ratio Lower Upper

154 100

153 39.8 21.2 61.2

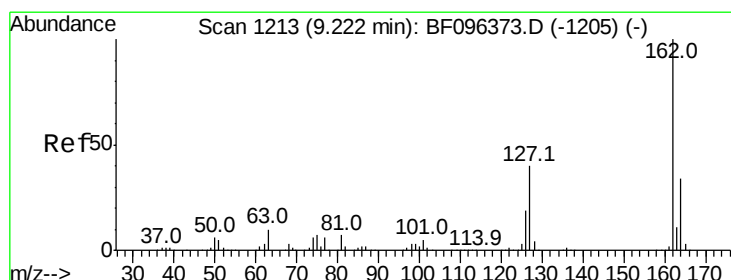
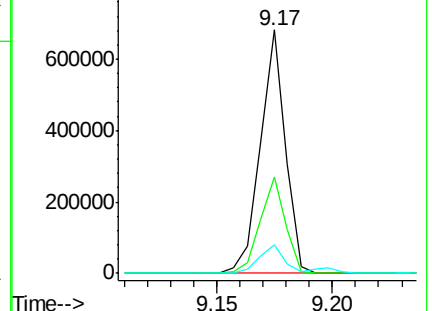
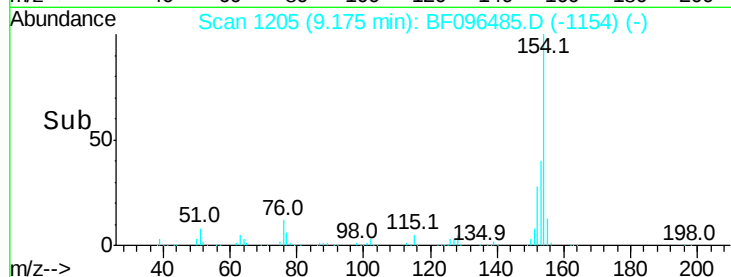
76 11.6 0.0 29.9



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: 37.33 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

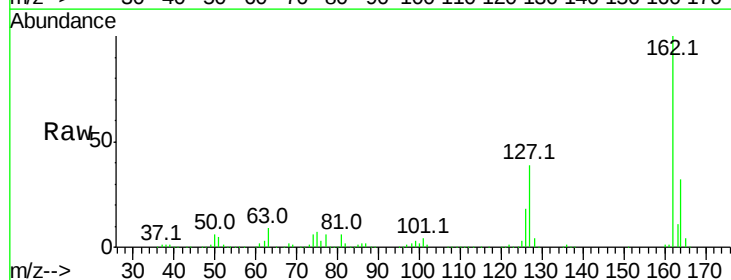
Tgt Ion:162 Resp: 396839

Ion Ratio Lower Upper

162 100

127 39.4 28.3 42.5

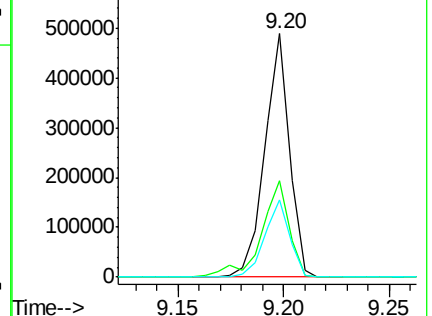
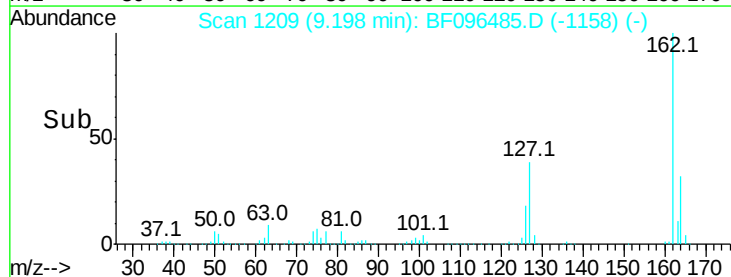
164 31.6 27.0 40.4

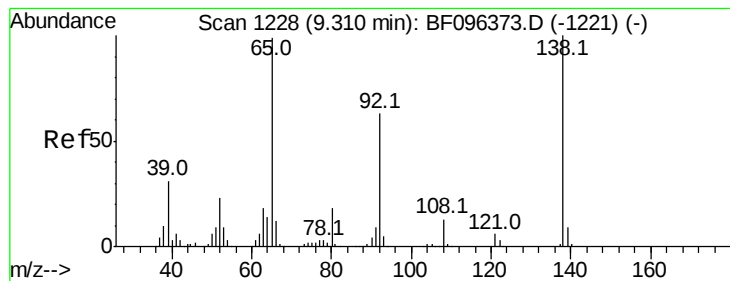


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.35 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampled :

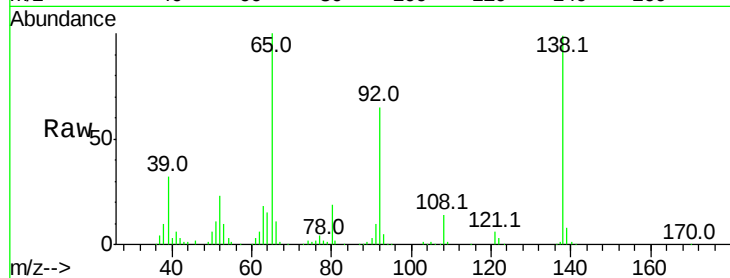
Tot Ion: 65 Resp: 136731

Ion Ratio Lower Upper

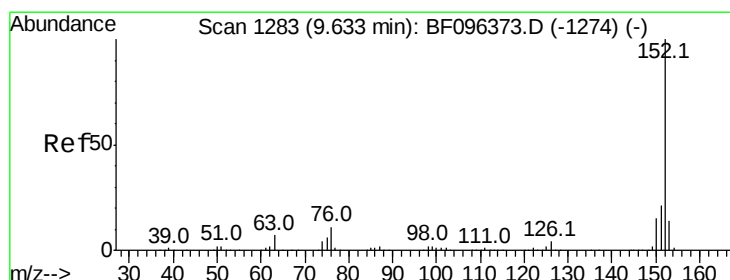
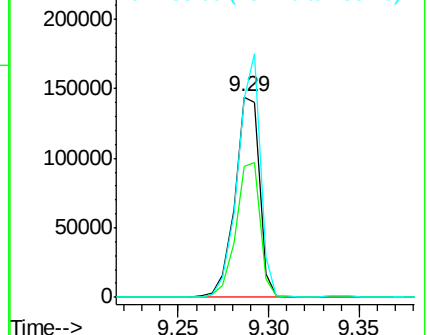
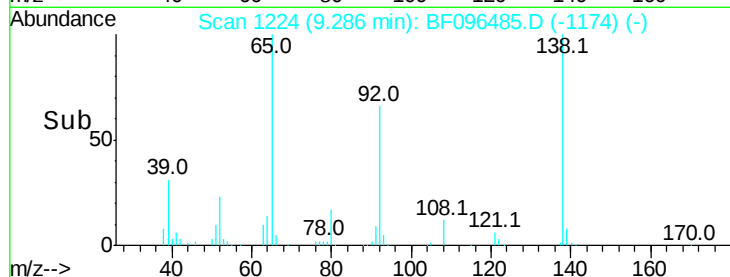
65 100

92 65.3 53.9 80.9

138 99.1 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: 37.62 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

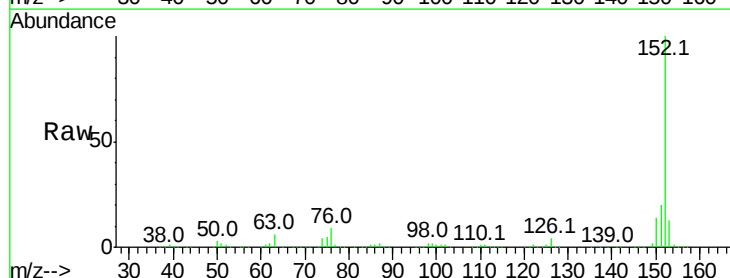
Tgt Ion: 152 Resp: 633667

Ion Ratio Lower Upper

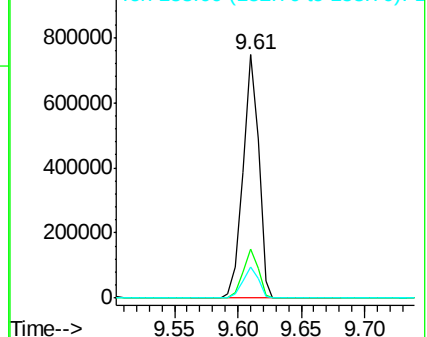
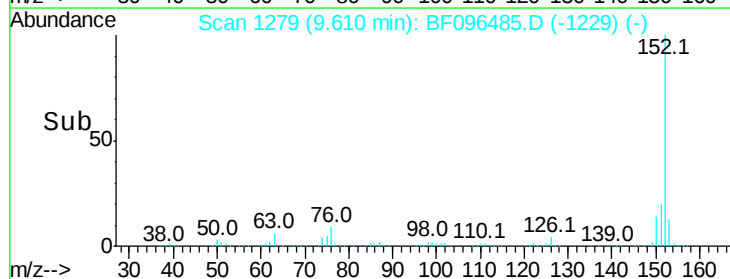
152 100

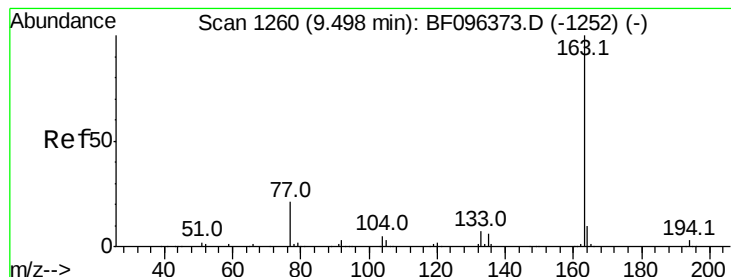
151 20.2 16.8 25.2

153 12.7 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: 48.78 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

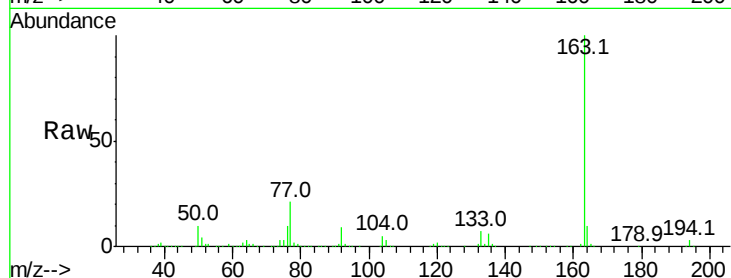
Tot Ion:163 Resp: 606111

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

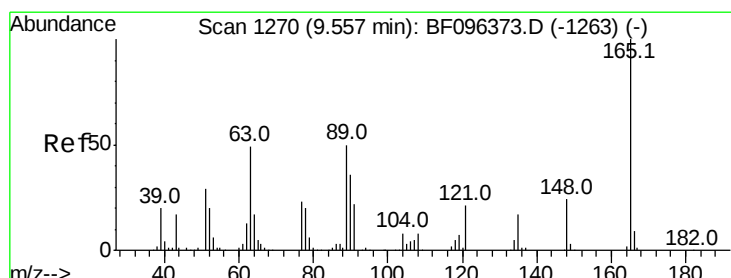
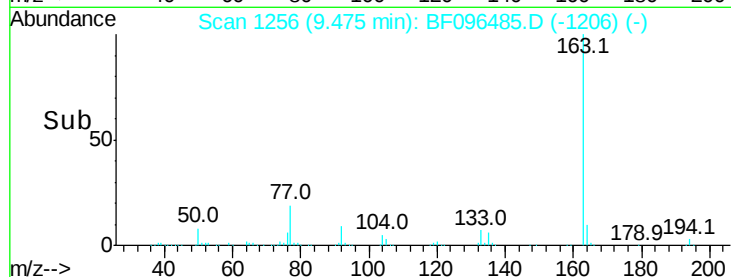
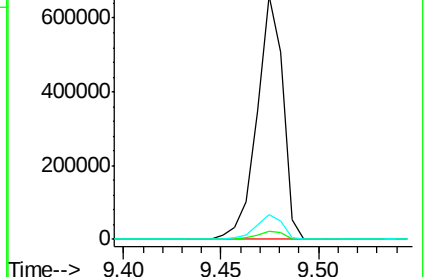
164 10.4 8.4 12.6



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: 34.21 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

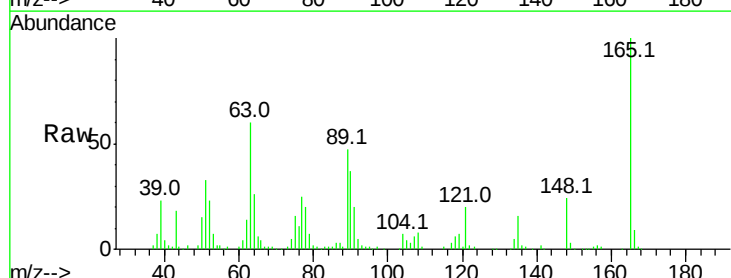
Tgt Ion:165 Resp: 94007

Ion Ratio Lower Upper

165 100

63 59.7 34.3 51.5#

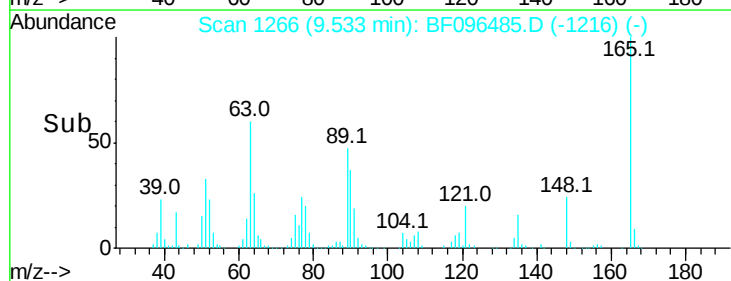
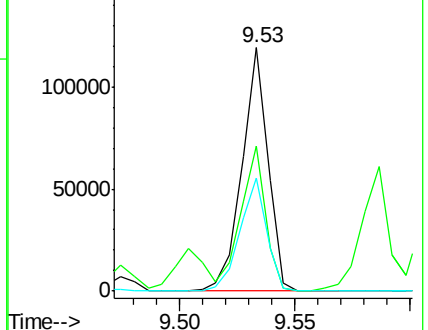
89 46.7 37.1 55.7

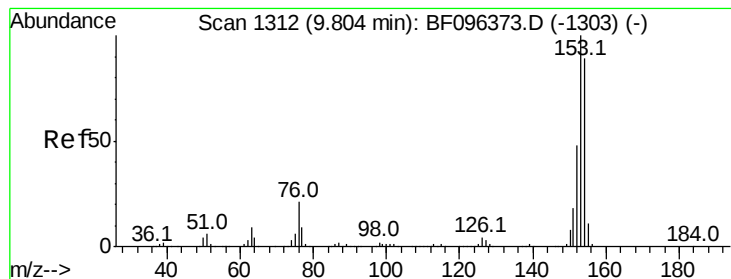


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.39 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

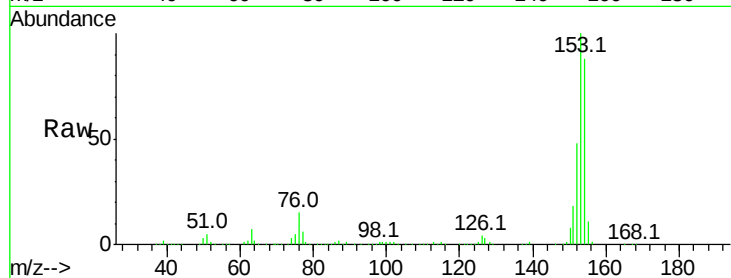
Tot Ion:154 Resp: 367369

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

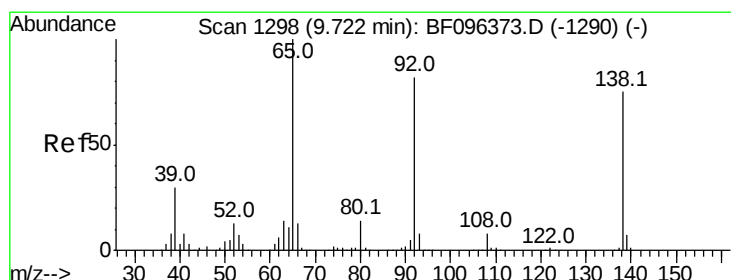
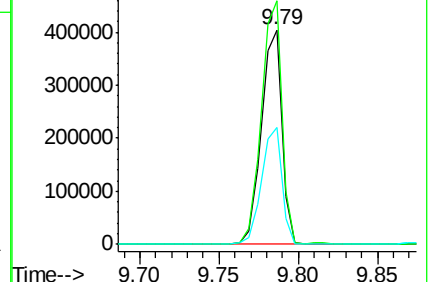
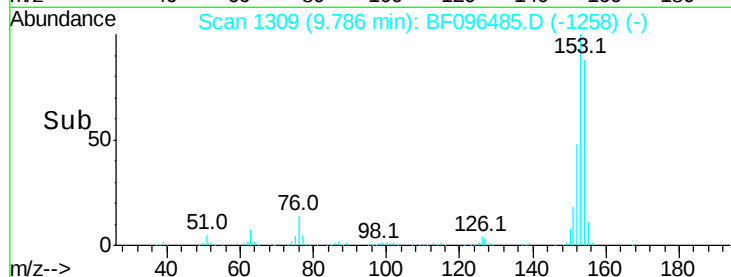
152 54.5 43.6 65.4



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: 33.30 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

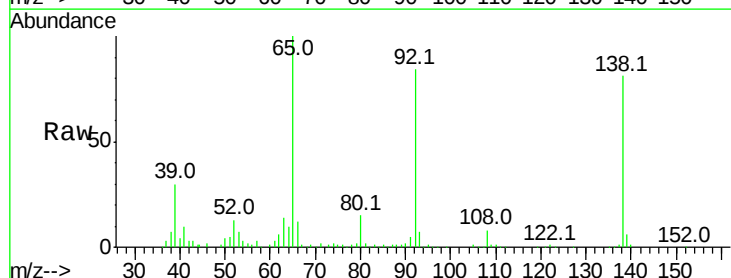
Tgt Ion:138 Resp: 114131

Ion Ratio Lower Upper

138 100

108 9.2 9.1 13.7

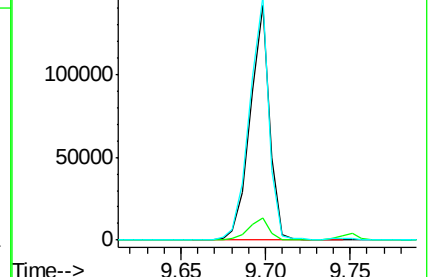
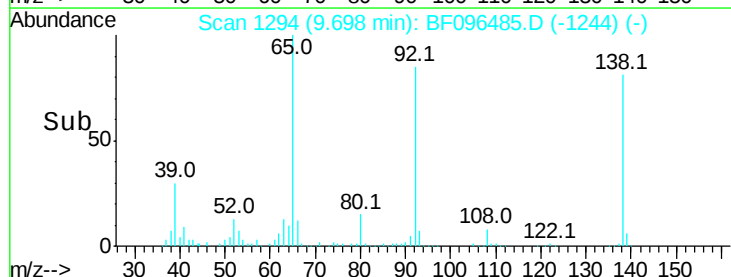
92 103.7 93.8 140.6

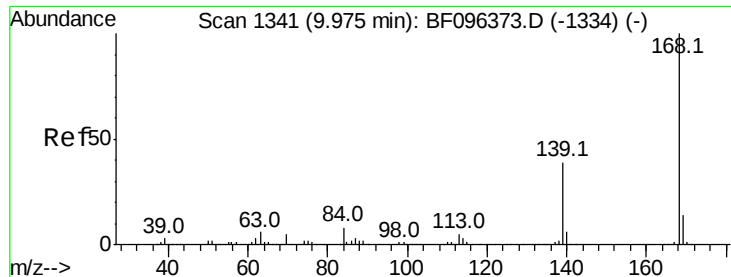


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

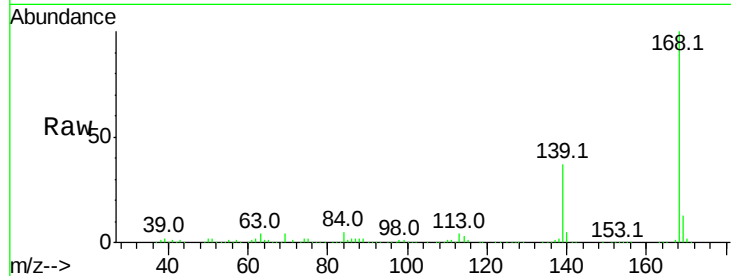




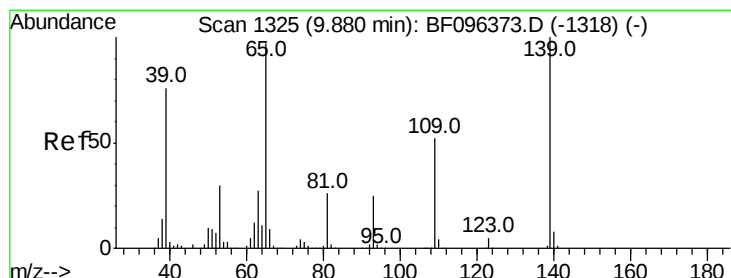
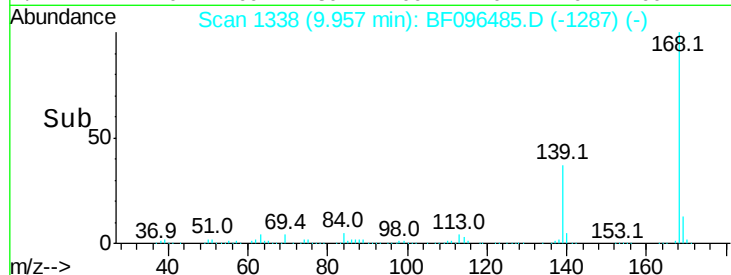
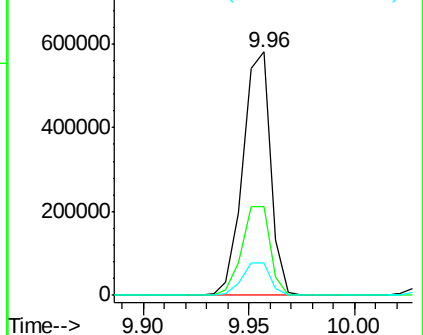
#54
Dibenzofuran
Concen: 38.52 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 528055
Ion Ratio Lower Upper
168 100
139 36.7 30.6 45.8
169 13.1 10.8 16.2

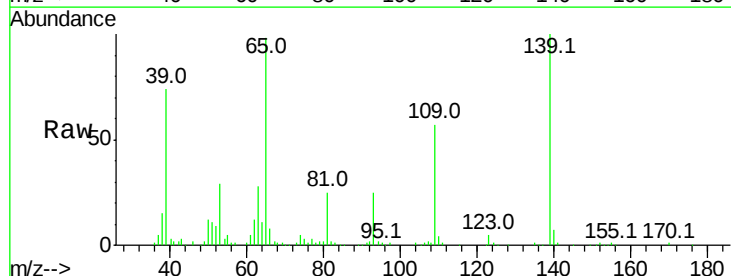


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

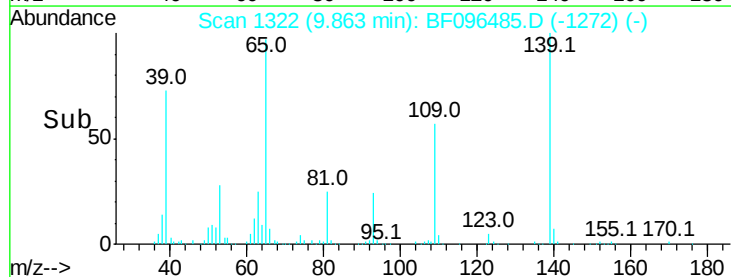
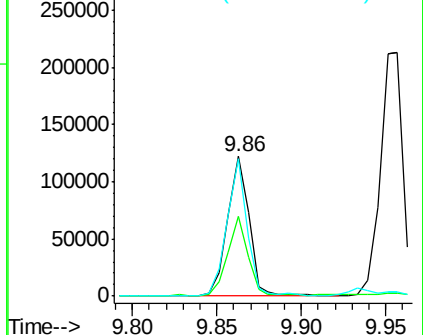


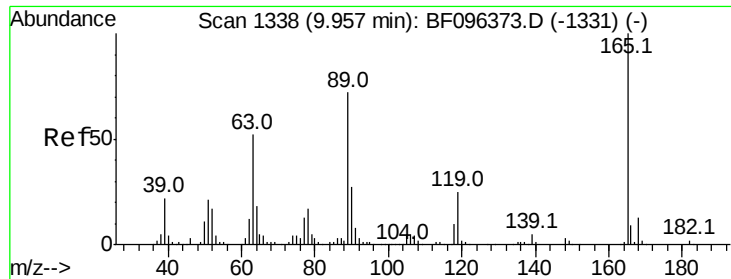
#55
4-Nitrophenol
Concen: 38.31 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Tgt Ion:139 Resp: 108845
Ion Ratio Lower Upper
139 100
109 56.9 34.1 74.1
65 97.8 31.4 71.4#



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

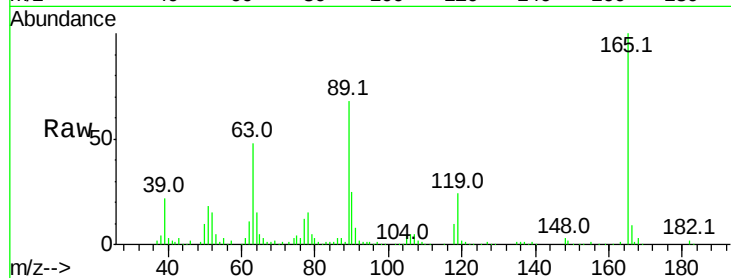




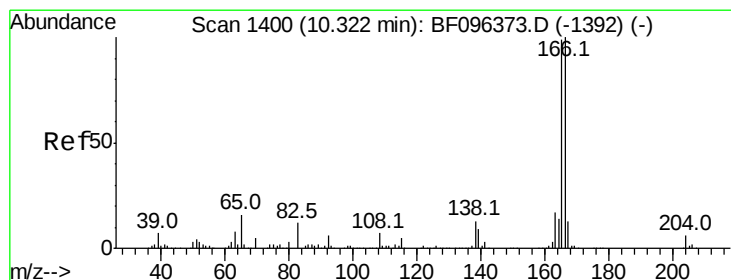
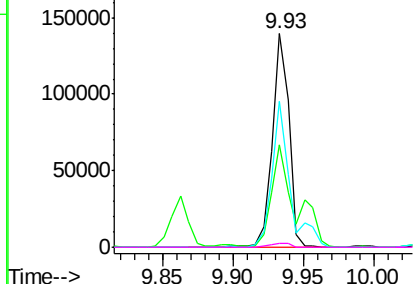
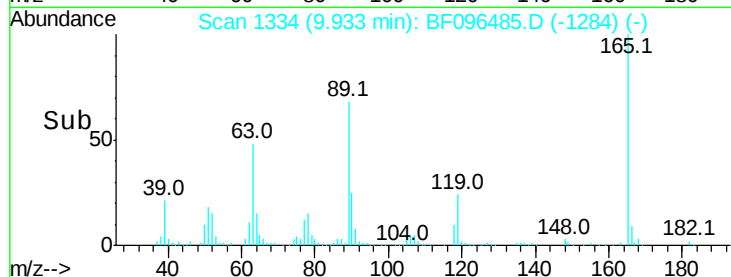
#56
2,4-Dinitrotoluene
Concen: 33.19 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 115503
Ion Ratio Lower Upper
165 100
63 47.9 25.4 38.0#
89 68.3 46.4 69.6
182 2.1 1.8 2.6

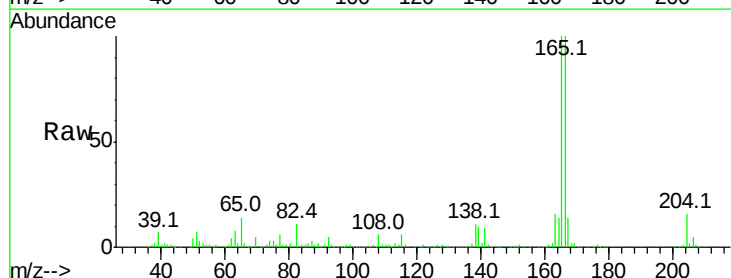


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

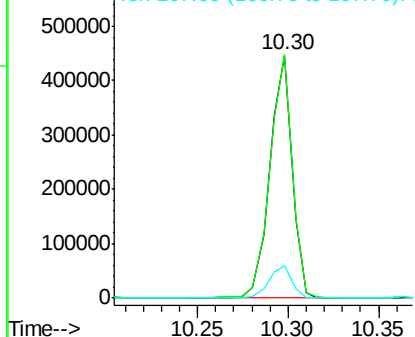
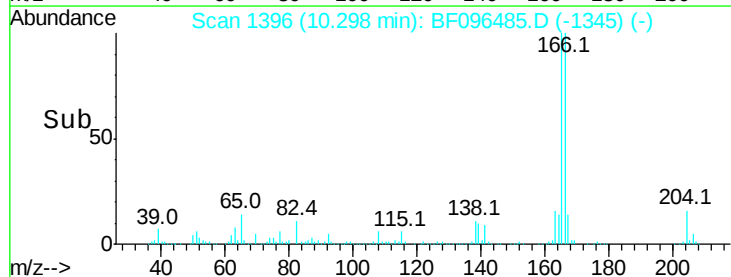


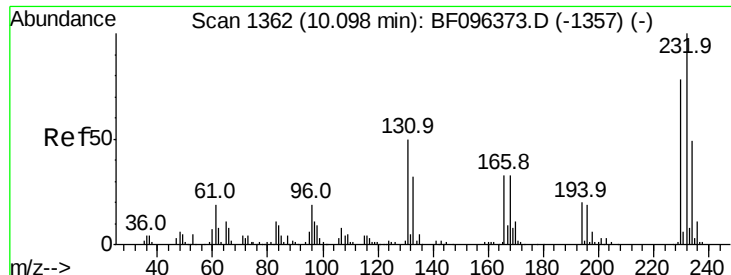
#57
Fluorene
Concen: 39.35 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Tgt Ion:166 Resp: 380913
Ion Ratio Lower Upper
166 100
165 100.4 78.8 118.2
167 13.6 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

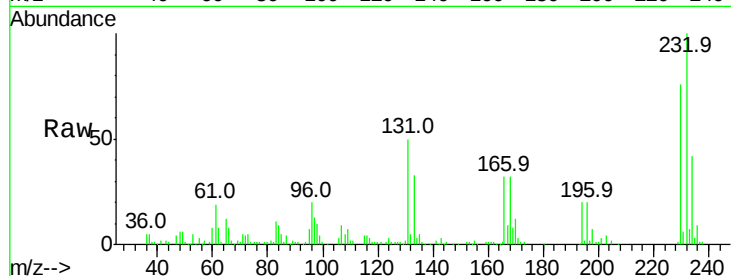




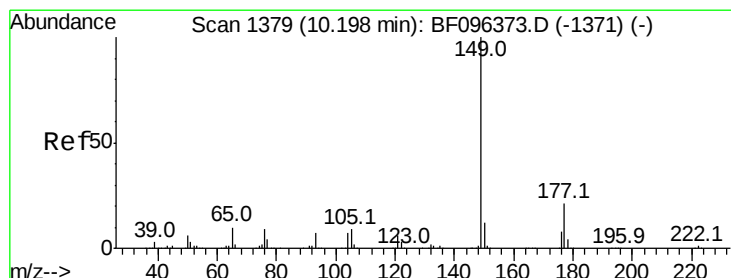
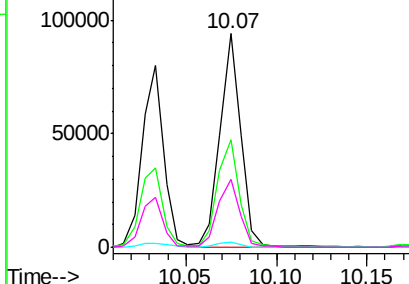
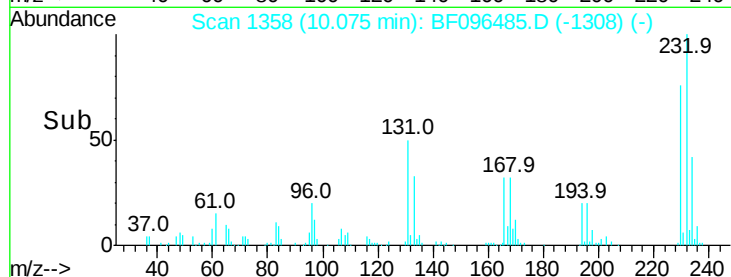
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.37 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 75717
 Ion Ratio Lower Upper
 232 100
 131 53.1 44.8 67.2
 130 2.7 2.3 3.5
 166 33.4 29.0 43.4

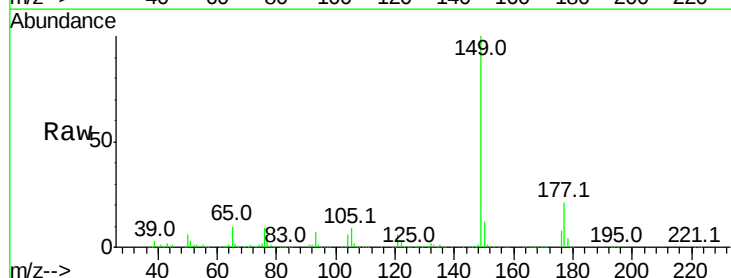


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

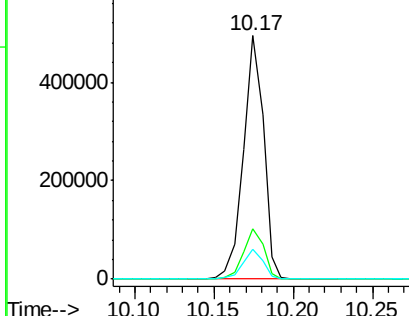
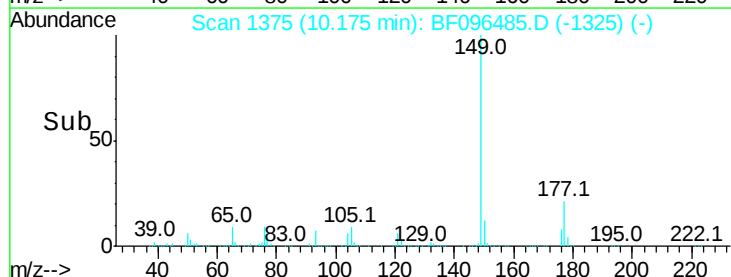


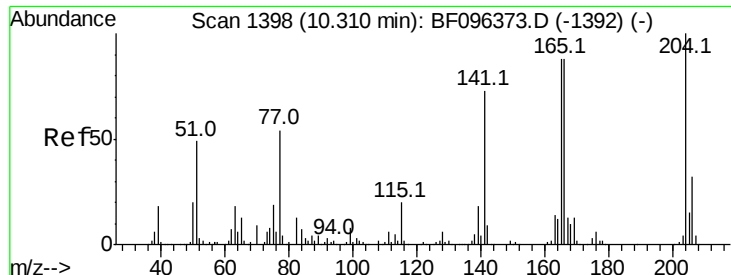
#59
 Diethylphthalate
 Concen: 36.96 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

Tgt Ion:149 Resp: 434118
 Ion Ratio Lower Upper
 149 100
 177 20.7 16.7 25.1
 150 12.3 10.2 15.2



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

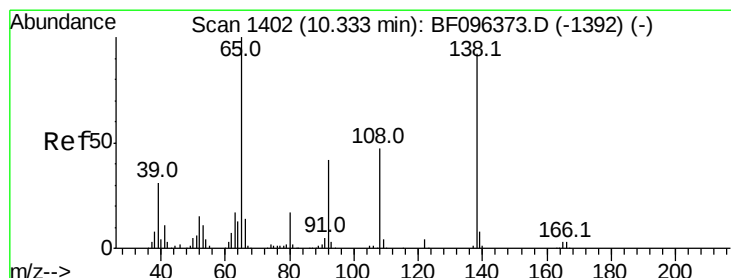
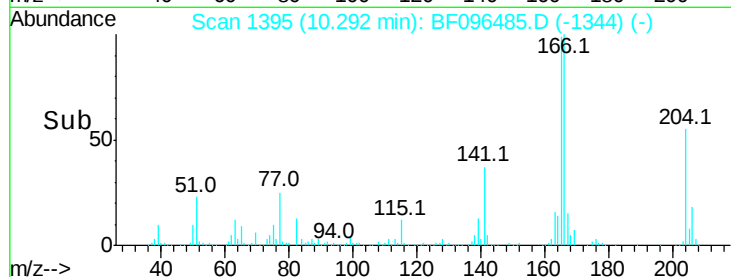
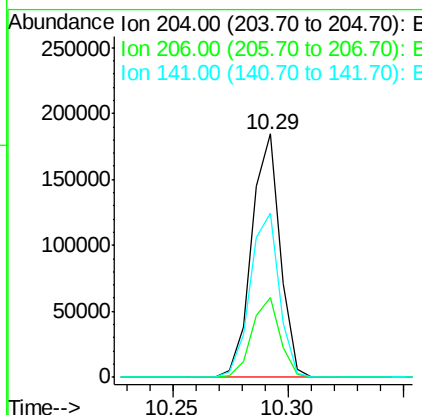
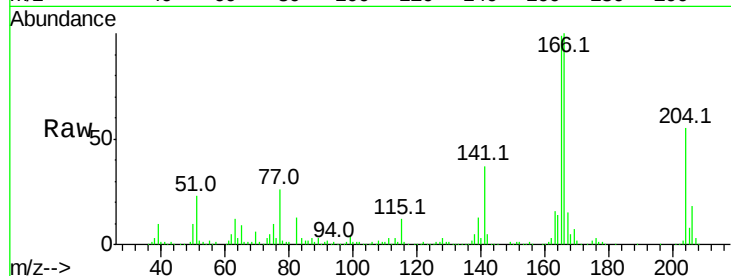




#60
4-Chlorophenyl-phenylether
Concen: 37.77 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

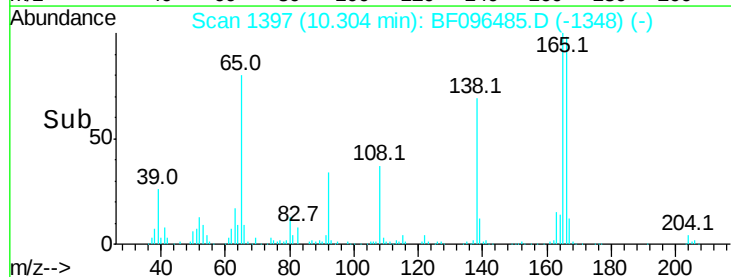
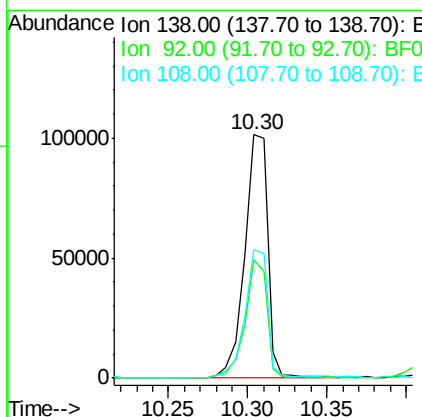
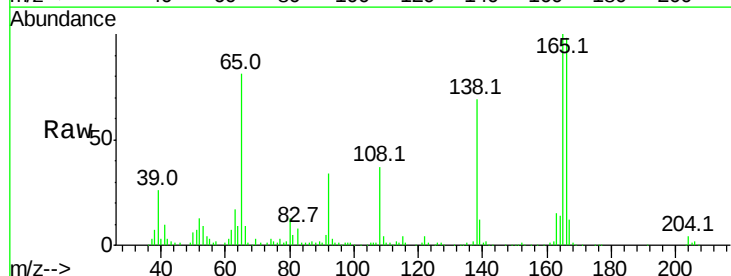
Instrument :
BNA_F
ClientSampled :

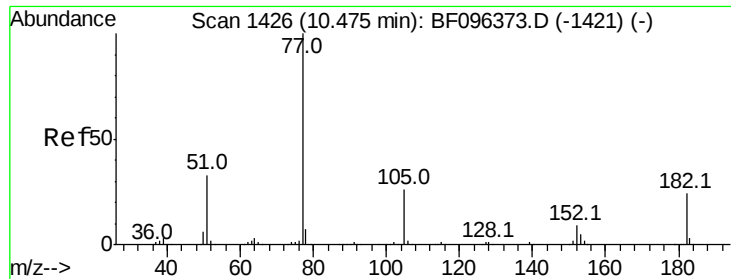
Tot Ion:204 Resp: 159076
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 67.6 60.8 91.2



#61
4-Nitroaniline
Concen: 32.79 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Tgt Ion:138 Resp: 102194
Ion Ratio Lower Upper
138 100
92 48.6 21.8 61.8
108 52.9 42.3 82.3





#62

Azobenzene

Concen: 33.06 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 375519

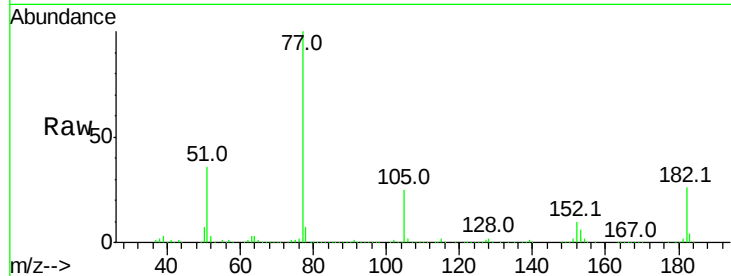
Ion	Ratio	Lower	Upper
77	100		
182	26.1	0.1	40.1
105	25.1	3.6	43.6
51	36.1	9.4	49.4

77 100

182 26.1 0.1 40.1

105 25.1 3.6 43.6

51 36.1 9.4 49.4

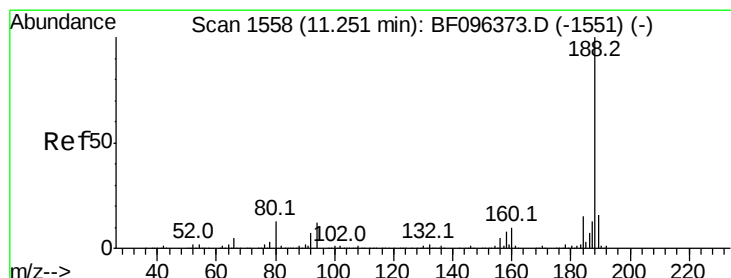
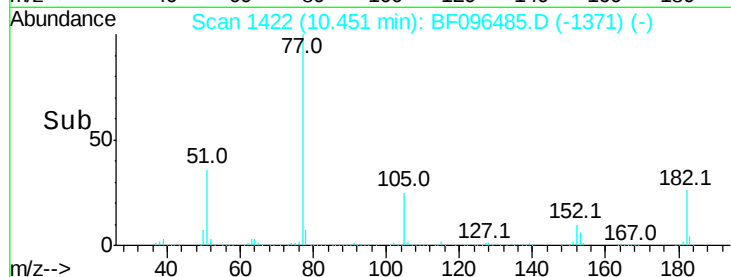
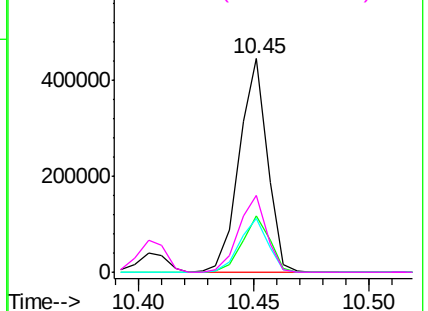


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

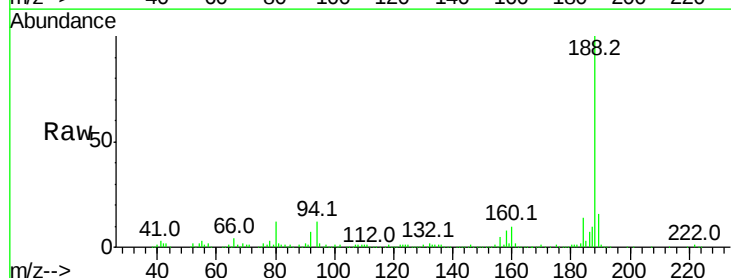
Tgt Ion: 188 Resp: 229134

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	11.8	10.2	15.2

188 100

94 11.6 9.4 14.2

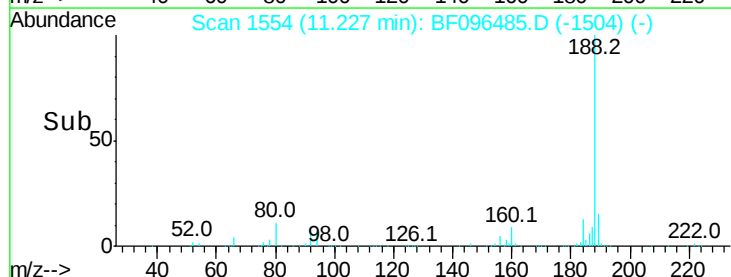
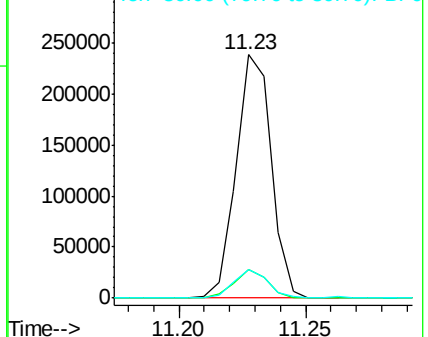
80 11.8 10.2 15.2

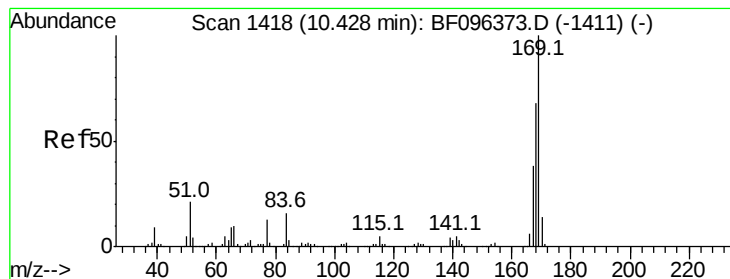


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 42.12 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

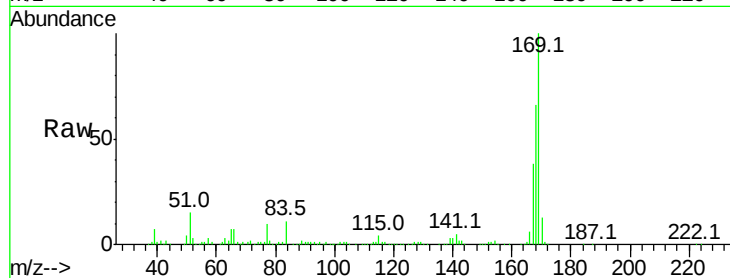
Tot Ion:169 Resp: 338629

Ion Ratio Lower Upper

169 100

168 66.2 53.2 79.8

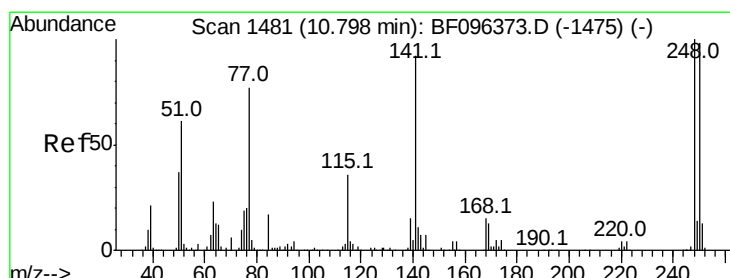
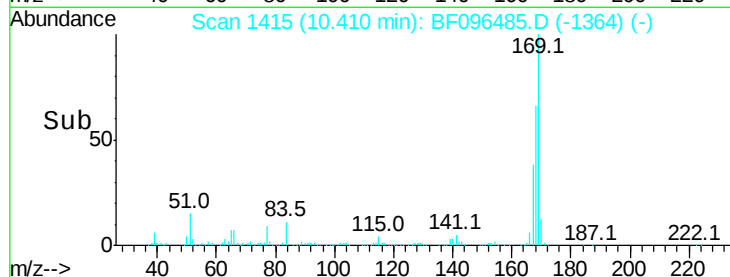
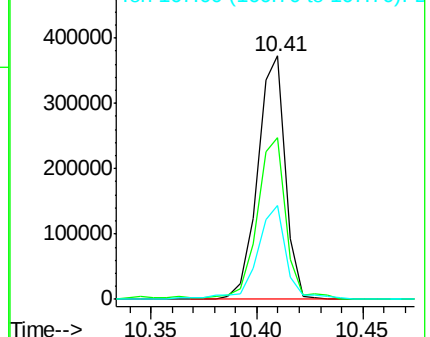
167 38.4 29.5 44.3



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: 42.12 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

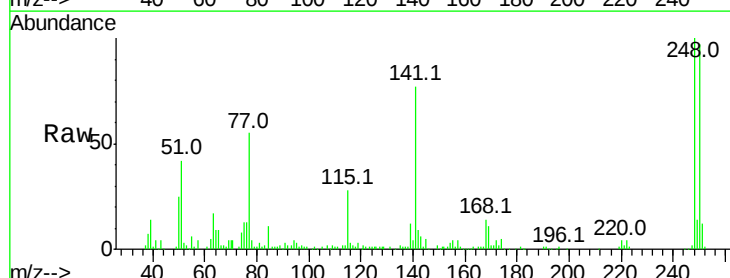
Tgt Ion:248 Resp: 93956

Ion Ratio Lower Upper

248 100

250 96.6 76.8 115.2

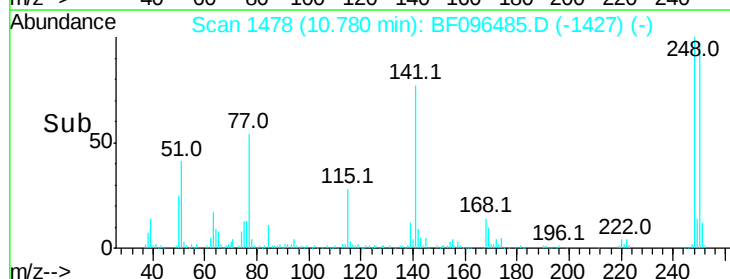
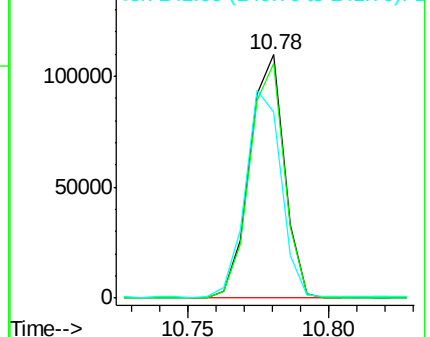
141 76.6 68.6 103.0

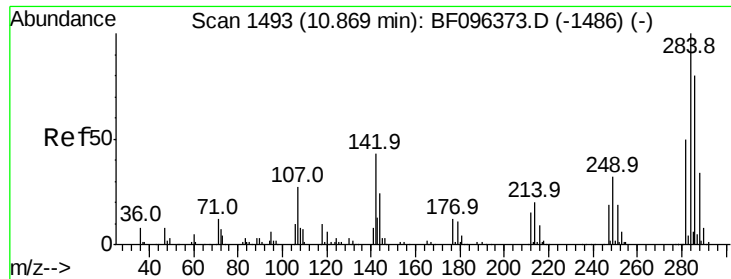


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

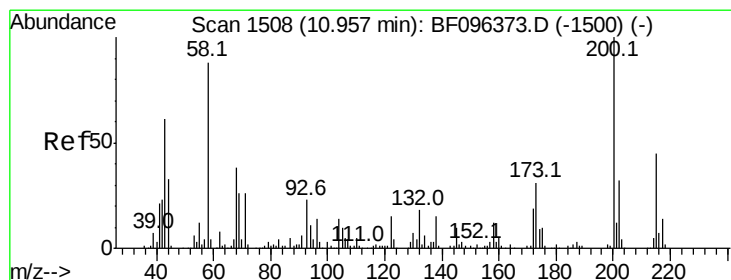
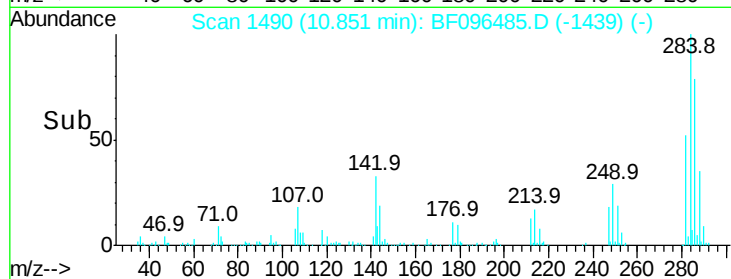
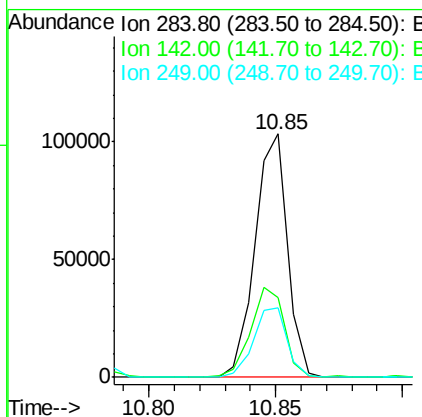
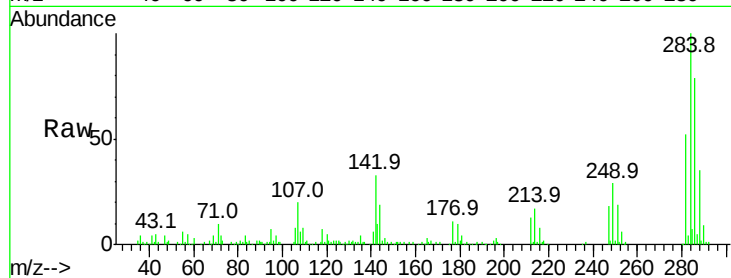




#67
Hexachlorobenzene
Concen: 37.74 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

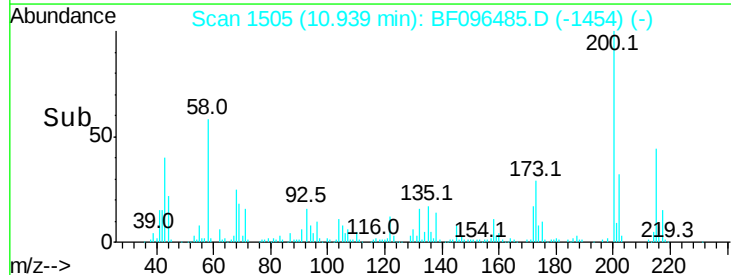
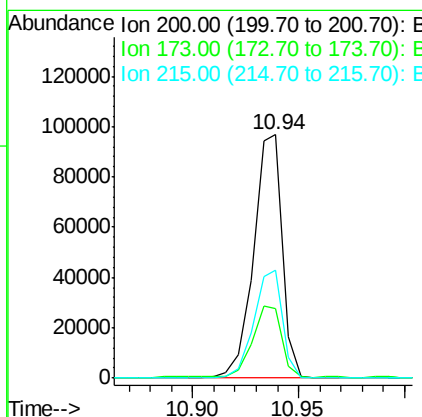
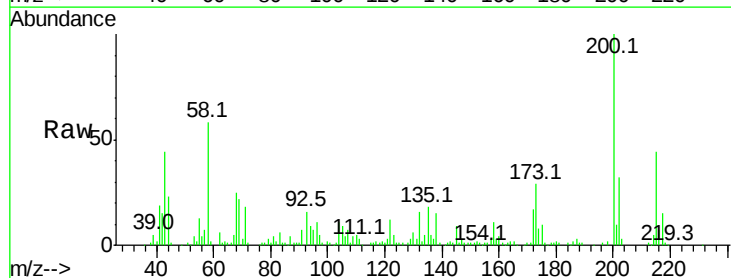
Instrument :
BNA_F
ClientSampleId :

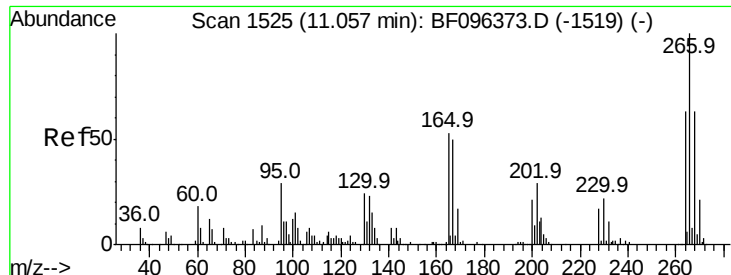
Tot Ion:284 Resp: 92149
Ion Ratio Lower Upper
284 100
142 33.0 22.8 34.2
249 28.7 24.0 36.0



#68
Atrazine
Concen: 39.82 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Tgt Ion:200 Resp: 91452
Ion Ratio Lower Upper
200 100
173 28.7 6.3 46.3
215 44.4 27.2 67.2

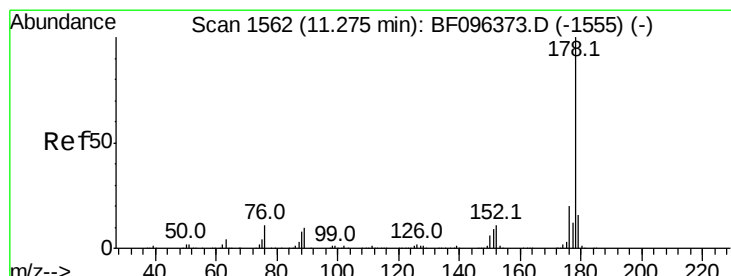
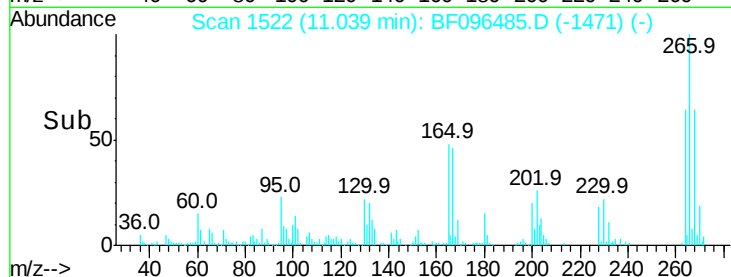
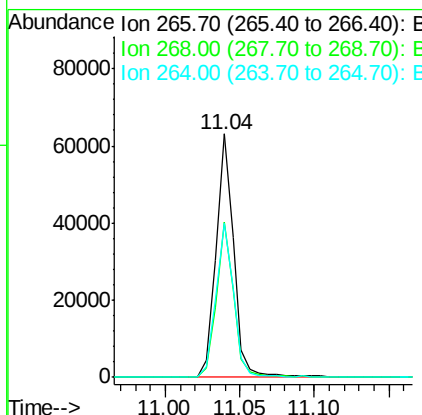
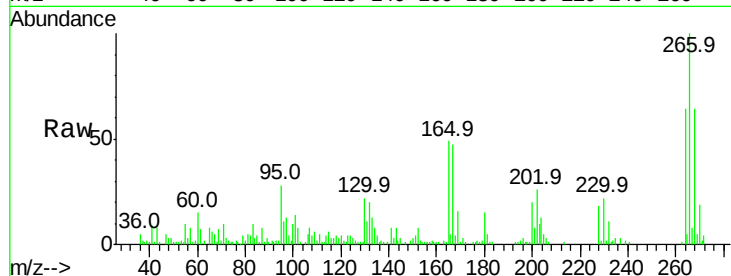




#69
 Pentachlorophenol
 Concen: 36.17 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

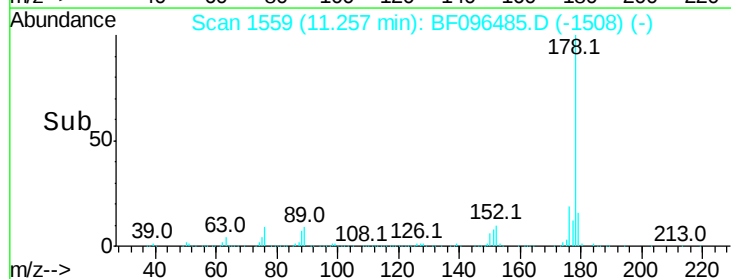
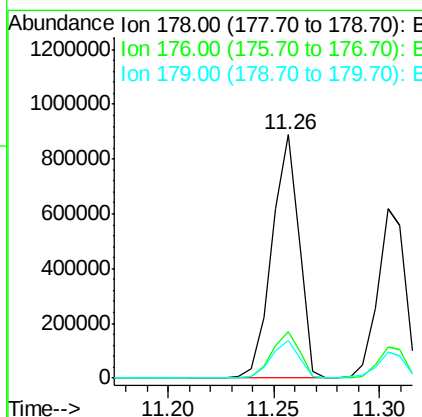
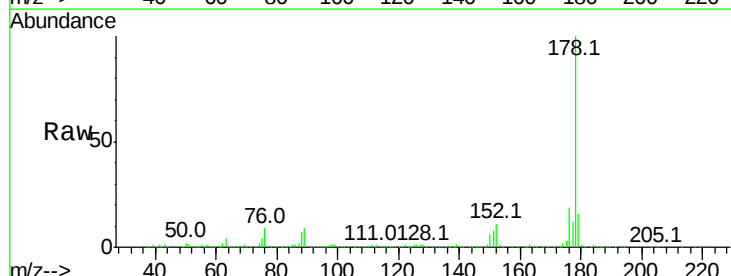
Instrument :
 BNA_F
 ClientSampleId :

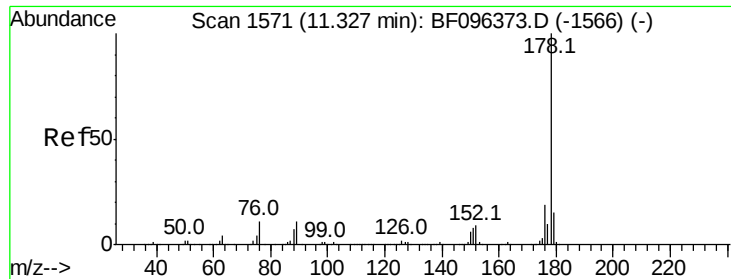
Tot Ion:266 Resp: 52345
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 63.5 51.7 77.5



#70
 Phenanthrene
 Concen: 64.04 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

Tgt Ion:178 Resp: 793267
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.6 12.6 19.0





#71

Anthracene

Concen: 44.06 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampled :

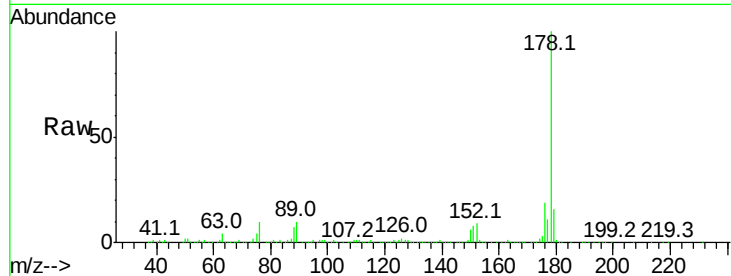
Tot Ion:178 Resp: 556090

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

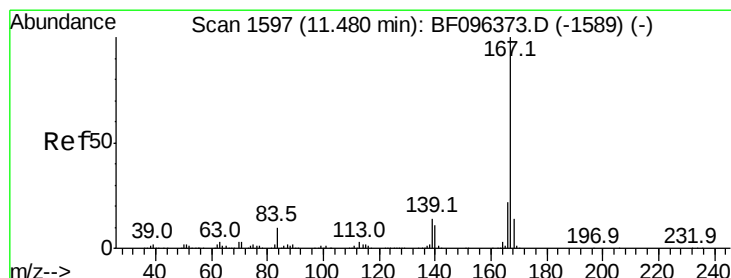
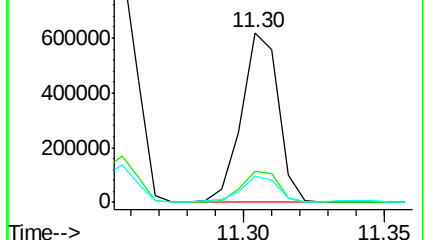
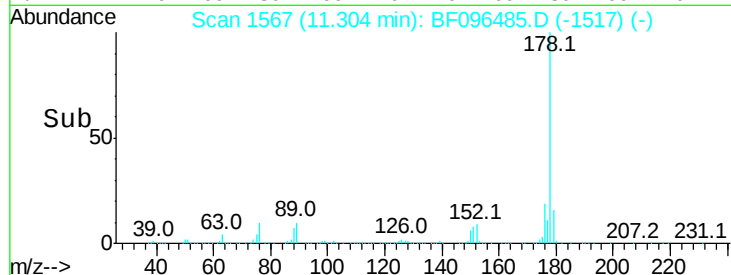
179 15.6 12.7 19.1



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: 36.56 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

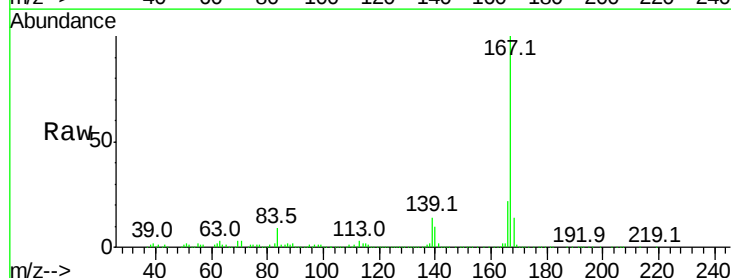
Tgt Ion:167 Resp: 464070

Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

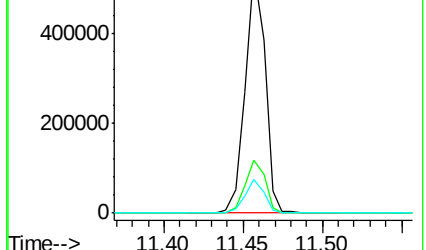
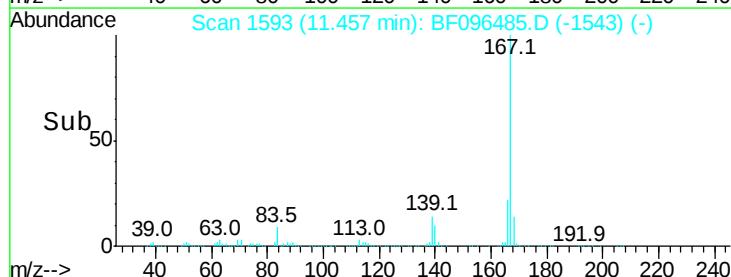
139 13.9 11.7 17.5

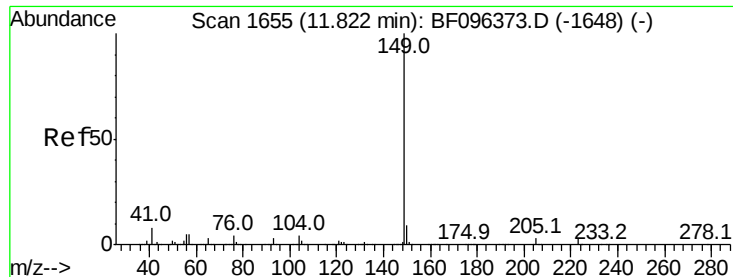


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.21 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

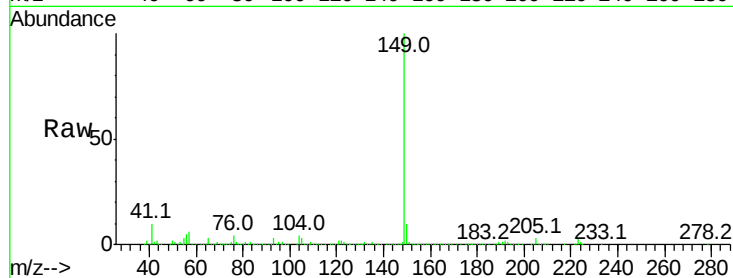
Tot Ion:149 Resp: 587426

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 4.3 4.0 6.0

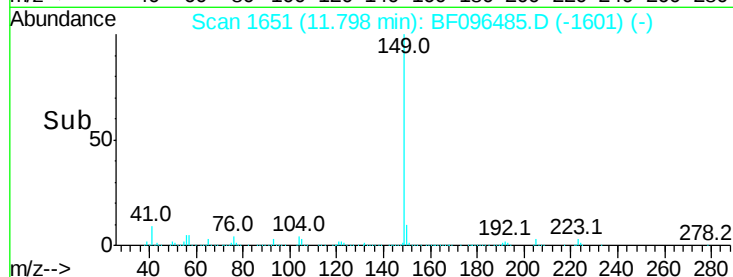


Abundance Ion 149.00 (148.70 to 149.70): E

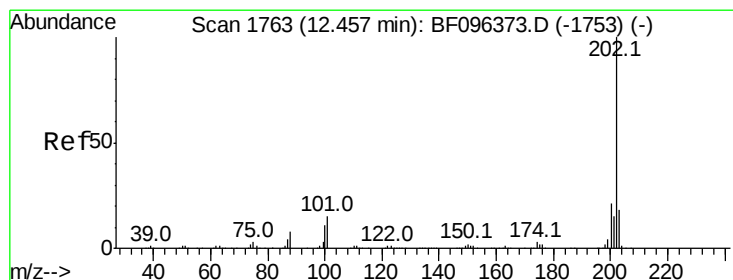
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.80



Time-->



#74

Fluoranthene

Concen: 71.07 ng

RT: 12.45 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

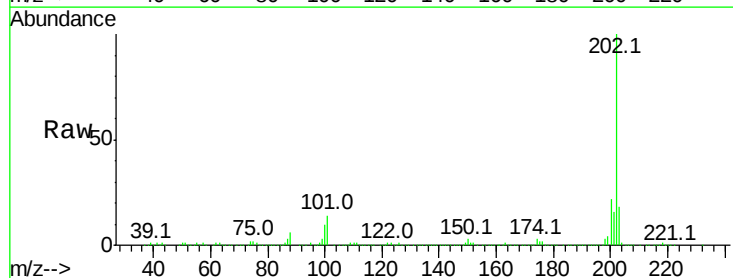
Tgt Ion:202 Resp: 863078

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

203 17.6 0.0 38.1

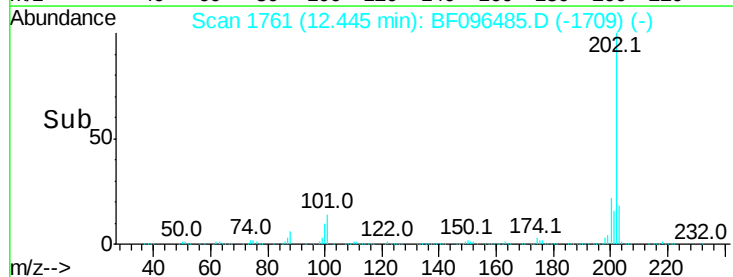


Abundance Ion 202.00 (201.70 to 202.70): E

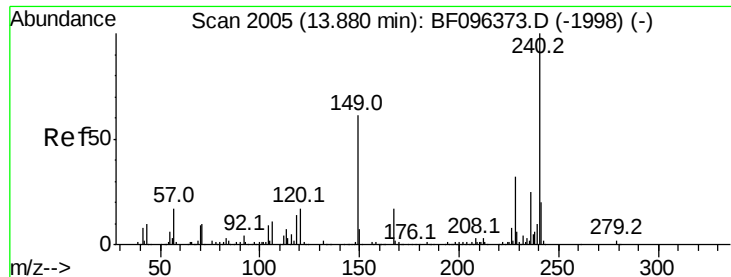
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.45



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

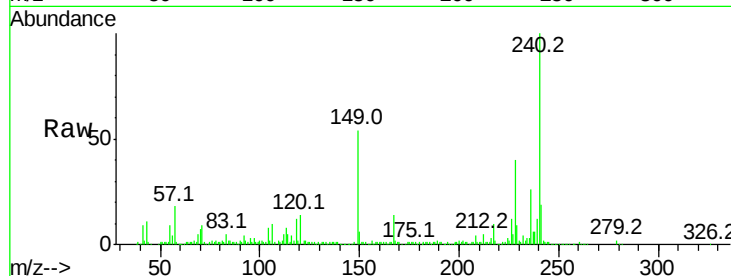
Tot Ion:240 Resp: 167902

Ion Ratio Lower Upper

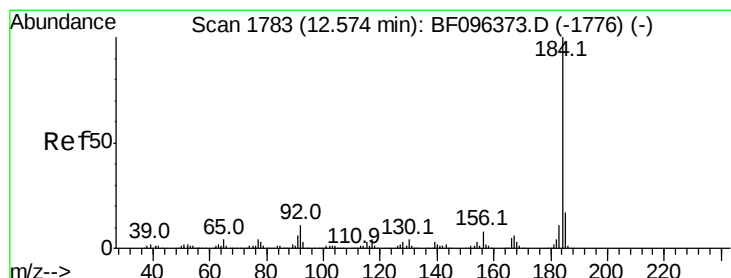
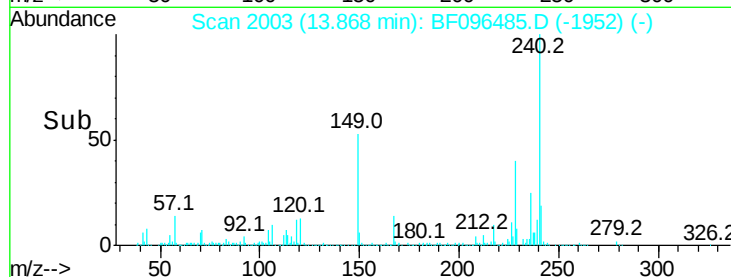
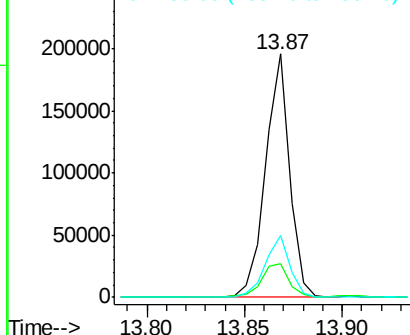
240 100

120 13.6 5.8 8.8#

236 25.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.27 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

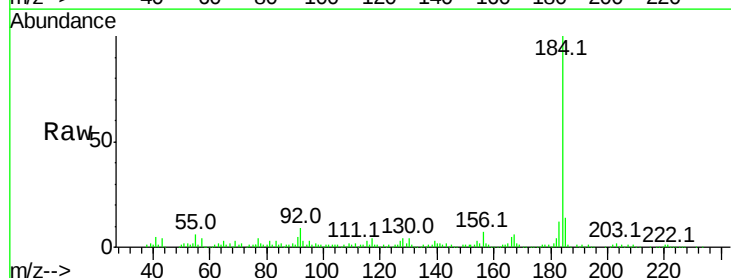
Tgt Ion:184 Resp: 139142

Ion Ratio Lower Upper

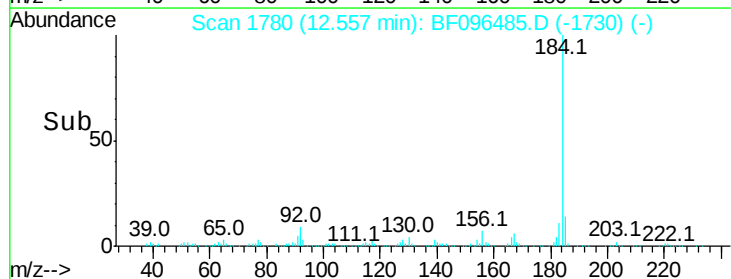
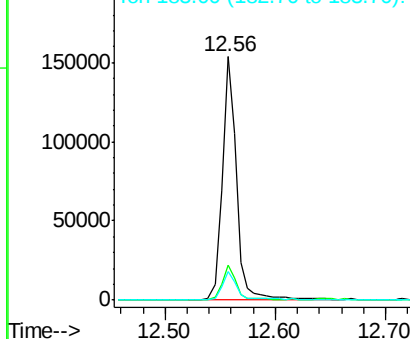
184 100

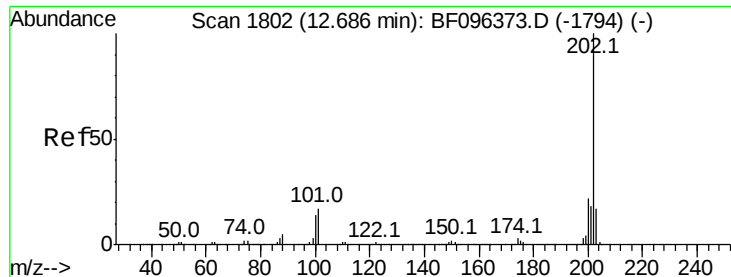
185 14.3 15.5 23.3#

183 11.7 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: 64.01 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

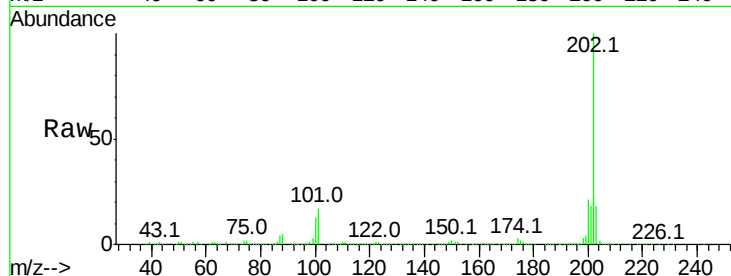
Tot Ion:202 Resp: 862675

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

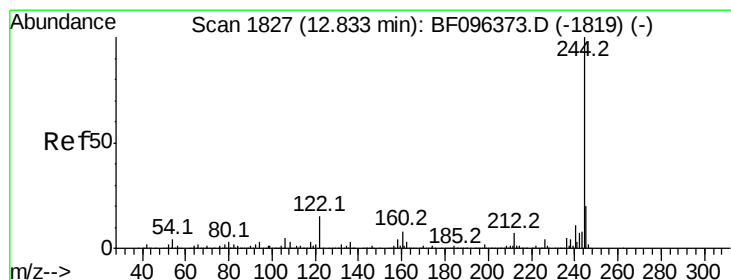
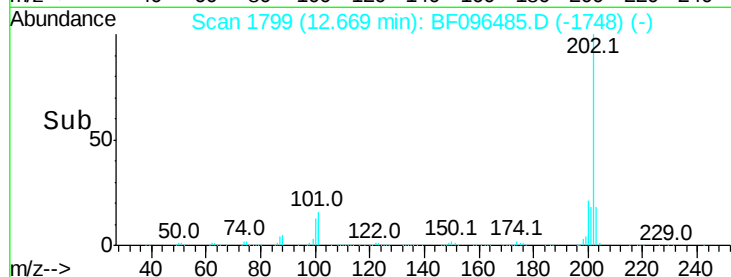
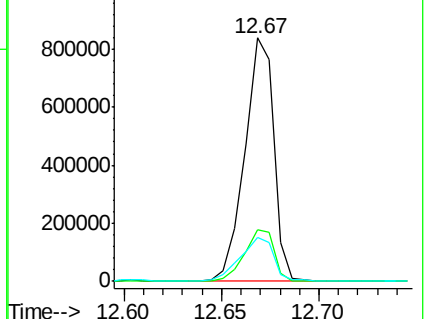
203 17.8 14.4 21.6



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: 63.23 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

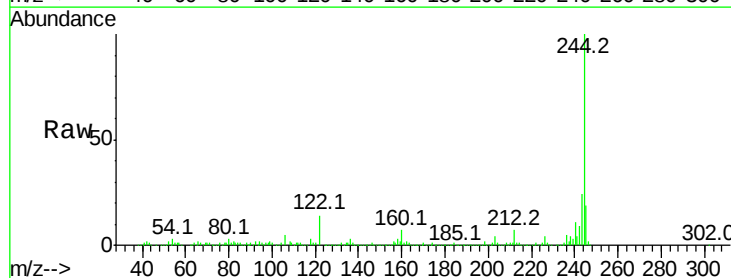
Tgt Ion:244 Resp: 496861

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

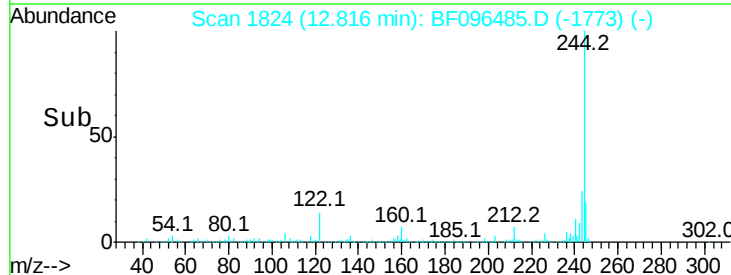
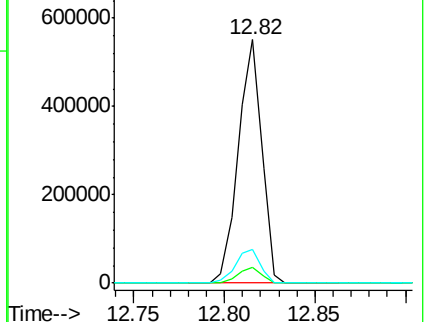
122 13.9 10.3 15.5

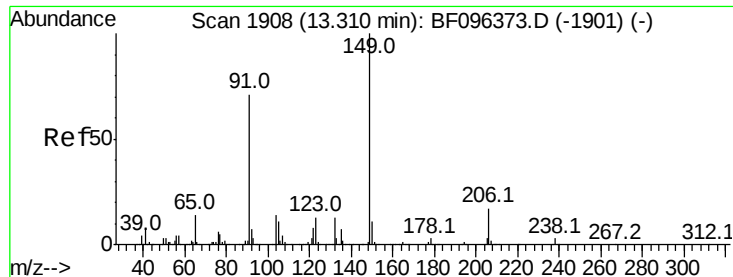


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

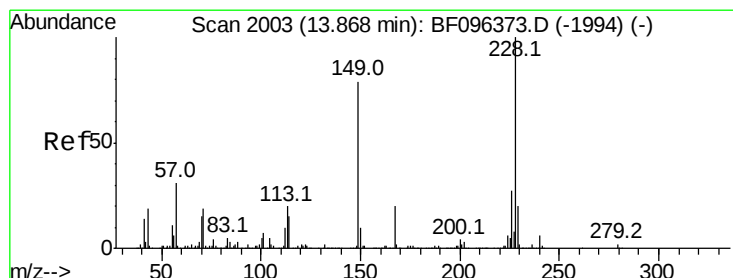
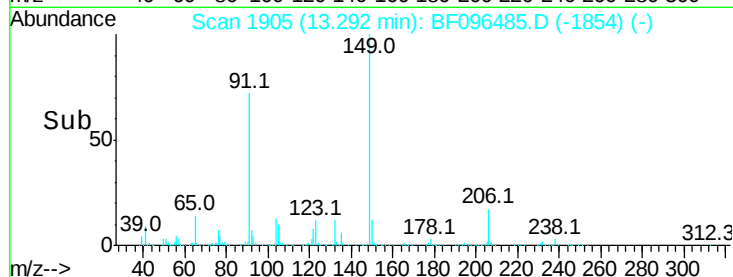
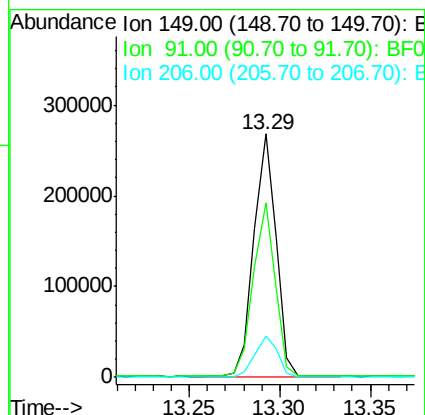
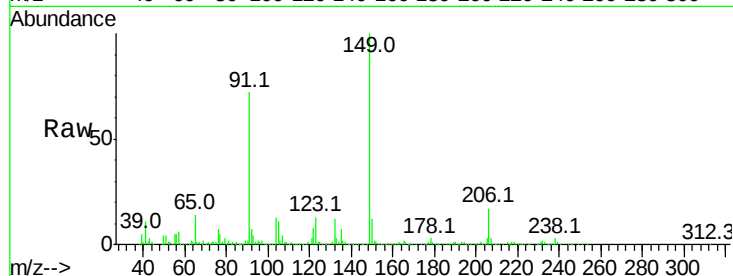




#79
Butylbenzylphthalate
Concen: 33.48 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

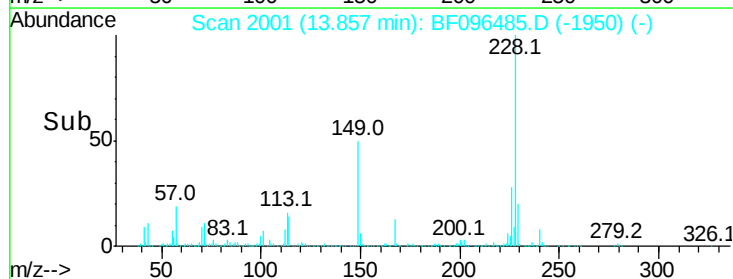
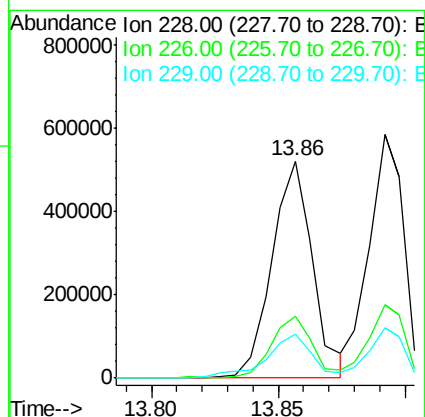
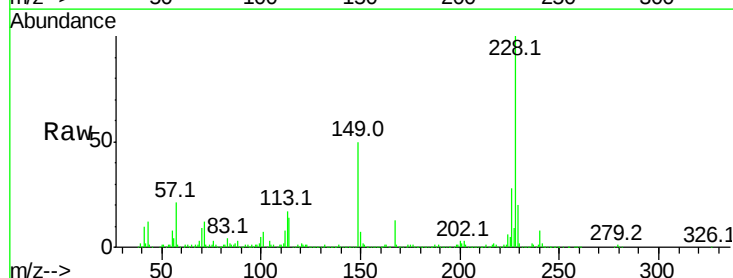
Instrument :
BNA_F
ClientSampleId :

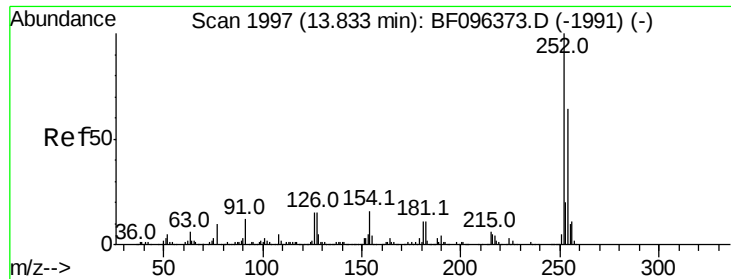
Tot Ion:149 Resp: 228434
Ion Ratio Lower Upper
149 100
91 71.8 45.0 67.4#
206 17.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 59.69 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Tgt Ion:228 Resp: 580371
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.1 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 31.26 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

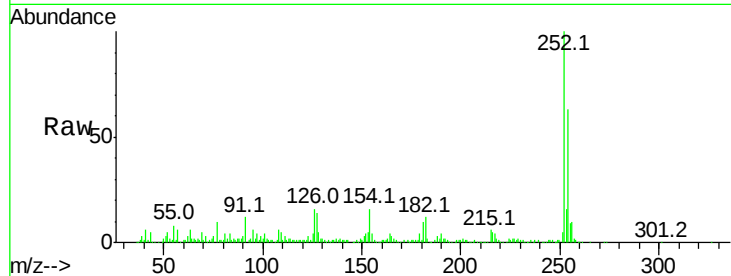
Tot Ion:252 Resp: 124840

Ion Ratio Lower Upper

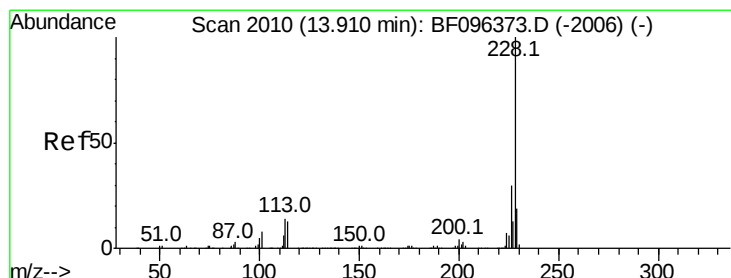
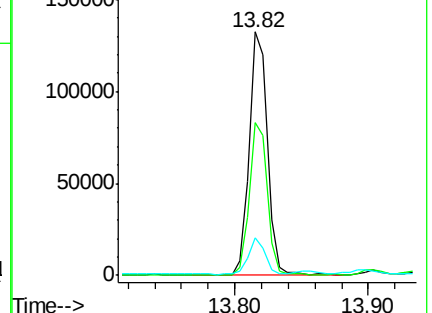
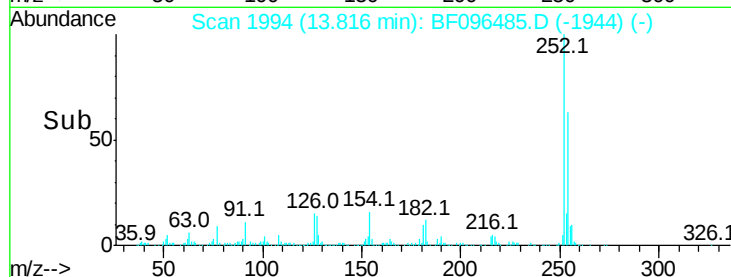
252 100

254 62.9 51.5 77.3

126 15.6 15.8 23.8#



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



#82

Chrysene

Concen: 54.50 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

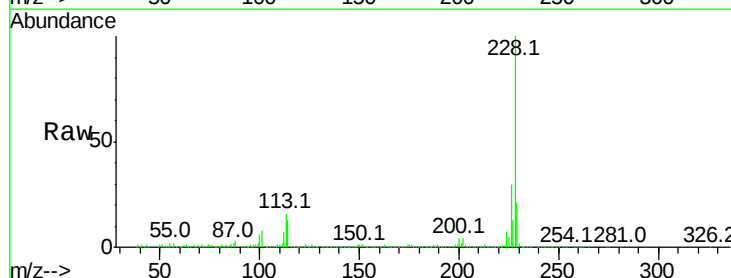
Tgt Ion:228 Resp: 554933

Ion Ratio Lower Upper

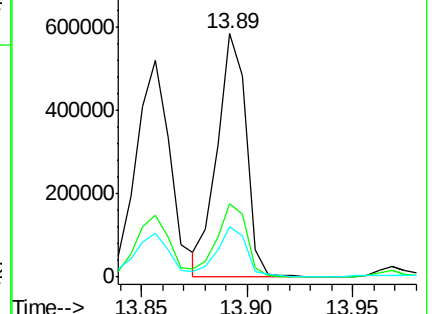
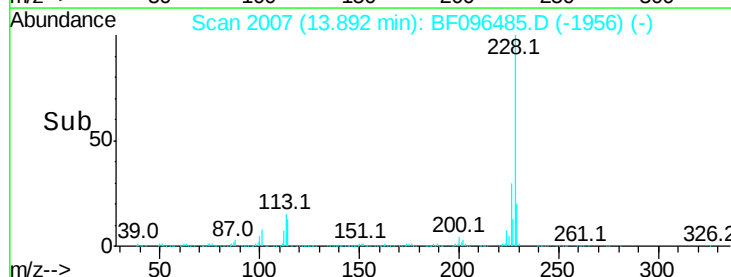
228 100

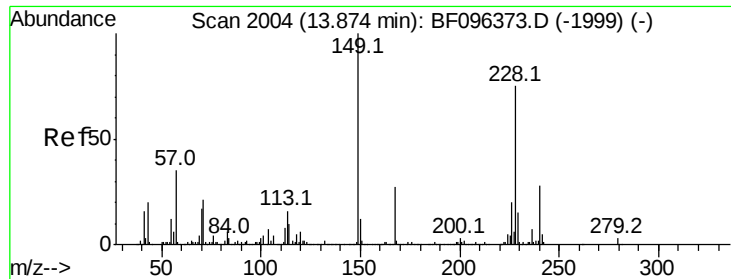
226 30.1 24.9 37.3

229 20.6 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: 36.63 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

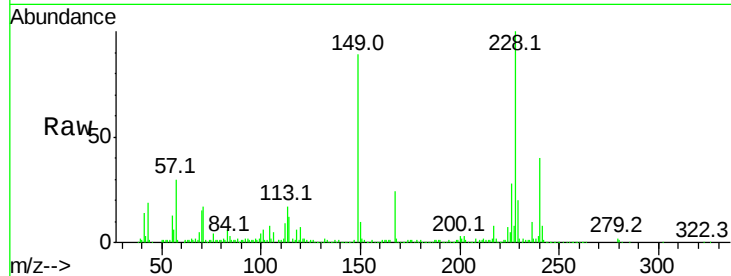
Tot Ion:149 Resp: 278949

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

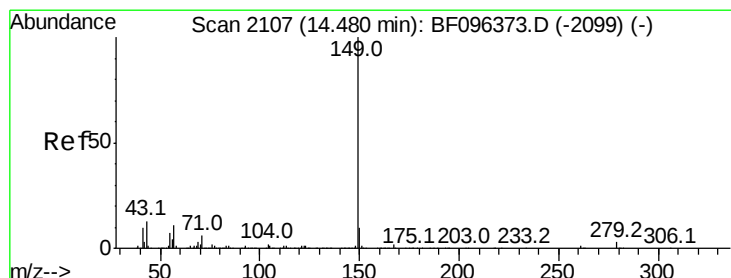
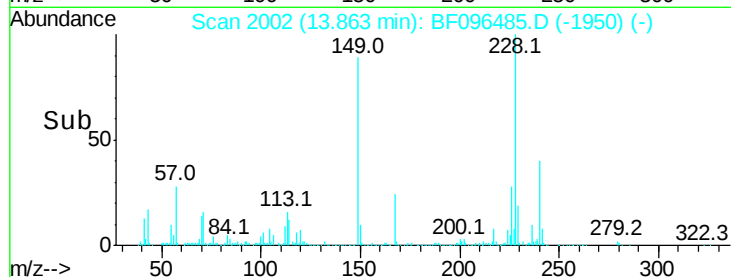
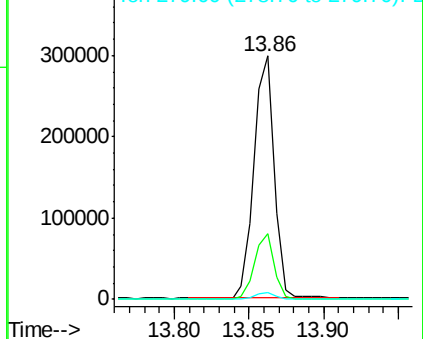
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.24 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

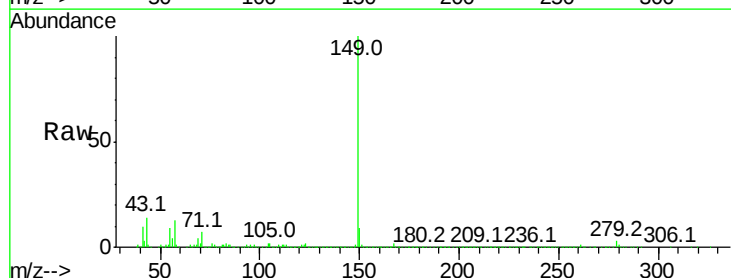
Tgt Ion:149 Resp: 528540

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

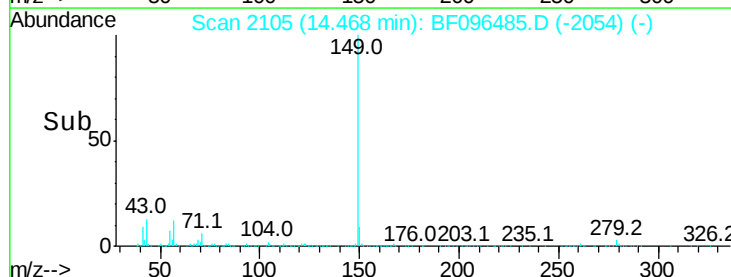
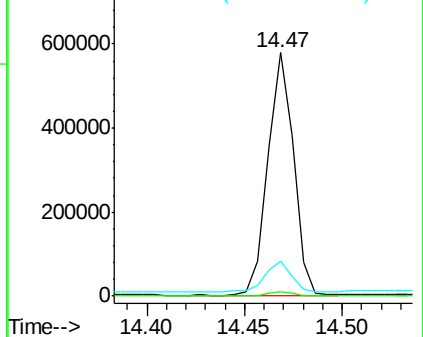
43 13.0 8.5 12.7#

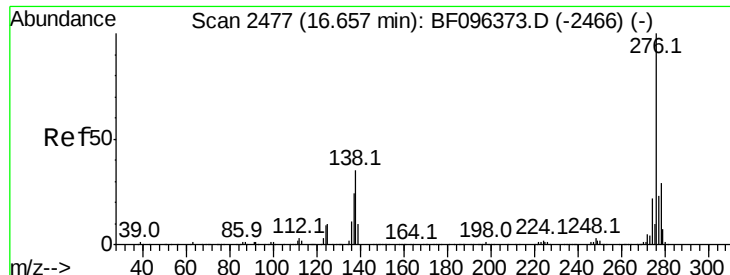


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

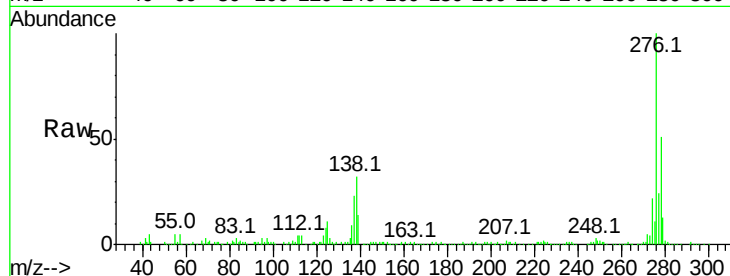




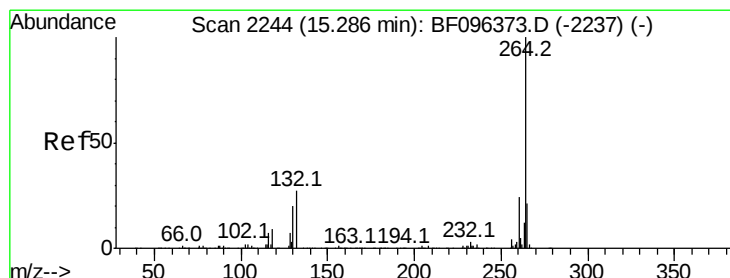
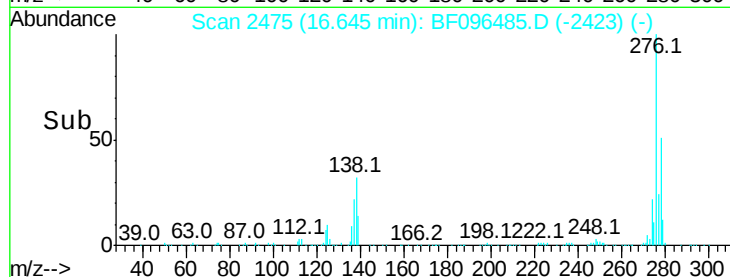
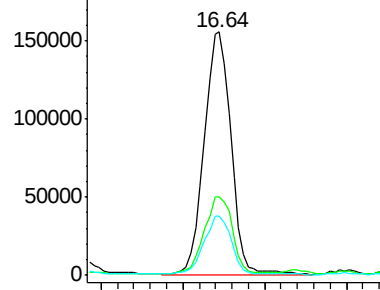
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.85 ng
RT: 16.64 min Scan# 2475
Delta R.T. 0.01 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	27.8	41.6
277	24.6	20.2	30.4

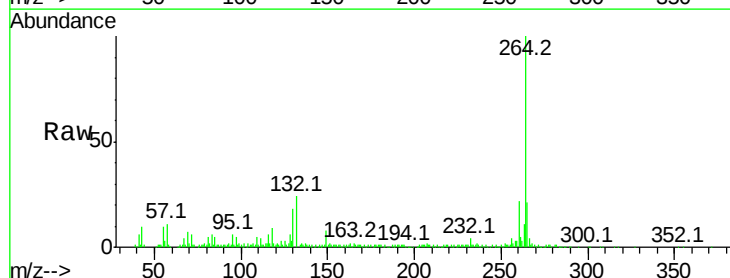


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

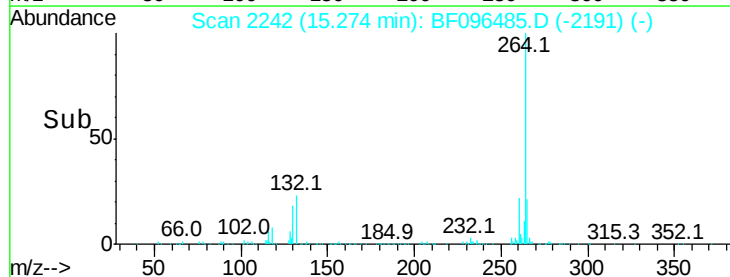
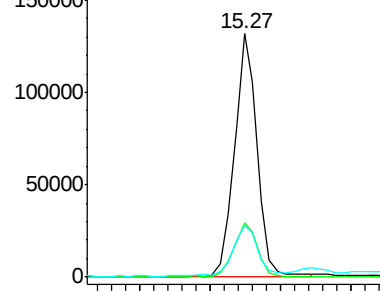


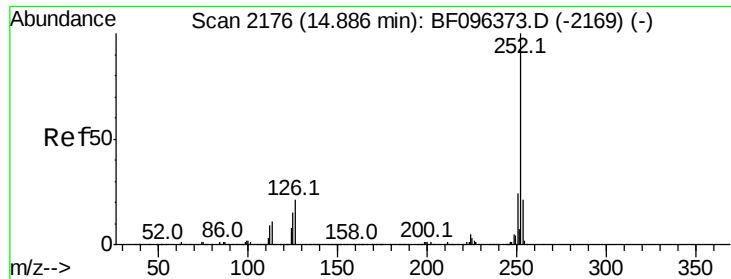
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096485.D
Acq: 5 Jul 2017 15:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	21.1	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.48 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.03 min

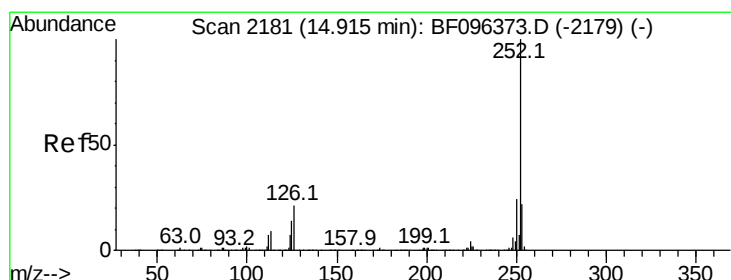
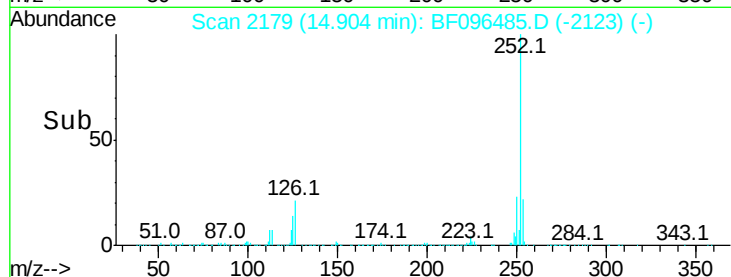
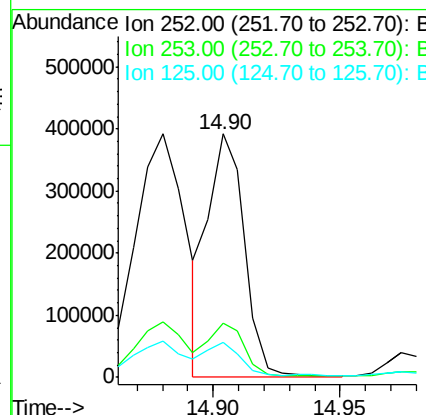
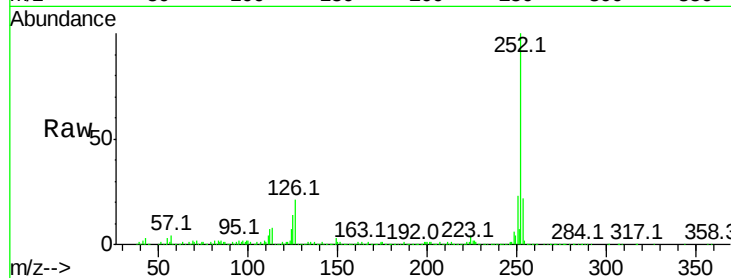
Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 388461

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	14.5	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 46.37 ng

RT: 14.90 min Scan# 2179

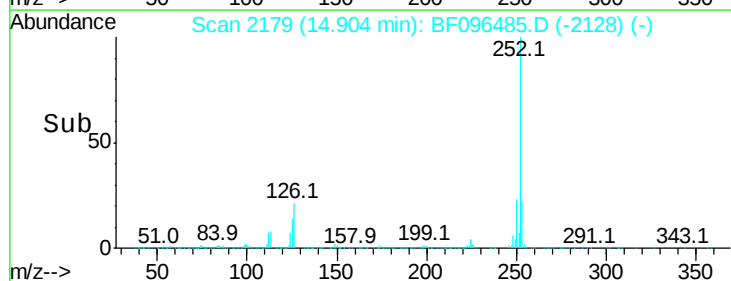
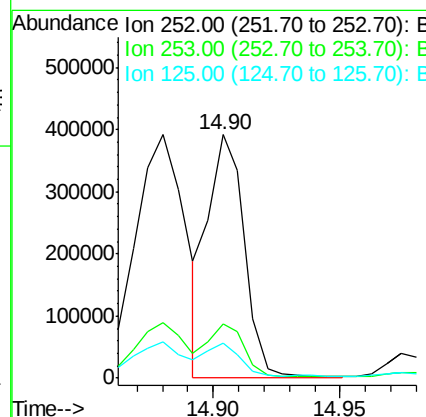
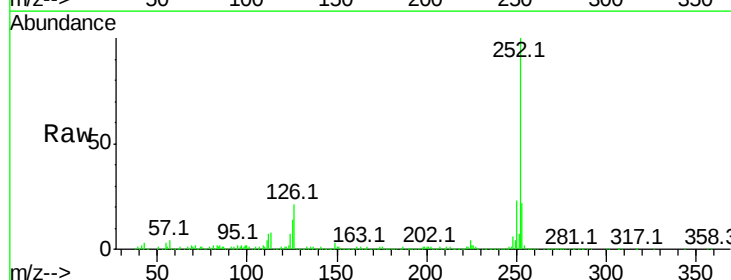
Delta R.T. -0.00 min

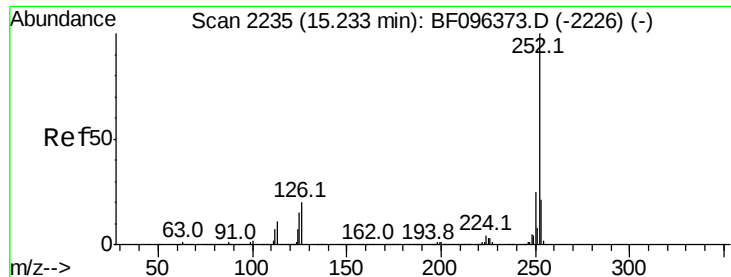
Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Tgt Ion:252 Resp: 388461

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	14.5	13.1	19.7





#89

Benzo(a)pyrene

Concen: 52.85 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

Instrument :

BNA_F

ClientSampleId :

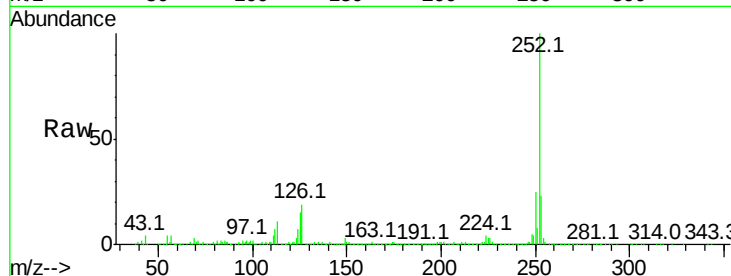
Tot Ion:252 Resp: 441905

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

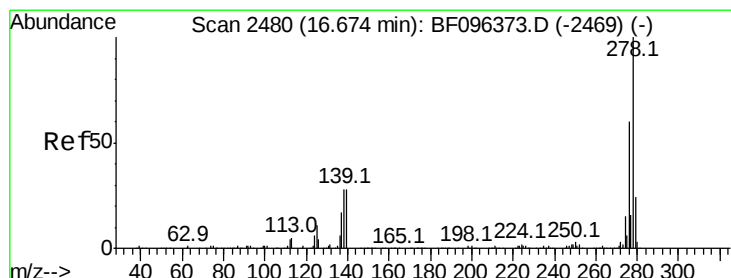
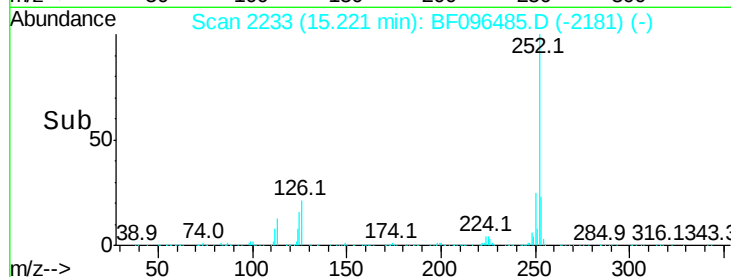
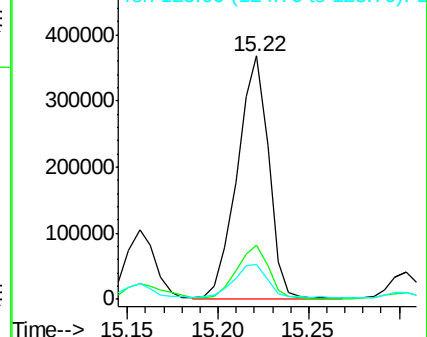
125 14.5 11.0 16.4



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: 37.17 ng

RT: 16.66 min Scan# 2477

Delta R.T. -0.00 min

Lab File: BF096485.D

Acq: 5 Jul 2017 15:48

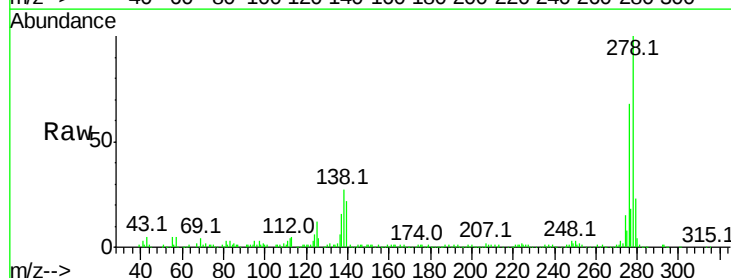
Tgt Ion:278 Resp: 244529

Ion Ratio Lower Upper

278 100

139 22.0 16.6 24.8

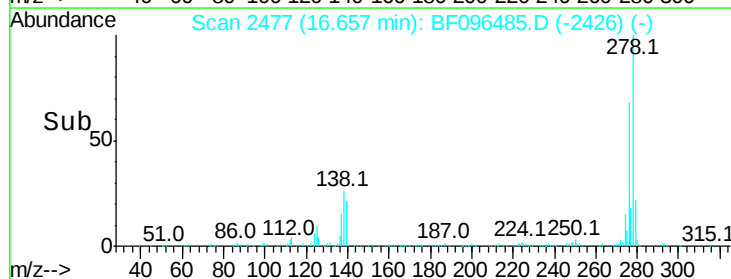
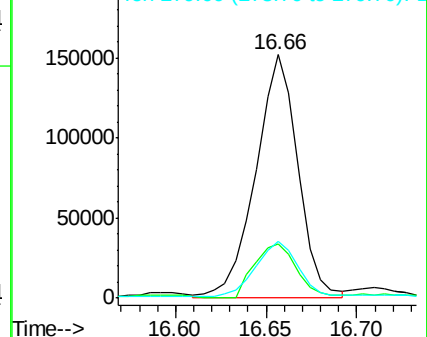
279 23.1 19.3 28.9

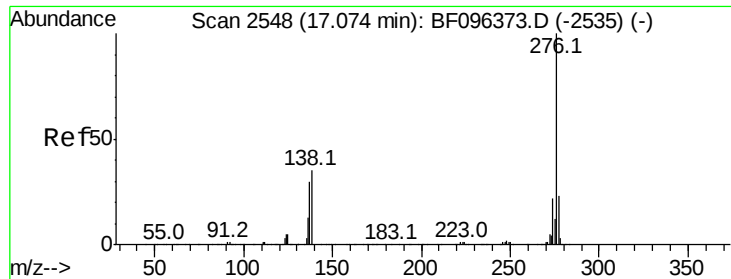


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

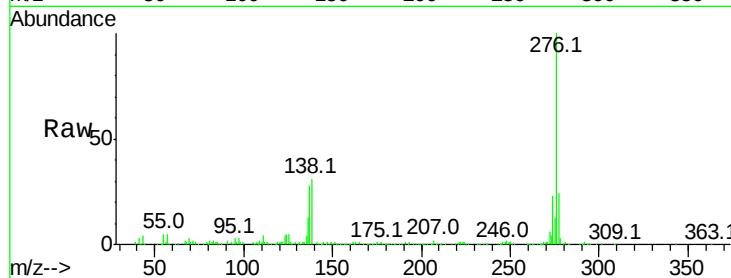




#91
 Benzo(a,h,i)perylene
 Concen: 43.27 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: BF096485.D
 Acq: 5 Jul 2017 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	30.6	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

