

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096554.D
 Acq On : 7 Jul 2017 12:58
 Operator : SJ/MA
 Sample : I4064-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 14:50:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	121177	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	496206	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	241175	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	387755	20.00	ng	0.00
75) Chrysene-d12	13.84	240	216688	20.00	ng	0.00
86) Perylene-d12	15.24	264	195827	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	868319	105.76	ng	0.01
7) Phenol-d6	6.35	99	1064979	105.52	ng	0.00
23) Nitrobenzene-d5	7.26	82	640007	77.51	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	203835	108.20	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1082603	76.75	ng	0.00
78) Terphenyl-d14	12.80	244	803633	79.25	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	123226	31.65	ng	# 75
3) Pyridine	3.09	79	322965	30.24	ng	# 66
4) n-Nitrosodimethylamine	3.03	42	201791	38.27	ng	# 84
6) Aniline	6.36	93	434879	33.34	ng	# 9
8) 2-Chlorophenol	6.49	128	340646	38.91	ng	# 96
9) Benzaldehyde	6.24	77	236372	37.42	ng	# 97
10) Phenol	6.36	94	428532	37.27	ng	# 77
11) bis(2-Chloroethyl)ether	6.44	93	330188	37.16	ng	# 92
12) 1,3-Dichlorobenzene	6.64	146	357901	38.99	ng	# 99
13) 1,4-Dichlorobenzene	6.72	146	359099	39.14	ng	# 96
14) 1,2-Dichlorobenzene	6.87	146	328249	38.96	ng	# 98
15) Benzyl Alcohol	6.85	79	281703	41.75	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	706107	39.09	ng	# 92
17) 2-Methylphenol	6.96	107	280269	40.17	ng	# 98
18) Hexachloroethane	7.21	117	129971	39.07	ng	# 77
19) n-Nitroso-di-n-propylamine	7.12	70	222632	37.03	ng	# 84
20) 3+4-Methylphenols	7.12	107	319613	41.07	ng	# 85
22) Acetophenone	7.11	105	438176	40.41	ng	# 93
24) Nitrobenzene	7.28	77	343221	39.62	ng	# 91
25) Isophorone	7.52	82	553640	34.58	ng	# 95
26) 2-Nitrophenol	7.60	139	172017	37.52	ng	# 91
27) 2,4-Dimethylphenol	7.65	122	281766	36.09	ng	# 95
28) bis(2-Chloroethoxy)methane	7.73	93	374502	35.43	ng	# 99
29) 2,4-Dichlorophenol	7.85	162	256981	38.15	ng	# 99
30) 1,2,4-Trichlorobenzene	7.93	180	240495	37.85	ng	# 97
31) Naphthalene	8.00	128	954492	40.75	ng	# 99
32) Benzoic acid	7.76	122	138905	21.18	ng	# 96
33) 4-Chloroaniline	8.05	127	367719	37.79	ng	# 96
34) Hexachlorobutadiene	8.13	225	135108	41.46	ng	# 98
35) Caprolactam	8.42	113	56813	24.46	ng	# 70
36) 4-Chloro-3-methylphenol	8.54	107	301164	40.41	ng	# 88
37) 2-Methylnaphthalene	8.69	142	651281	43.68	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	219293	35.02	ng	# 98
40) Hexachlorocyclopentadiene	8.85	237	214740	70.53	ng	# 99

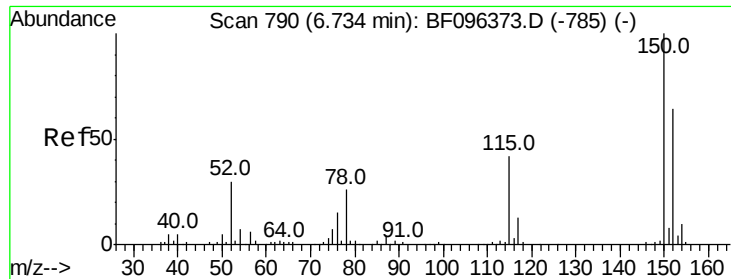
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	171071	34.53	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	187852	38.35	nq	97
45) 1,1'-Biphenyl	9.16	154	706418	34.19	nq	97
46) 2-Chloronaphthalene	9.18	162	534004	34.68	nq	93
47) 2-Nitroaniline	9.27	65	190360	33.97	nq	94
48) Acenaphthylene	9.60	152	918878	37.66	nq	98
49) Dimethylphthalate	9.46	163	708537	39.35	nq	99
50) 2,6-Dinitrotoluene	9.52	165	153984	38.68	nq	# 92
51) Acenaphthene	9.77	154	521637	34.68	nq	98
52) 3-Nitroaniline	9.69	138	163479	32.92	nq	# 89
53) 2,4-Dinitrophenol	9.79	184	95660	45.24	nq	# 74
54) Dibenzofuran	9.94	168	788485	39.70	nq	99
55) 4-Nitrophenol	9.86	139	268748	65.30	nq	# 66
56) 2,4-Dinitrotoluene	9.92	165	200861	39.84	nq	# 80
57) Fluorene	10.28	166	568297	40.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	145356	42.89	nq	98
59) Diethylphthalate	10.16	149	657700	38.65	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	236595	38.77	nq	94
61) 4-Nitroaniline	10.30	138	179218	39.69	nq	89
62) Azobenzene	10.43	77	578660	35.17	nq	93
64) 4,6-Dinitro-2-methylphenol	10.33	198	83996	31.41	nq	86
65) n-Nitrosodiphenylamine	10.39	169	515464	37.89	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	156896	41.57	nq	98
67) Hexachlorobenzene	10.83	284	159793	38.67	nq	95
68) Atrazine	10.92	200	163245	42.00	nq	95
69) Pentachlorophenol	11.02	266	157530	64.33	nq	97
70) Phenanthrene	11.24	178	822716	39.25	nq	98
71) Anthracene	11.29	178	885889	41.47	nq	98
72) Carbazole	11.44	167	856184	39.86	nq	99
73) Di-n-butylphthalate	11.78	149	1029521	39.57	nq	98
74) Fluoranthene	12.42	202	777994	37.86	nq	99
76) Benzidine	12.54	184	350289	33.69	nq	# 92
77) Pyrene	12.64	202	792476	45.56	nq	99
79) Butylbenzylphthalate	13.27	149	381238	43.30	nq	# 79
80) Benzo(a)anthracene	13.83	228	514510	41.00	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	154873	30.05	nq	# 97
82) Chrysene	13.87	228	512180	38.98	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	465406	47.36	nq	# 100
84) Di-n-octyl phthalate	14.44	149	789049	40.77	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.59	276	538958	51.96	nq	97
87) Benzo(b)fluoranthene	14.84	252	430903	35.12	nq	98
88) Benzo(k)fluoranthene	14.84	252	430903	39.26	nq	95
89) Benzo(a)pyrene	15.19	252	421460	38.47	nq	98
90) Dibenzo(a,h)anthracene	16.61	278	437720	50.79	nq	96
91) Benzo(g,h,i)perylene	17.00	276	473372	53.01	nq	98

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

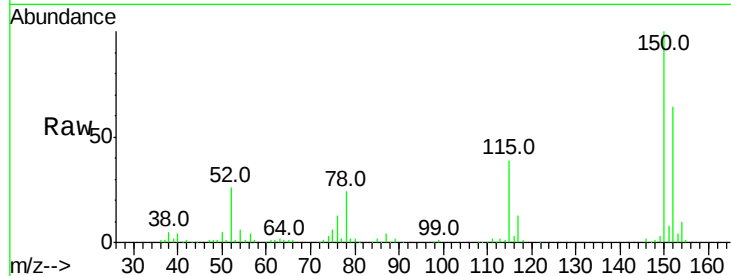


#1

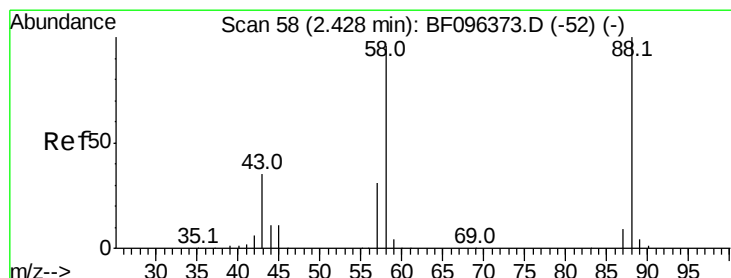
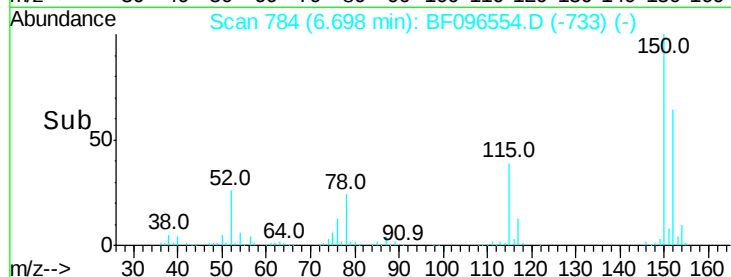
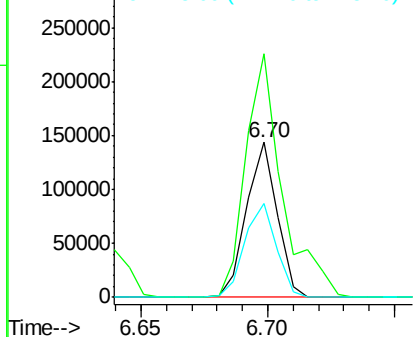
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121177
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 60.6 52.2 78.2



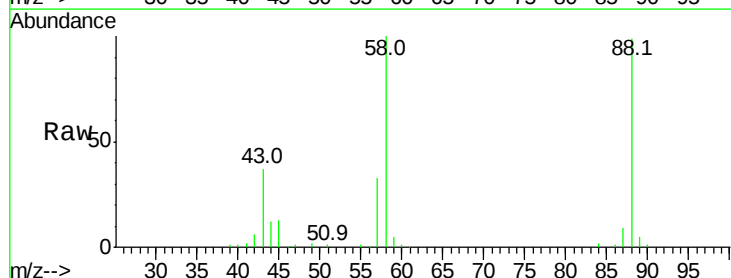
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



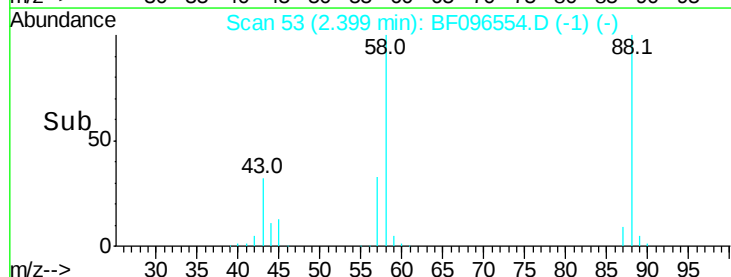
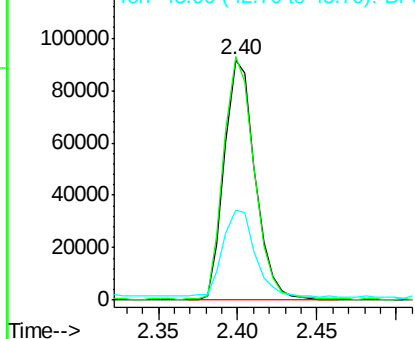
#2

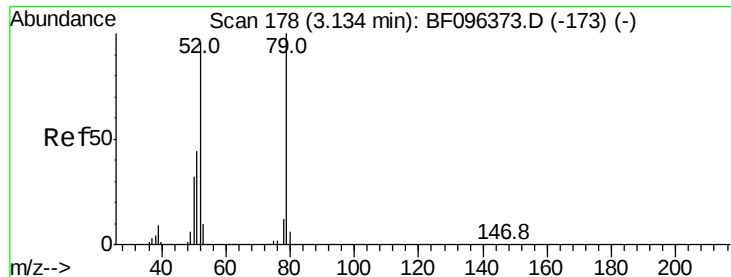
1,4-Dioxane
Concen: 31.65 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.04 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion: 88 Resp: 123226
Ion Ratio Lower Upper
88 100
58 100.8 61.4 92.0#
43 38.7 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: 30.24 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.04 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

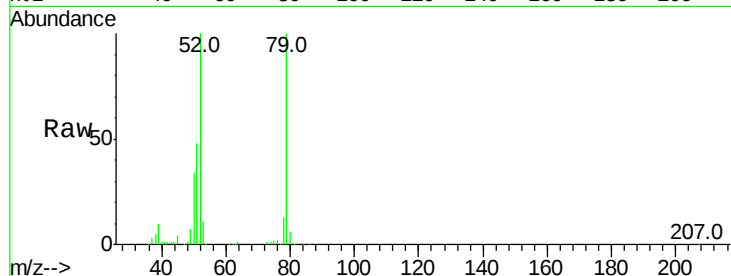
Tot Ion: 79 Resp: 322965

Ion Ratio Lower Upper

79 100

52 100.3 54.8 82.2#

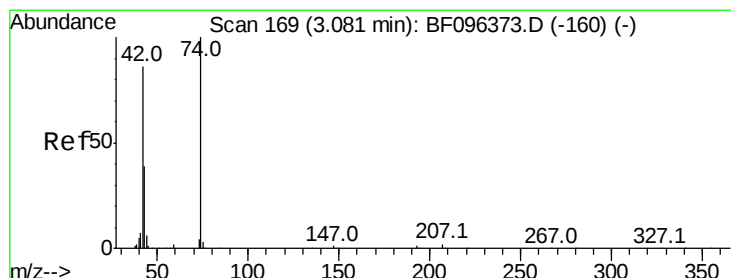
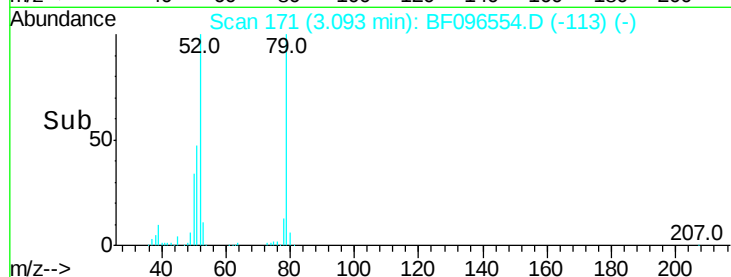
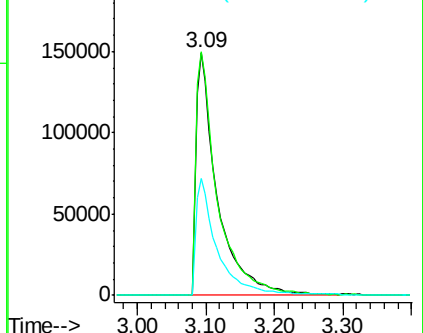
51 47.9 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.27 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.03 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

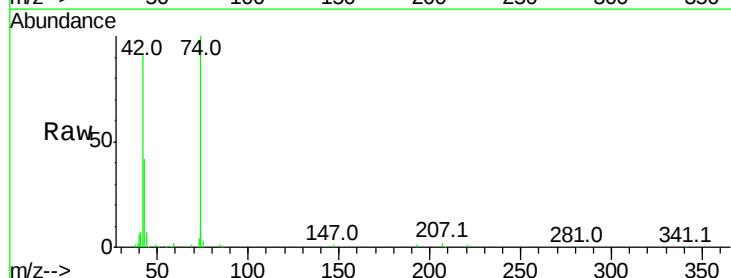
Tgt Ion: 42 Resp: 201791

Ion Ratio Lower Upper

42 100

74 110.1 103.9 155.9

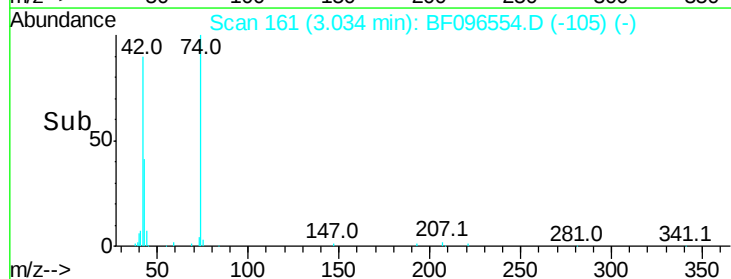
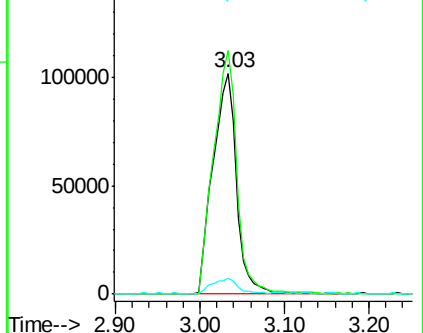
44 7.3 5.7 8.5

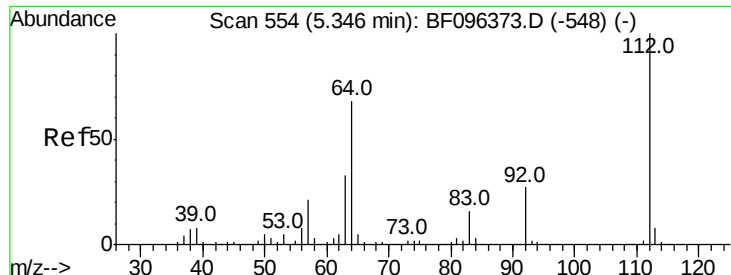


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 105.76 ng

RT: 5.32 min Scan# 550

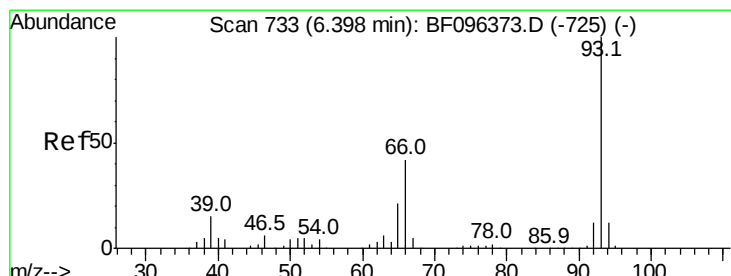
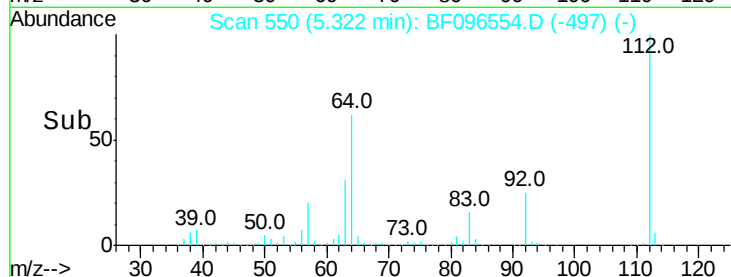
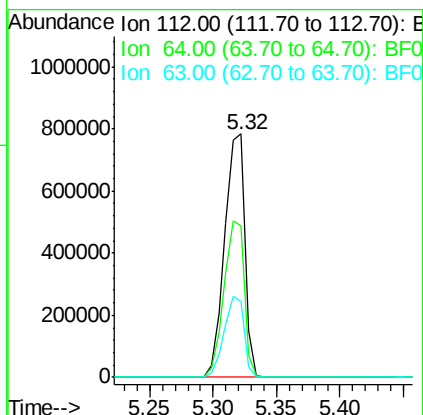
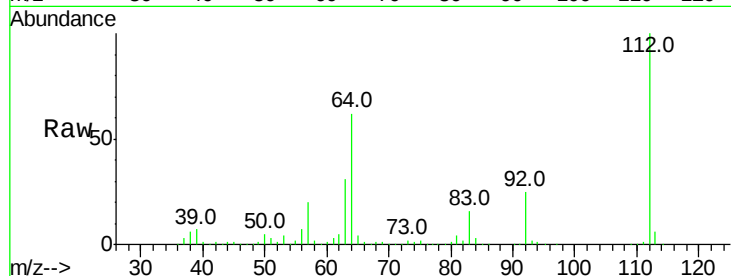
Delta R.T. 0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	868319
Ion	Ratio	Lower	Upper
112	100		
64	62.3	46.0	69.0
63	31.3	23.4	35.0



#6

Aniline

Concen: 33.34 ng

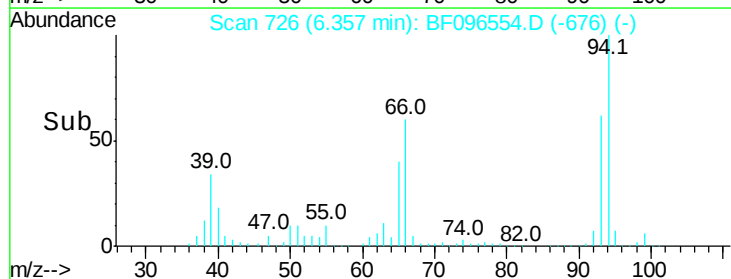
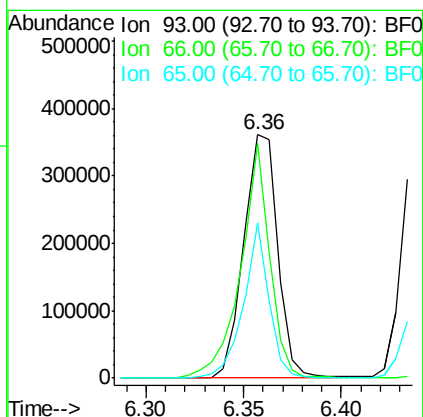
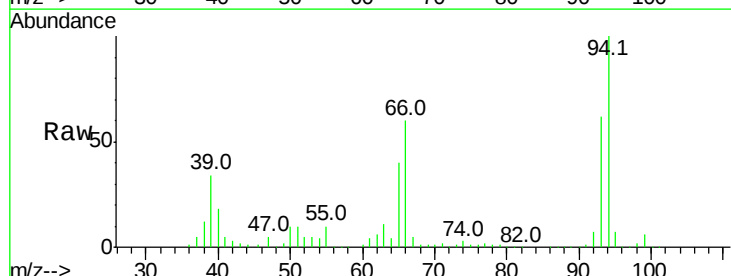
RT: 6.36 min Scan# 726

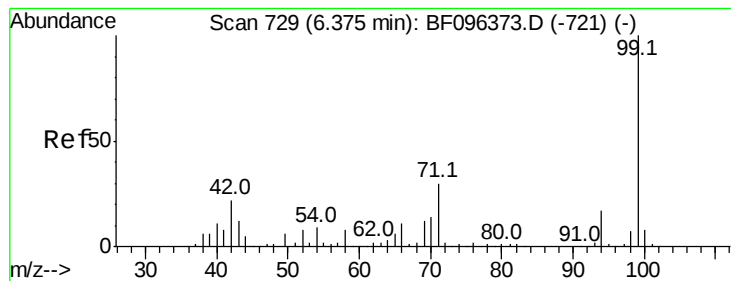
Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Tgt Ion:	93	Resp:	434879
Ion	Ratio	Lower	Upper
93	100		
66	96.3	32.9	49.3#
65	64.0	16.0	24.0#





#7

Phenol-d6

Concen: 105.52 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

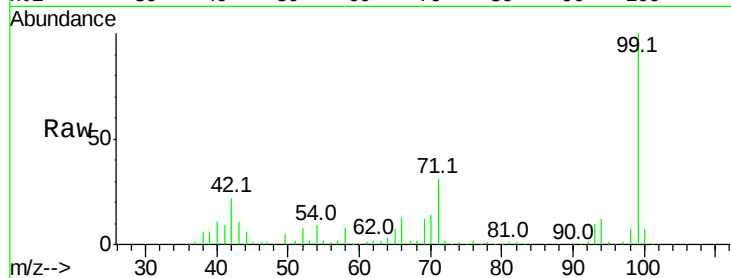
Instrument :

BNA_F

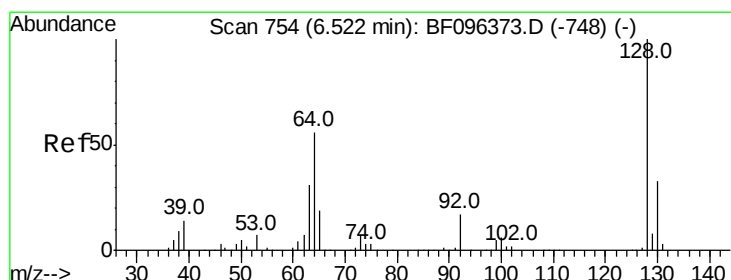
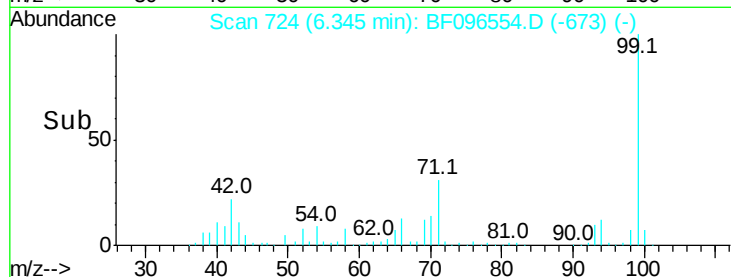
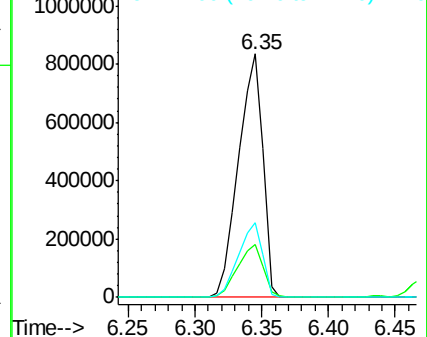
ClientSampled :

Tot Ion: 99 Resp: 1064979

Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.5	20.3#
71	30.7	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: 38.91 ng

RT: 6.49 min Scan# 748

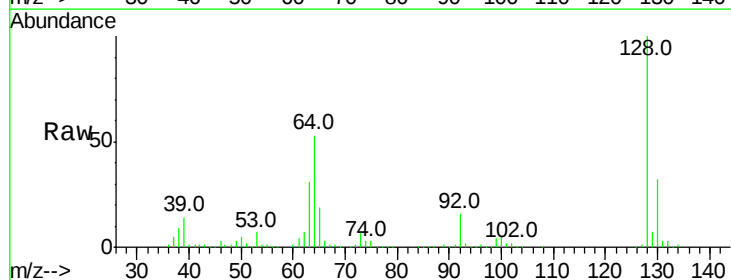
Delta R.T. -0.00 min

Lab File: BF096554.D

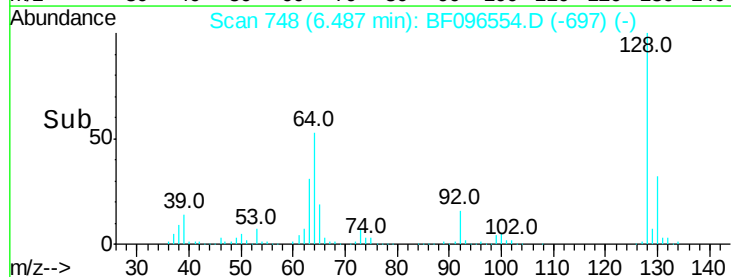
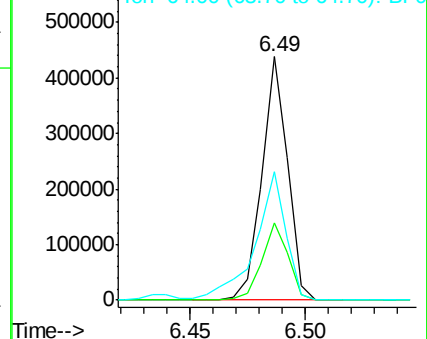
Acq: 7 Jul 2017 12:58

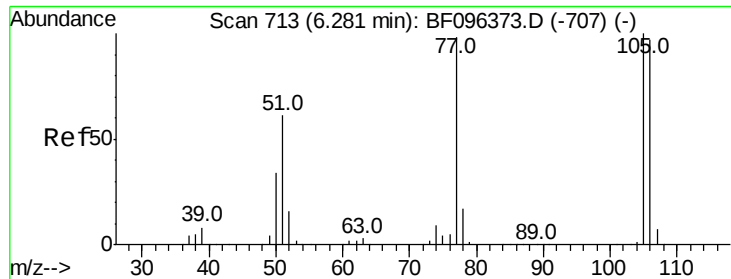
Tgt Ion:128 Resp: 340646

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.9	52.9
64	52.6	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

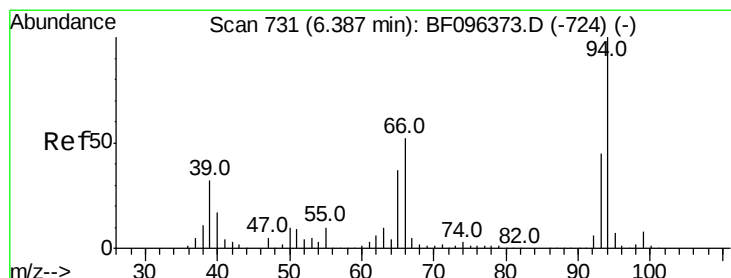
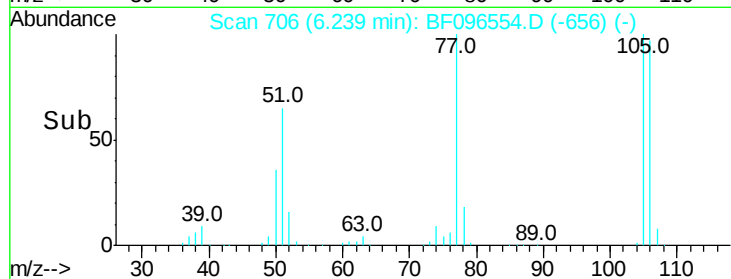
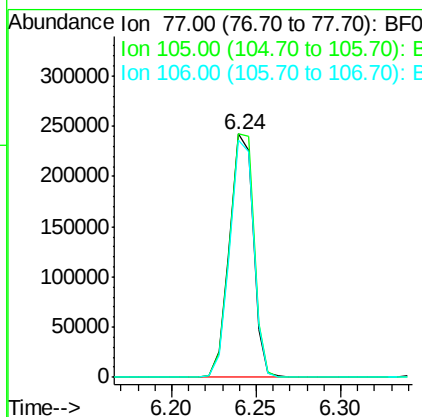
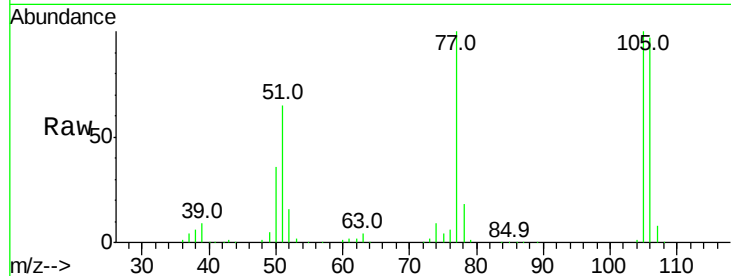




#9
Benzaldehyde
Concen: 37.42 ng
RT: 6.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

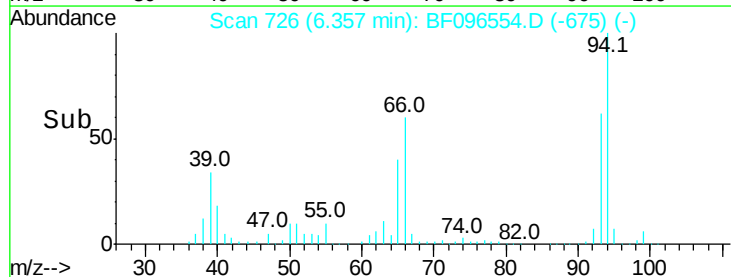
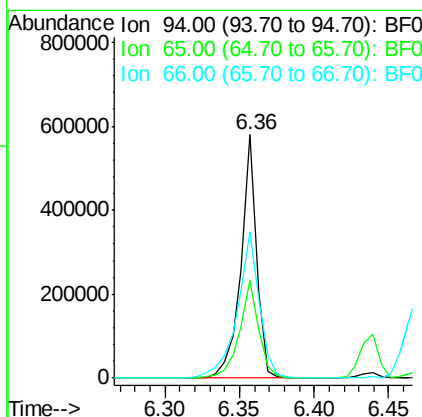
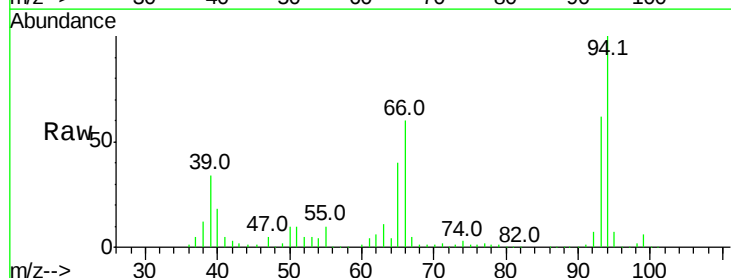
Instrument :
BNA_F
ClientSampled :

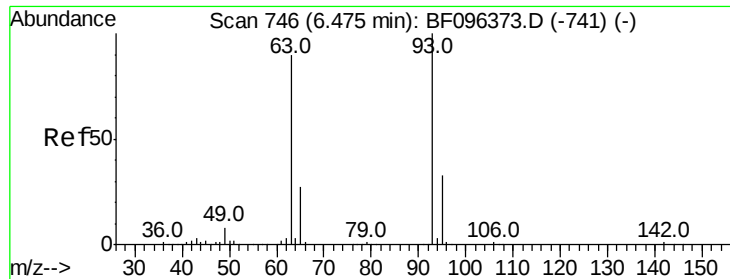
Tot Ion: 77 Resp: 236372
Ion Ratio Lower Upper
77 100
105 100.1 83.8 123.8
106 97.3 79.1 119.1



#10
Phenol
Concen: 37.27 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion: 94 Resp: 428532
Ion Ratio Lower Upper
94 100
65 39.9 9.9 49.9
66 60.0 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 37.16 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampled :

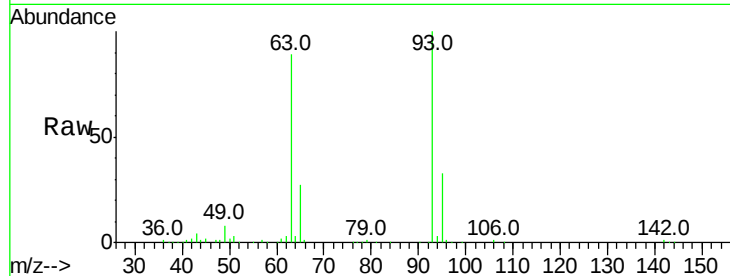
Tot Ion: 93 Resp: 330188

Ion Ratio Lower Upper

93 100

63 88.8 59.2 99.2

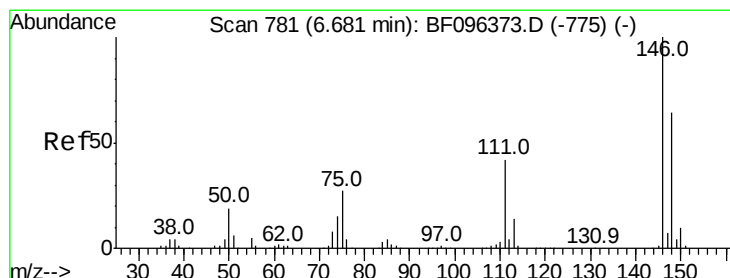
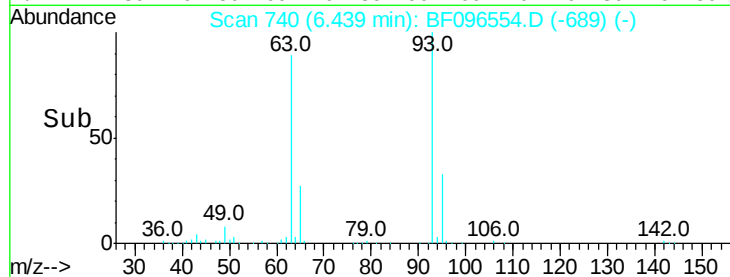
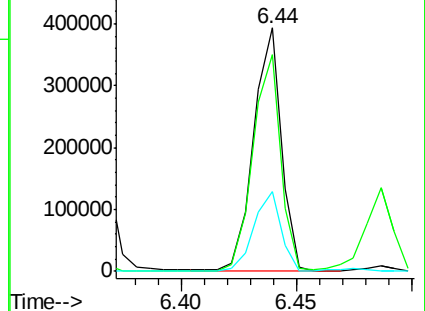
95 32.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.99 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

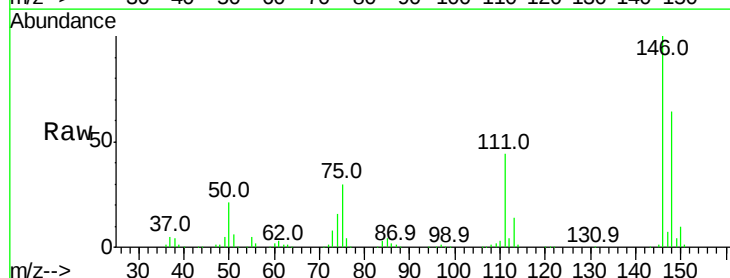
Tgt Ion: 146 Resp: 357901

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

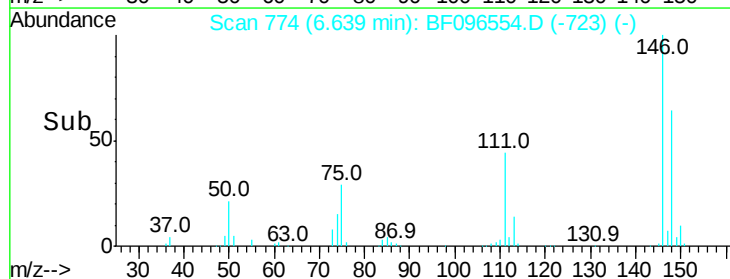
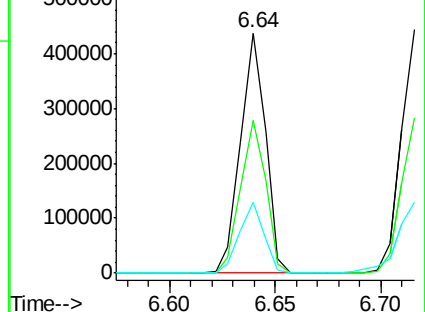
75 29.6 23.1 34.7

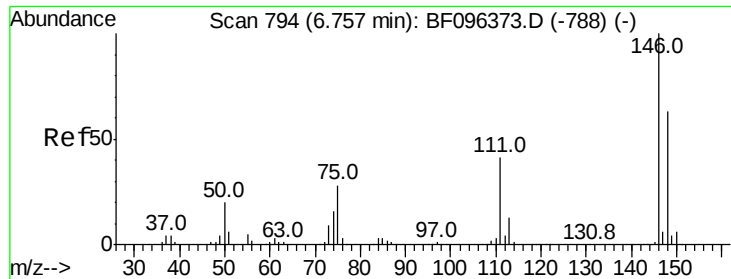


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

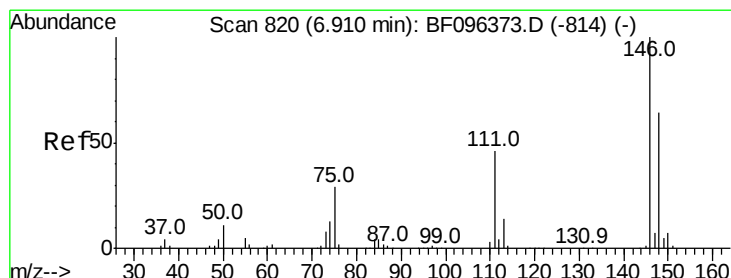
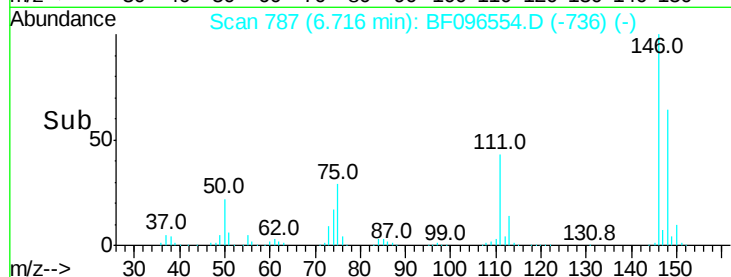
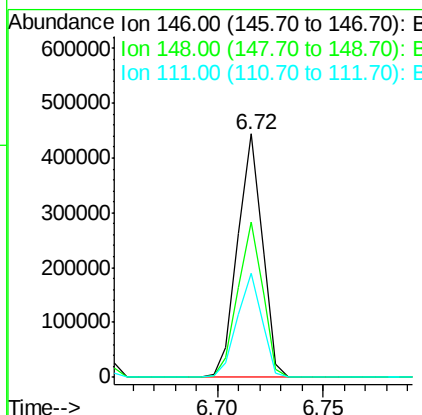
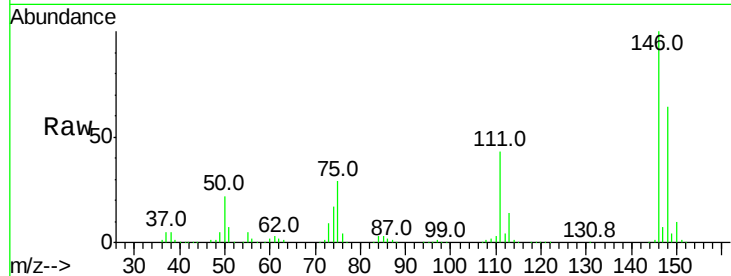




#13
 1,4-Dichlorobenzene
 Concen: 39.14 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

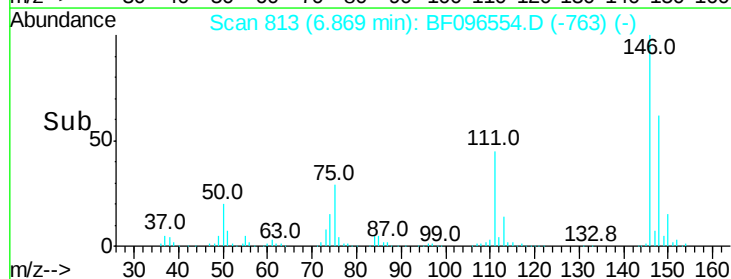
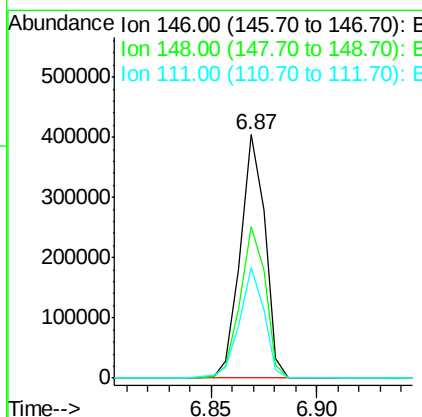
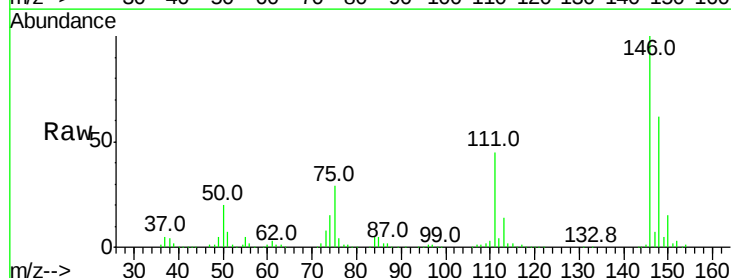
Instrument :
 BNA_F
 ClientSampled :

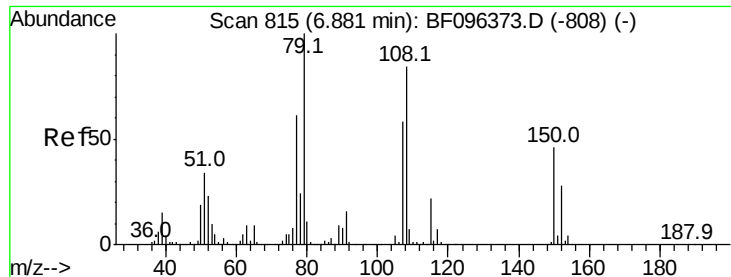
Tot Ion:146 Resp: 359099
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 42.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 38.96 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion:146 Resp: 328249
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.4 75.6
 111 45.4 38.2 57.4





#15

Benzyl Alcohol

Concen: 41.75 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampled :

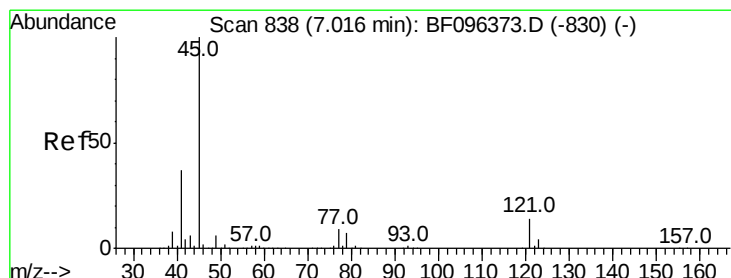
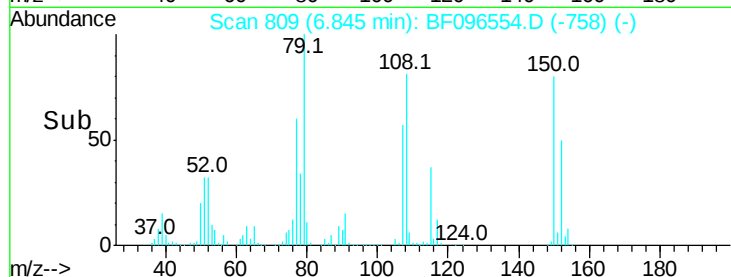
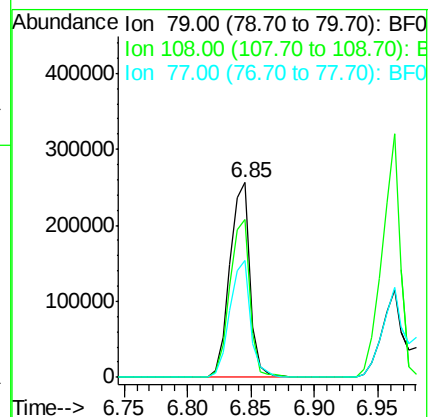
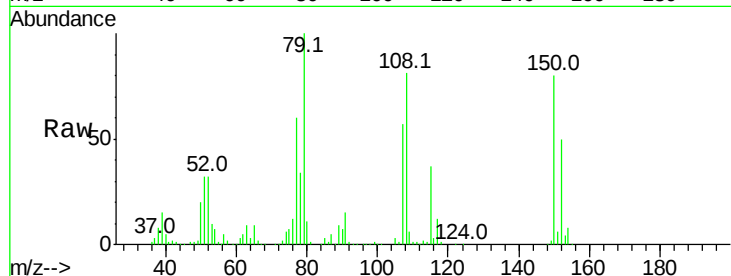
Tot Ion: 79 Resp: 281703

Ion Ratio Lower Upper

79 100

108 81.2 63.4 95.0

77 60.4 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.09 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

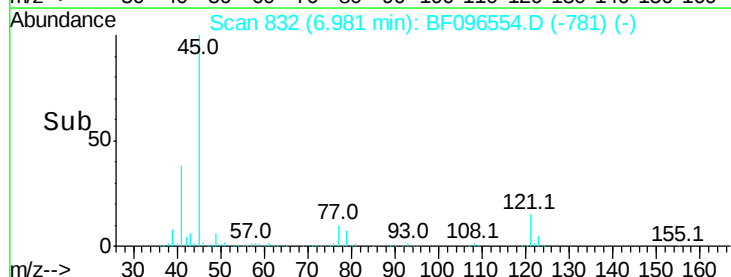
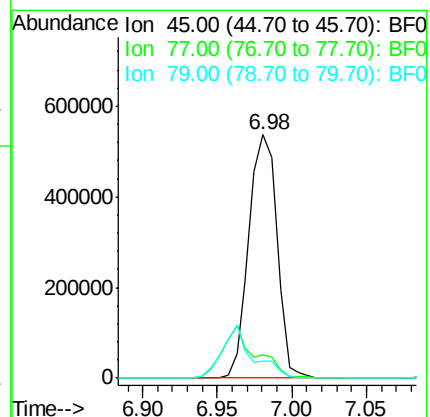
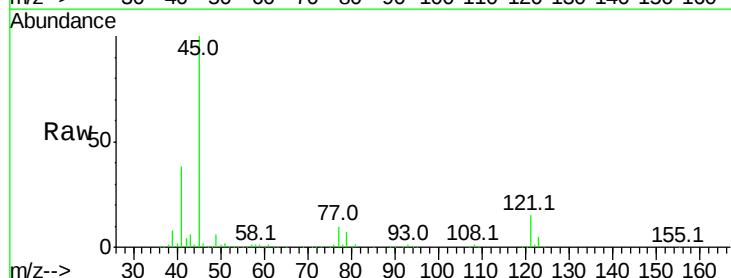
Tgt Ion: 45 Resp: 706107

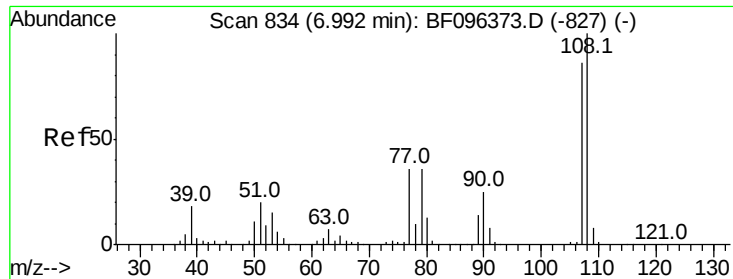
Ion Ratio Lower Upper

45 100

77 9.8 0.0 33.2

79 7.2 0.0 30.0

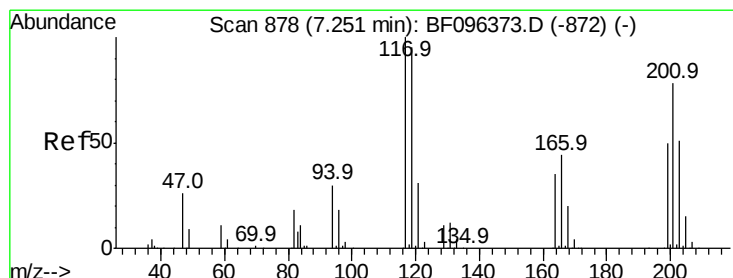
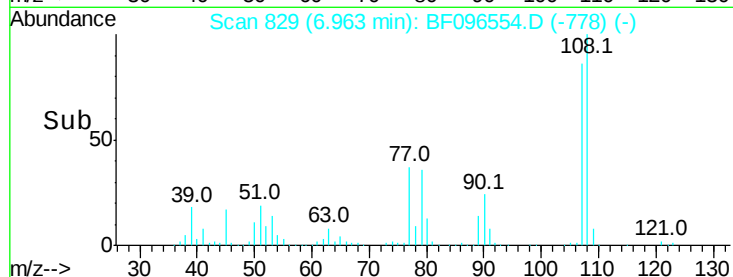
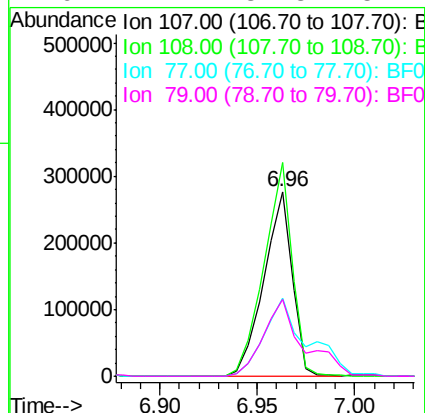
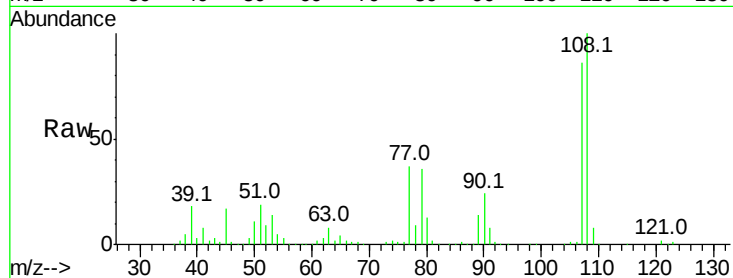




#17
2-Methylphenol
Concen: 40.17 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

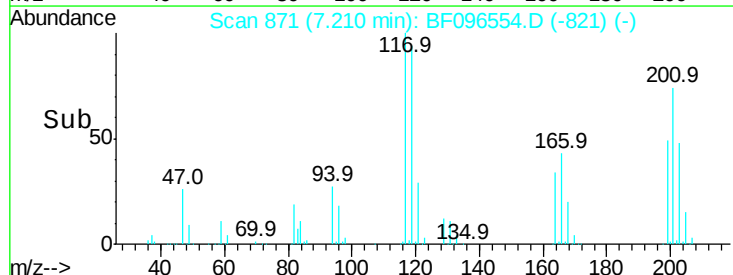
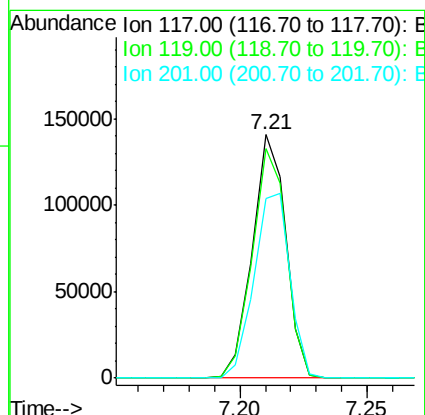
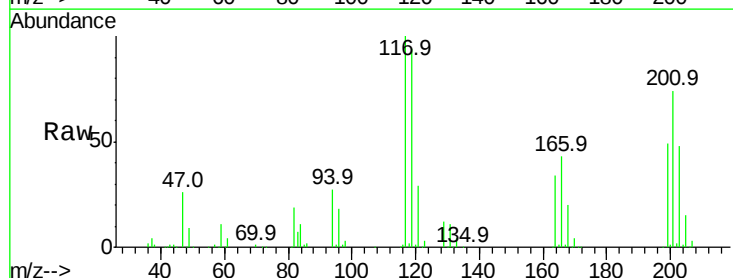
Instrument :
BNA_F
ClientSampled :

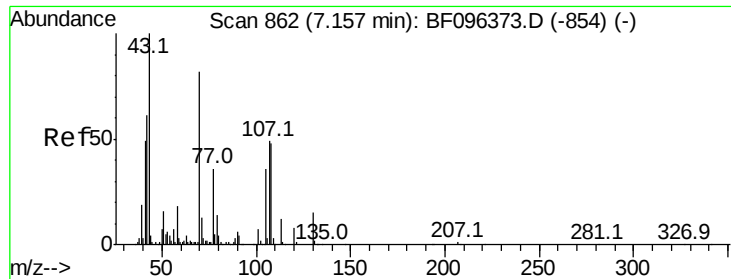
Tot Ion:107 Resp: 280269
Ion Ratio Lower Upper
107 100
108 115.7 93.4 140.0
77 42.6 35.8 53.6
79 41.7 34.8 52.2



#18
Hexachloroethane
Concen: 39.07 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion:117 Resp: 129971
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.0
201 74.0 94.6 141.8#

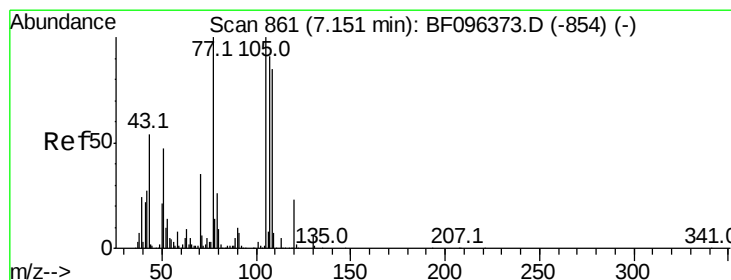
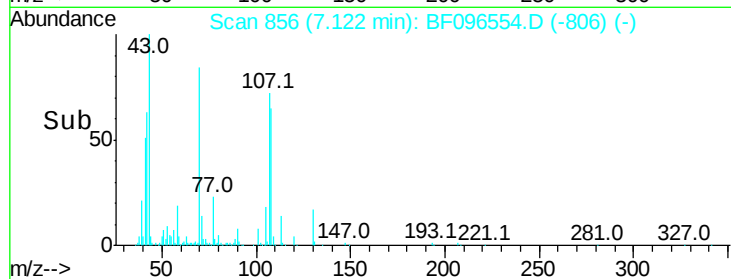
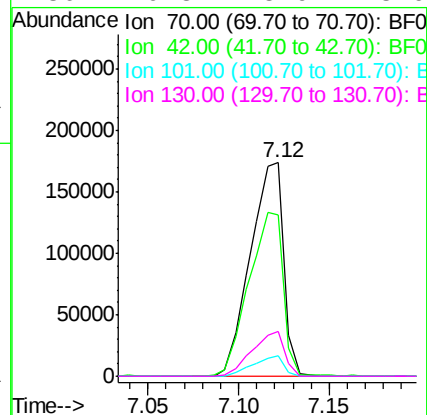
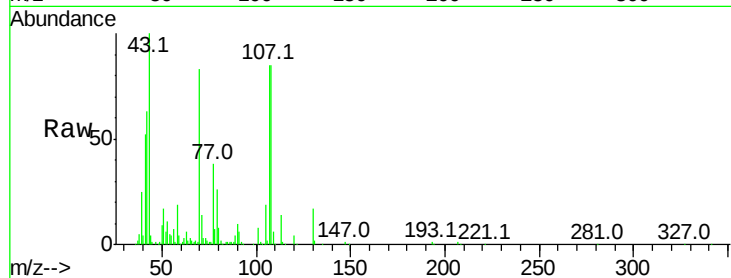




#19
n-Nitroso-di-n-propylamine
Concen: 37.03 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

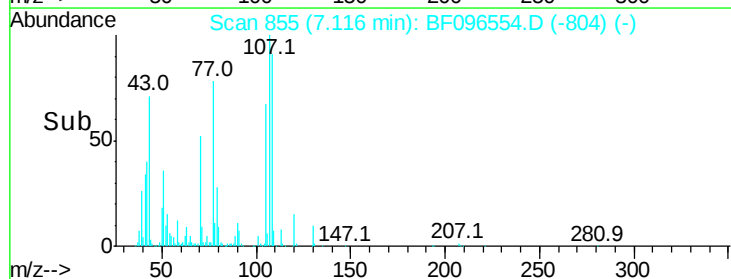
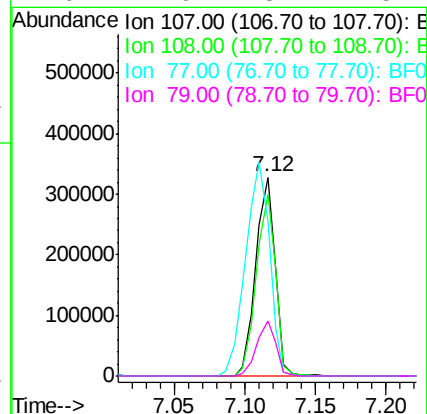
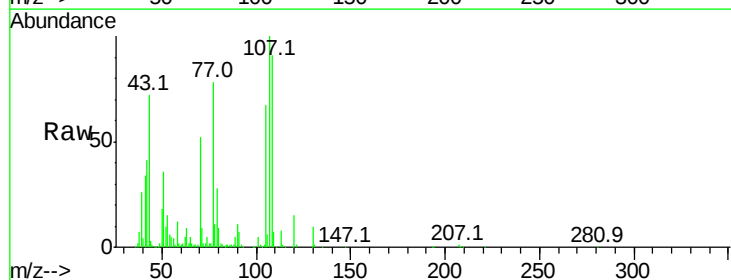
Instrument :
BNA_F
ClientSampled :

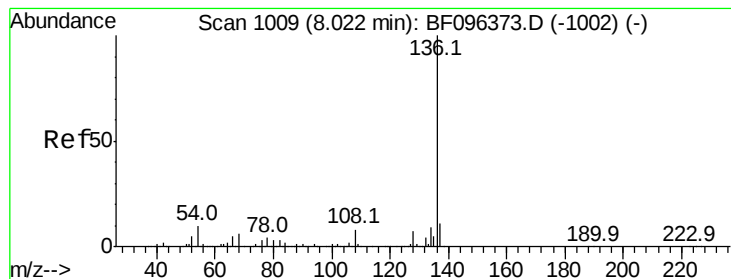
Tot Ion: 70 Resp: 222632
Ion Ratio Lower Upper
70 100
42 75.7 47.2 70.8#
101 9.7 7.2 10.8
130 20.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.07 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion: 107 Resp: 319613
Ion Ratio Lower Upper
107 100
108 91.5 71.0 111.0
77 77.9 90.5 130.5#
79 27.9 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096554.D

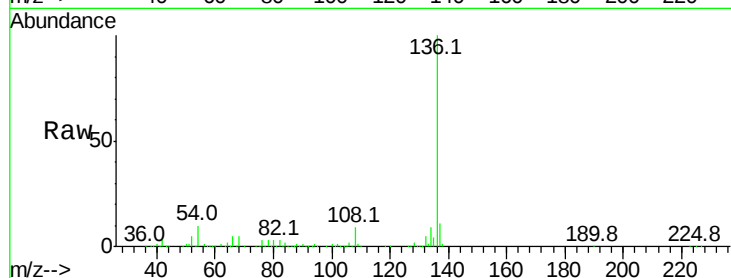
Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	496206
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	9.6	4.9	7.3#
68	5.0	4.1	6.1



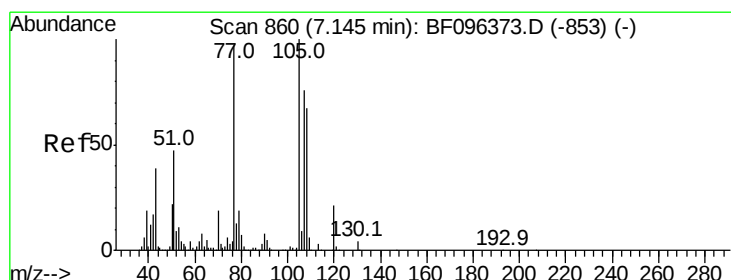
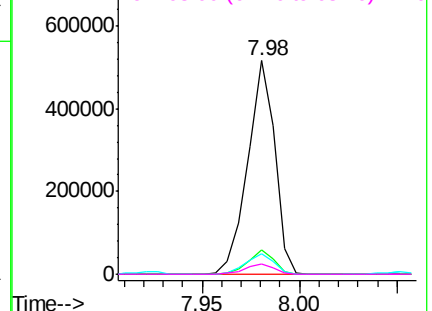
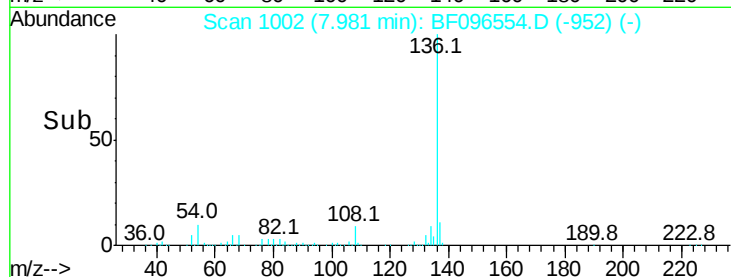
Abundance Ion 136.00 (135.70 to 136.70): E

800000

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: 40.41 ng

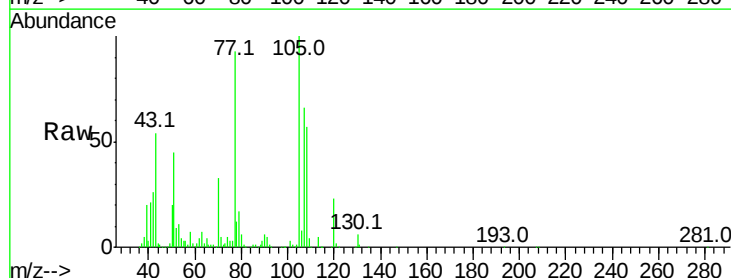
RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Tgt Ion:	105	Resp:	438176
Ion	Ratio	Lower	Upper
105	100		
71	5.1	2.8	4.2#
51	44.5	30.7	46.1
120	22.8	17.4	26.0



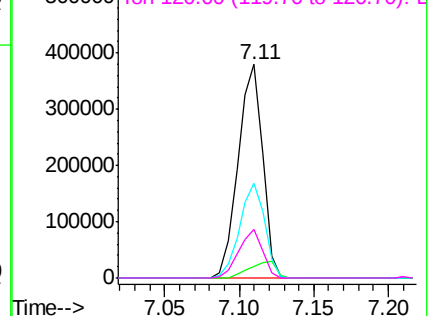
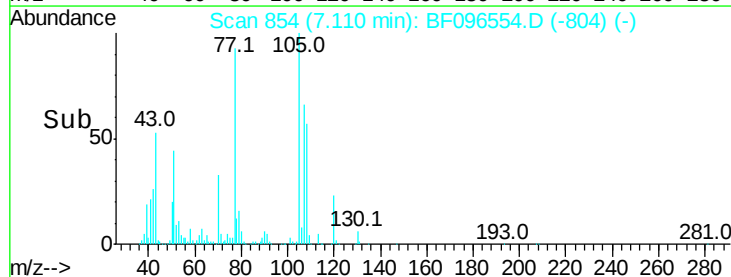
Abundance Ion 105.00 (104.70 to 105.70): E

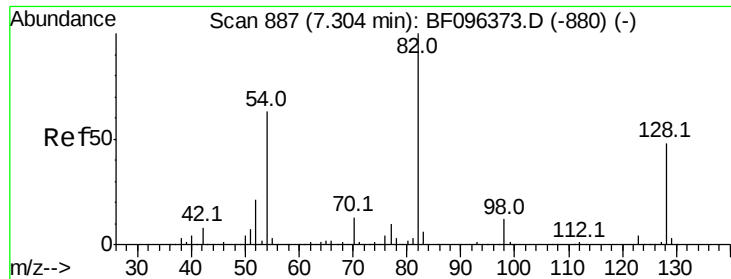
600000

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

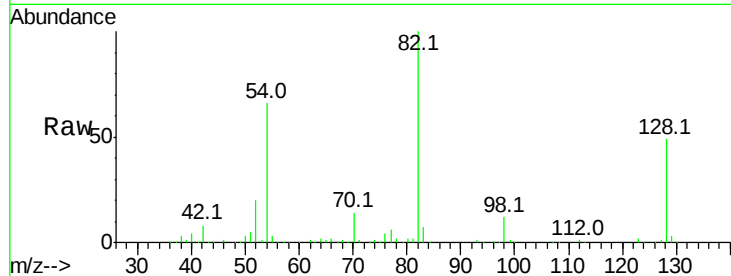




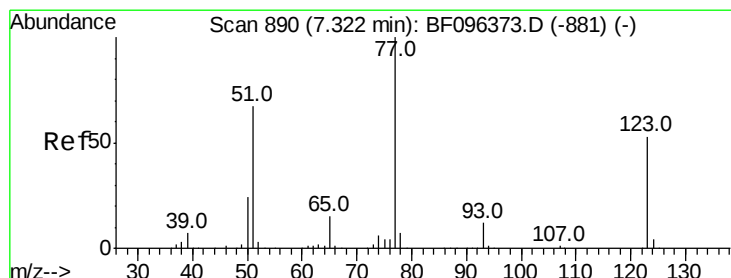
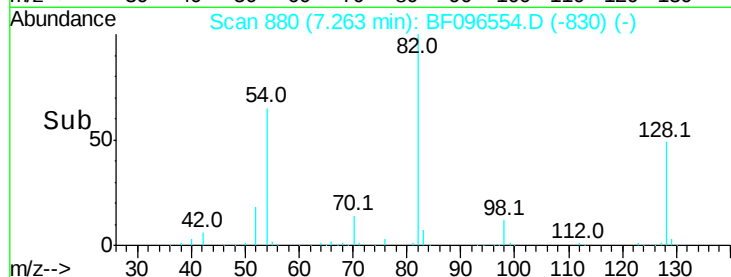
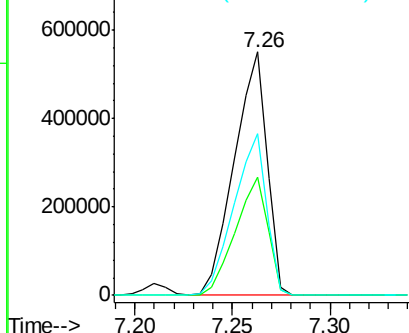
#23
Nitrobenzene-d5
Concen: 77.51 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 640007
Ion Ratio Lower Upper
82 100
128 48.8 34.0 51.0
54 66.2 42.2 63.2#

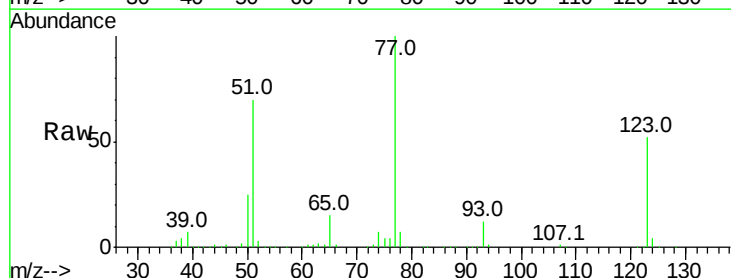


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

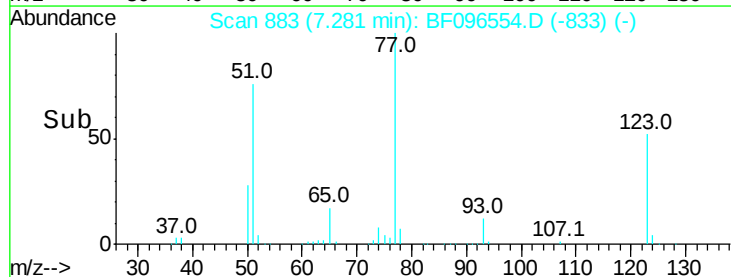
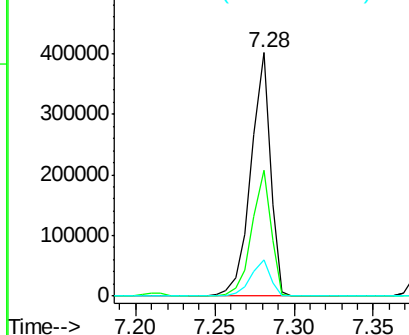


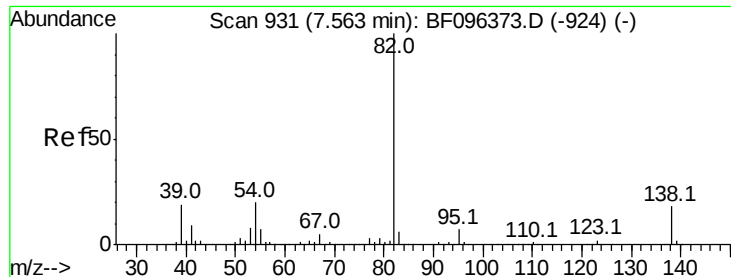
#24
Nitrobenzene
Concen: 39.62 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion: 77 Resp: 343221
Ion Ratio Lower Upper
77 100
123 51.7 35.8 53.8
65 15.0 10.6 15.8



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





#25

Isophorone

Concen: 34.58 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

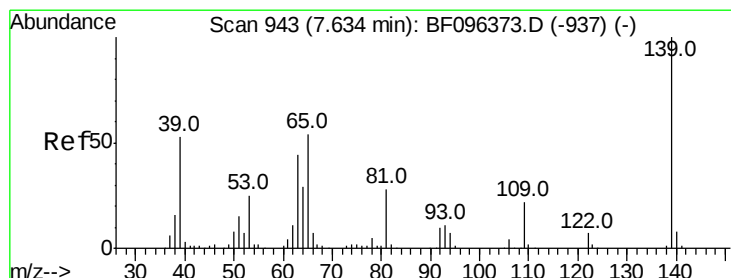
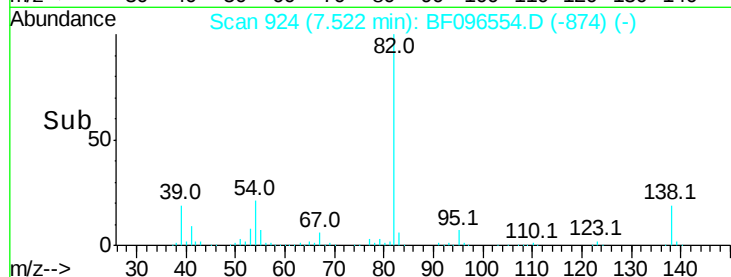
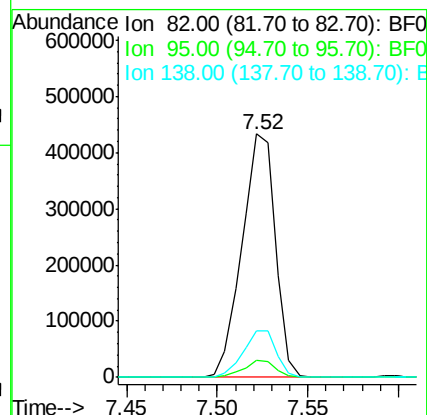
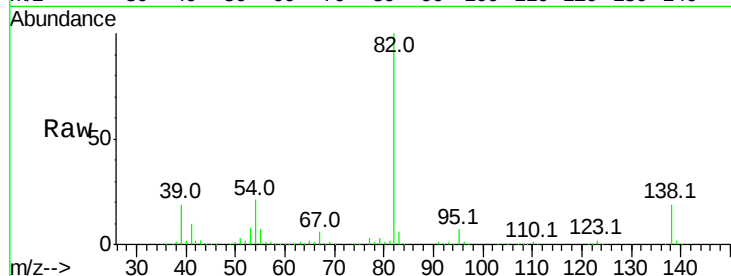
Tot Ion: 82 Resp: 553640

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 37.52 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

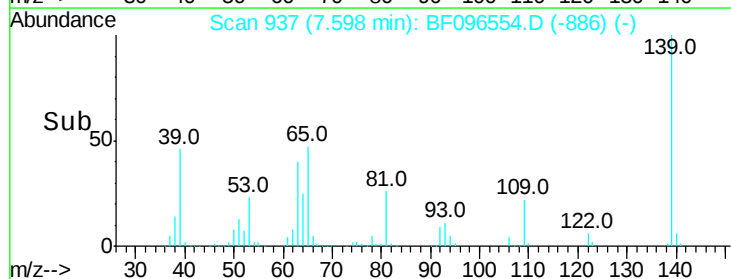
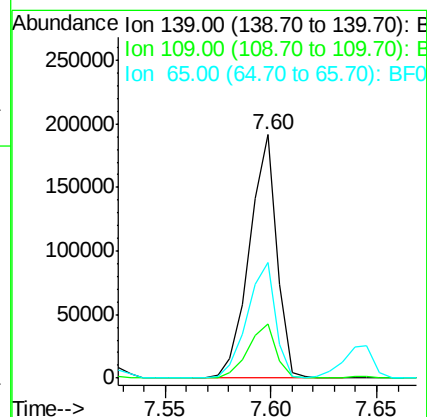
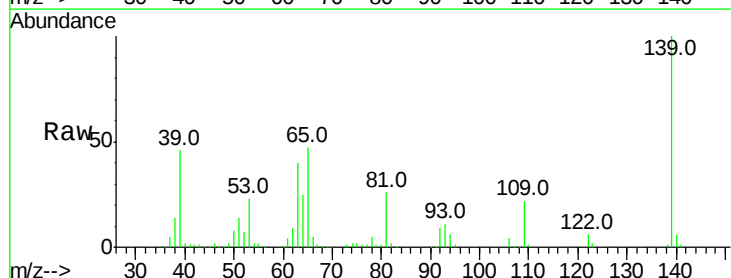
Tgt Ion:139 Resp: 172017

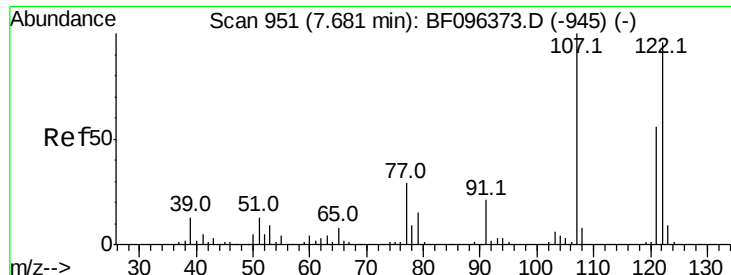
Ion Ratio Lower Upper

139 100

109 22.1 21.0 31.6

65 47.5 33.0 49.6

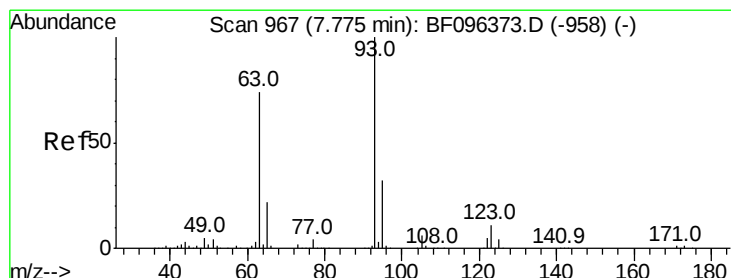
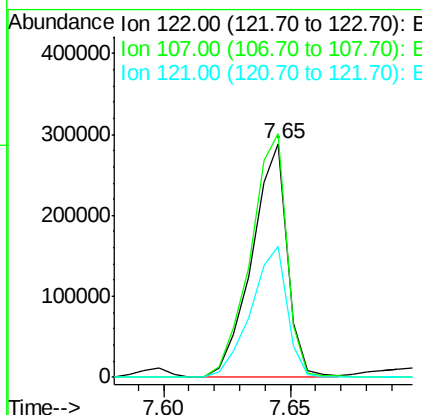
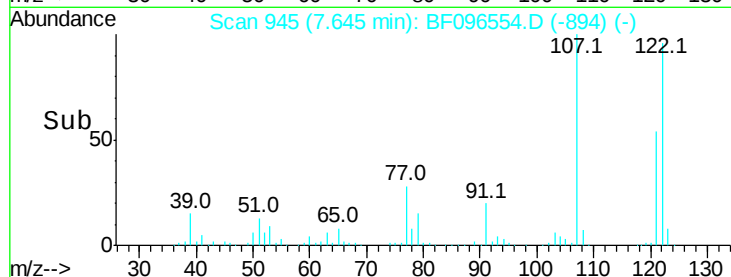
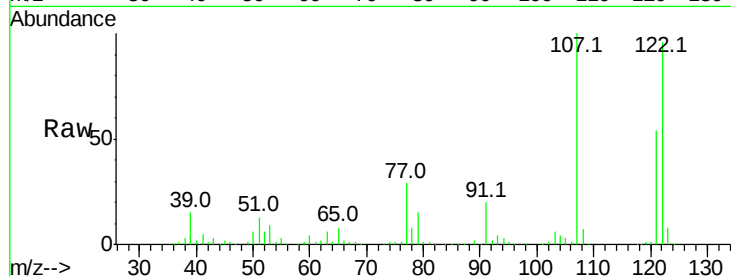




#27
 2,4-Dimethylphenol
 Concen: 36.09 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

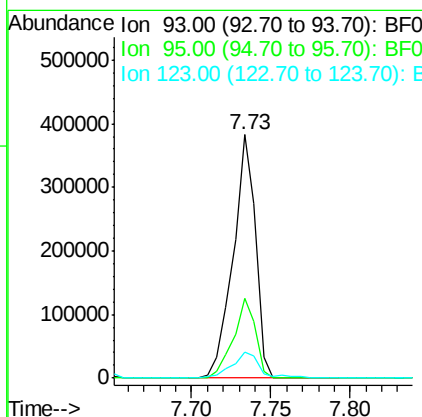
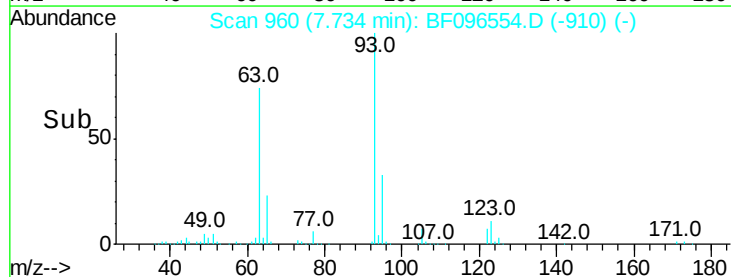
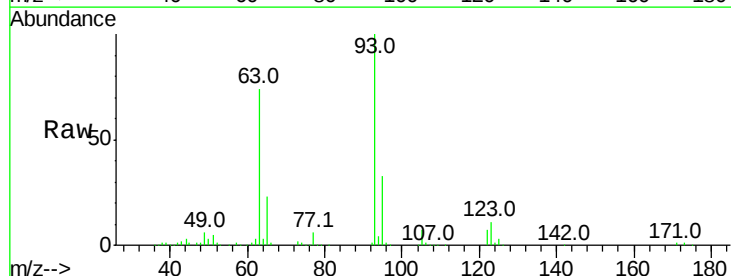
Instrument :
 BNA_F
 ClientSampleId :

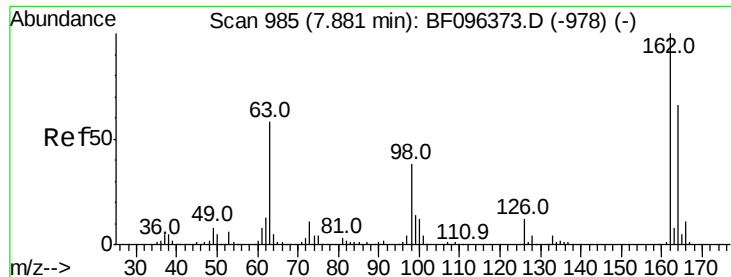
Tot Ion	Ratio	Lower	Upper
122	100		
107	104.2	89.2	133.8
121	56.0	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.43 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	10.9	9.0	13.4

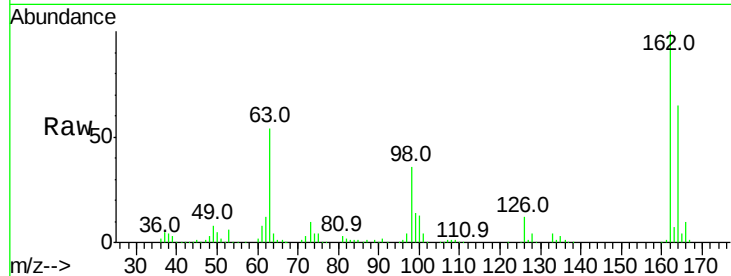




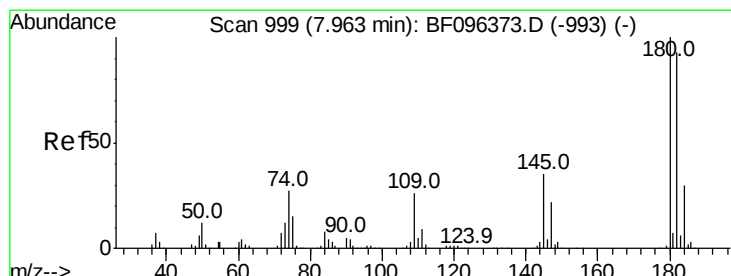
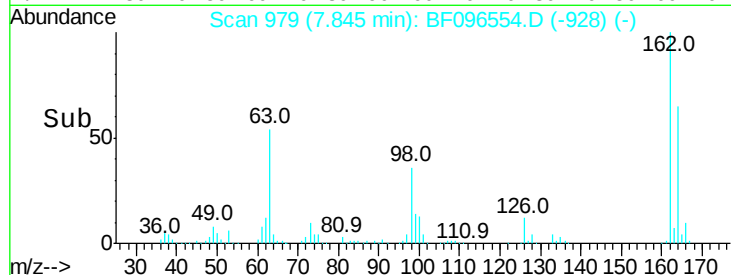
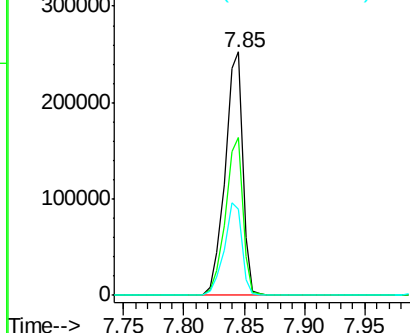
#29
 2,4-Dichlorophenol
 Concen: 38.15 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.6	84.6
98	35.6	14.8	54.8

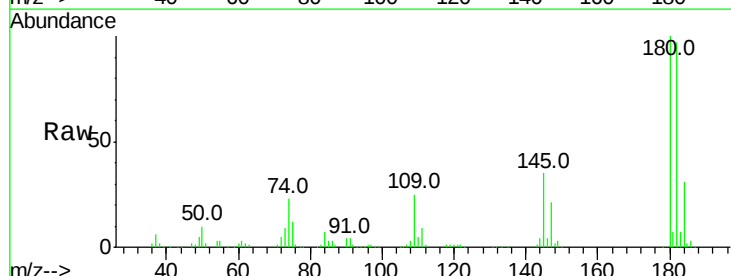


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

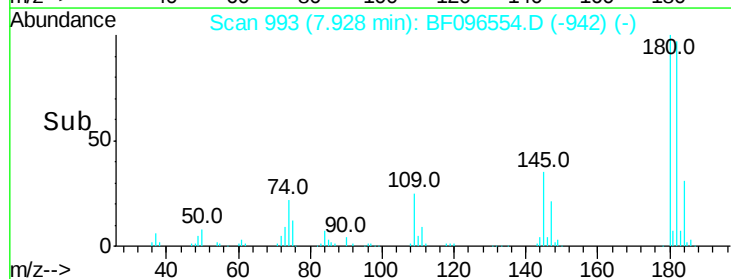
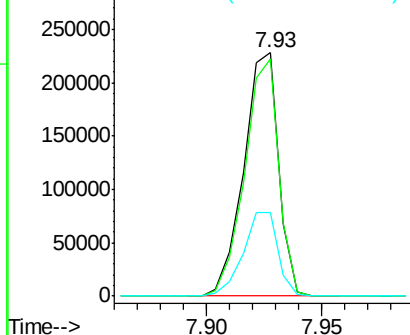


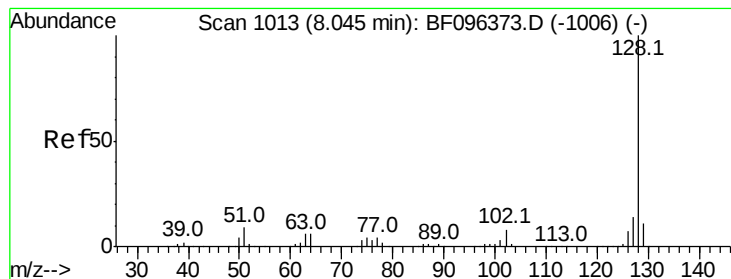
#30
 1,2,4-Trichlorobenzene
 Concen: 37.85 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.8	113.6
145	34.5	25.3	37.9



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





#31

Naphthalene

Concen: 40.75 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

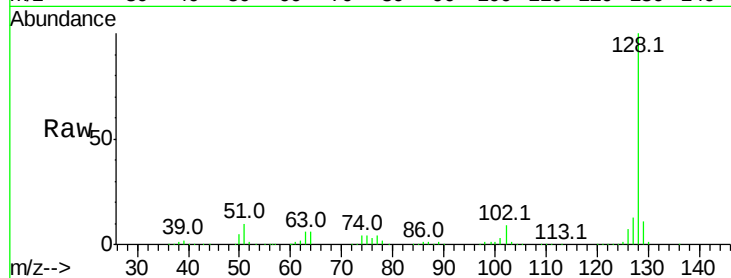
Tot Ion:128 Resp: 954492

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

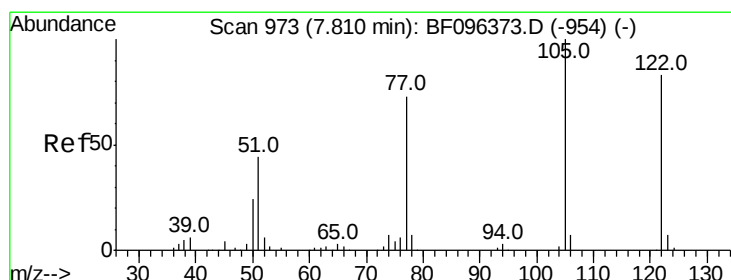
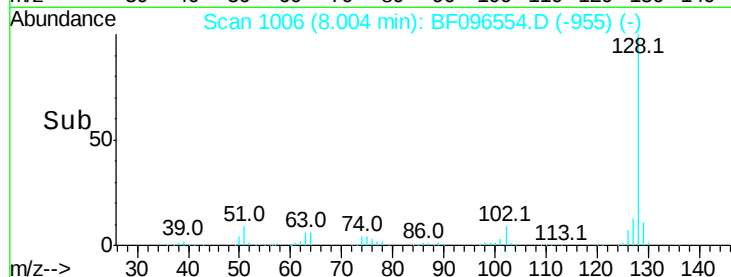
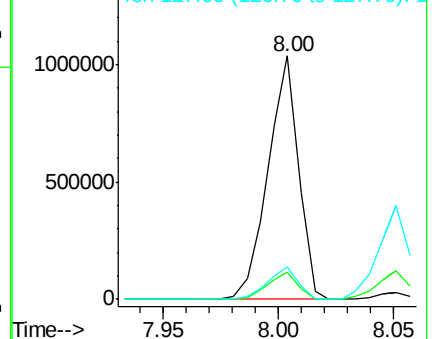
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.18 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

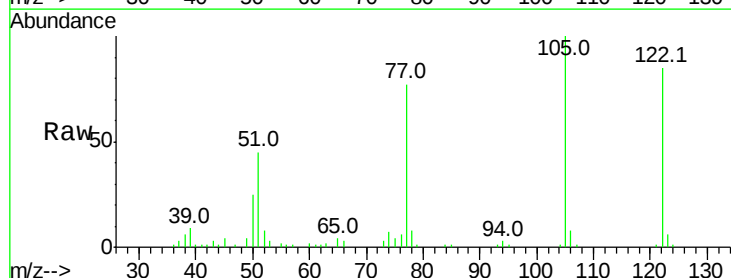
Tgt Ion:122 Resp: 138905

Ion Ratio Lower Upper

122 100

105 117.4 103.3 143.3

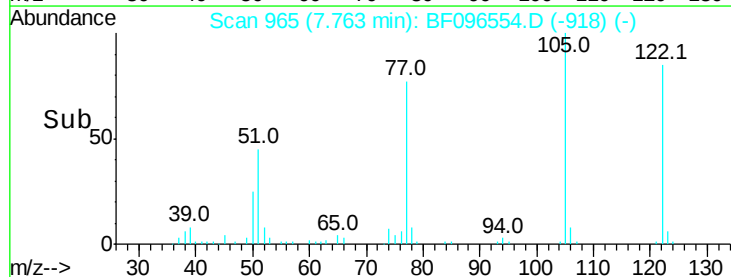
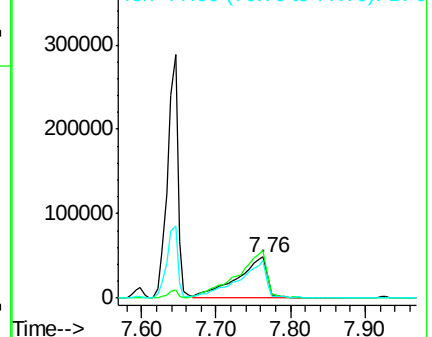
77 90.3 73.7 113.7

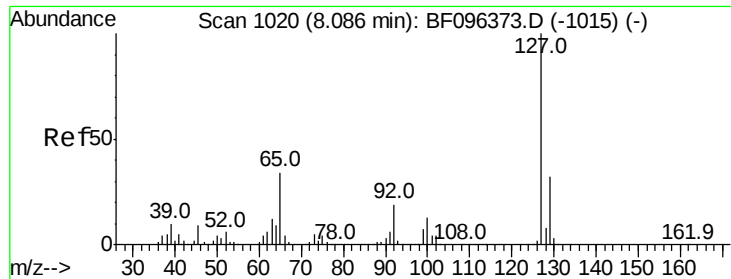


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

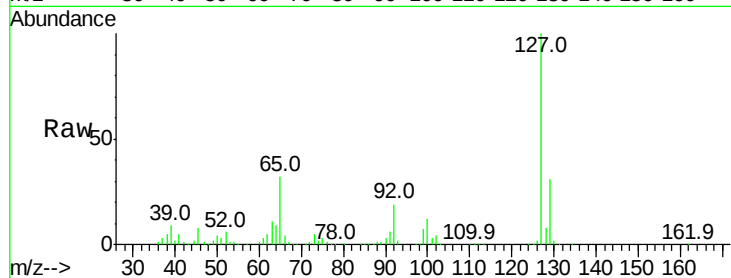




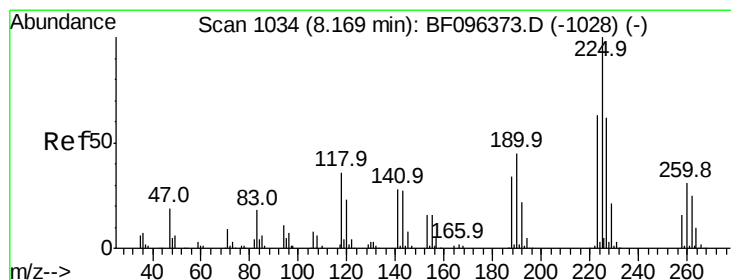
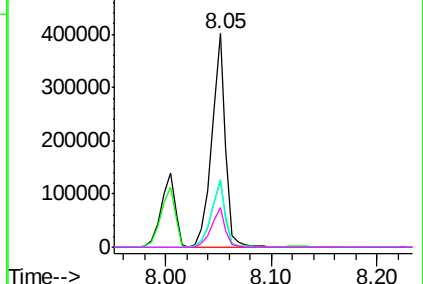
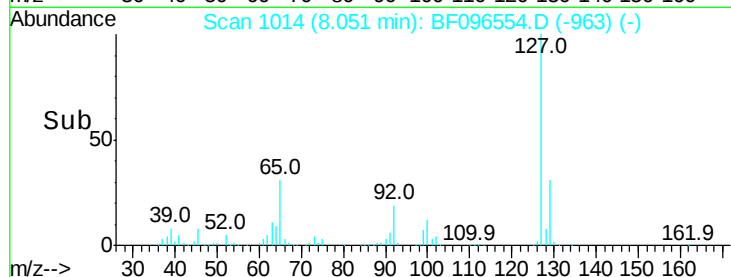
#33
4-Chloroaniline
Concen: 37.79 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 367719
Ion Ratio Lower Upper
127 100
129 31.0 26.2 39.2
65 31.8 27.8 41.8
92 18.9 16.8 25.2

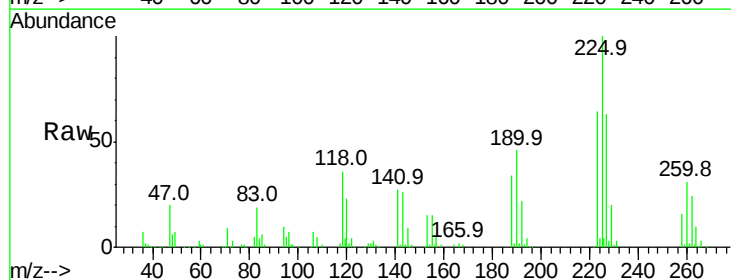


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

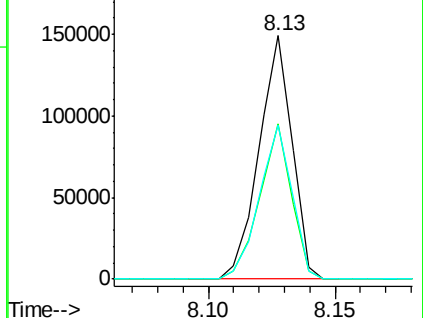
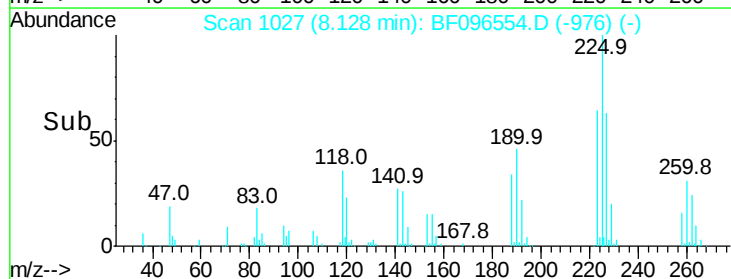


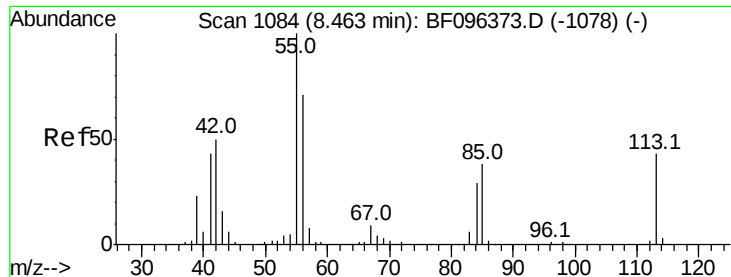
#34
Hexachlorobutadiene
Concen: 41.46 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion:225 Resp: 135108
Ion Ratio Lower Upper
225 100
223 63.9 48.8 73.2
227 63.0 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

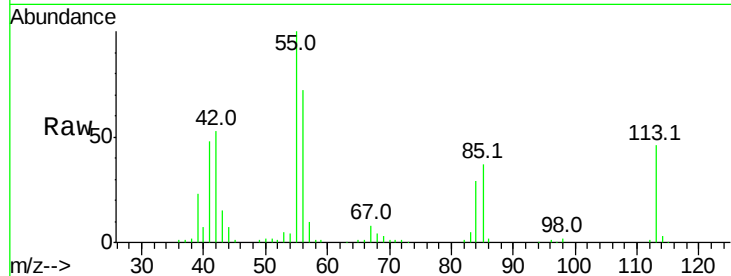




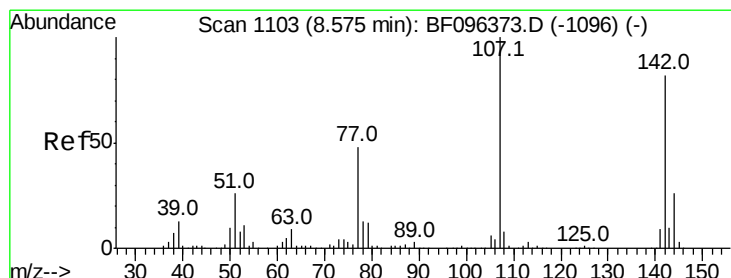
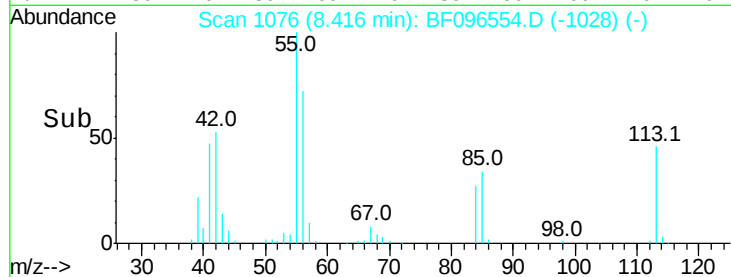
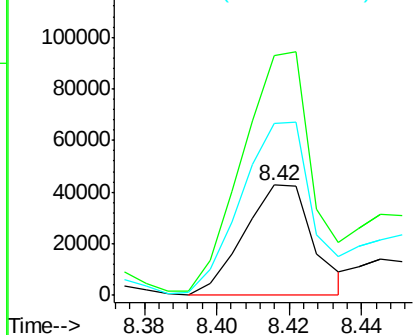
#35
 Caprolactam
 Concen: 24.46 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 56813
 Ion Ratio Lower Upper
 113 100
 55 217.0 150.2 190.2#
 56 155.8 107.8 147.8#

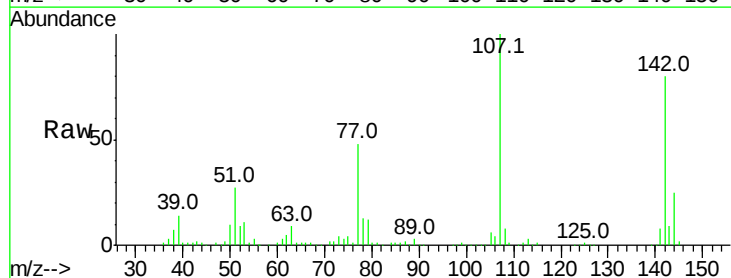


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

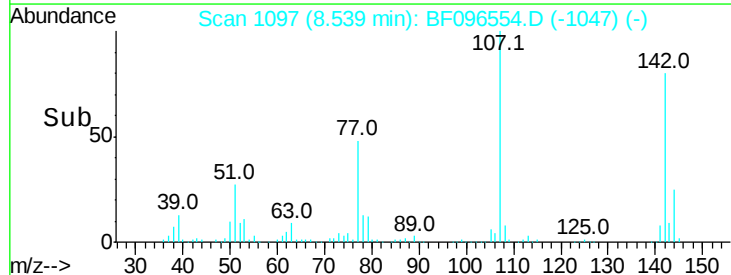
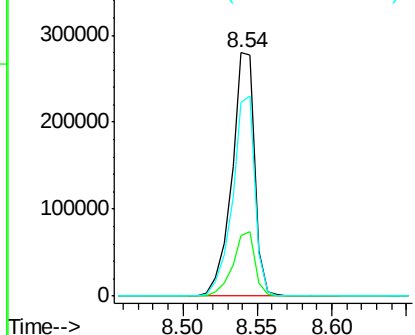


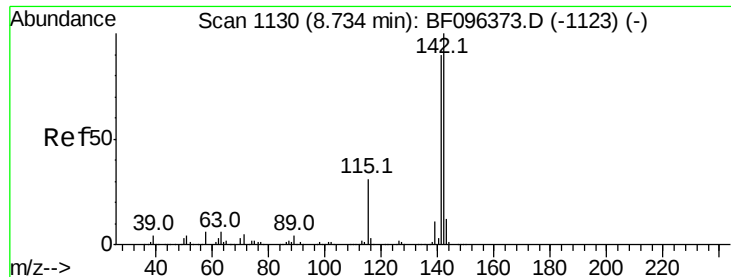
#36
 4-Chloro-3-methylphenol
 Concen: 40.41 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion:107 Resp: 301164
 Ion Ratio Lower Upper
 107 100
 144 24.8 24.2 36.4
 142 79.8 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

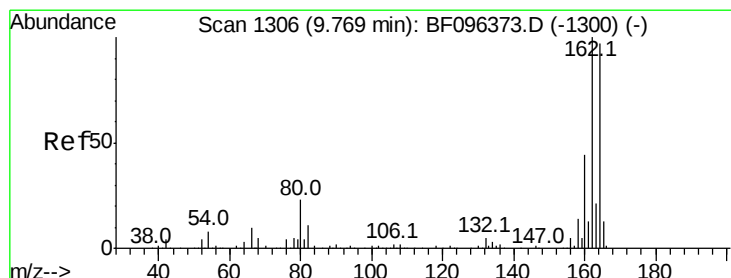
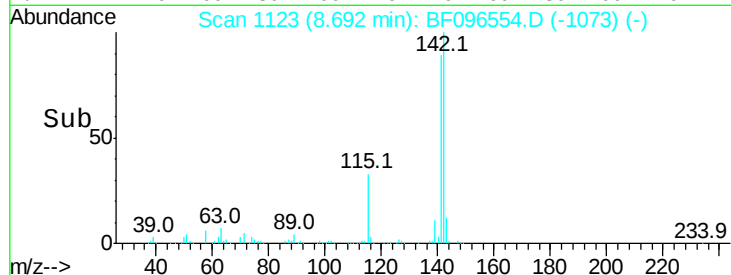
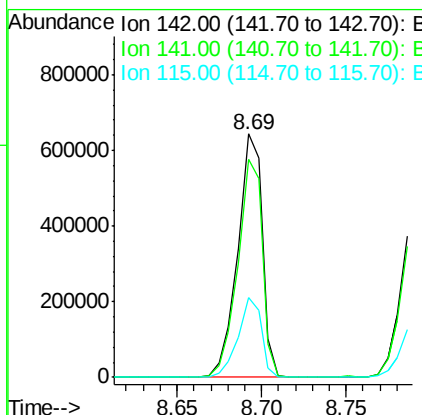
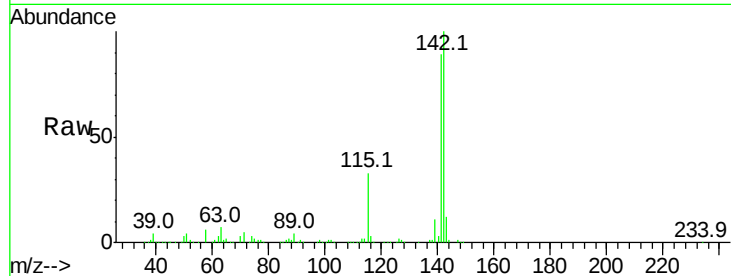




#37
2-Methylnaphthalene
Concen: 43.68 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

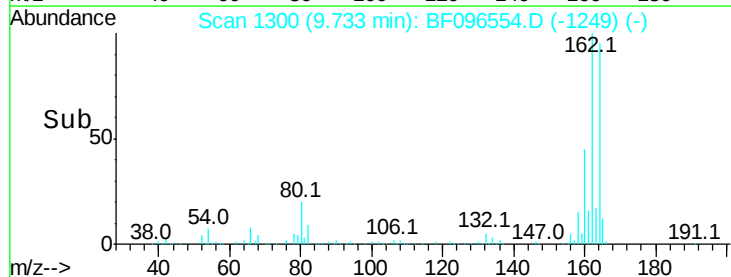
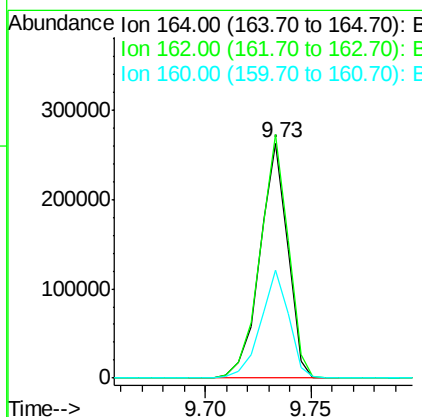
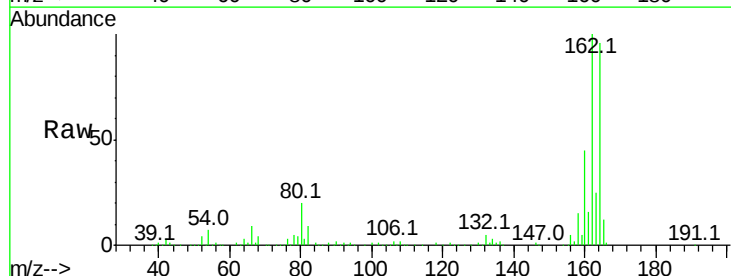
Instrument :
BNA_F
ClientSampled :

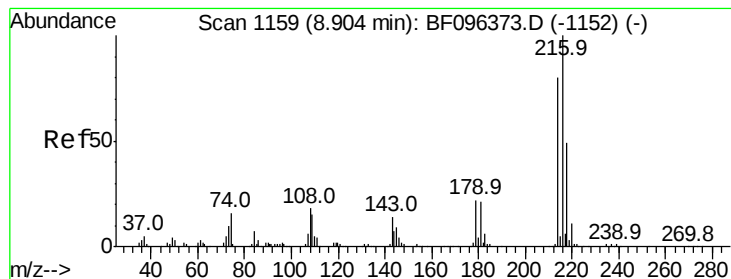
Tot Ion:142 Resp: 651281
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9
115 32.6 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion:164 Resp: 241175
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 46.2 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.02 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 219293

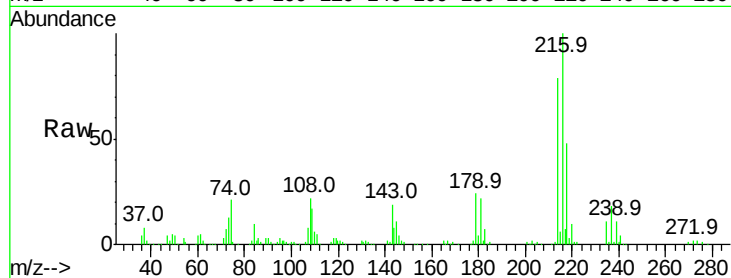
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 22.9 17.9 26.9

108 23.5 16.5 24.7

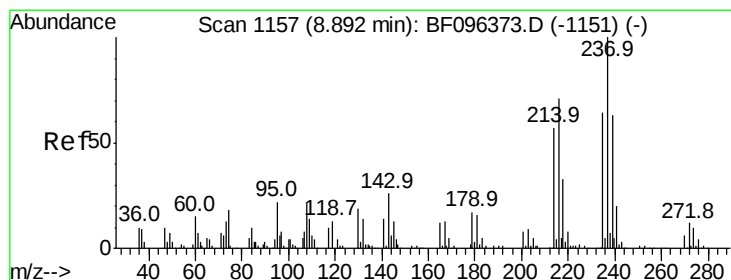
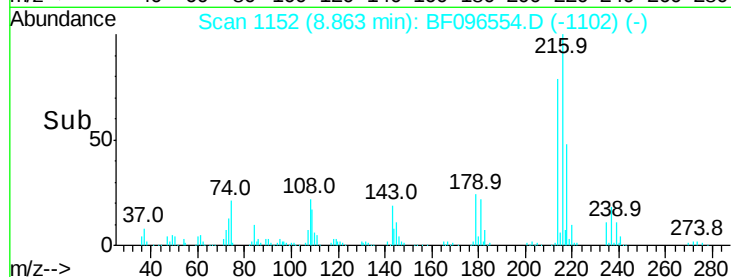
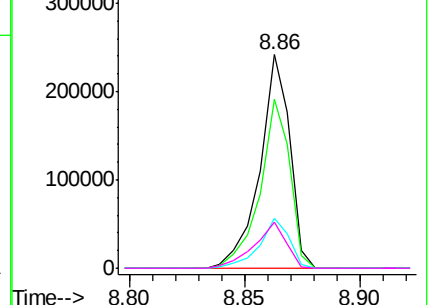


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.53 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

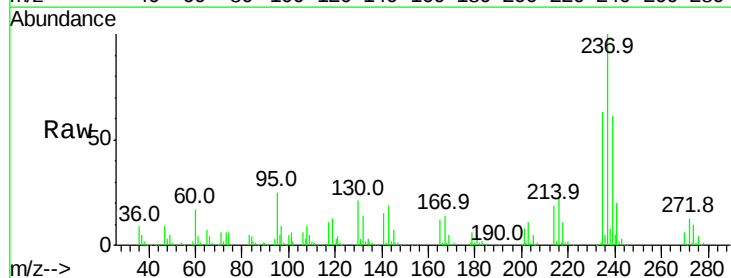
Tgt Ion:237 Resp: 214740

Ion Ratio Lower Upper

237 100

235 63.3 42.6 82.6

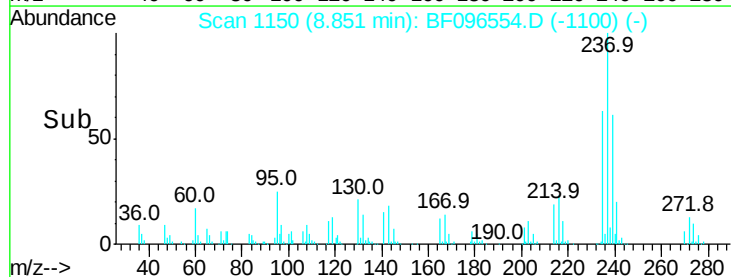
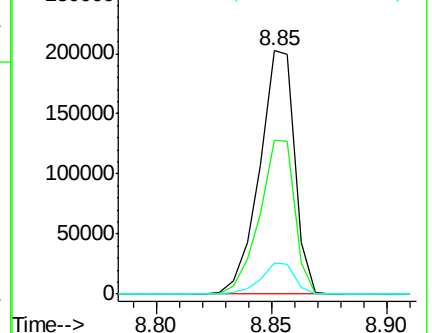
272 12.9 0.0 31.9

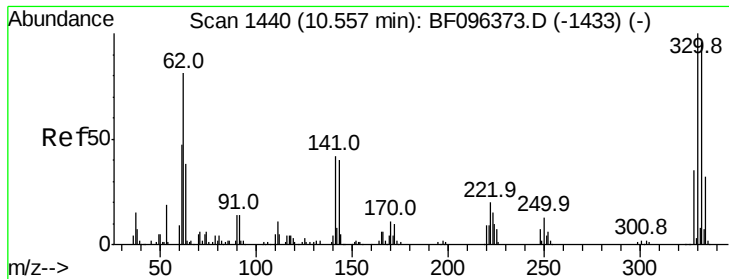


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

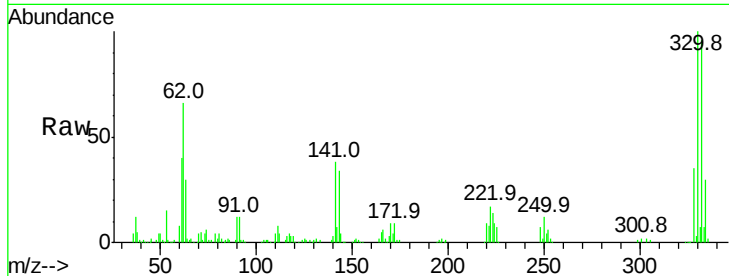




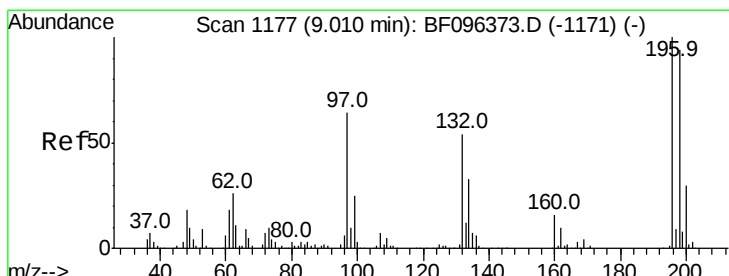
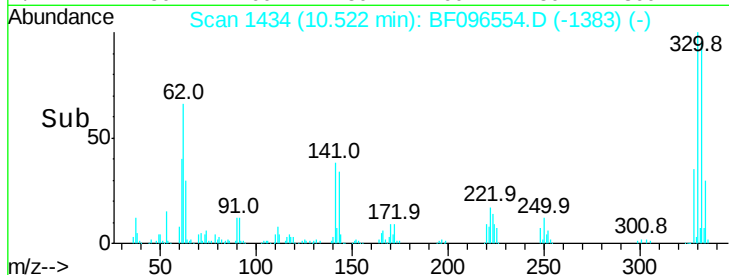
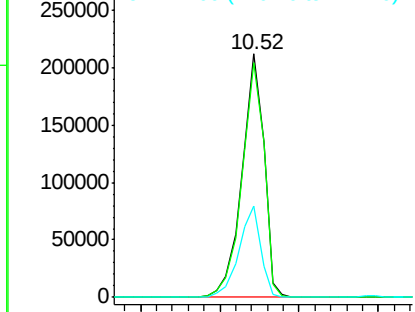
#41
 2,4,6-Tribromophenol
 Concen: 108.20 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 203835
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 37.4 31.4 47.2

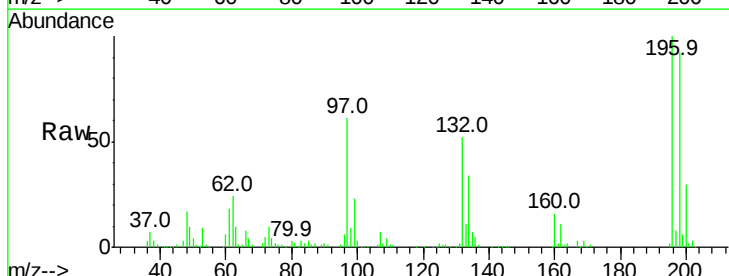


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

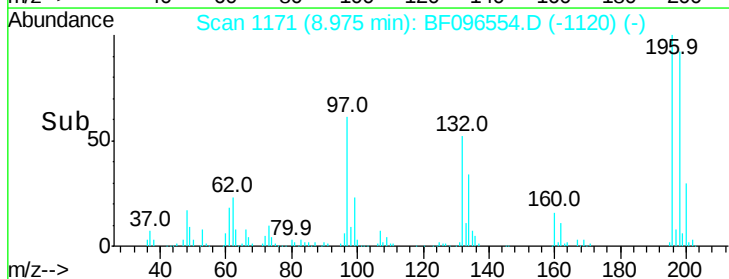
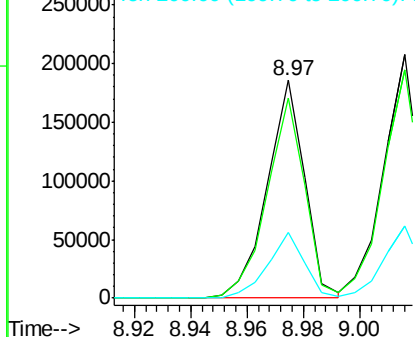


#42
 2,4,6-Trichlorophenol
 Concen: 34.53 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion:196 Resp: 171071
 Ion Ratio Lower Upper
 196 100
 198 91.9 74.2 111.4
 200 30.0 24.0 36.0



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

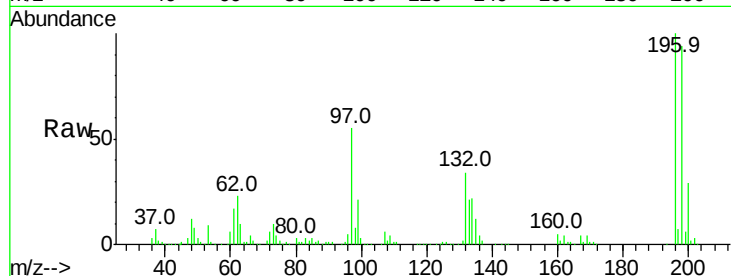




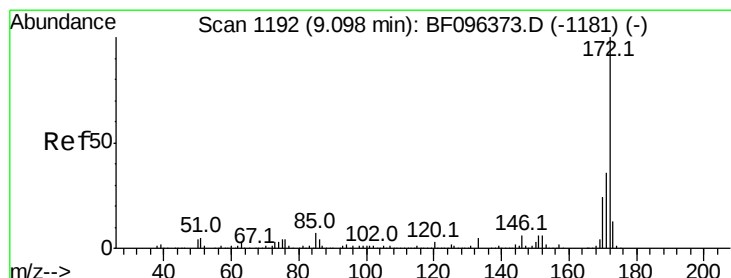
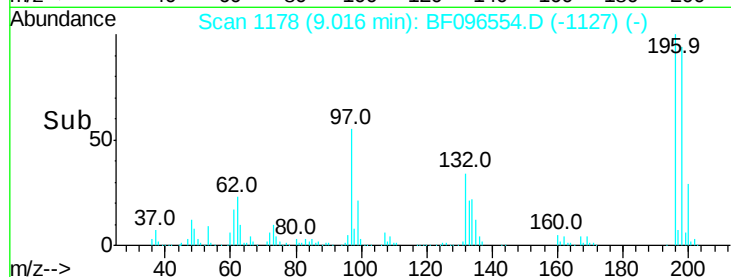
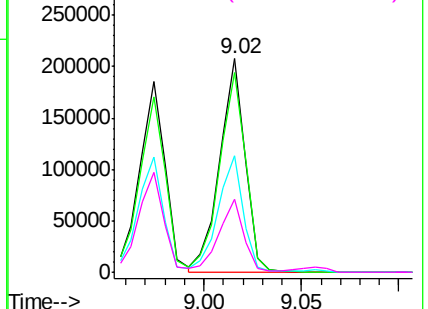
#43
 2,4,5-Trichlorophenol
 Concen: 38.35 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 187852
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.7 113.5
 97 54.8 47.7 71.5
 132 34.4 28.0 42.0

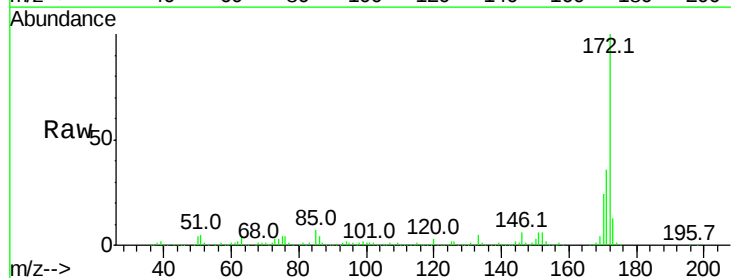


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

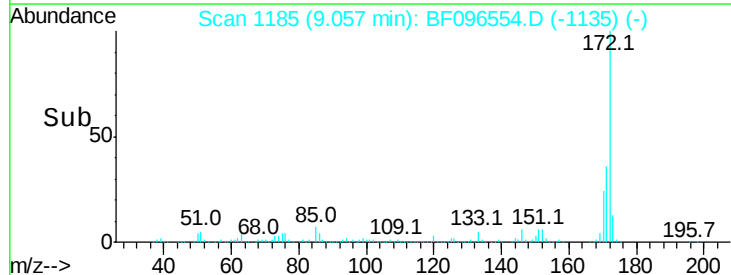
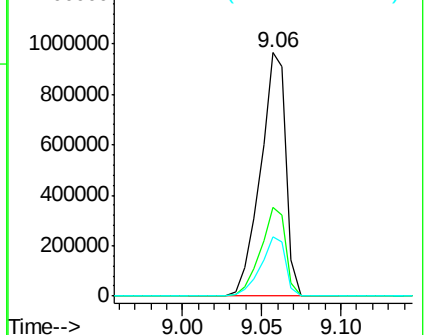


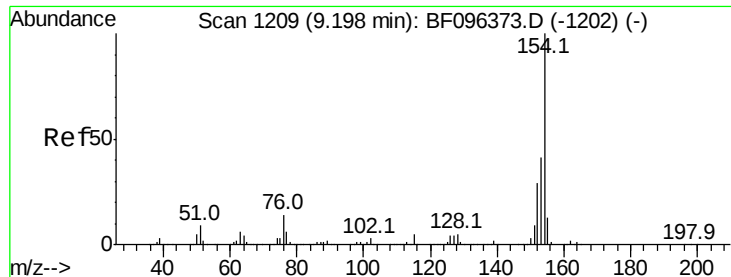
#44
 2-Fluorobiphenyl
 Concen: 76.75 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion:172 Resp: 1082603
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.4 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.19 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampled :

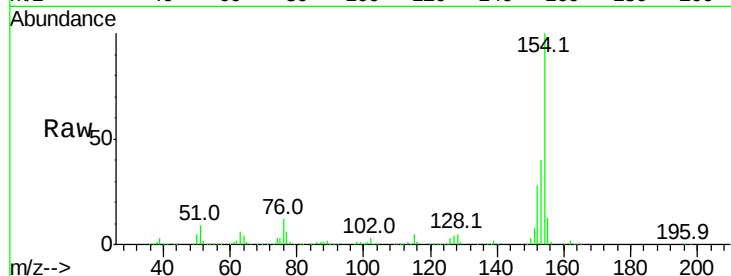
Tot Ion:154 Resp: 706418

Ion Ratio Lower Upper

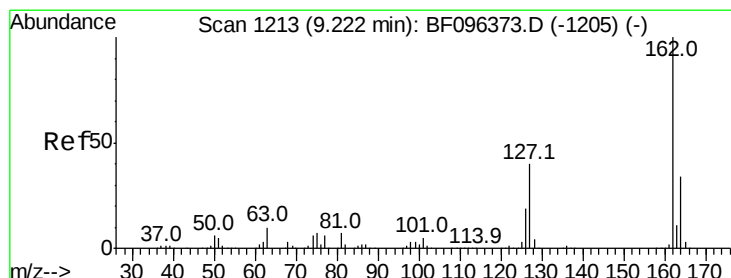
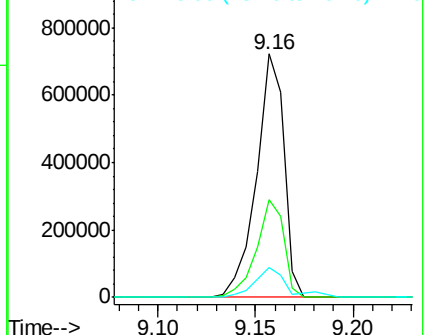
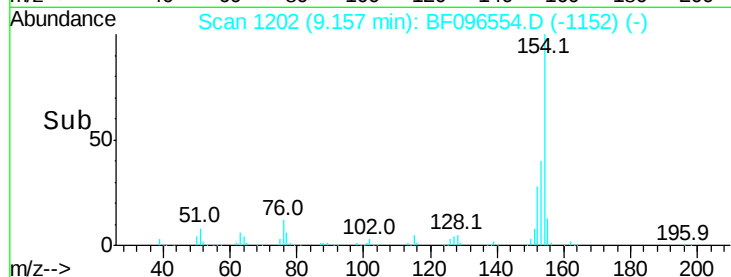
154 100

153 40.1 21.2 61.2

76 12.4 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: 34.68 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

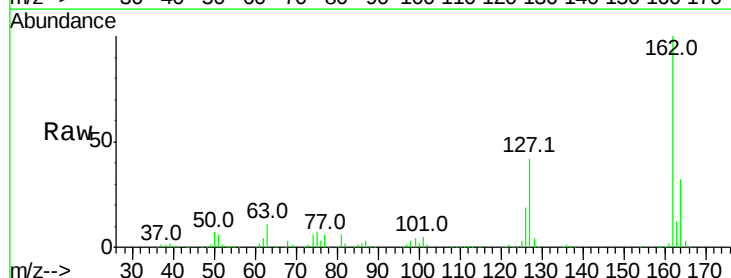
Tgt Ion:162 Resp: 534004

Ion Ratio Lower Upper

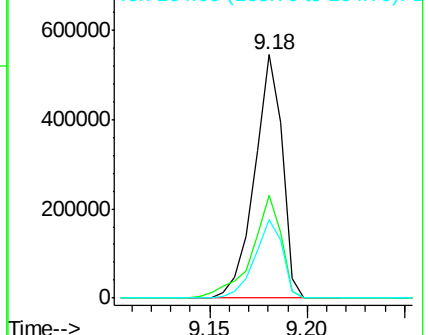
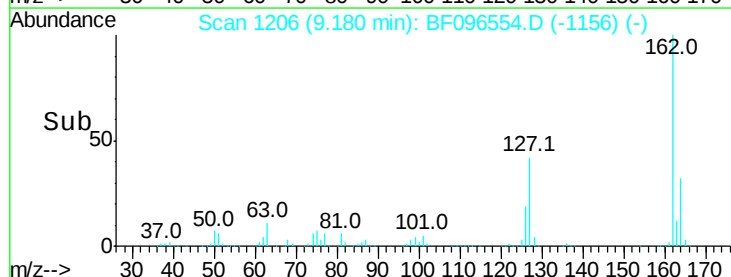
162 100

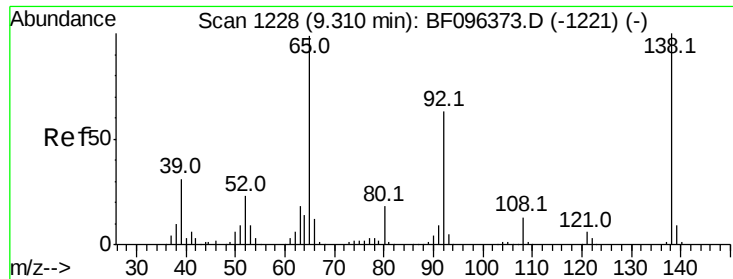
127 42.0 28.3 42.5

164 32.3 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

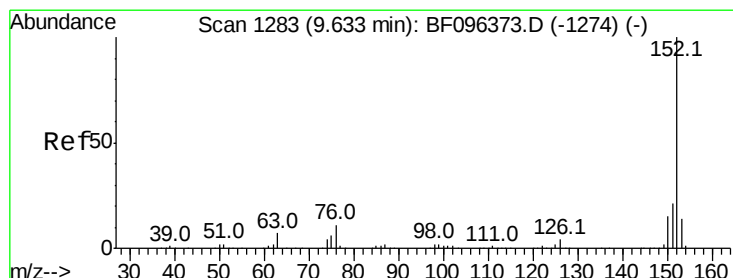
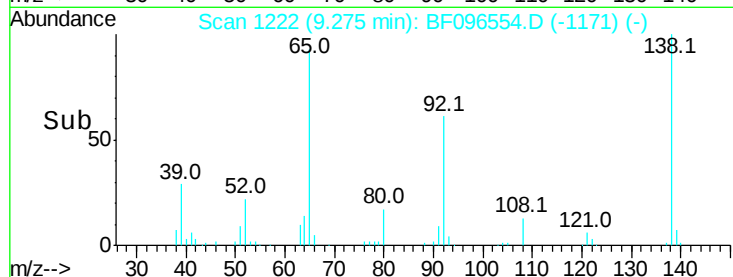
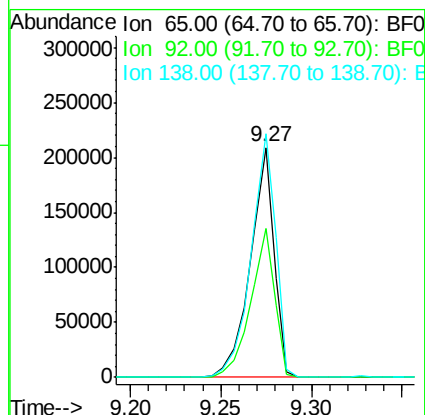
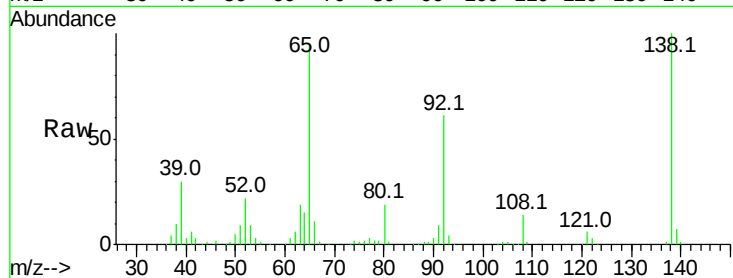




#47
 2-Nitroaniline
 Concen: 33.97 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

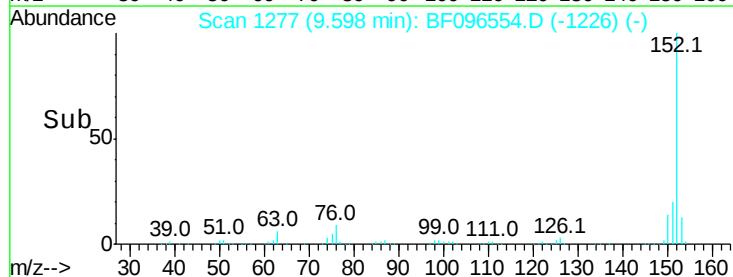
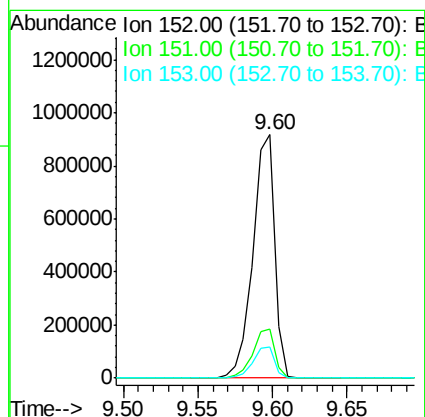
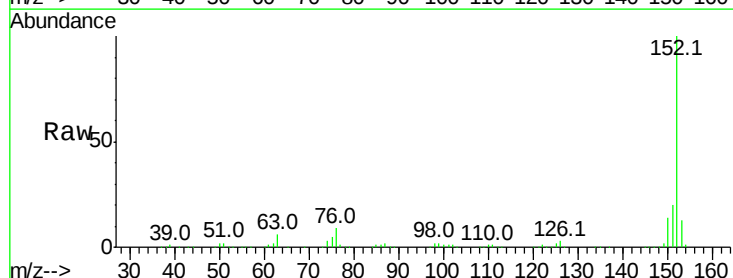
Instrument :
 BNA_F
 ClientSampleId :

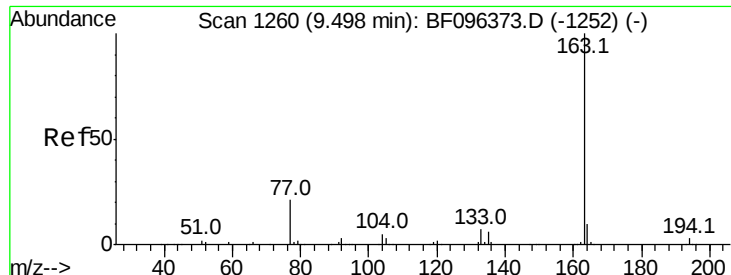
Tot Ion: 65 Resp: 190360
 Ion Ratio Lower Upper
 65 100
 92 64.6 53.9 80.9
 138 106.0 78.8 118.2



#48
 Acenaphthylene
 Concen: 37.66 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion:152 Resp: 918878
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 12.8 10.8 16.2

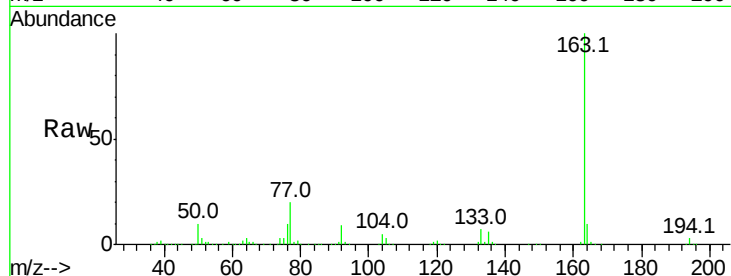




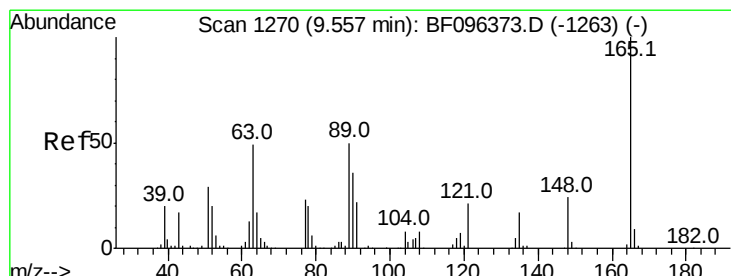
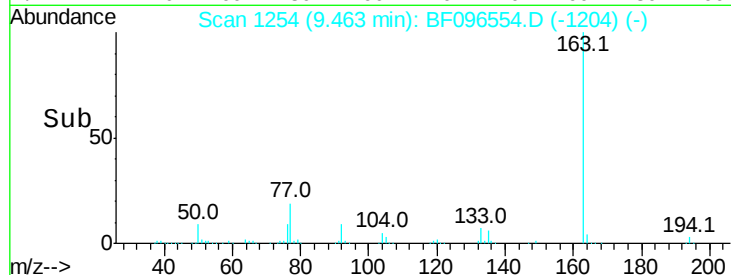
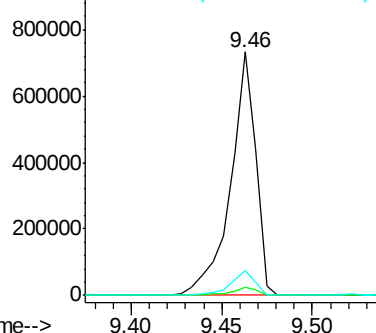
#49
Dimethylphthalate
Concen: 39.35 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.0	8.4	12.6

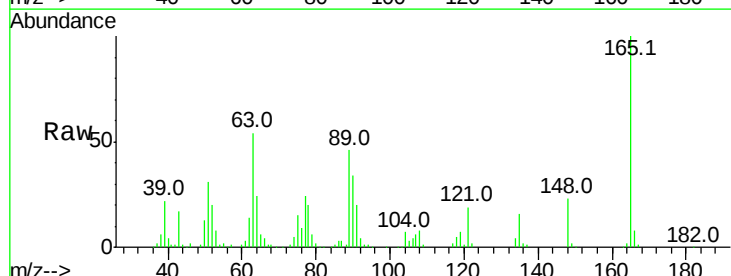


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

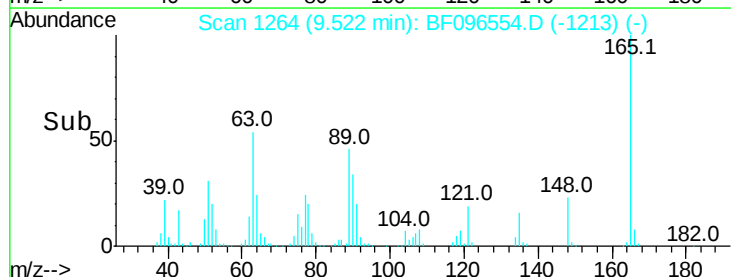
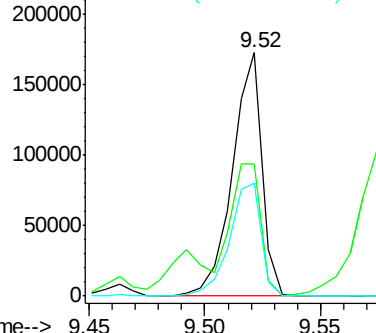


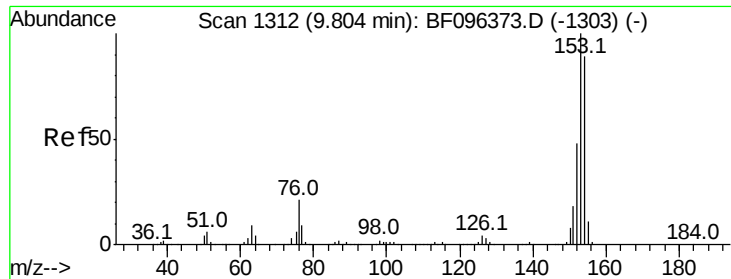
#50
2,6-Dinitrotoluene
Concen: 38.68 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.2	34.3	51.5#
89	46.4	37.1	55.7



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





#51

Acenaphthene

Concen: 34.68 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

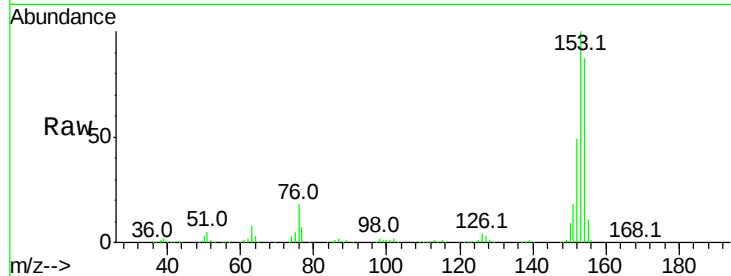
Tot Ion:154 Resp: 521637

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

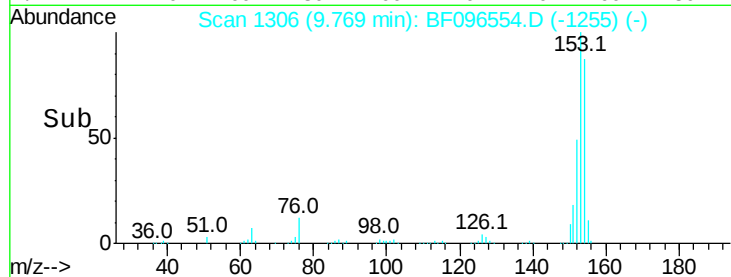
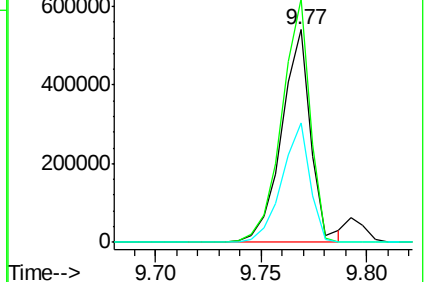
152 56.5 43.6 65.4



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: 32.92 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

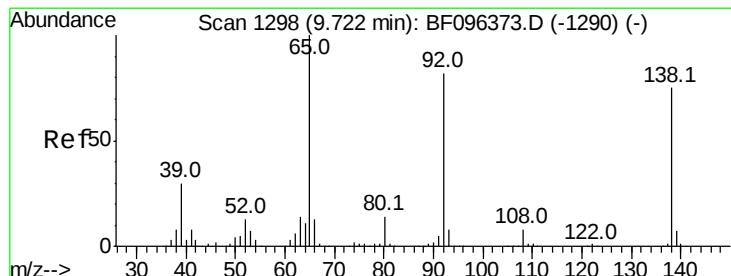
Tgt Ion:138 Resp: 163479

Ion Ratio Lower Upper

138 100

108 8.8 9.1 13.7#

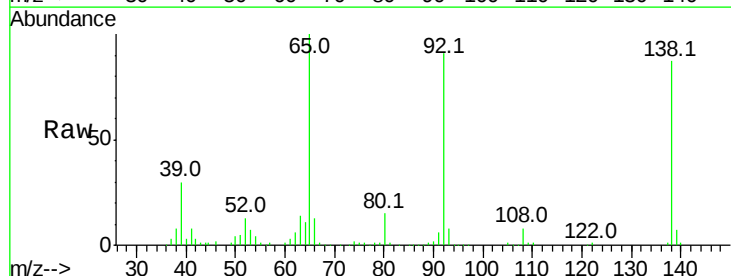
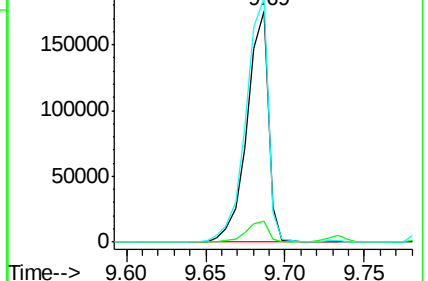
92 105.3 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

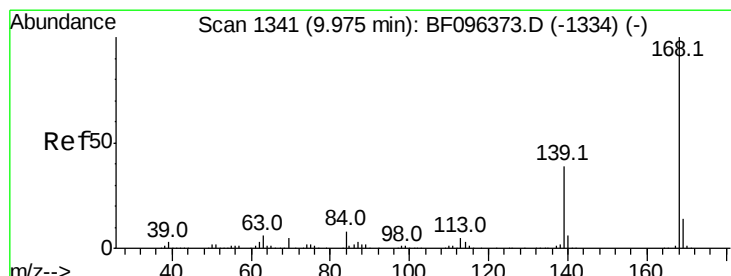
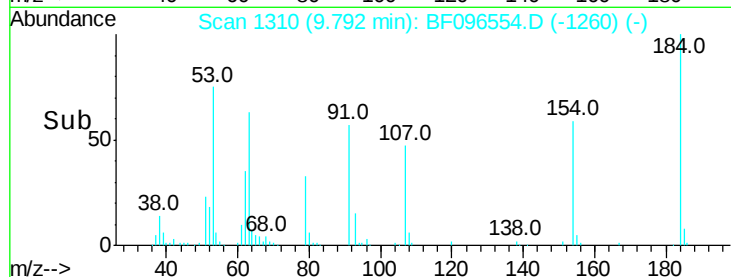
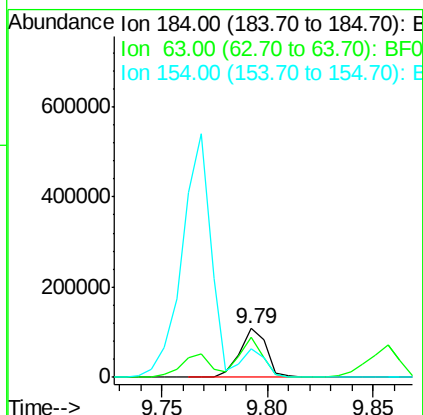
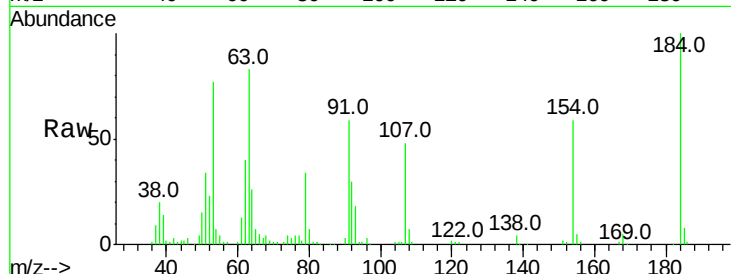




#53
2,4-Dinitrophenol
Concen: 45.24 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

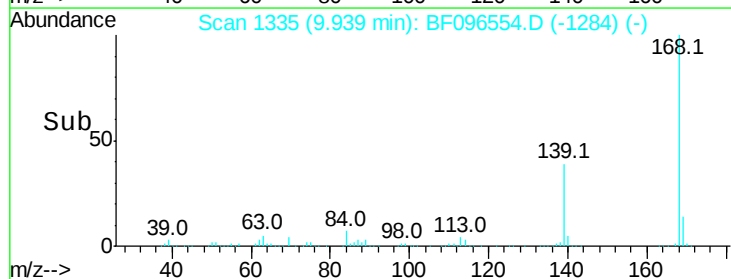
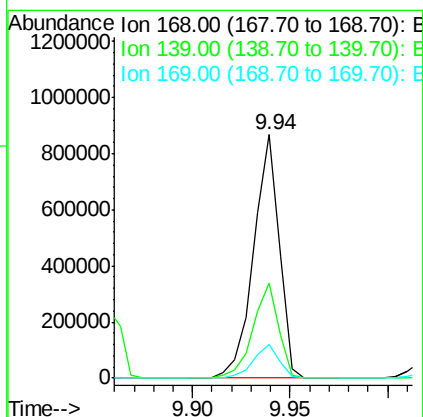
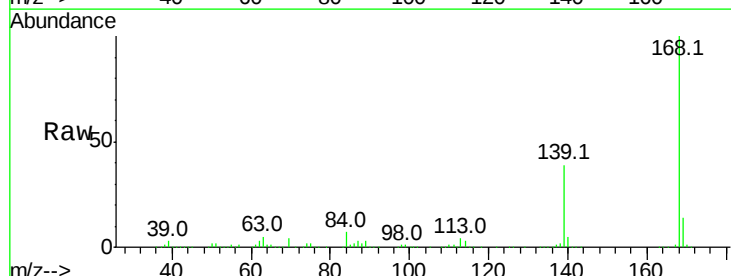
Instrument :
BNA_F
ClientSampleId :

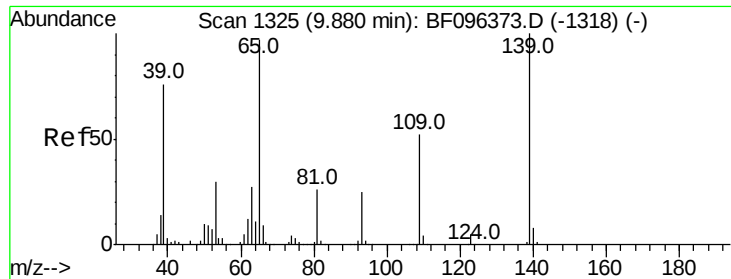
Tot Ion:184 Resp: 95660
Ion Ratio Lower Upper
184 100
63 83.4 62.7 94.1
154 59.4 81.1 121.7#



#54
Dibenzofuran
Concen: 39.70 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion:168 Resp: 788485
Ion Ratio Lower Upper
168 100
139 38.9 30.6 45.8
169 13.6 10.8 16.2

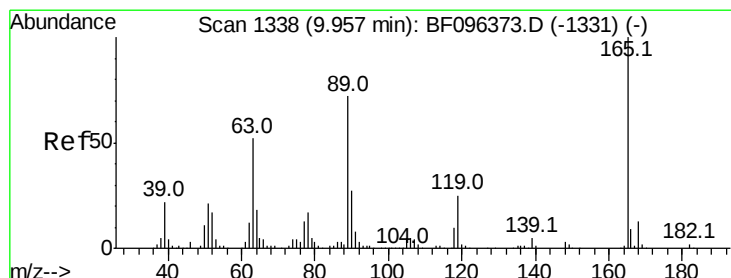
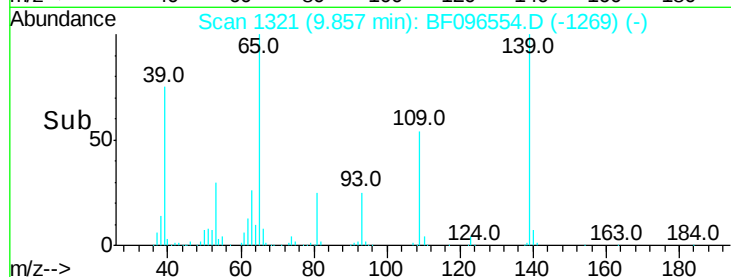
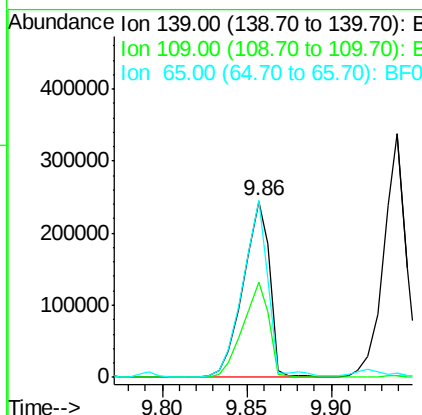
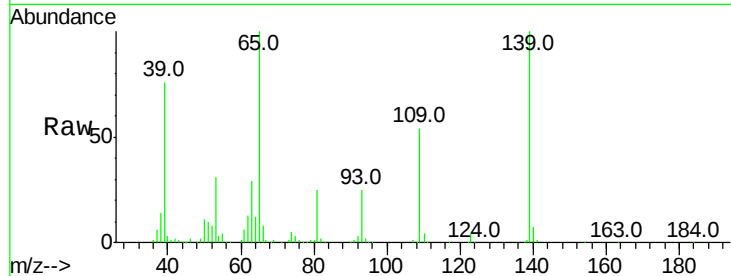




#55
4-Nitrophenol
Concen: 65.30 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

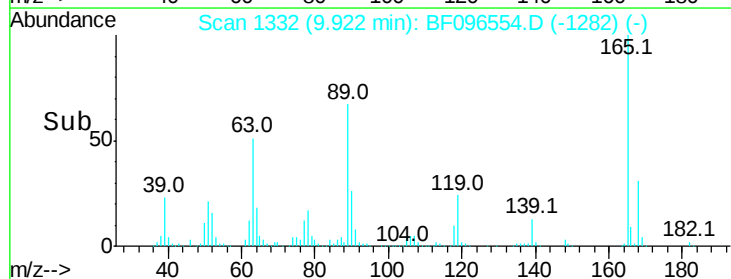
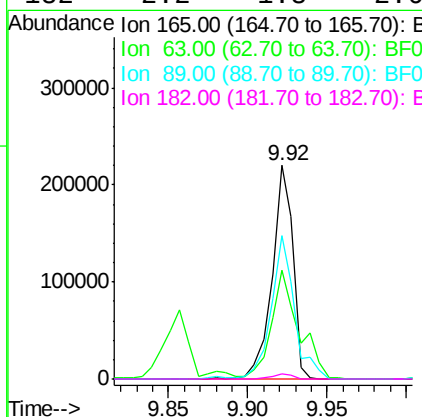
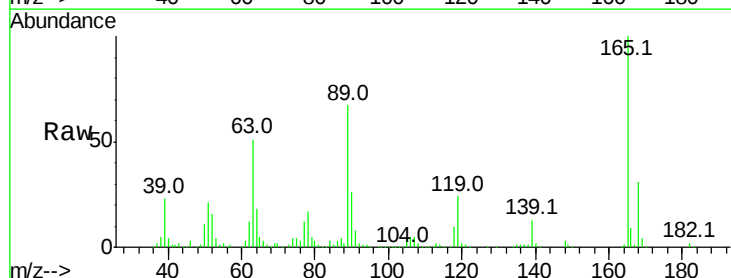
Instrument :
BNA_F
ClientSampleId :

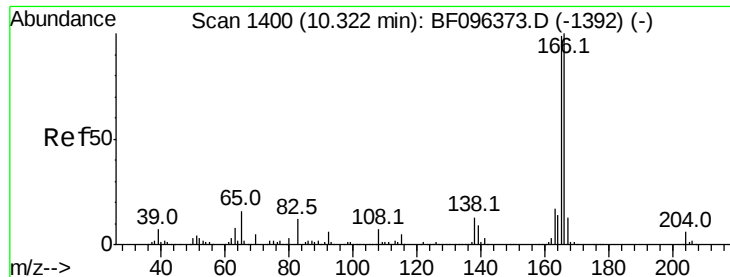
Tot Ion:139 Resp: 268748
Ion Ratio Lower Upper
139 100
109 54.0 34.1 74.1
65 100.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 39.84 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion:165 Resp: 200861
Ion Ratio Lower Upper
165 100
63 51.0 25.4 38.0#
89 67.4 46.4 69.6
182 2.2 1.8 2.6

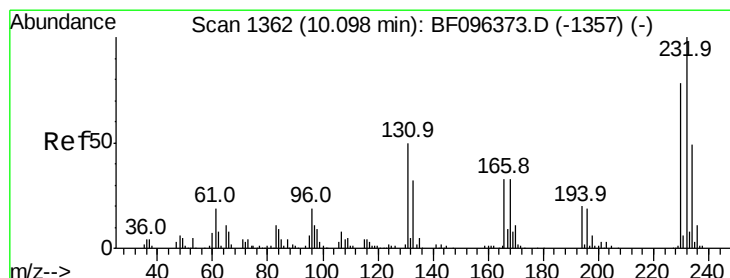
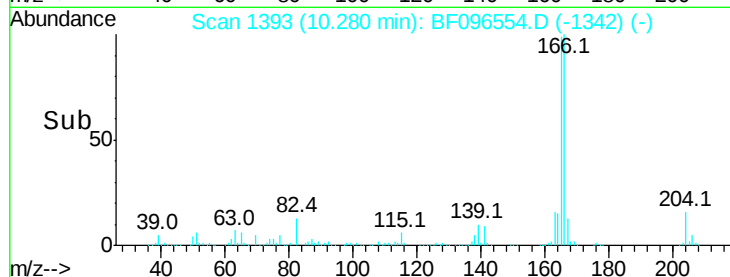
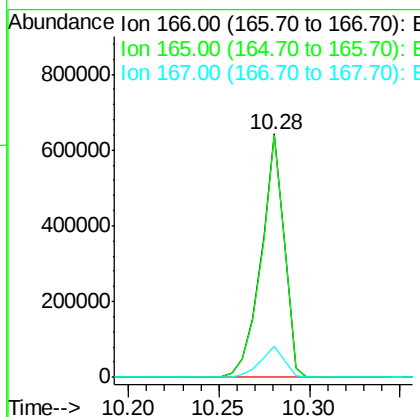
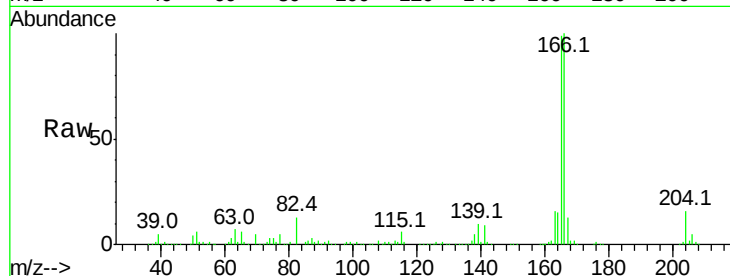




#57
 Fluorene
 Concen: 40.52 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

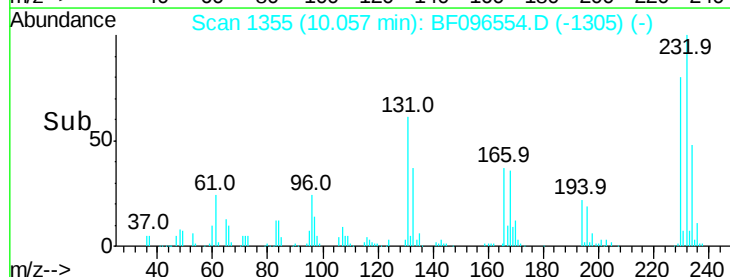
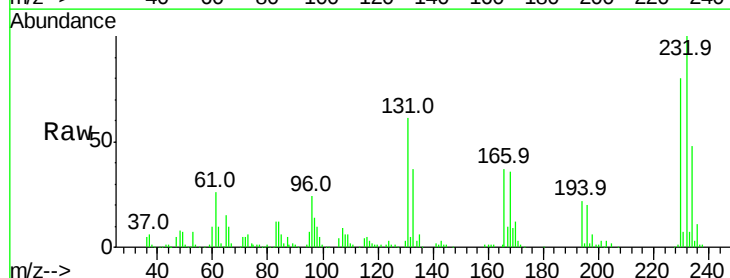
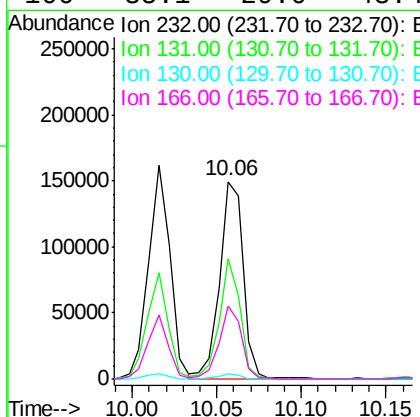
Instrument :
 BNA_F
 ClientSampleId :

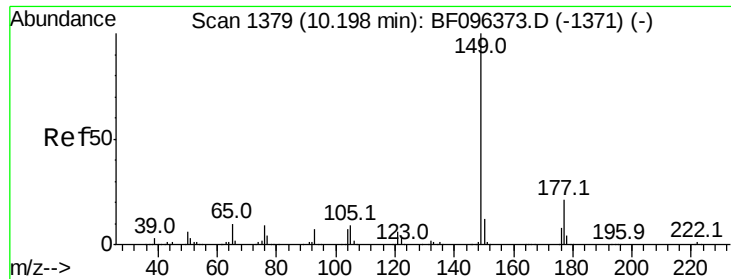
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.8	118.2
167	13.0	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.89 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.4	44.8	67.2
130	2.4	2.3	3.5
166	35.1	29.0	43.4

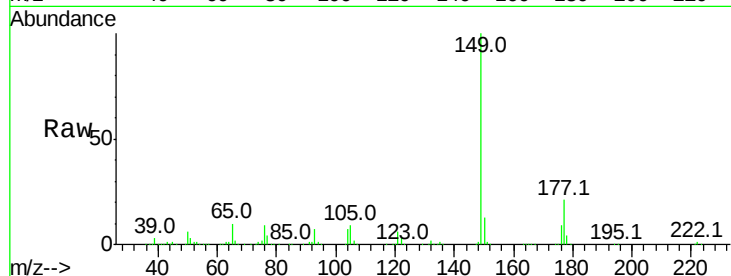




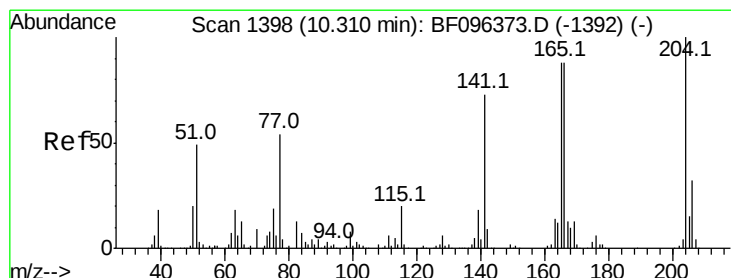
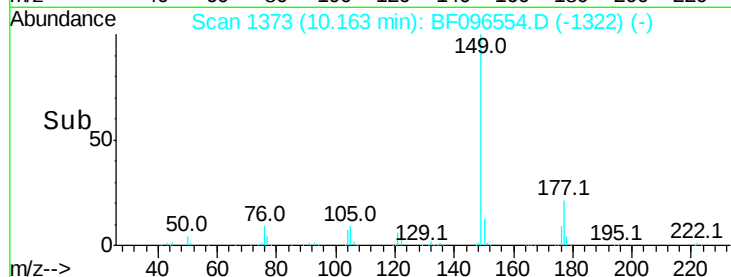
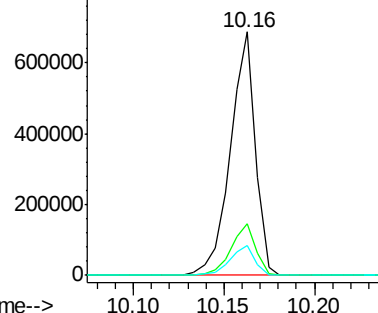
#59
Diethylphthalate
Concen: 38.65 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 657700
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.5 10.2 15.2

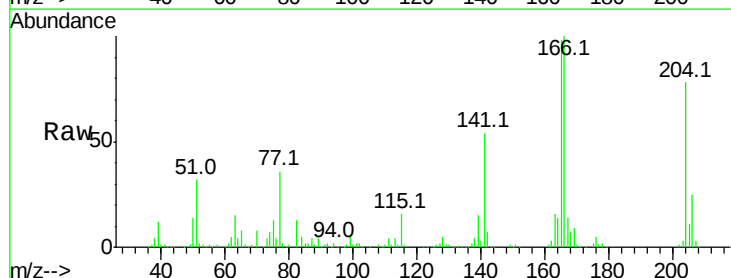


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

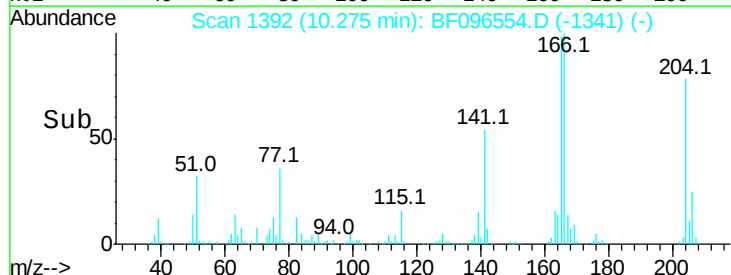
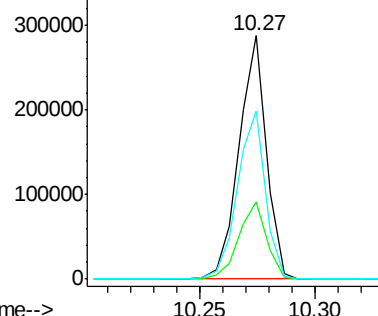


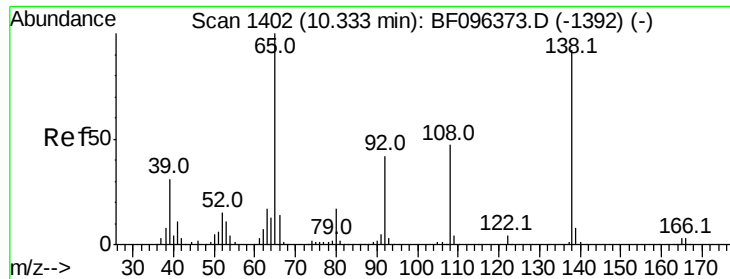
#60
4-Chlorophenyl-phenylether
Concen: 38.77 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion:204 Resp: 236595
Ion Ratio Lower Upper
204 100
206 31.6 26.2 39.2
141 68.9 60.8 91.2



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

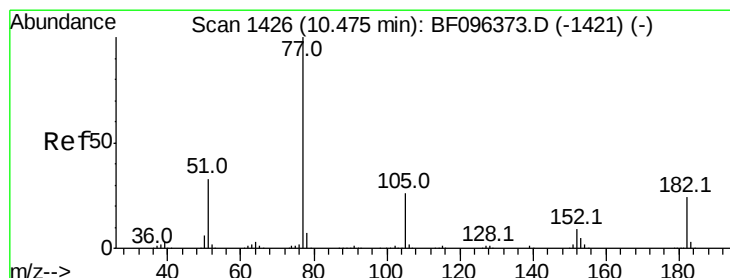
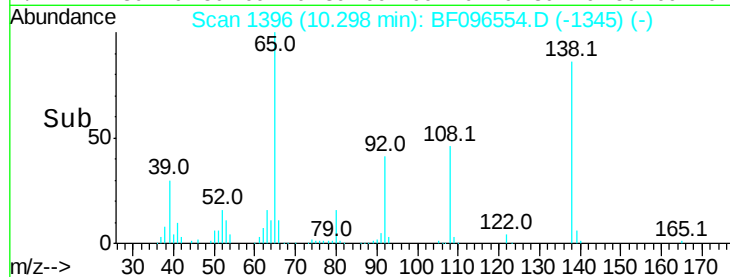
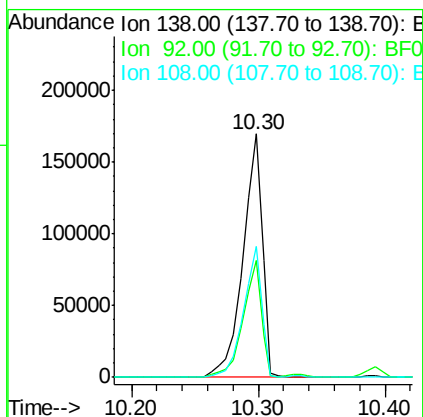
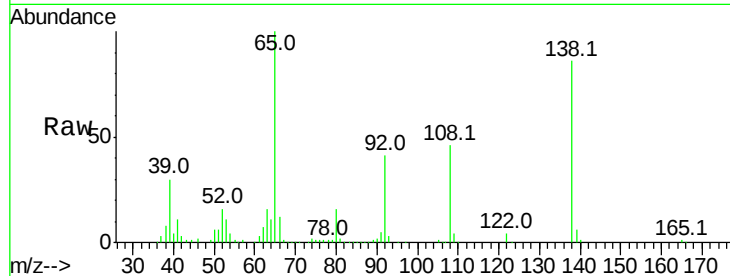




#61
4-Nitroaniline
Concen: 39.69 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

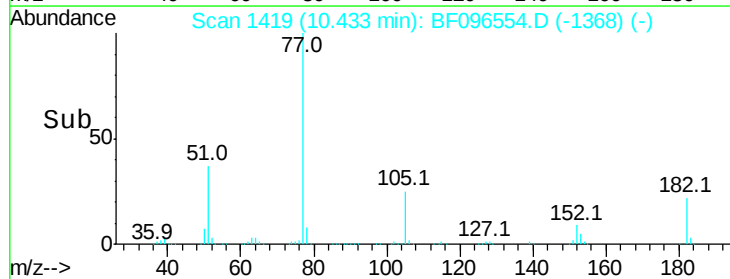
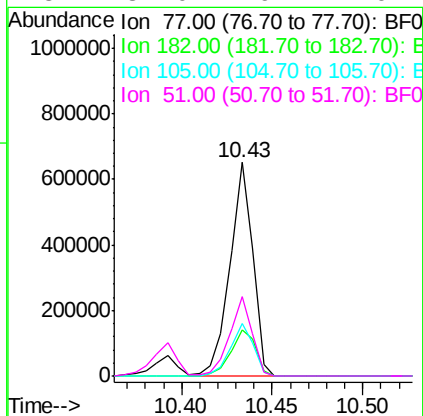
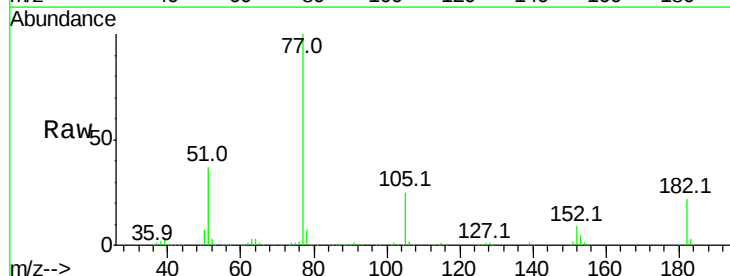
Instrument :
BNA_F
ClientSampleId :

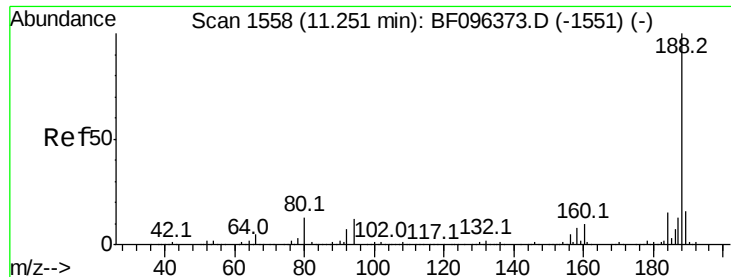
Tot Ion:138 Resp: 179218
Ion Ratio Lower Upper
138 100
92 48.1 21.8 61.8
108 53.9 42.3 82.3



#62
Azobenzene
Concen: 35.17 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion: 77 Resp: 578660
Ion Ratio Lower Upper
77 100
182 21.7 0.1 40.1
105 24.7 3.6 43.6
51 37.0 9.4 49.4

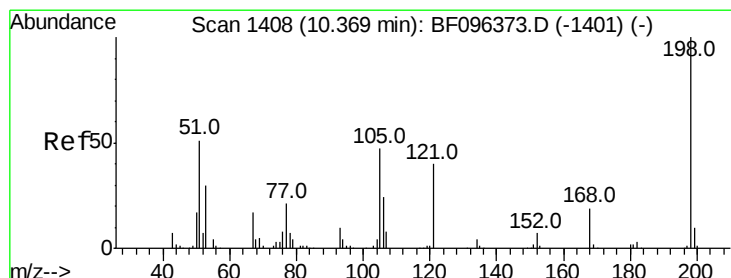
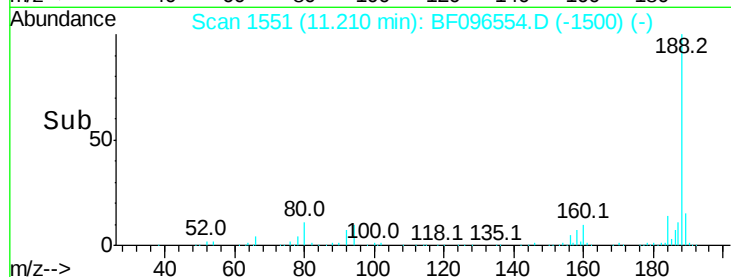
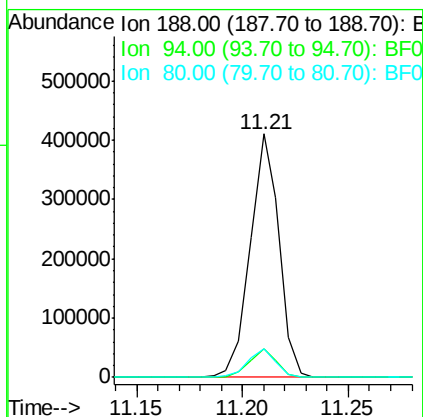
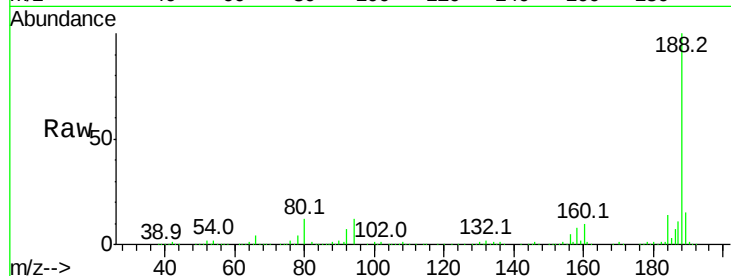




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

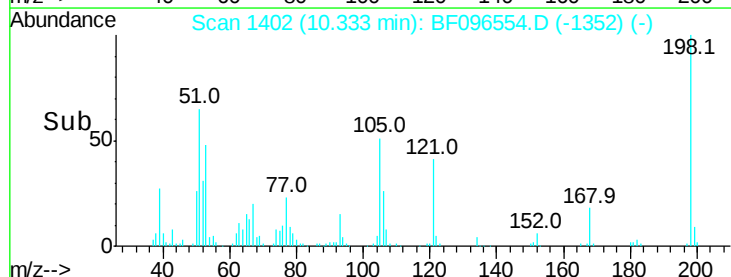
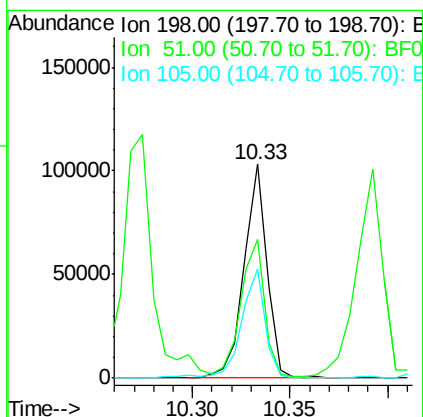
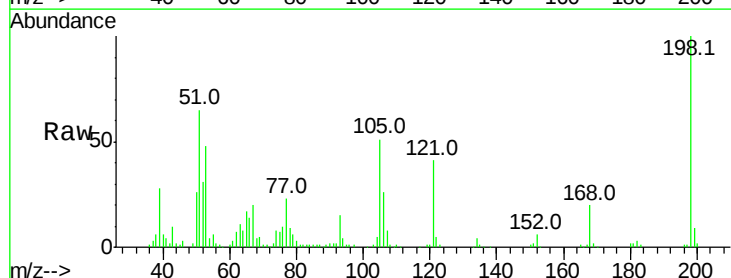
Instrument :
 BNA_F
 ClientSampled :

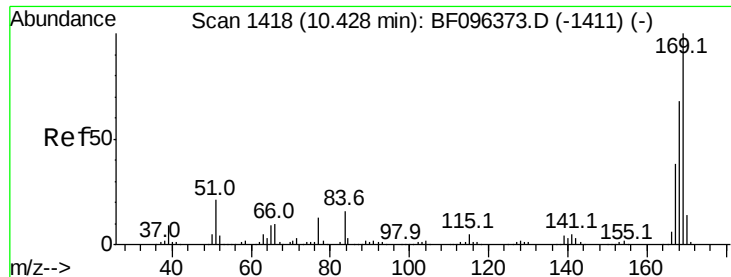
Tot Ion:188 Resp: 387755
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.4 14.2
 80 11.5 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.41 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion:198 Resp: 83996
 Ion Ratio Lower Upper
 198 100
 51 65.1 53.2 93.2
 105 51.2 45.8 85.8

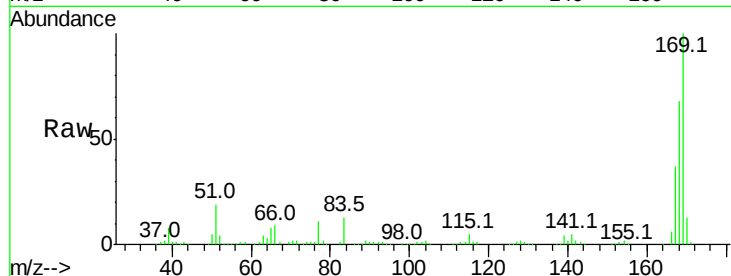




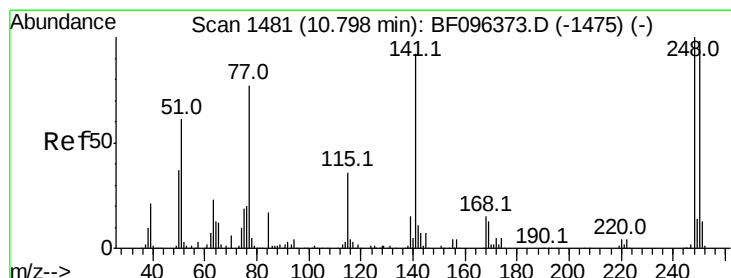
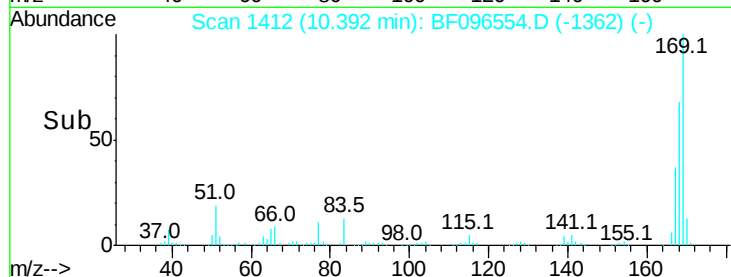
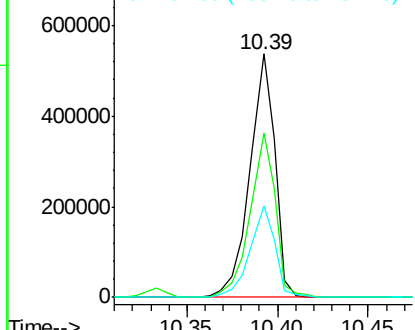
#65
 n-Nitrosodiphenylamine
 Concen: 37.89 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 515464
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.2 79.8
 167 37.3 29.5 44.3

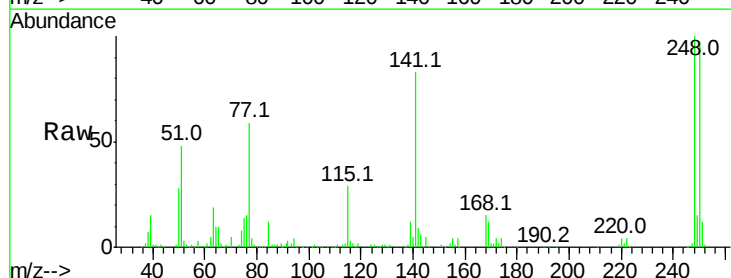


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

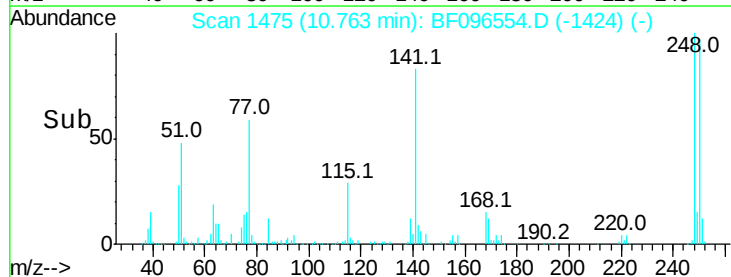
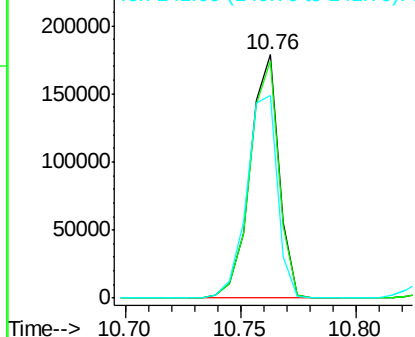


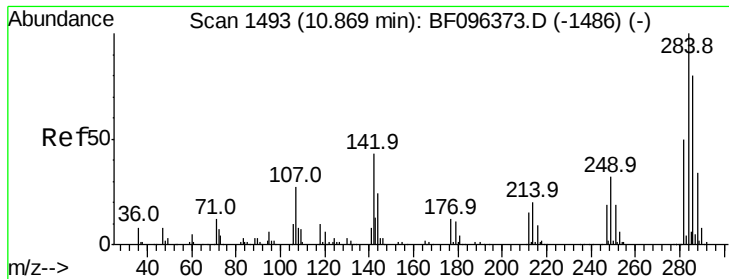
#66
 4-Bromophenyl-phenylether
 Concen: 41.57 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion:248 Resp: 156896
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.8 115.2
 141 83.1 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 38.67 ng

RT: 10.83 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampled :

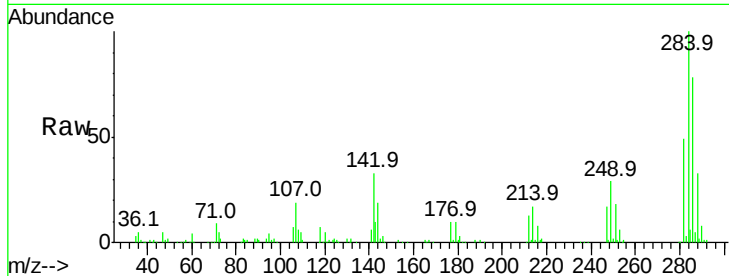
Tot Ion:284 Resp: 159793

Ion Ratio Lower Upper

284 100

142 32.8 22.8 34.2

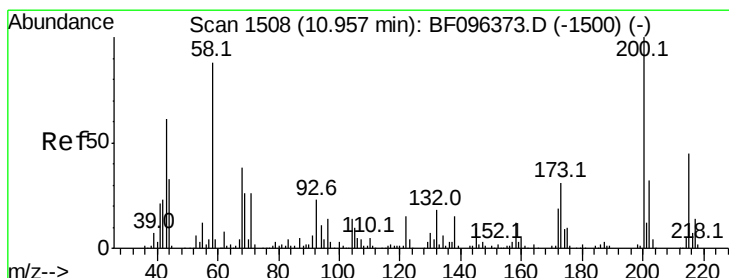
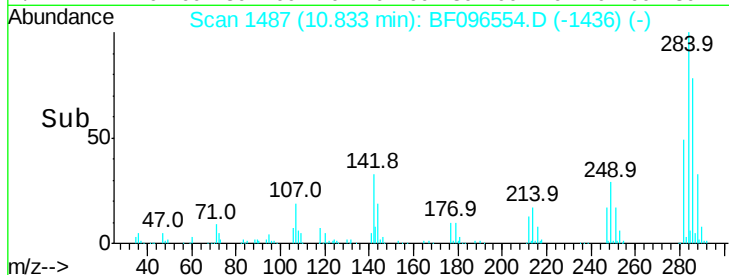
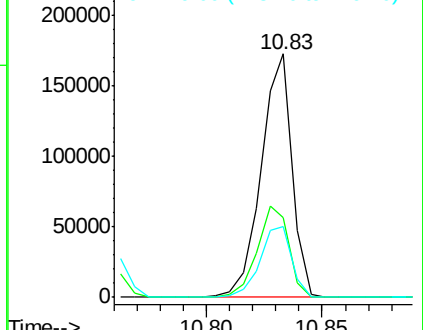
249 29.0 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.00 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

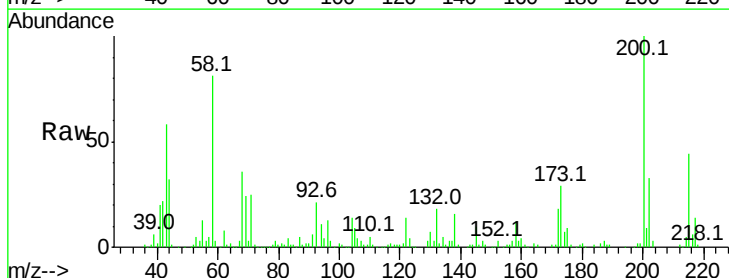
Tgt Ion:200 Resp: 163245

Ion Ratio Lower Upper

200 100

173 28.9 6.3 46.3

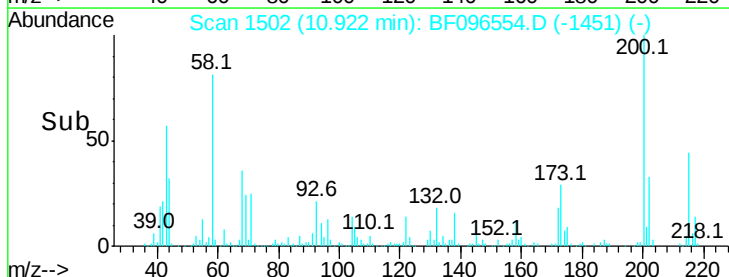
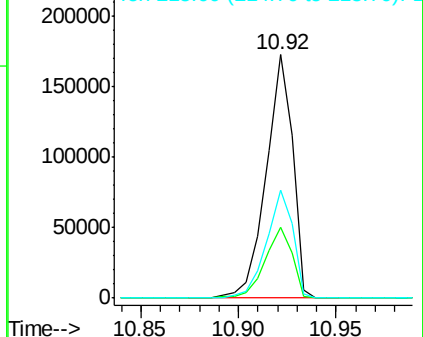
215 44.4 27.2 67.2

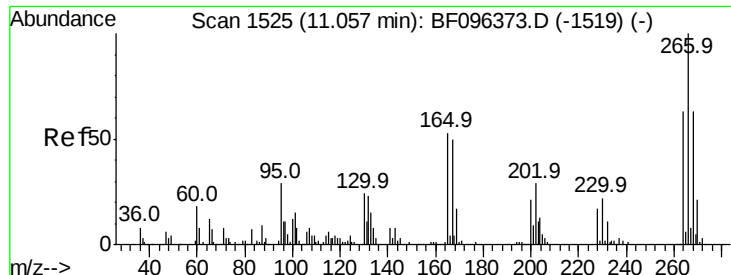


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

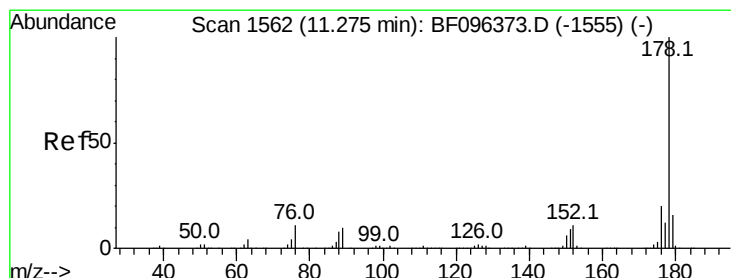
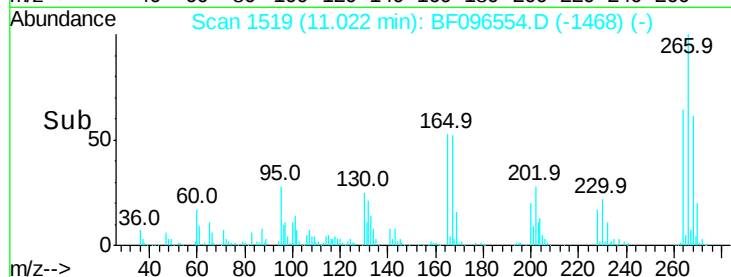
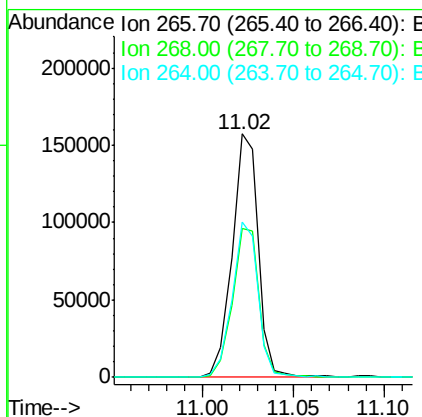
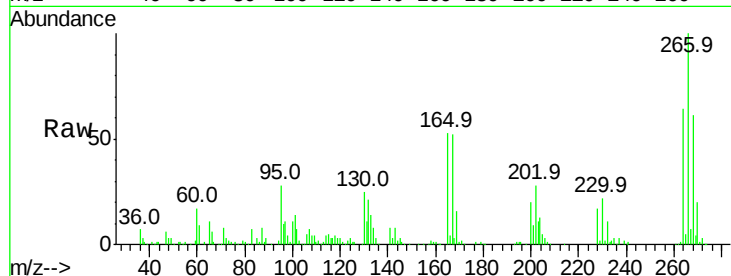




#69
 Pentachlorophenol
 Concen: 64.33 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

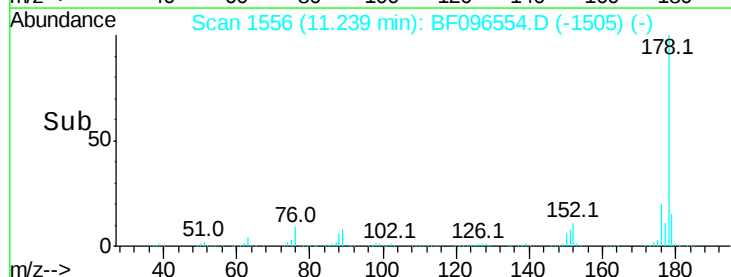
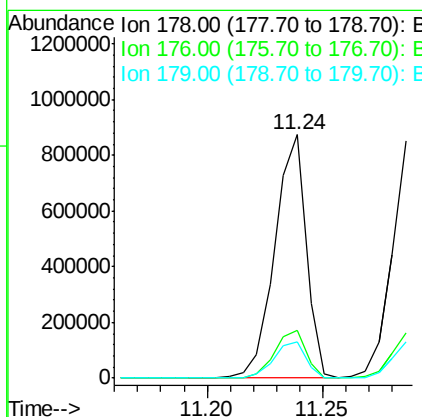
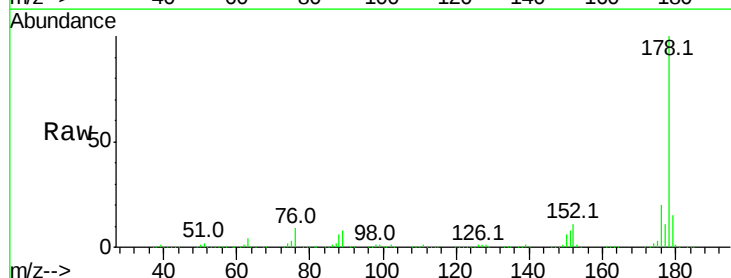
Instrument :
 BNA_F
 ClientSampled :

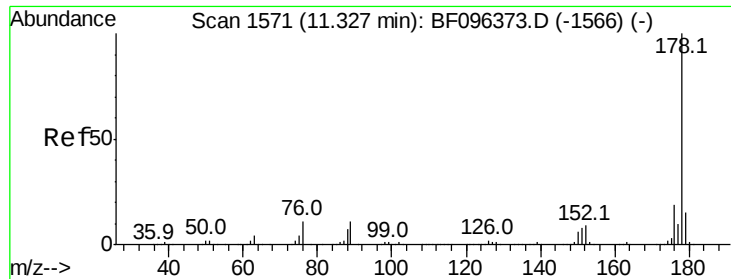
Tot Ion:266 Resp: 157530
 Ion Ratio Lower Upper
 266 100
 268 60.9 51.1 76.7
 264 63.5 51.7 77.5



#70
 Phenanthrene
 Concen: 39.25 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion:178 Resp: 822716
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 14.8 12.6 19.0

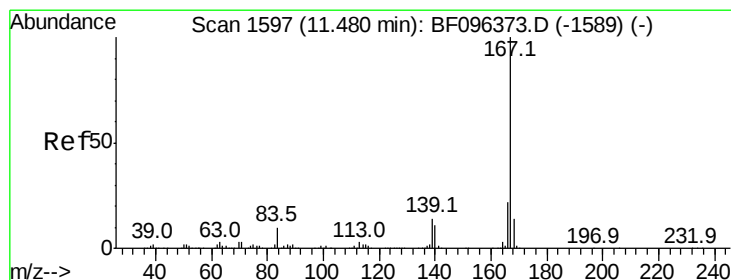
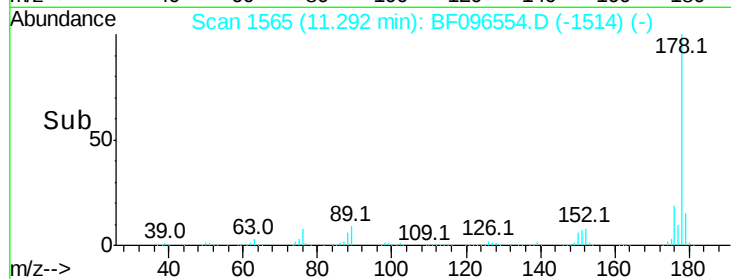
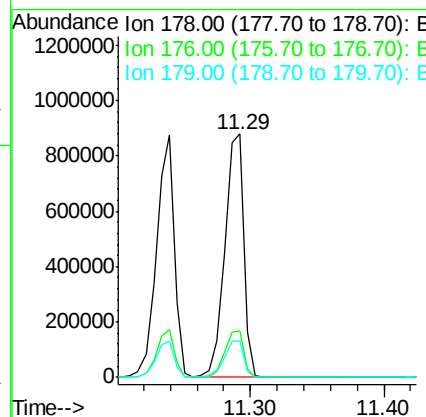
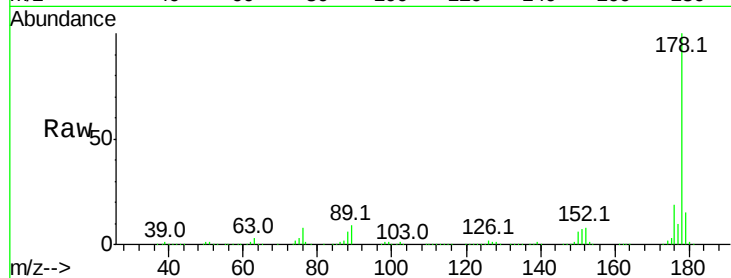




#71
 Anthracene
 Concen: 41.47 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

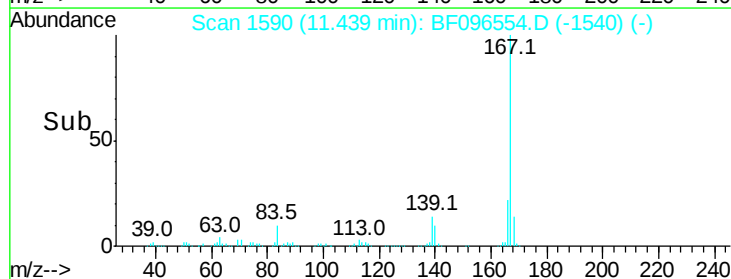
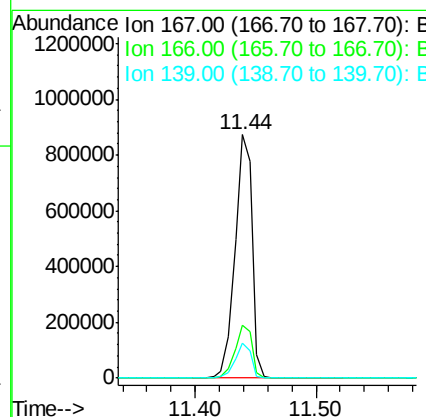
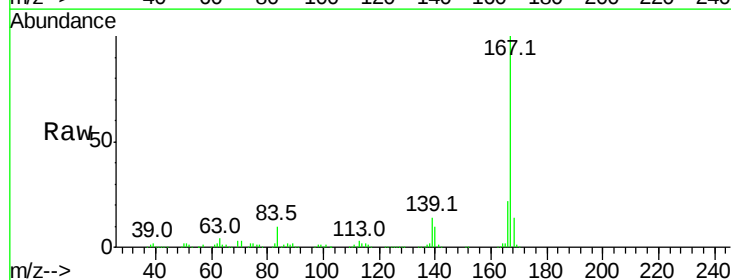
Instrument :
 BNA_F
 ClientSampled :

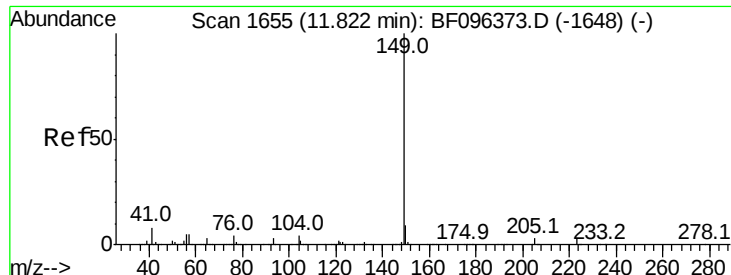
Tot Ion:178 Resp: 885889
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 14.7 12.7 19.1



#72
 Carbazole
 Concen: 39.86 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion:167 Resp: 856184
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 14.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.57 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

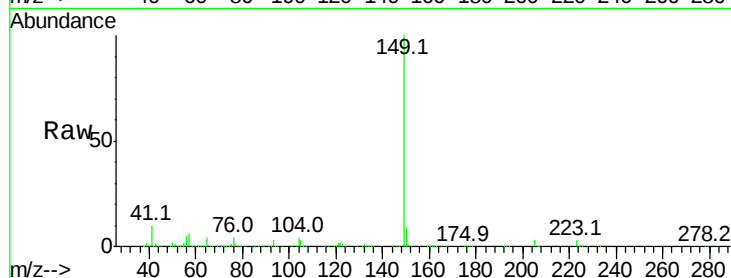
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1029521

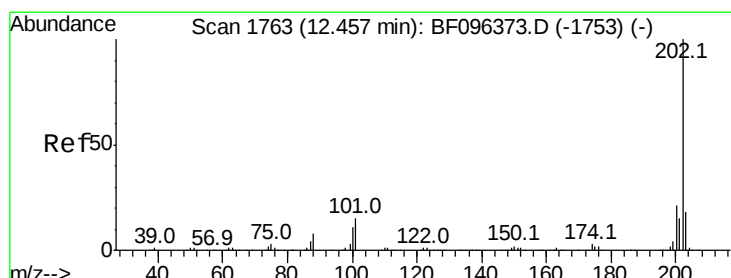
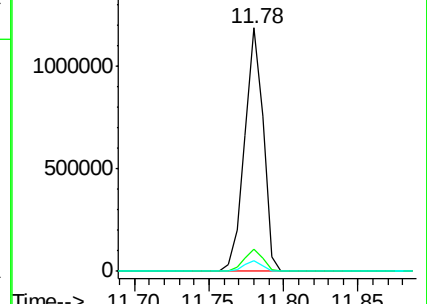
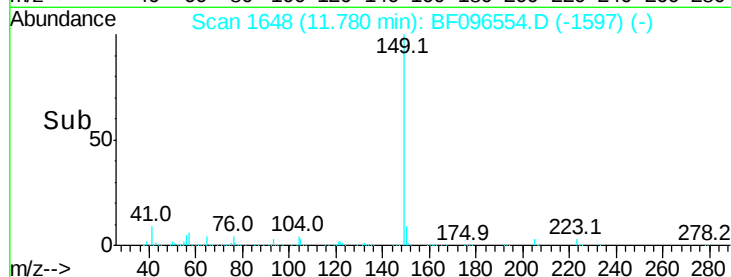
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.4	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.86 ng

RT: 12.42 min Scan# 1757

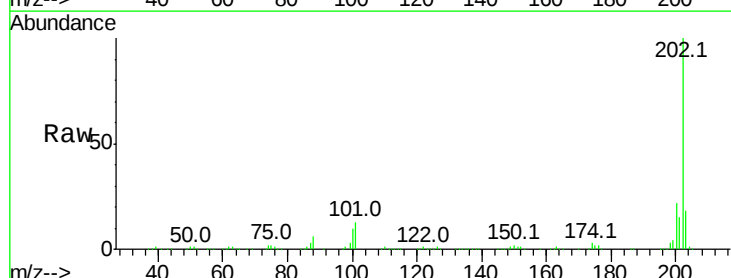
Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Tgt Ion:202 Resp: 777994

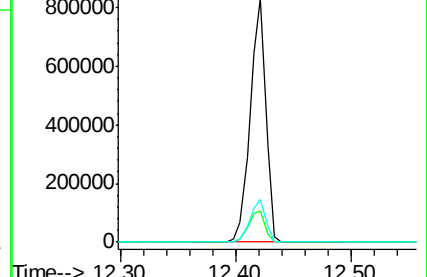
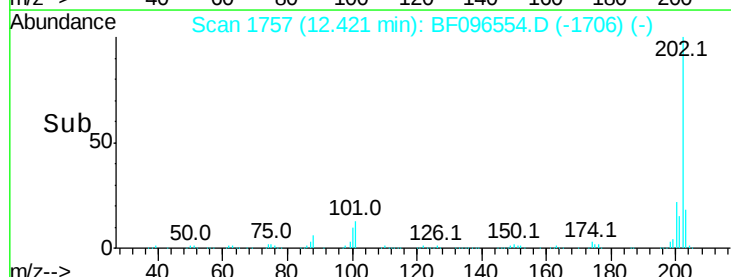
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.7	0.0	38.1

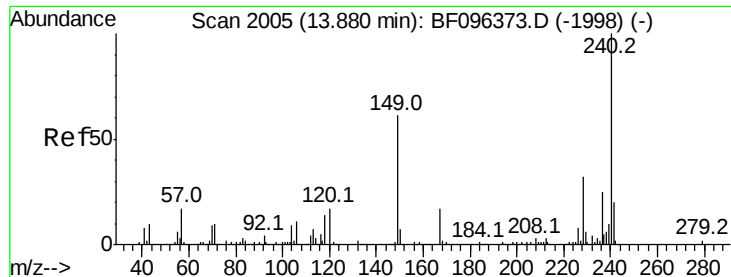


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

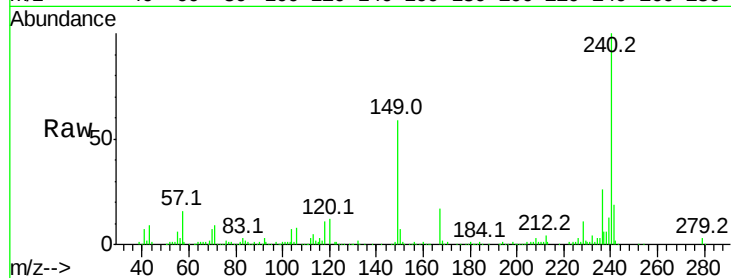
Tot Ion:240 Resp: 216688

Ion Ratio Lower Upper

240 100

120 12.4 5.8 8.8#

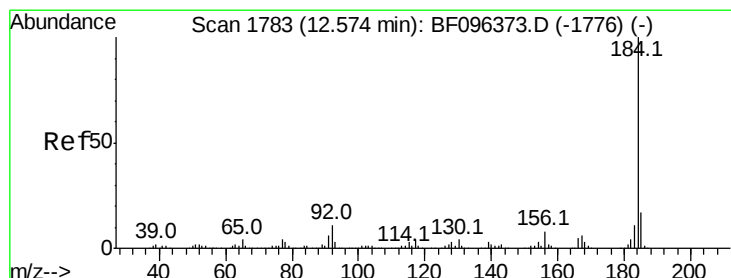
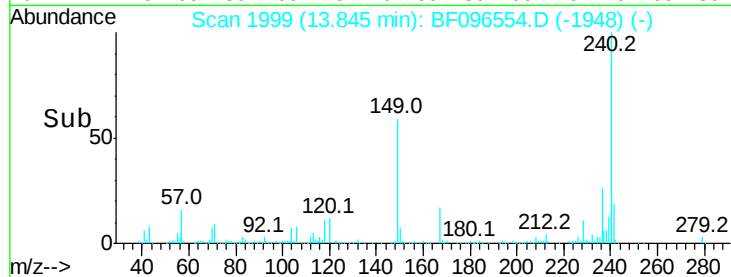
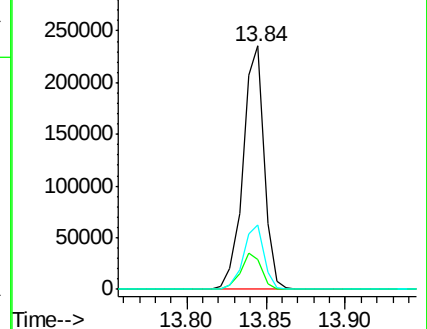
236 26.2 20.5 30.7



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: 33.69 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

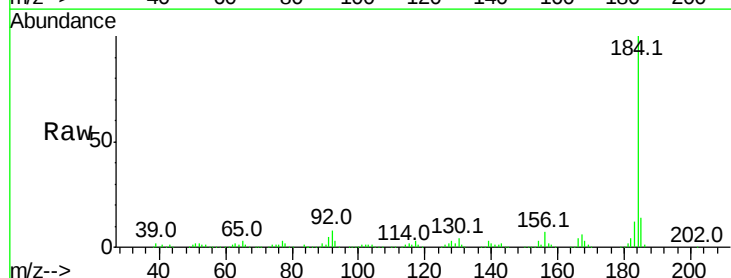
Tgt Ion:184 Resp: 350289

Ion Ratio Lower Upper

184 100

185 13.7 15.5 23.3#

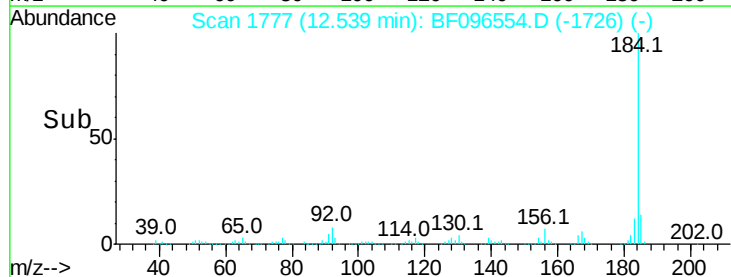
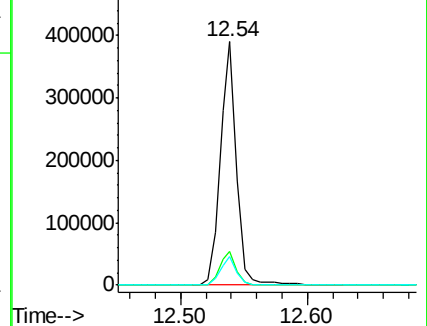
183 11.7 9.8 14.6

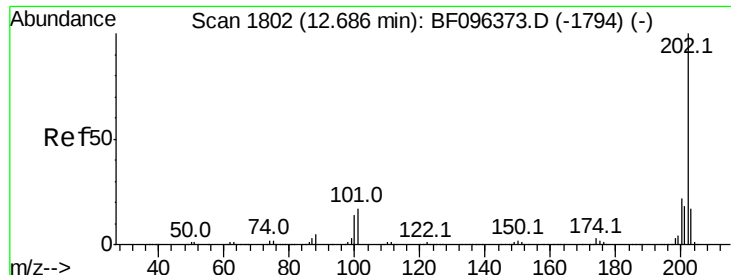


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

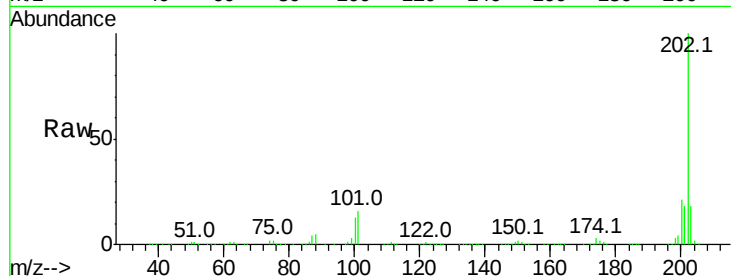




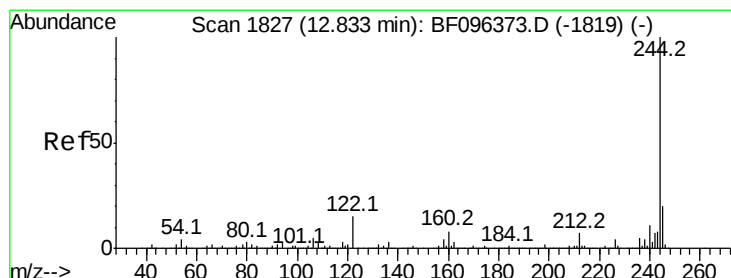
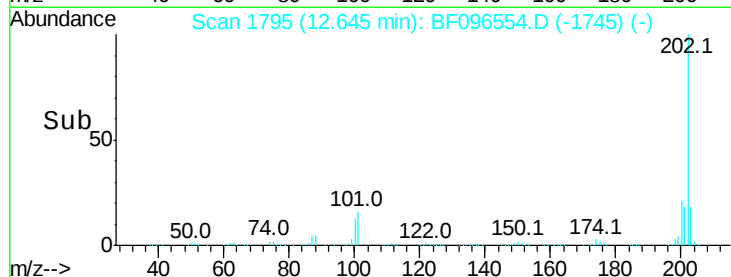
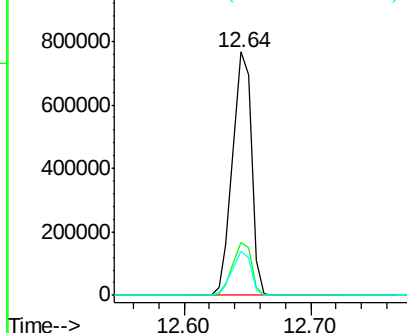
#77
 Pvrene
 Concen: 45.56 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 792476
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.6 26.4
 203 17.9 14.4 21.6

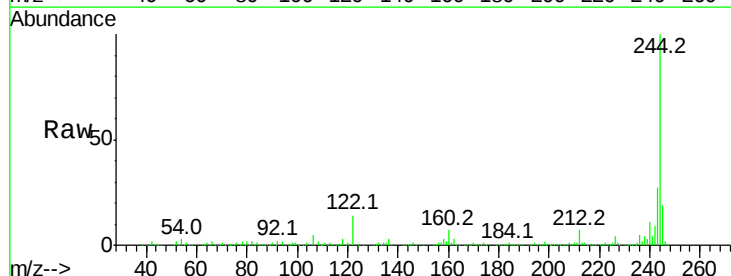


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

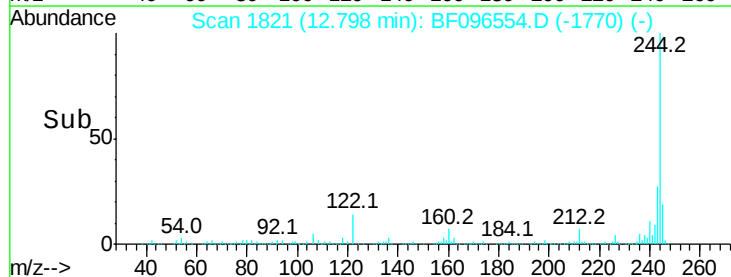
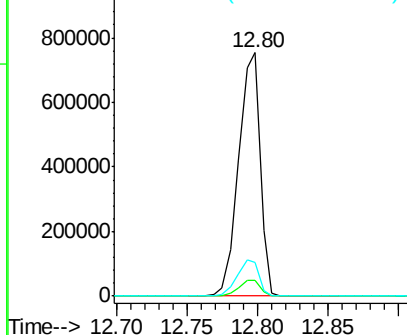


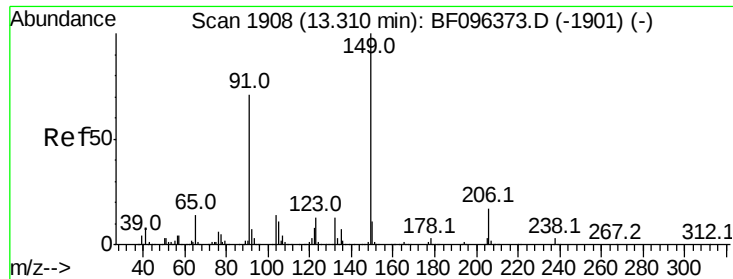
#78
 Terphenyl-d14
 Concen: 79.25 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion:244 Resp: 803633
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.8 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

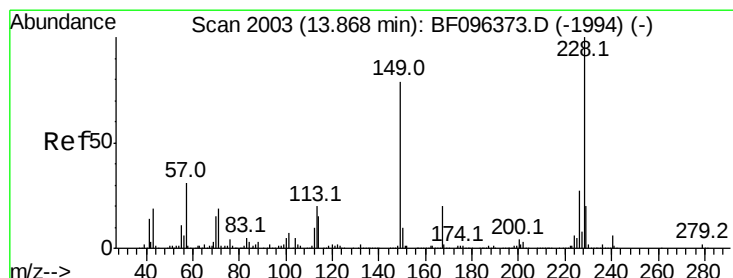
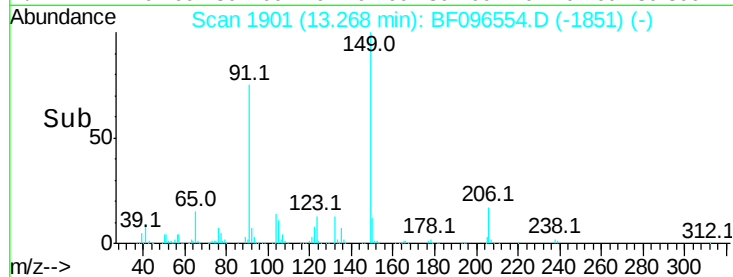
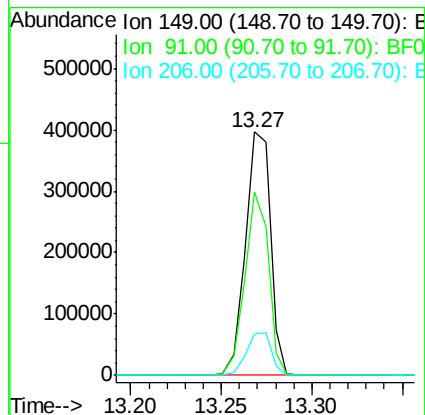
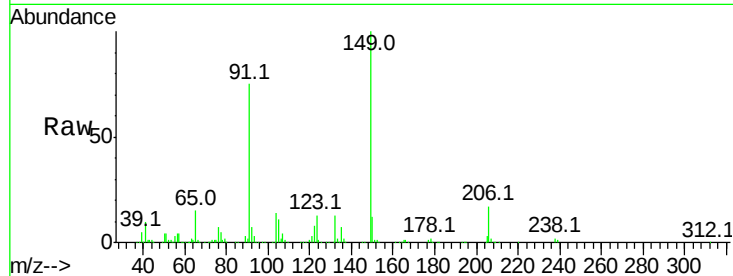




#79
Butylbenzylphthalate
Concen: 43.30 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

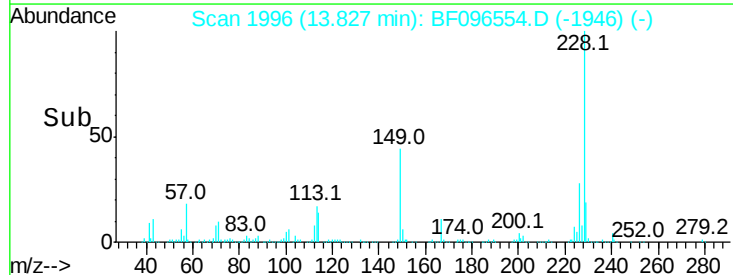
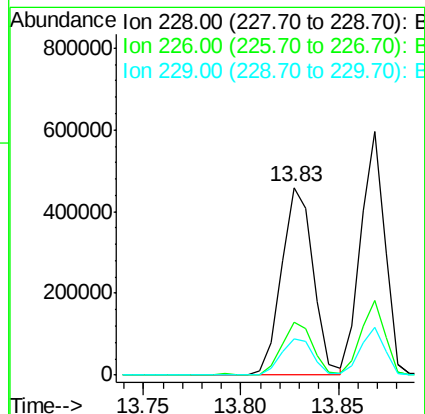
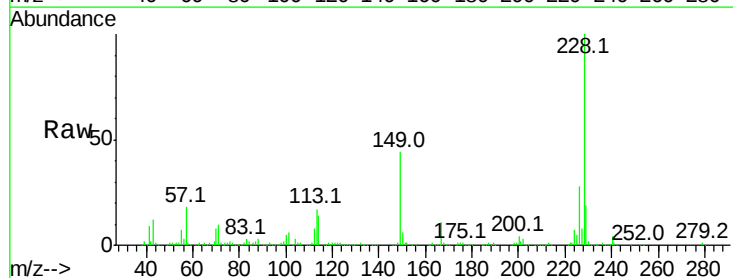
Instrument :
BNA_F
ClientSampled :

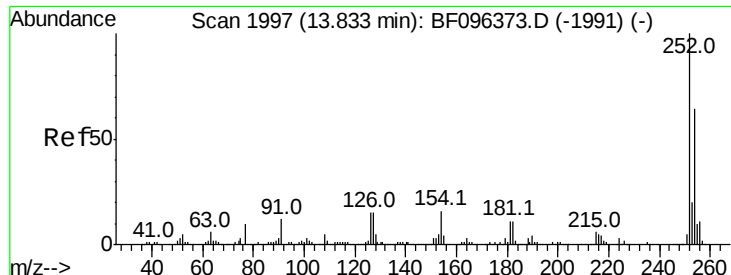
Tot Ion:149 Resp: 381238
Ion Ratio Lower Upper
149 100
91 75.1 45.0 67.4#
206 17.0 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 41.00 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion:228 Resp: 514510
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 19.4 16.3 24.5

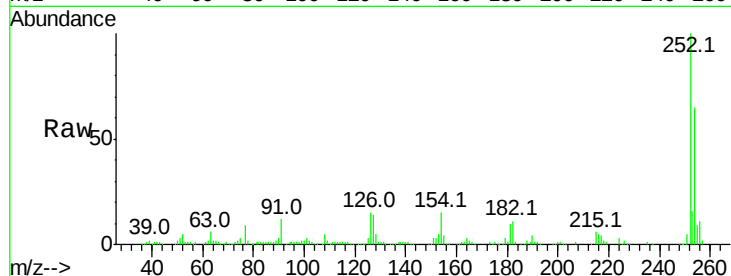




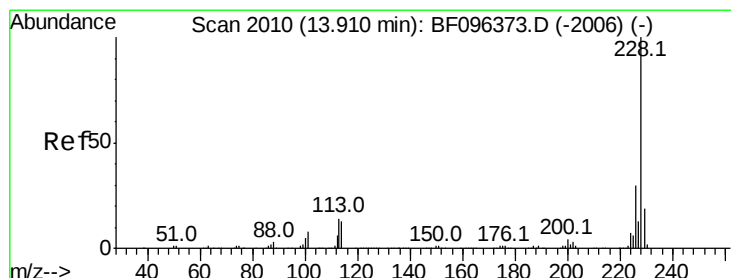
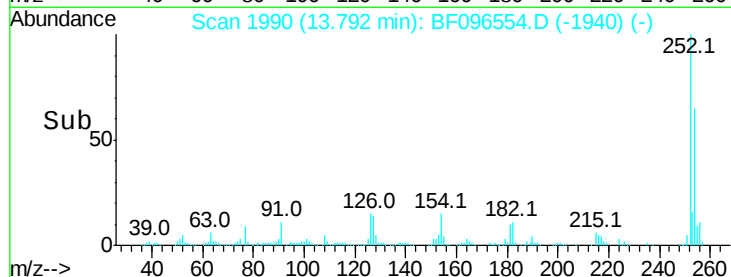
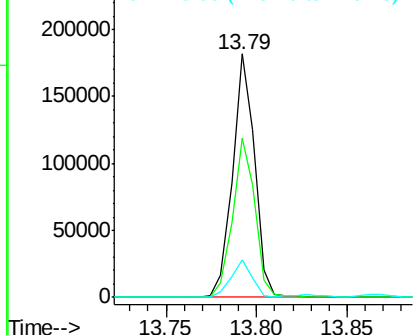
#81
 3,3'-Dichlorobenzidine
 Concen: 30.05 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 154873
 Ion Ratio Lower Upper
 252 100
 254 65.4 51.5 77.3
 126 15.5 15.8 23.8#

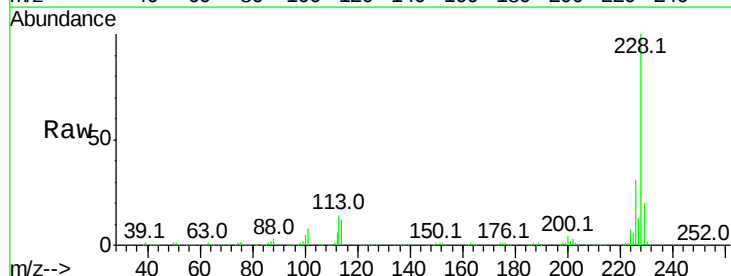


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

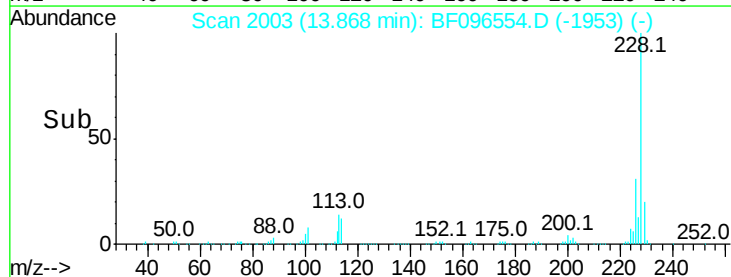
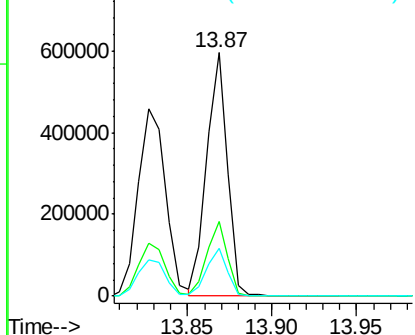


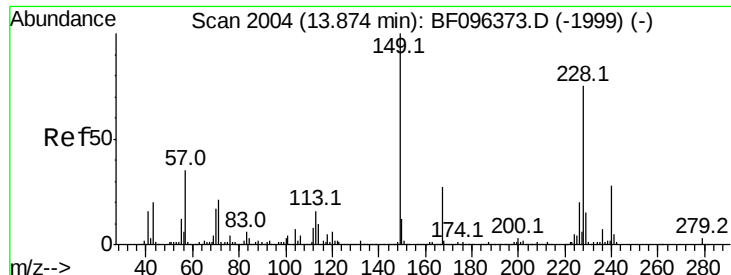
#82
 Chrysene
 Concen: 38.98 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion:228 Resp: 512180
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.7 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: 47.36 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

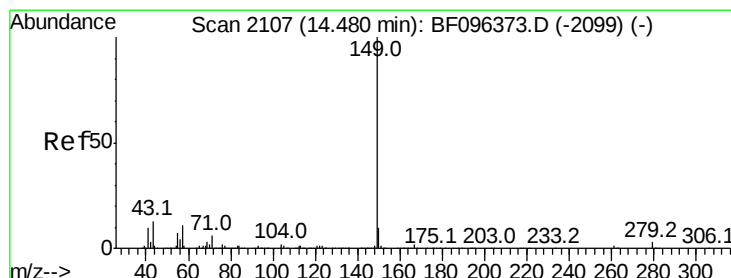
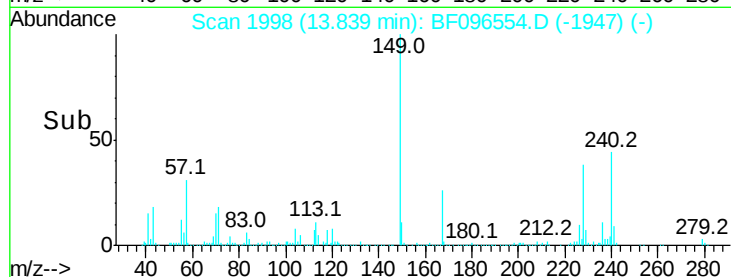
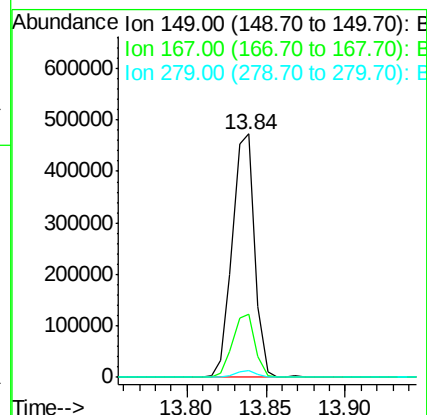
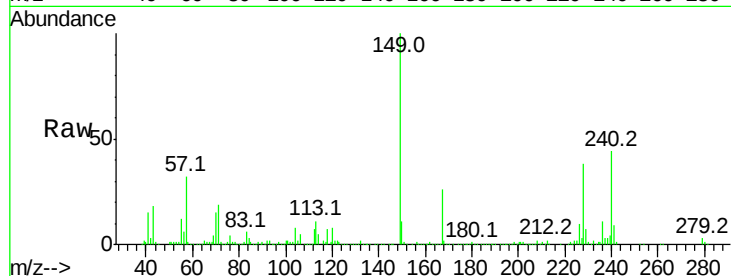
Tot Ion:149 Resp: 465406

Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

279 3.0 1.9 2.9#



#84

Di-n-octyl phthalate

Concen: 40.77 ng

RT: 14.44 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

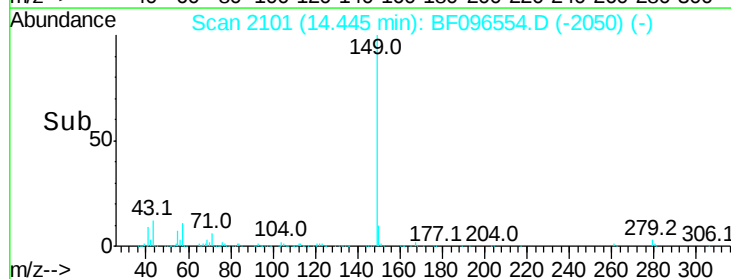
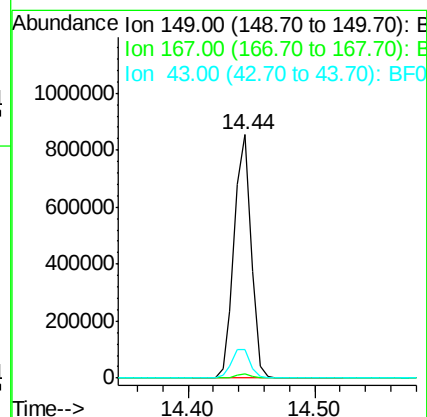
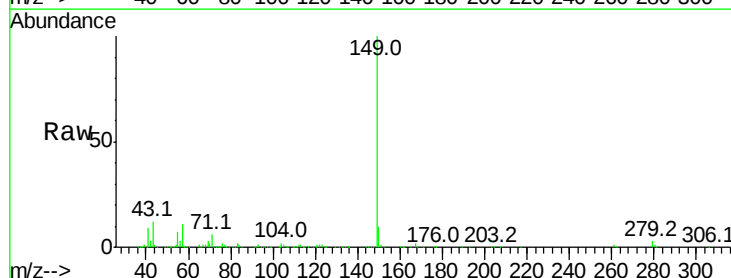
Tgt Ion:149 Resp: 789049

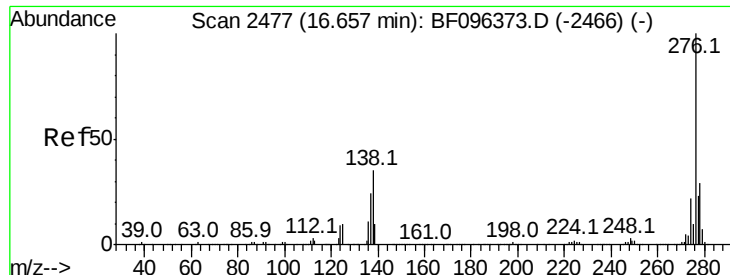
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.7 8.5 12.7#

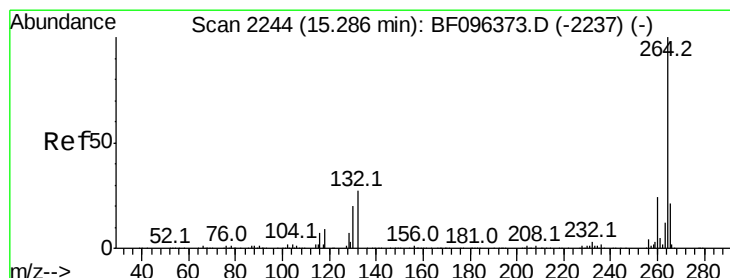
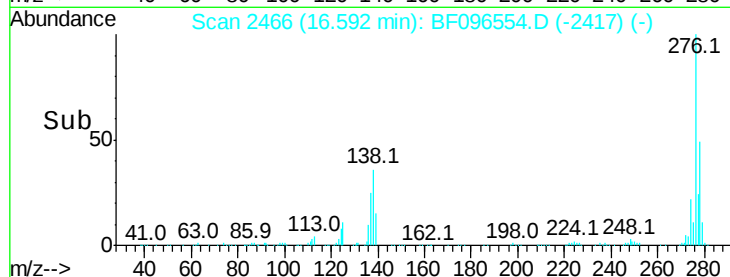
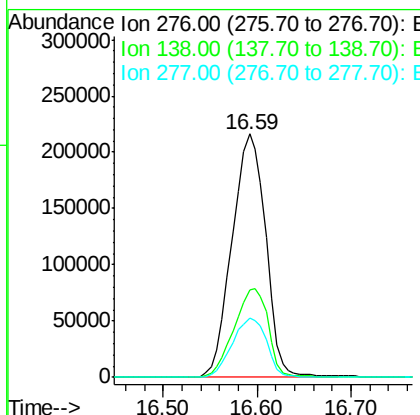
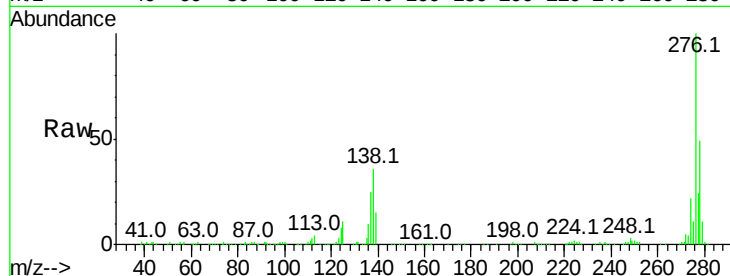




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.96 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

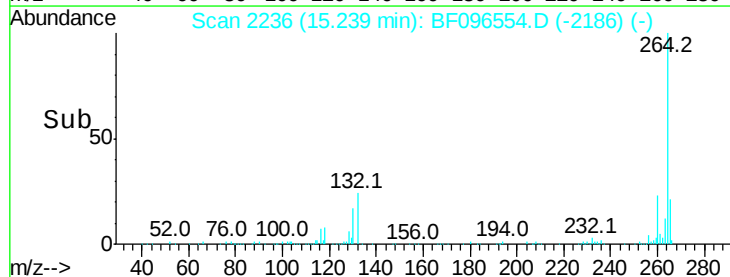
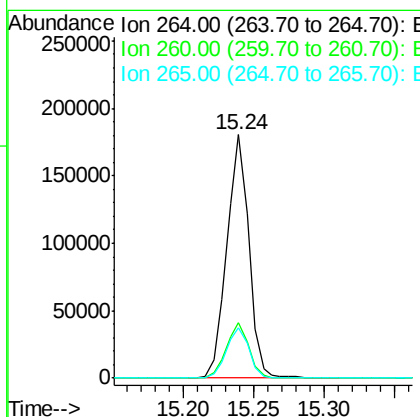
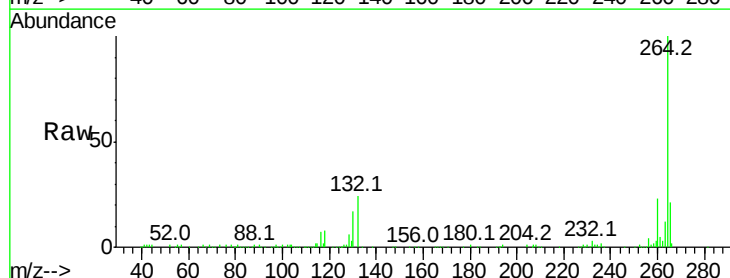
Instrument :
 BNA_F
 ClientSampleId :

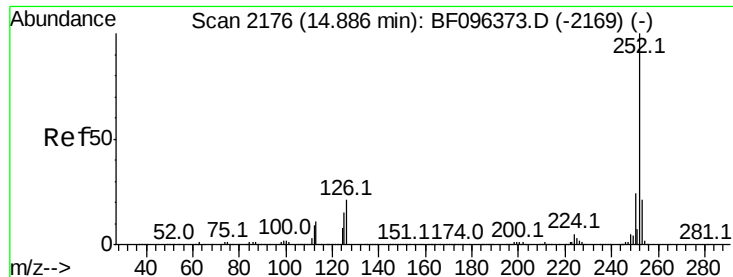
Tot Ion	Ratio	Lower	Upper
276	100		
138	37.4	27.8	41.6
277	24.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 35.12 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

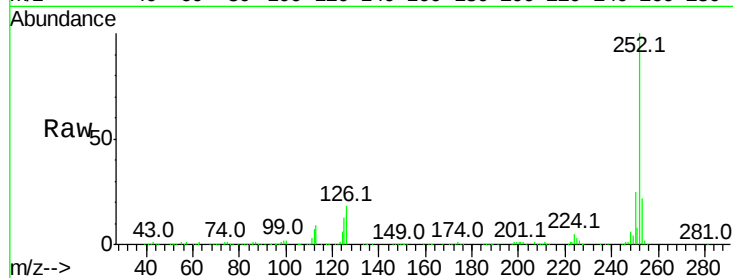
Tot Ion:252 Resp: 430903

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

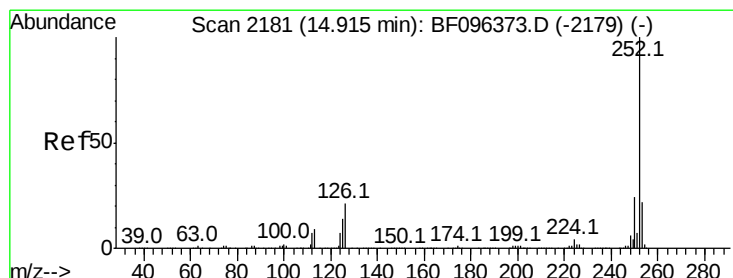
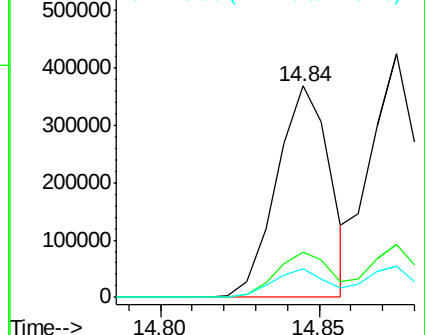
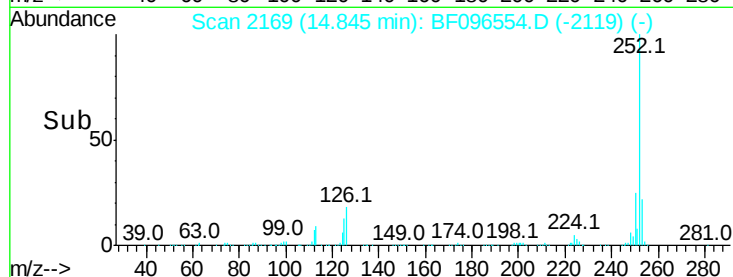
125 13.3 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.26 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

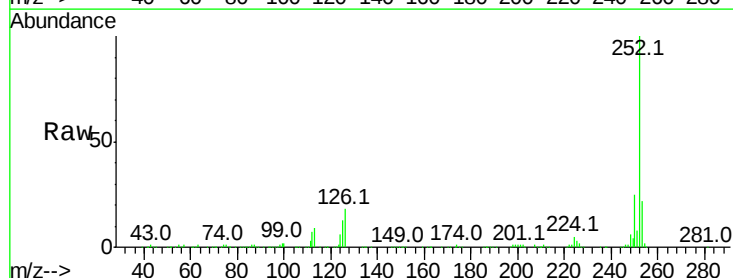
Tgt Ion:252 Resp: 430903

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

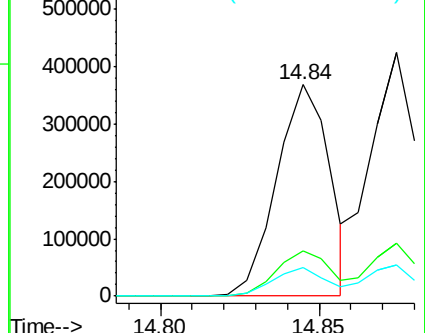
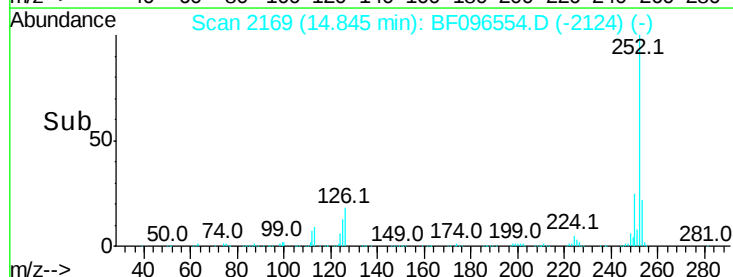
125 13.3 13.1 19.7

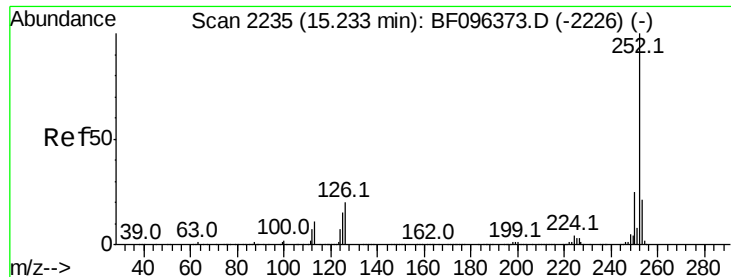


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.47 ng

RT: 15.19 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

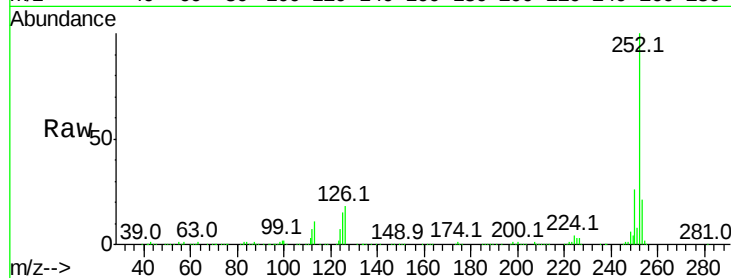
Tot Ion:252 Resp: 421460

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

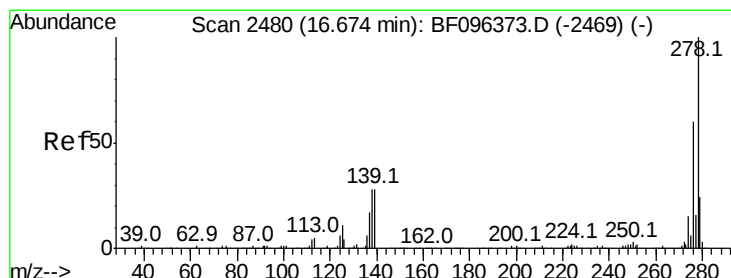
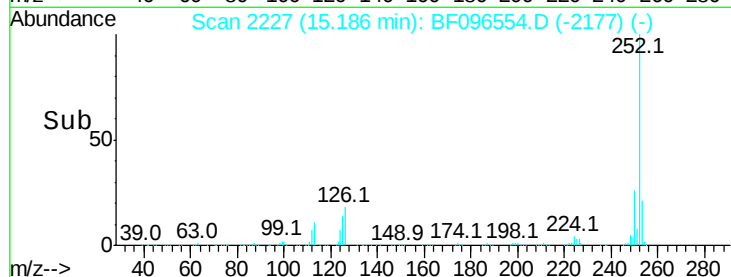
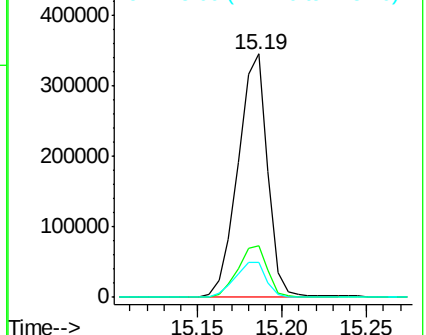
125 14.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.79 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

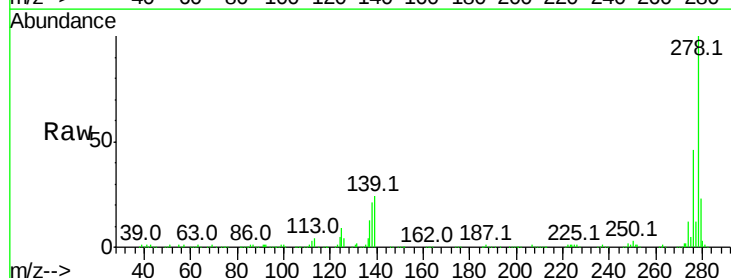
Tgt Ion:278 Resp: 437720

Ion Ratio Lower Upper

278 100

139 23.5 16.6 24.8

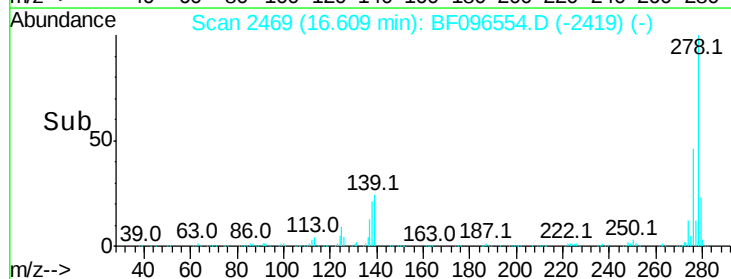
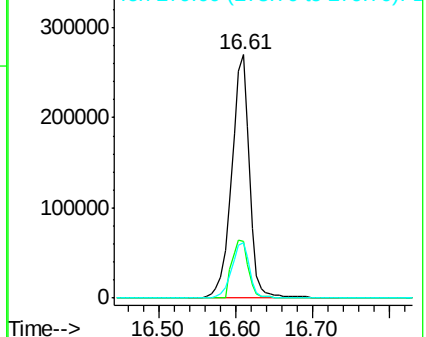
279 22.9 19.3 28.9

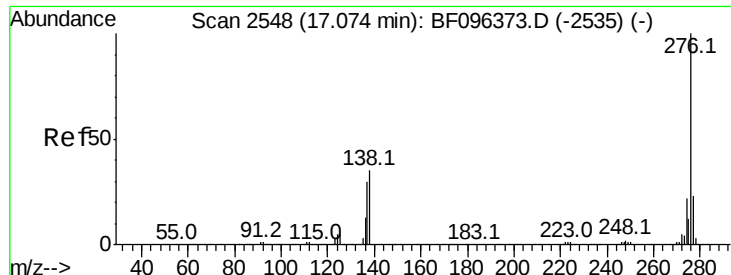


Abundance Ion 278.00 (277.70 to 278.70): E

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: 53.01 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

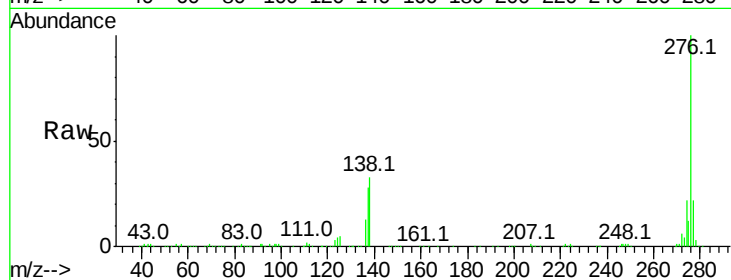
Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :



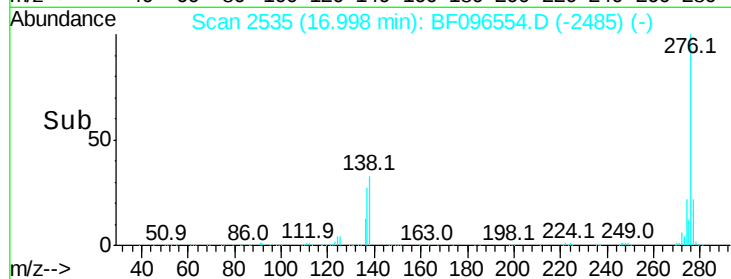
Tot Ion:276 Resp: 473372

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 32.6 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

