

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096596.D
 Acq On : 10 Jul 2017 13:02
 Operator : SJ/JU
 Sample : I4061-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:07:07 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	6.69	152	125708	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	540651	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	245779	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	426005	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	276287	20.00	ng	-0.02
86) Perylene-d12	15.22	264	229672	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	975219	114.50	ng	0.00
7) Phenol-d6	6.33	99	1167293	111.48	ng	-0.01
23) Nitrobenzene-d5	7.25	82	779975	86.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	268024	139.61	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1348424	93.80	ng	-0.02
78) Terphenyl-d14	12.78	244	1083220	83.78	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	126596	31.35	ng	# 65
3) Pyridine	3.18	79	258349	23.32	ng	# 60
4) n-Nitrosodimethylamine	3.10	42	217056	39.69	ng	# 83
6) Aniline	6.35	93	90763	6.71	ng	# 1
8) 2-Chlorophenol	6.47	128	380574	41.90	ng	# 93
9) Benzaldehyde	6.23	77	64515	9.85	ng	# 96
10) Phenol	6.35	94	423199	35.48	ng	# 98
11) bis(2-Chloroethyl)ether	6.43	93	396704	43.03	ng	# 91
12) 1,3-Dichlorobenzene	6.63	146	368193	38.66	ng	# 99
13) 1,4-Dichlorobenzene	6.70	146	371797	39.06	ng	# 97
14) 1,2-Dichlorobenzene	6.86	146	345443	39.53	ng	# 98
15) Benzyl Alcohol	6.83	79	314331	44.91	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	804500	42.93	ng	# 94
17) 2-Methylphenol	6.95	107	324155	44.78	ng	# 99
18) Hexachloroethane	7.20	117	133662	38.73	ng	# 83
19) n-Nitroso-di-n-propylamine	7.11	70	267402	42.87	ng	# 86
20) 3+4-Methylphenols	7.10	107	377091	46.71	ng	# 87
22) Acetophenone	7.10	105	513299	43.45	ng	# 95
24) Nitrobenzene	7.27	77	396652	42.02	ng	# 92
25) Isophorone	7.51	82	758998	43.51	ng	# 98
26) 2-Nitrophenol	7.59	139	227590	45.56	ng	# 93
27) 2,4-Dimethylphenol	7.63	122	370823	43.59	ng	# 94
28) bis(2-Chloroethoxy)methane	7.72	93	507114	44.04	ng	# 99
29) 2,4-Dichlorophenol	7.83	162	339114	46.21	ng	# 95
30) 1,2,4-Trichlorobenzene	7.91	180	301196	43.51	ng	# 97
31) Naphthalene	7.99	128	1150329	45.07	ng	# 100
32) Benzoic acid	7.77	122	281386	39.39	ng	# 88
33) 4-Chloroaniline	8.04	127	89108	8.41	ng	# 93
34) Hexachlorobutadiene	8.11	225	150374	42.35	ng	# 97
35) Caprolactam	8.42	113	66760	26.38	ng	# 63
36) 4-Chloro-3-methylphenol	8.53	107	373982	46.05	ng	# 90
37) 2-Methylnaphthalene	8.68	142	792395	48.77	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	254862	39.94	ng	# 98
40) Hexachlorocyclopentadiene	8.84	237	262375	84.56	ng	# 98

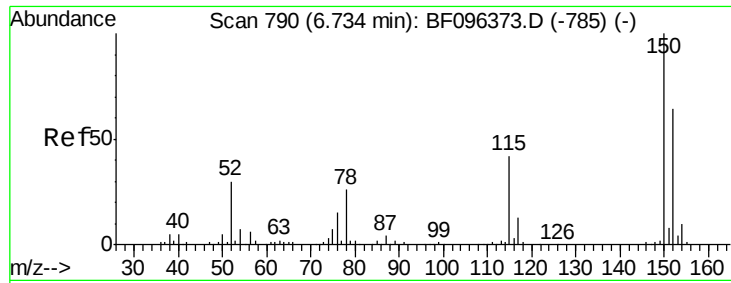
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	222657	44.10	nq	97
43) 2,4,5-Trichlorophenol	9.00	196	228450	45.77	nq	98
45) 1,1'-Biphenyl	9.15	154	877943	41.69	nq	98
46) 2-Chloronaphthalene	9.17	162	681705	43.44	nq	94
47) 2-Nitroaniline	9.26	65	262004	45.88	nq	92
48) Acenaphthylene	9.58	152	1104770	44.43	nq	99
49) Dimethylphthalate	9.45	163	858193	46.77	nq	100
50) 2,6-Dinitrotoluene	9.51	165	192382	47.42	nq	# 91
51) Acenaphthene	9.75	154	648768	42.32	nq	100
52) 3-Nitroaniline	9.67	138	96291	19.03	nq	90
53) 2,4-Dinitrophenol	9.79	184	207775	96.42	nq	# 74
54) Dibenzofuran	9.93	168	966073	47.74	nq	99
55) 4-Nitrophenol	9.85	139	318552	75.95	nq	# 70
56) 2,4-Dinitrotoluene	9.92	165	252633	49.17	nq	# 83
57) Fluorene	10.27	166	700361	49.00	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	180904	52.38	nq	97
59) Diethylphthalate	10.15	149	823781	47.50	nq	100
60) 4-Chlorophenyl-phenylether	10.26	204	288041	46.32	nq	94
61) 4-Nitroaniline	10.29	138	193638	42.08	nq	90
62) Azobenzene	10.42	77	795564	47.44	nq	92
64) 4,6-Dinitro-2-methylphenol	10.32	198	133992	45.61	nq	89
65) n-Nitrosodiphenylamine	10.38	169	654651	43.80	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	195255	47.08	nq	94
67) Hexachlorobenzene	10.82	284	201891	44.47	nq	# 87
68) Atrazine	10.91	200	175524	41.10	nq	94
69) Pentachlorophenol	11.01	266	220179	81.84	nq	99
70) Phenanthrene	11.22	178	1065820	46.28	nq	99
71) Anthracene	11.27	178	1085927	46.27	nq	99
72) Carbazole	11.43	167	1019036	43.18	nq	99
73) Di-n-butylphthalate	11.77	149	1264439	44.23	nq	98
74) Fluoranthene	12.40	202	1055690	46.76	nq	98
76) Benzidine	12.52	184	57014	4.30	nq	95
77) Pyrene	12.63	202	1078954	48.65	nq	99
79) Butylbenzylphthalate	13.26	149	532640	47.45	nq	# 79
80) Benzo(a)anthracene	13.82	228	763682	47.73	nq	98
81) 3,3'-Dichlorobenzidine	13.78	252	130823	19.91	nq	# 96
82) Chrysene	13.86	228	796030	47.51	nq	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	598968	47.80	nq	99
84) Di-n-octyl phthalate	14.43	149	1215710	49.26	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.56	276	601626	45.49	nq	97
87) Benzo(b)fluoranthene	14.83	252	720967	50.10	nq	98
88) Benzo(k)fluoranthene	14.83	252	720967	56.01	nq	96
89) Benzo(a)pyrene	15.17	252	613520	47.75	nq	99
90) Dibenzo(a,h)anthracene	16.58	278	486749	48.16	nq	97
91) Benzo(g,h,i)perylene	16.96	276	516097	49.27	nq	99

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

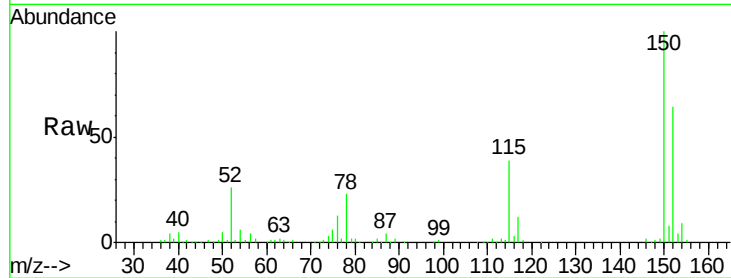


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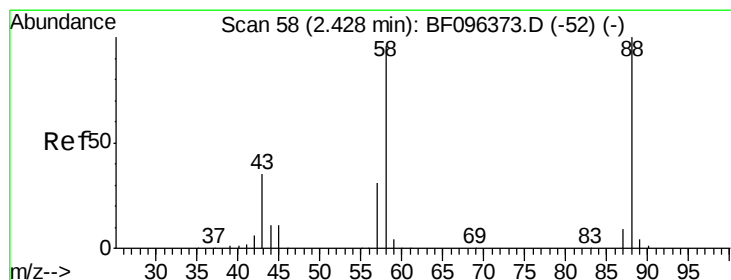
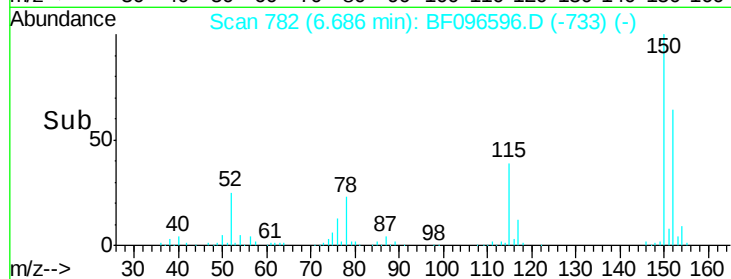
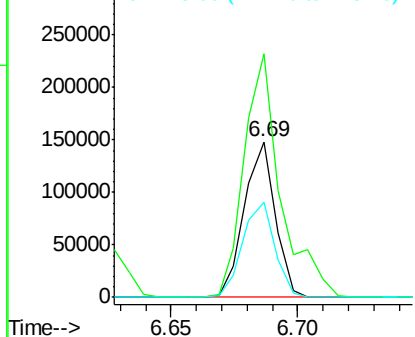
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125708
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 61.3 52.2 78.2



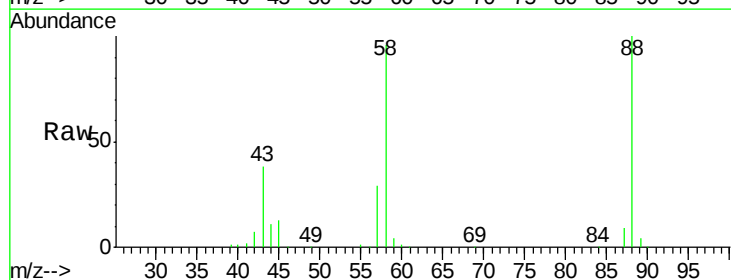
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



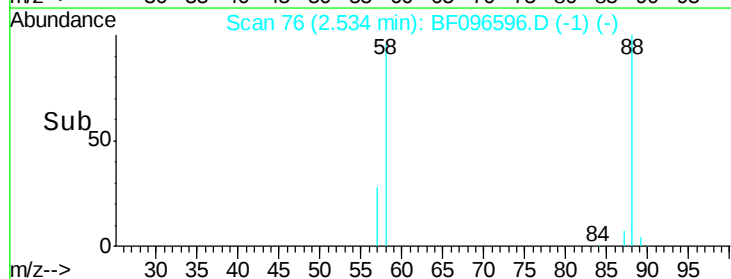
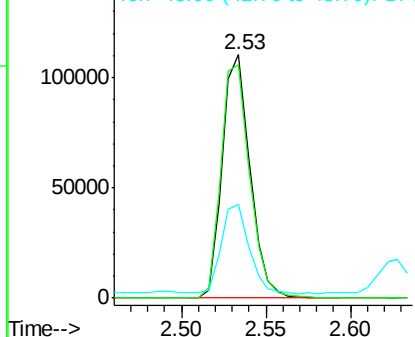
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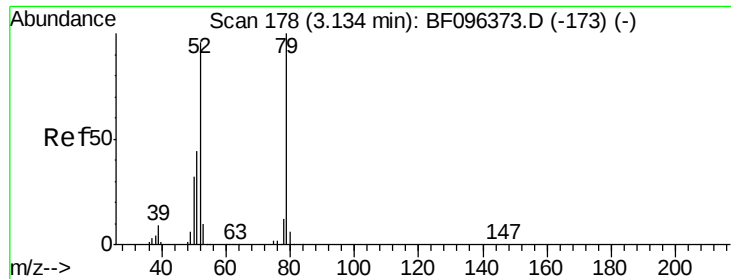
1,4-Dioxane
Concen: 31.35 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.17 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion: 88 Resp: 126596
Ion Ratio Lower Upper
88 100
58 99.9 61.4 92.0#
43 0.0 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: 23.32 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.13 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampleId :

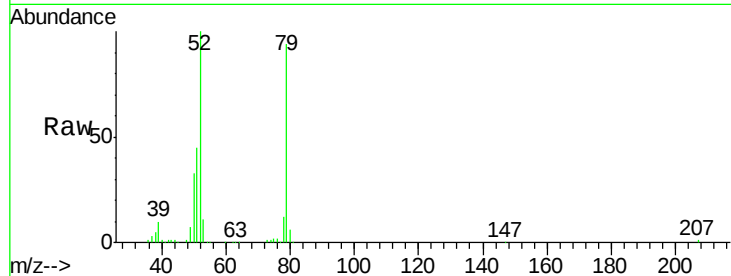
Tot Ion: 79 Resp: 258349

Ion Ratio Lower Upper

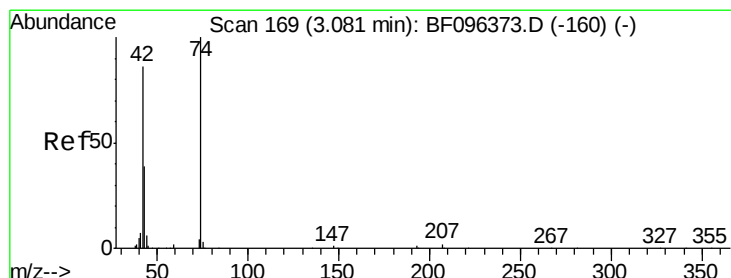
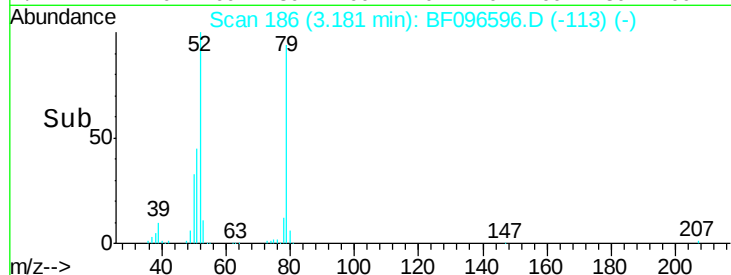
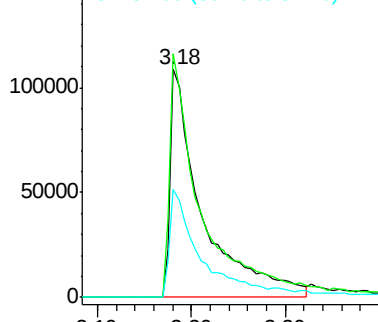
79 100

52 106.9 54.8 82.2#

51 47.6 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: 39.69 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.10 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

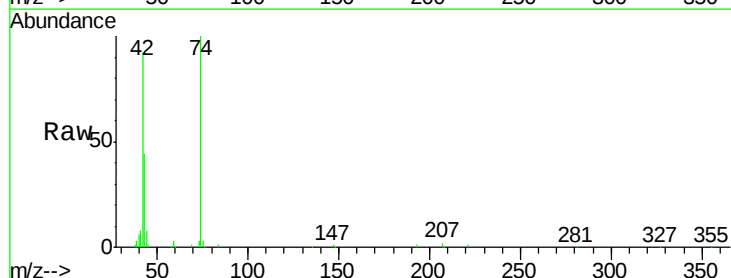
Tgt Ion: 42 Resp: 217056

Ion Ratio Lower Upper

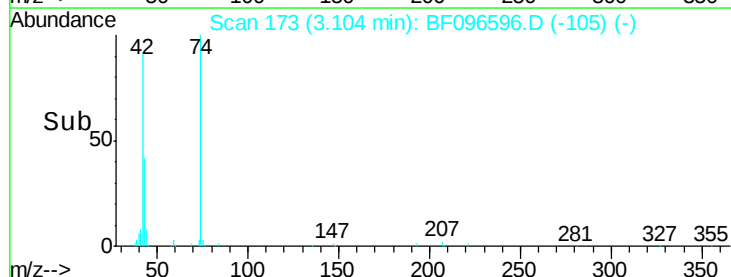
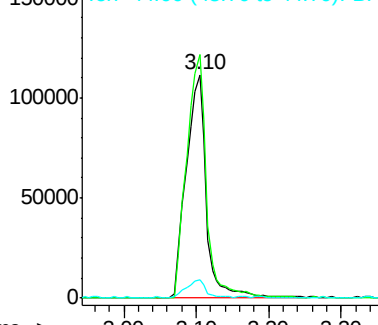
42 100

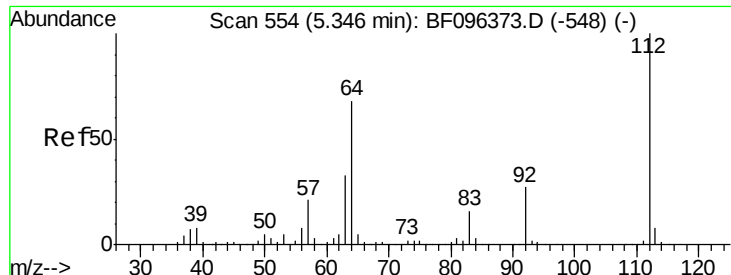
74 109.1 103.9 155.9

44 8.2 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

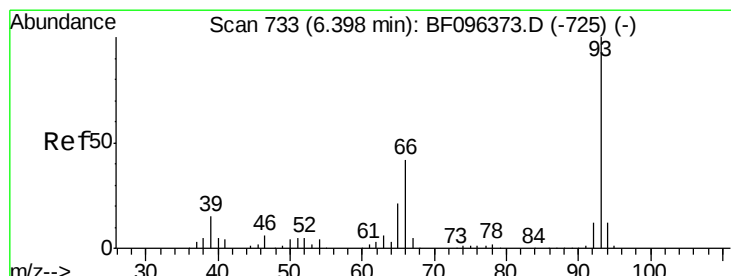
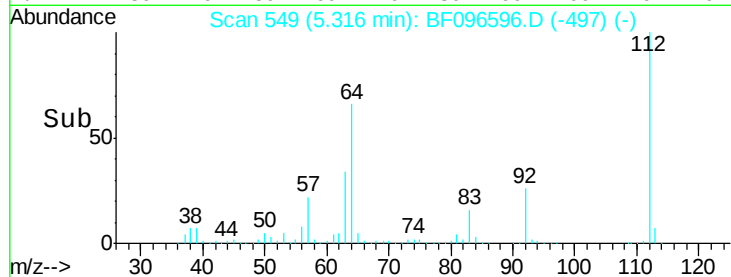
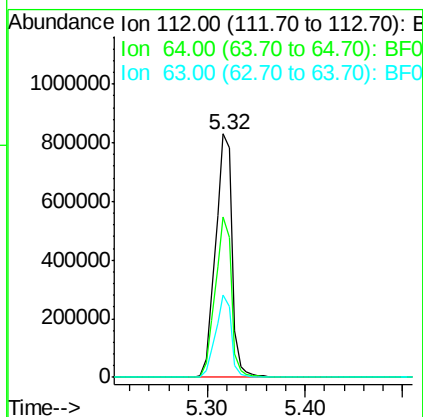
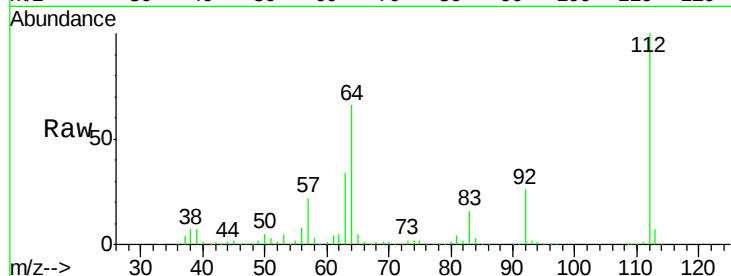




#5
 2-Fluorophenol
 Concen: 114.50 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

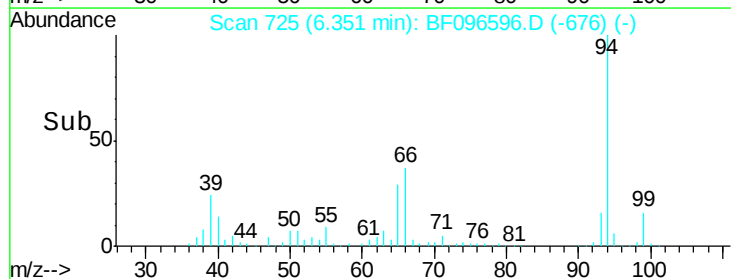
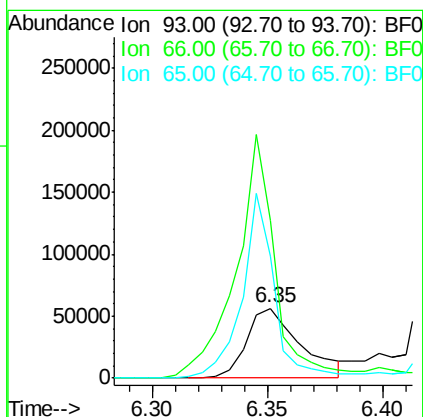
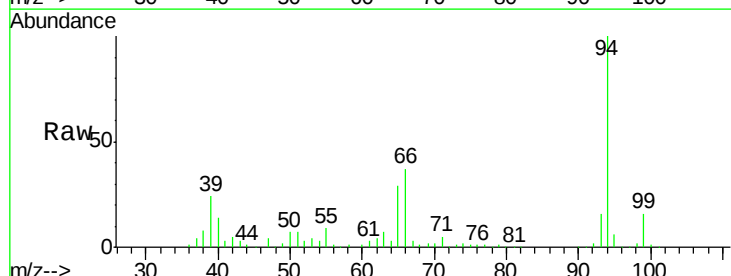
Instrument :
 BNA_F
 ClientSampled :

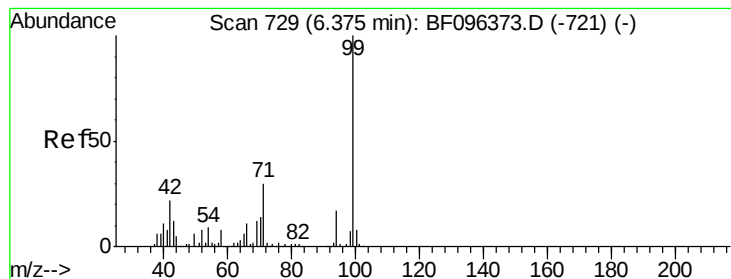
Tot Ion:	112	Resp:	975219
Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	33.7	23.4	35.0



#6
 Aniline
 Concen: 6.71 ng
 RT: 6.35 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion:	93	Resp:	90763
Ion	Ratio	Lower	Upper
93	100		
66	226.8	32.9	49.3#
65	175.6	16.0	24.0#





#7

Phenol-d6

Concen: 111.48 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

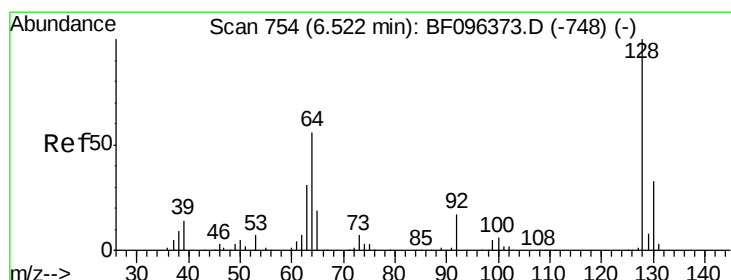
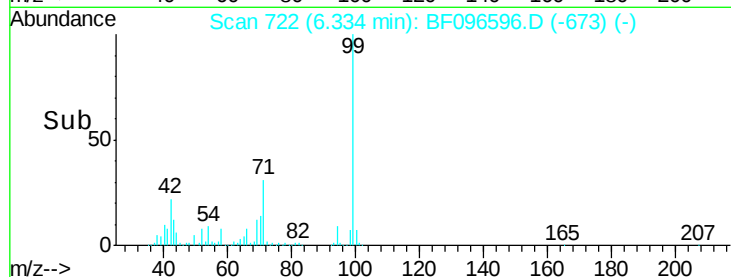
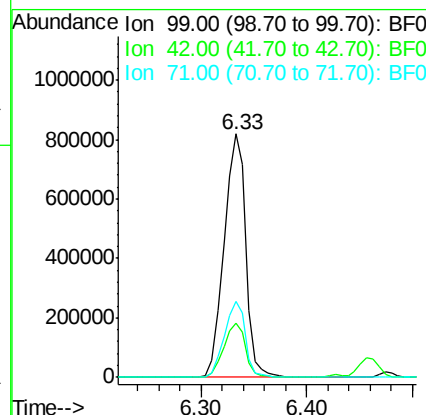
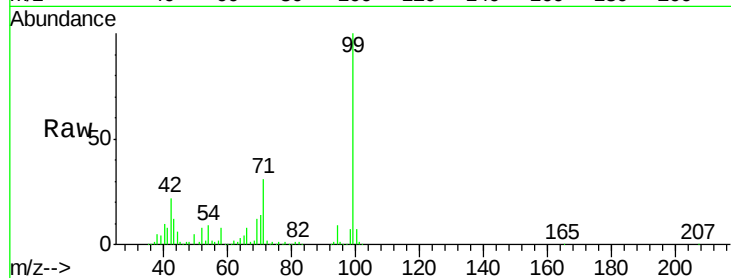
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1167293

Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.5	20.3#
71	31.4	24.5	36.7



#8

2-Chlorophenol

Concen: 41.90 ng

RT: 6.47 min Scan# 746

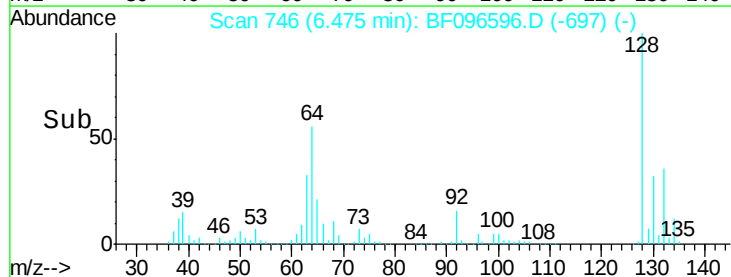
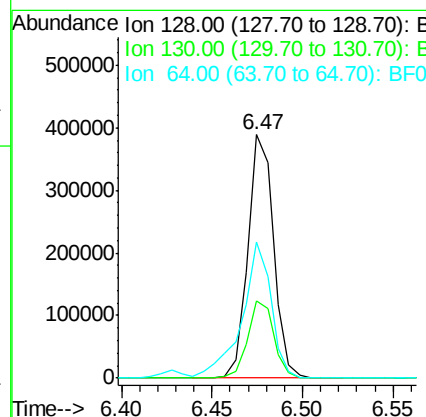
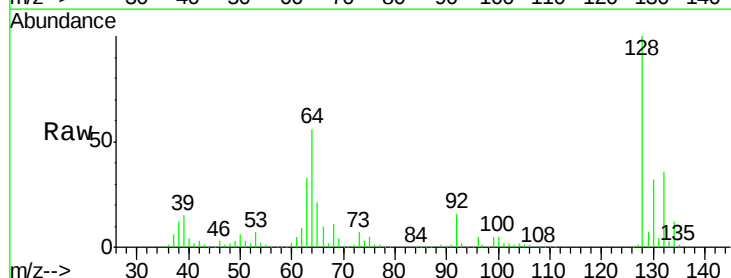
Delta R.T. -0.01 min

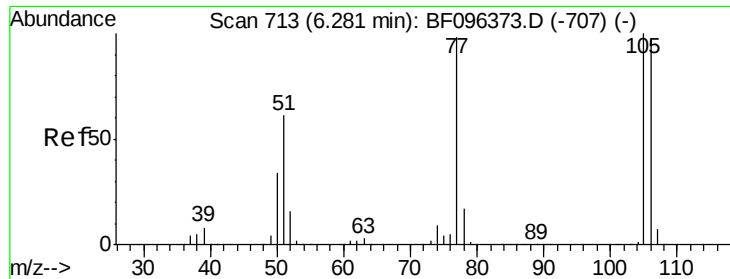
Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Tgt Ion: 128 Resp: 380574

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.9	52.9
64	55.8	28.4	68.4

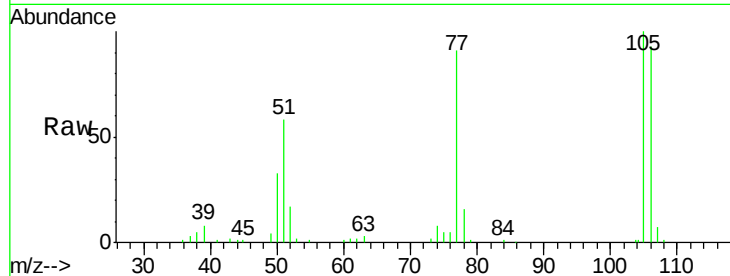




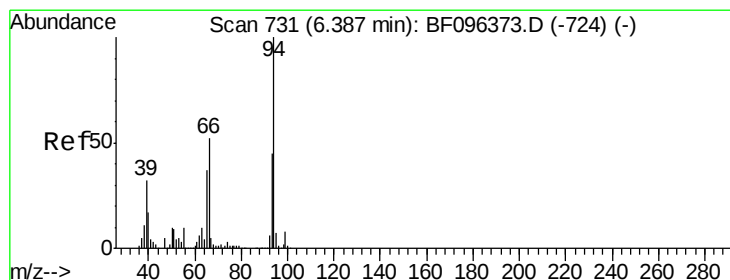
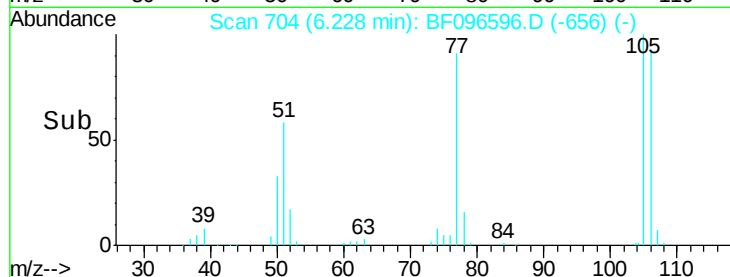
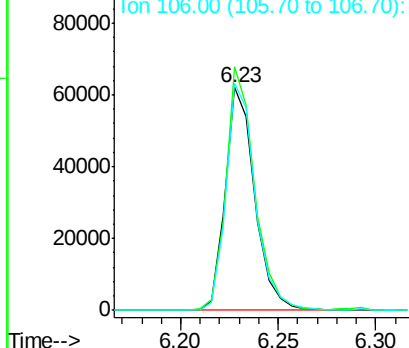
#9
Benzaldehyde
Concen: 9.85 ng
RT: 6.23 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 64515
Ion Ratio Lower Upper
77 100
105 109.4 83.8 123.8
106 102.1 79.1 119.1

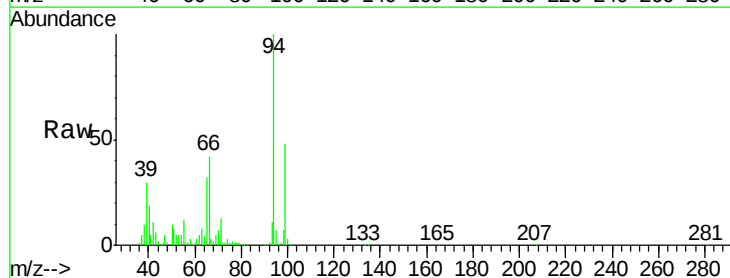


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

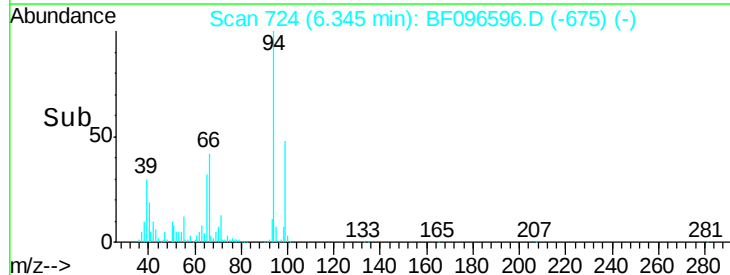
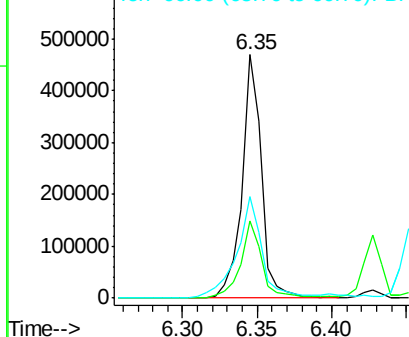


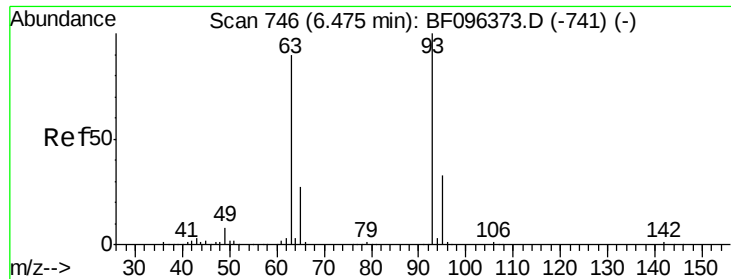
#10
Phenol
Concen: 35.48 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion: 94 Resp: 423199
Ion Ratio Lower Upper
94 100
65 31.6 9.9 49.9
66 41.8 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

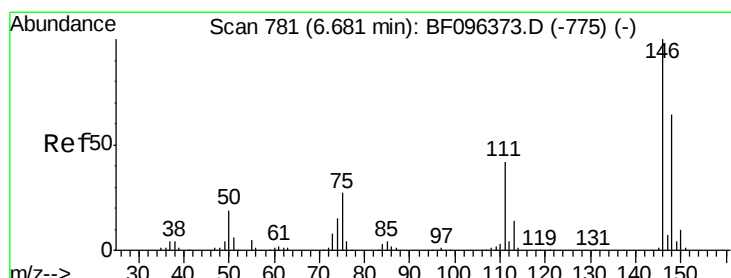
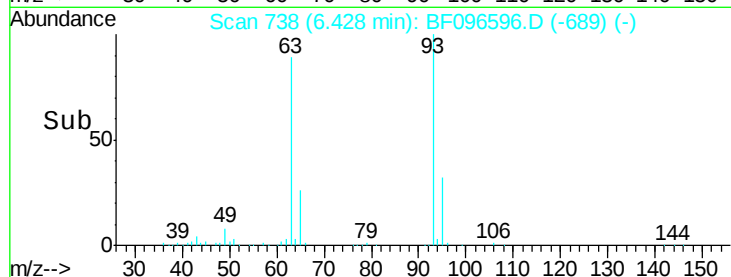
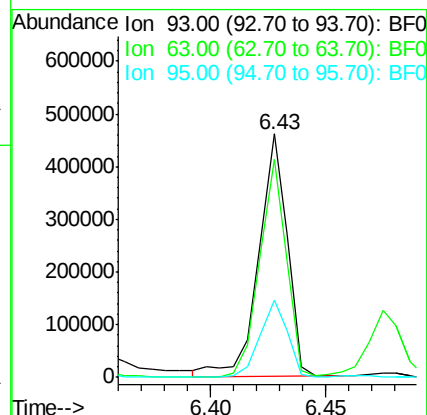
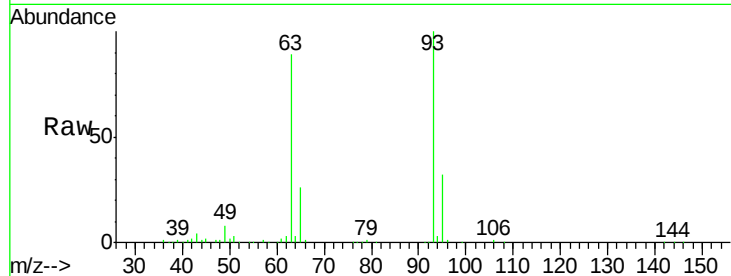




#11
bis(2-Chloroethyl)ether
Concen: 43.03 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

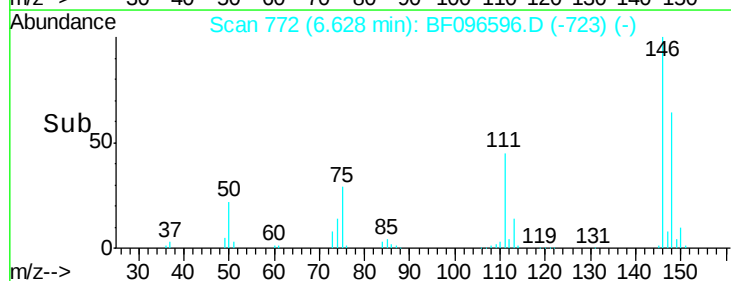
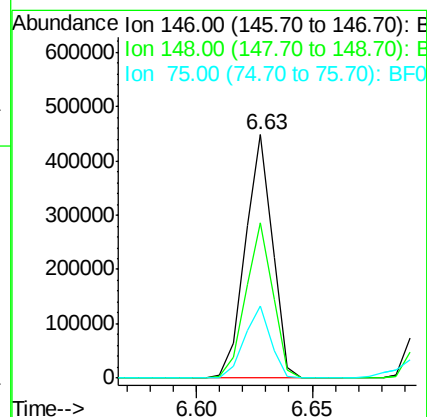
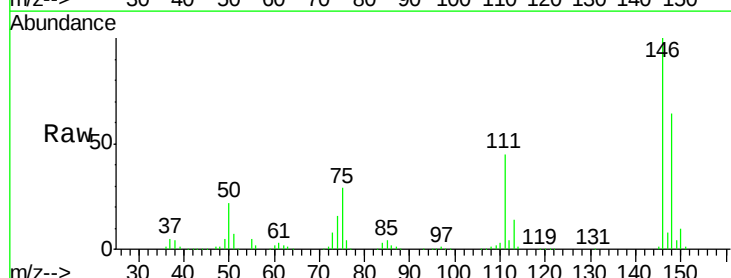
Instrument :
BNA_F
ClientSampleId :

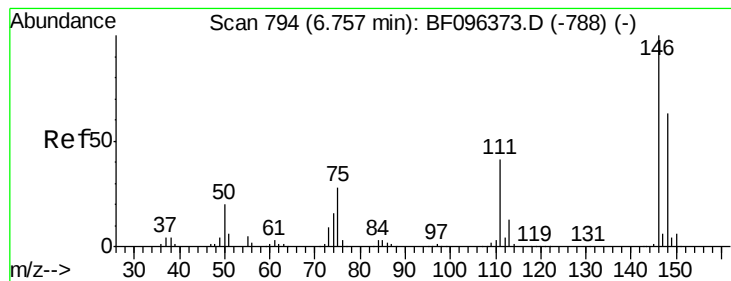
Tot Ion: 93 Resp: 396704
Ion Ratio Lower Upper
93 100
63 89.4 59.2 99.2
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.66 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion: 146 Resp: 368193
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.6
75 29.4 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.06 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampled :

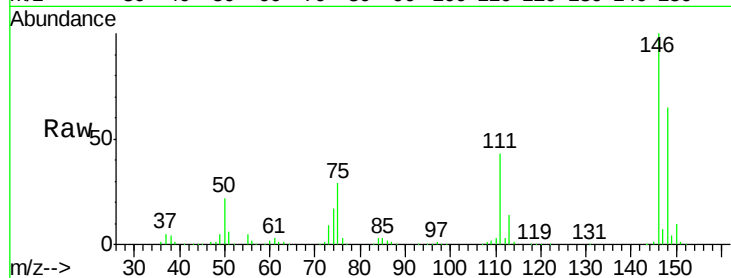
Tot Ion:146 Resp: 371797

Ion Ratio Lower Upper

146 100

148 65.3 52.2 78.2

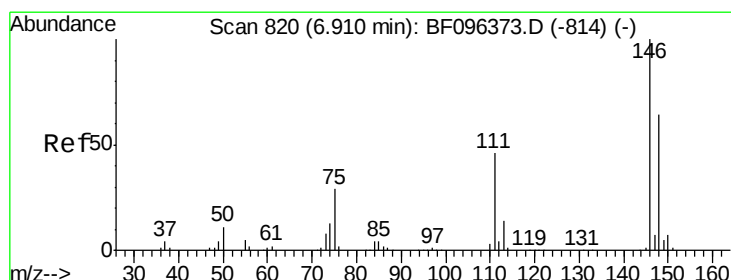
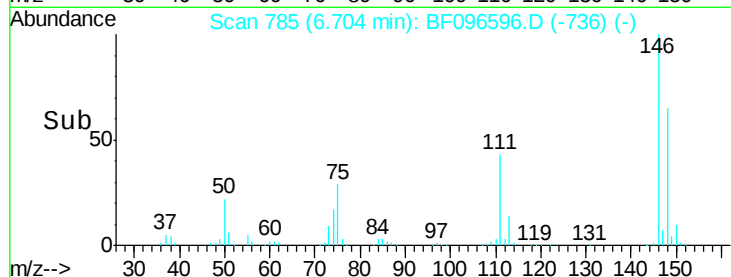
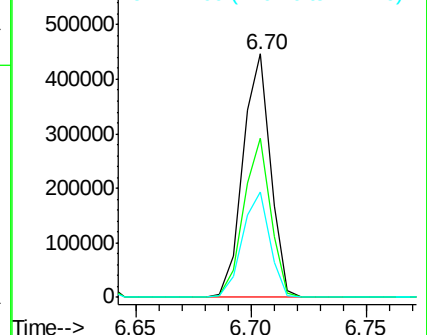
111 43.2 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.53 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

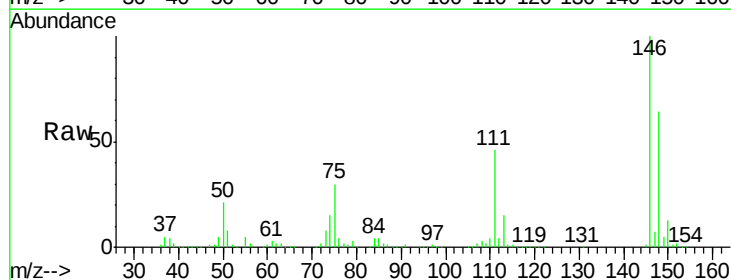
Tgt Ion:146 Resp: 345443

Ion Ratio Lower Upper

146 100

148 64.4 50.4 75.6

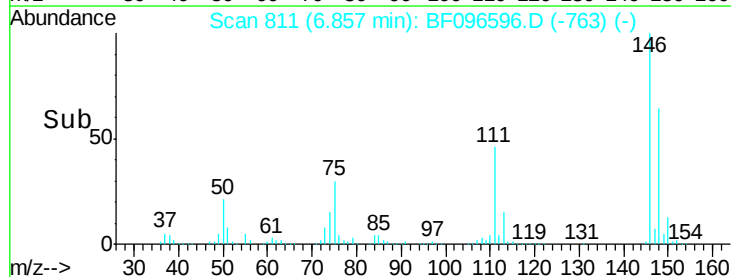
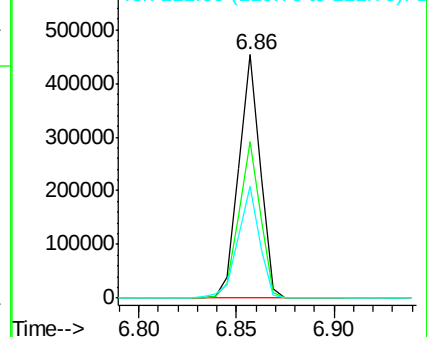
111 46.1 38.2 57.4

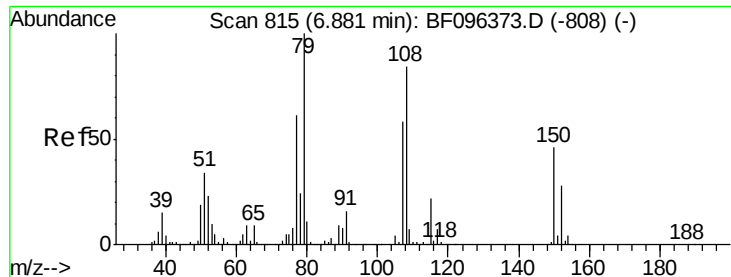


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

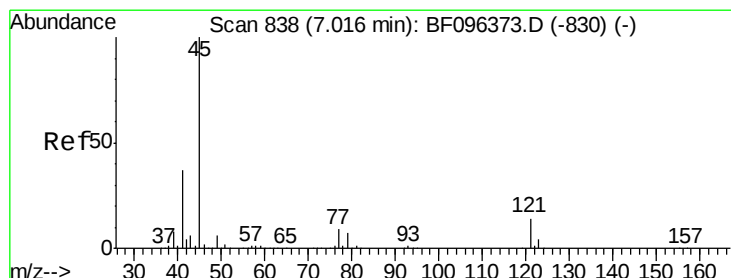
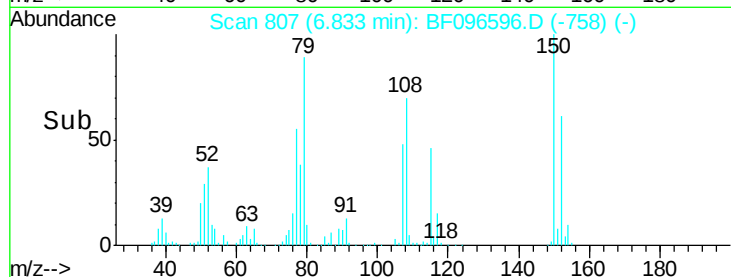
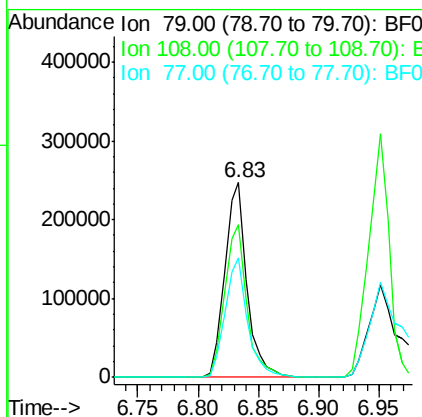
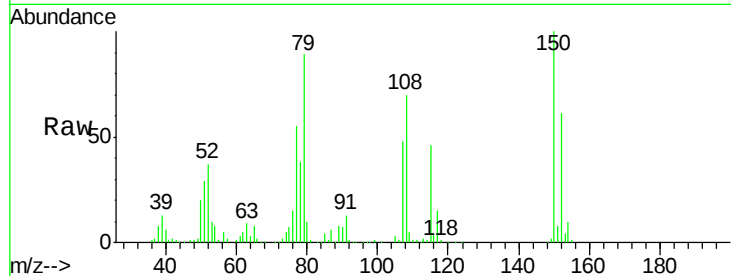




#15
Benzyl Alcohol
Concen: 44.91 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

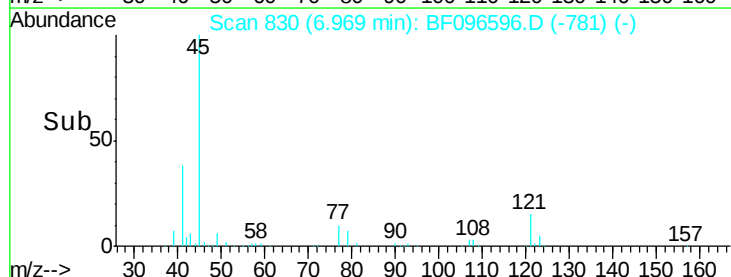
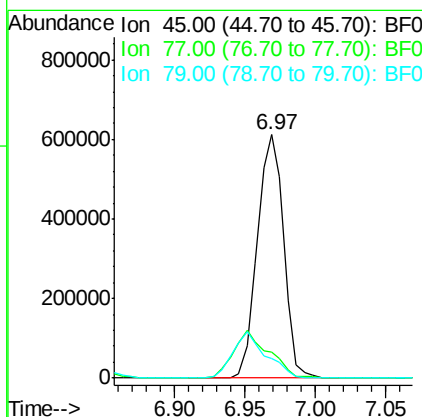
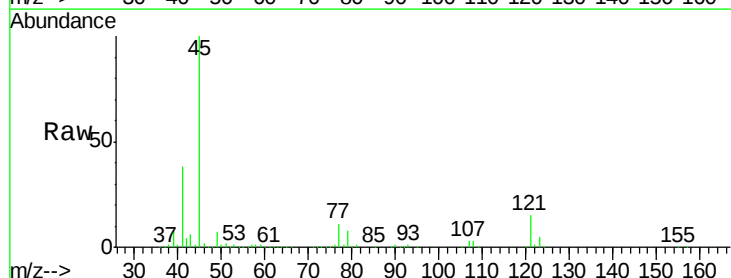
Instrument :
BNA_F
ClientSampleId :

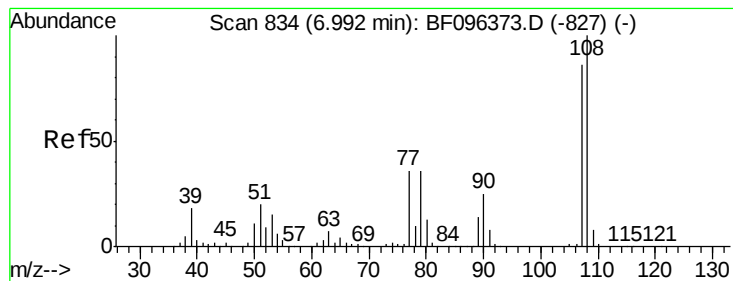
Tot Ion: 79 Resp: 314331
Ion Ratio Lower Upper
79 100
108 78.3 63.4 95.0
77 61.4 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.93 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion: 45 Resp: 804500
Ion Ratio Lower Upper
45 100
77 10.6 0.0 33.2
79 8.0 0.0 30.0

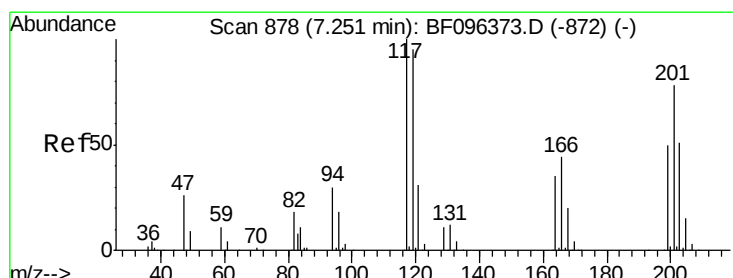
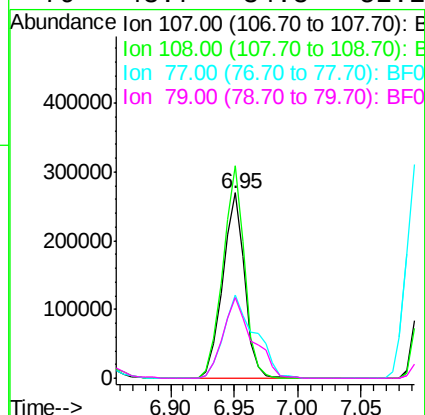
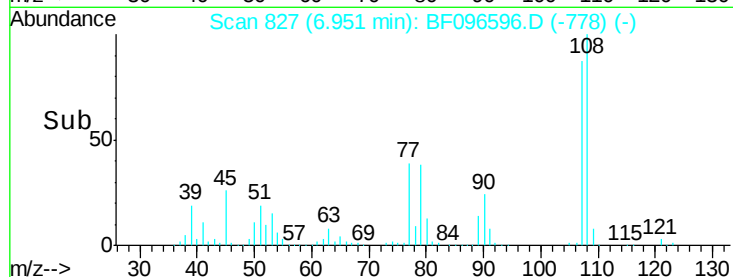
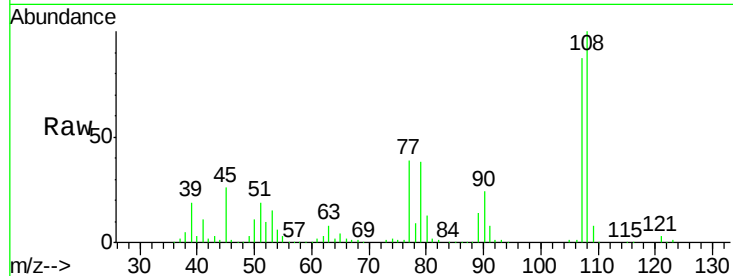




#17
2-Methylphenol
Concen: 44.78 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

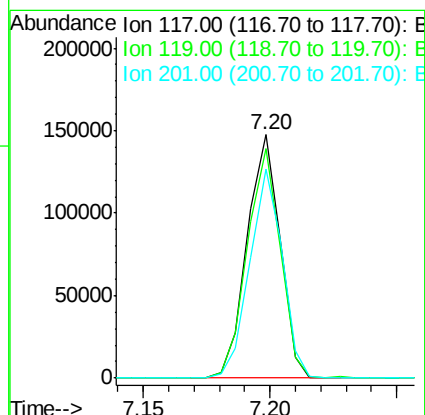
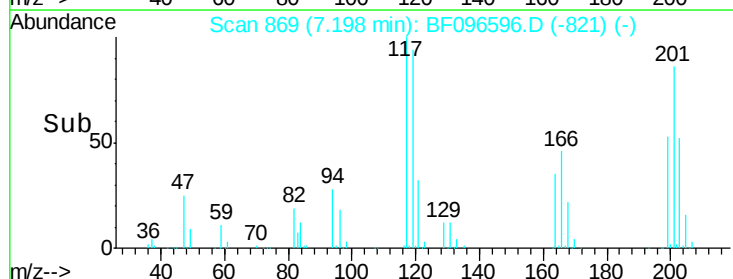
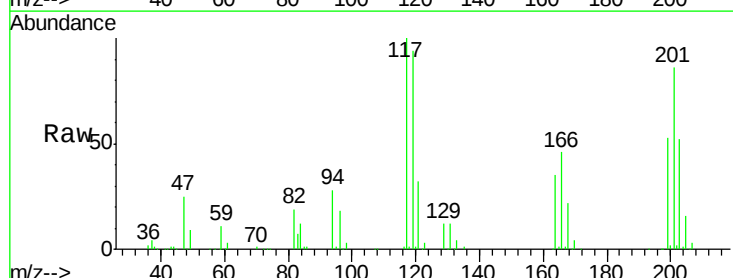
Instrument :
BNA_F
ClientSampled :

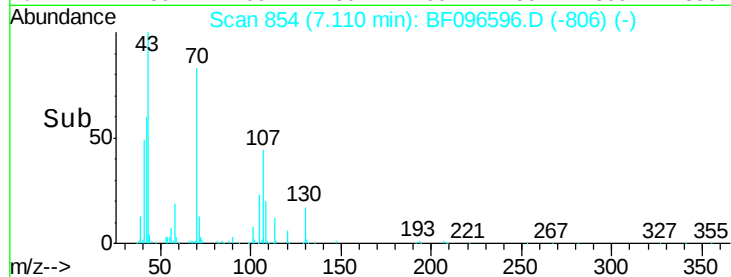
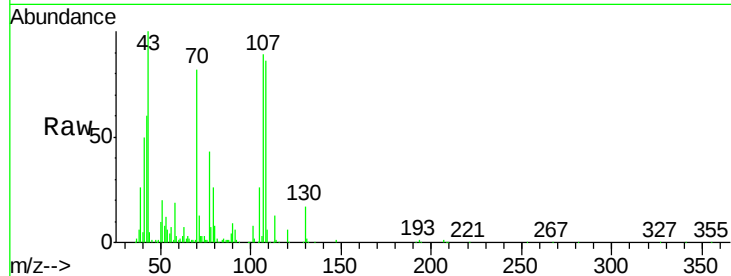
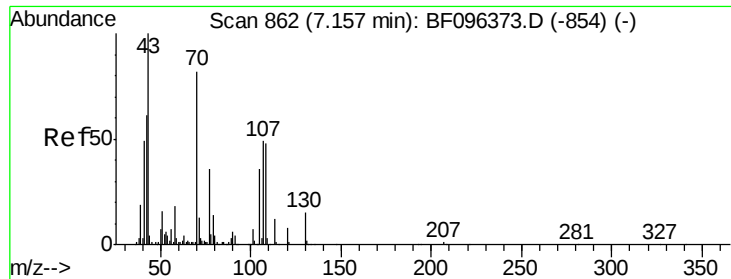
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.4	140.0
77	44.8	35.8	53.6
79	43.7	34.8	52.2



#18
Hexachloroethane
Concen: 38.73 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.4	116.0
201	85.9	94.6	141.8#

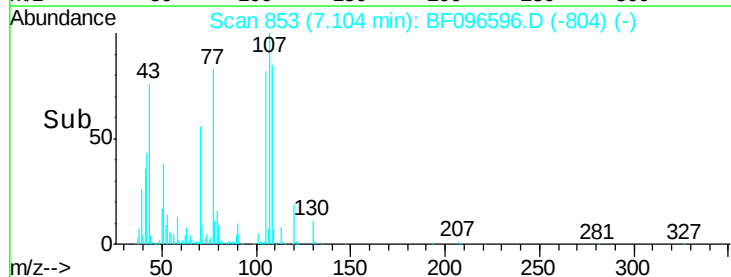
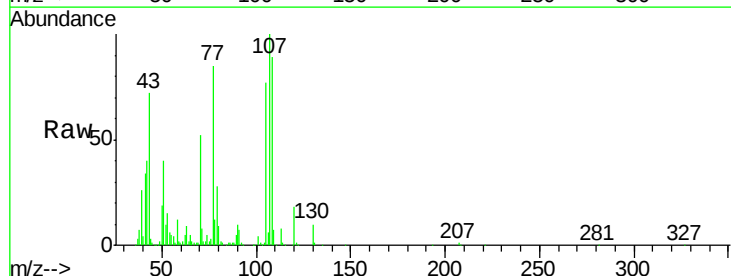
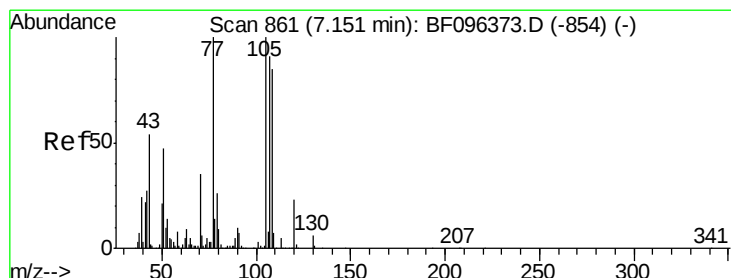
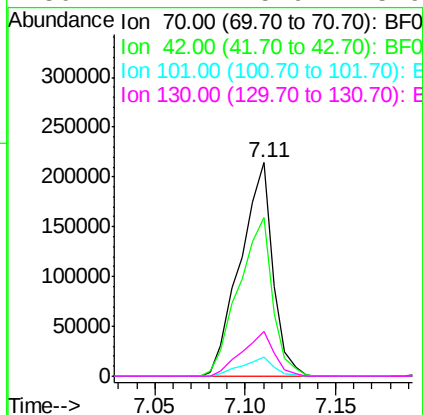




#19
n-Nitroso-di-n-propylamine
Concen: 42.87 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

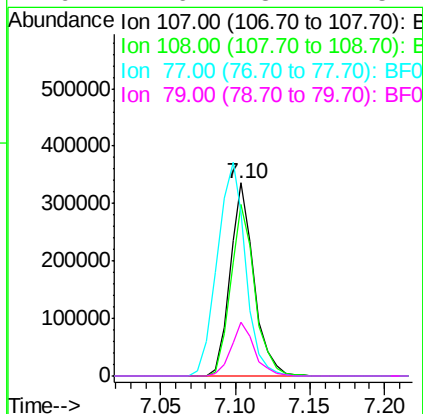
Instrument :
BNA_F
ClientSampleId :

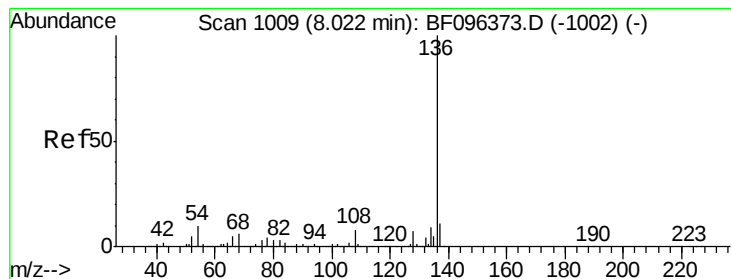
Tot Ion	Ratio	Lower	Upper
70	100		
42	74.0	47.2	70.8#
101	9.2	7.2	10.8
130	21.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 46.71 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	71.0	111.0
77	84.9	90.5	130.5#
79	27.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096596.D

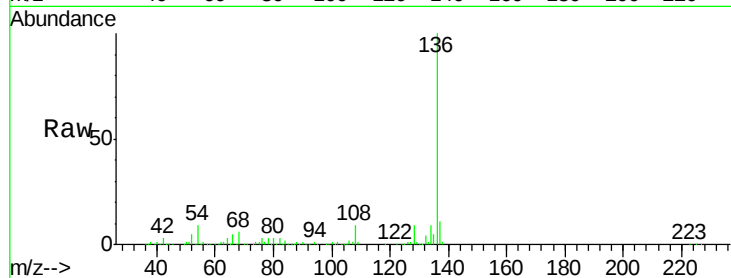
Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	540651
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	9.4	4.9 7.3#
68	5.6	4.1 6.1

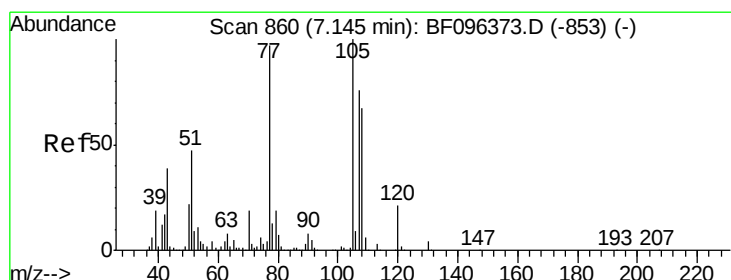
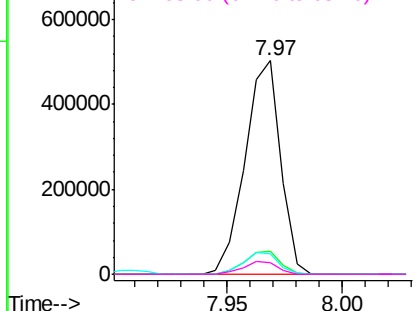
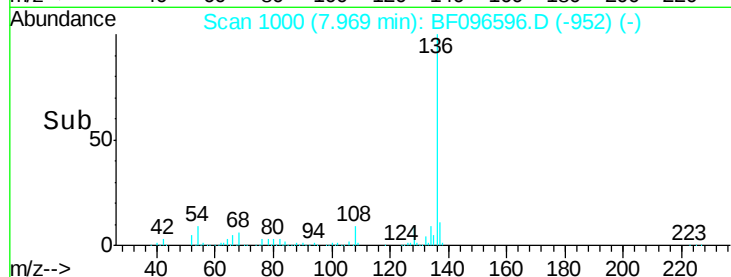


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.45 ng

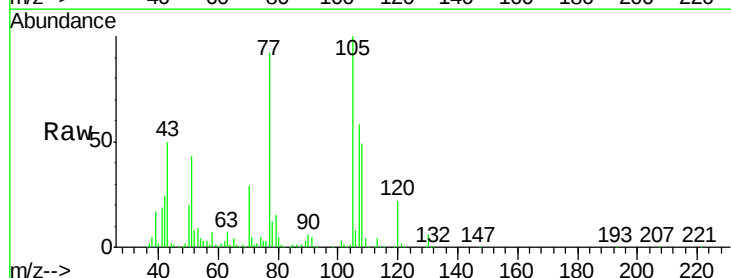
RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Tgt Ion:105	Resp:	513299
Ion Ratio	Lower	Upper
105	100	
71	5.1	2.8 4.2#
51	43.1	30.7 46.1
120	21.8	17.4 26.0

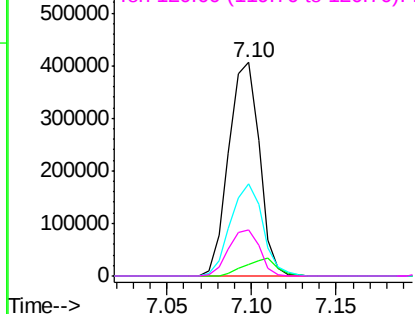
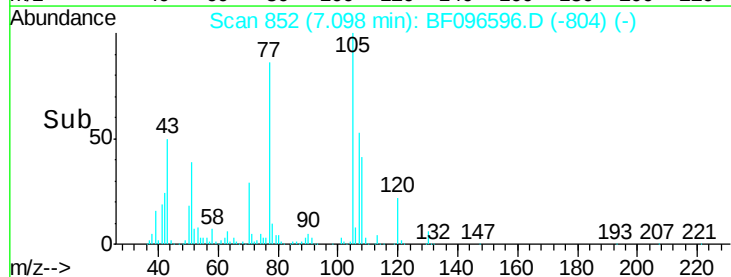


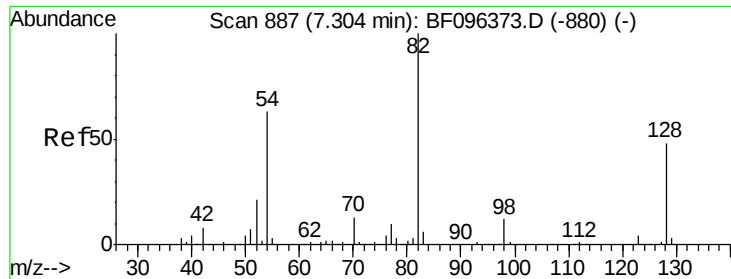
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

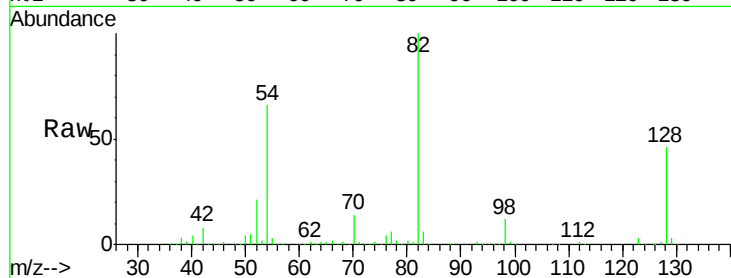




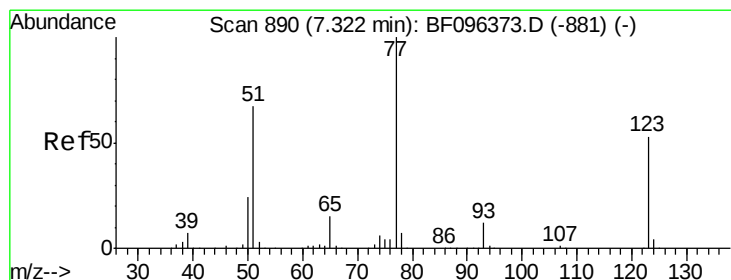
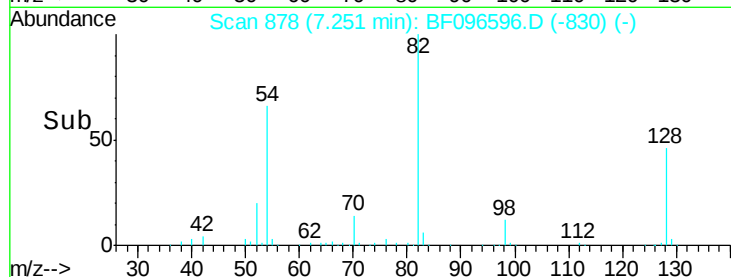
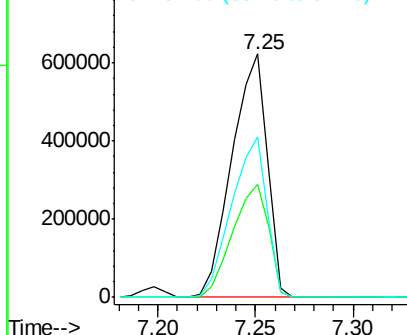
#23
 Nitrobenzene-d5
 Concen: 86.69 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 779975
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 65.7 42.2 63.2#

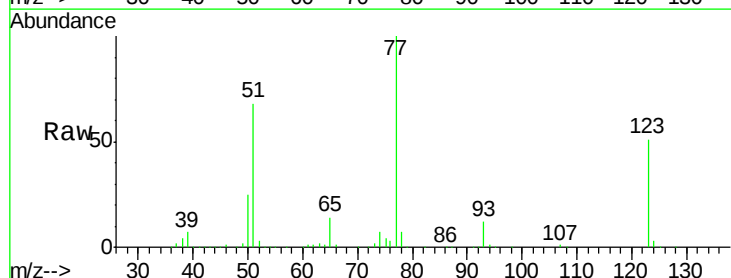


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

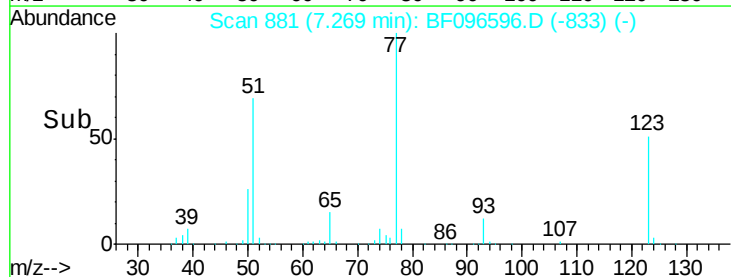
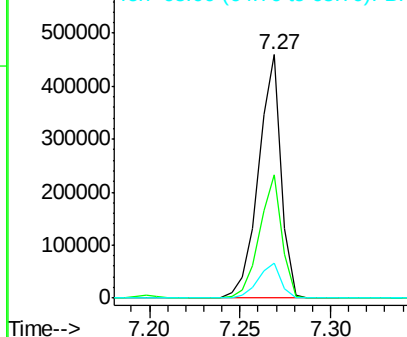


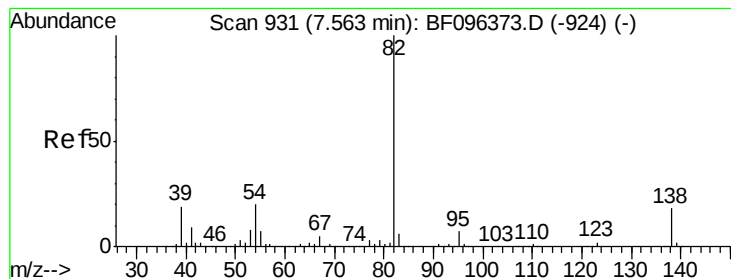
#24
 Nitrobenzene
 Concen: 42.02 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion: 77 Resp: 396652
 Ion Ratio Lower Upper
 77 100
 123 50.9 35.8 53.8
 65 14.5 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: 43.51 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampleId :

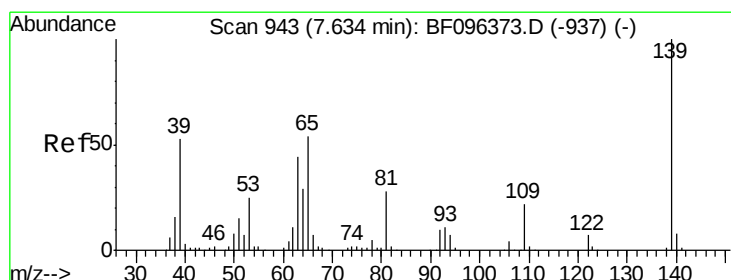
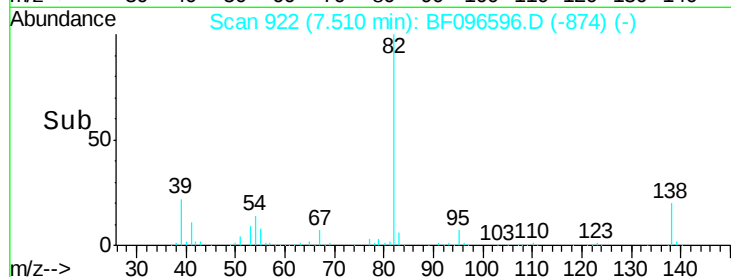
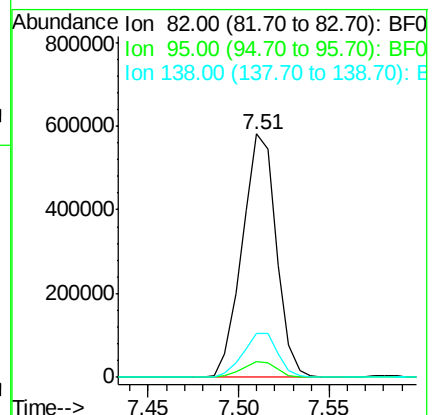
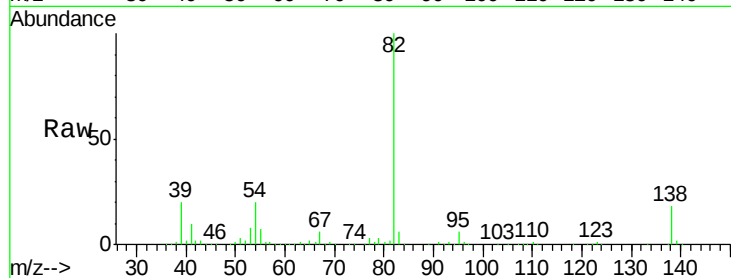
Tot Ion: 82 Resp: 758998

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 17.8 13.1 19.7



#26

2-Nitrophenol

Concen: 45.56 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

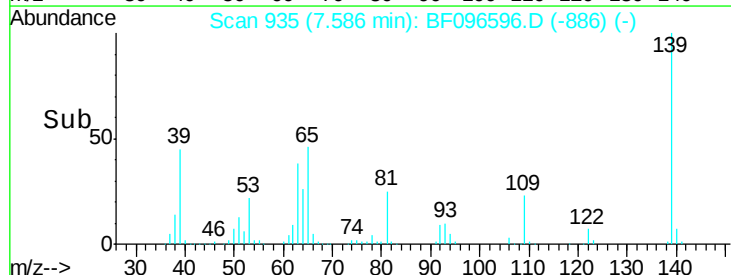
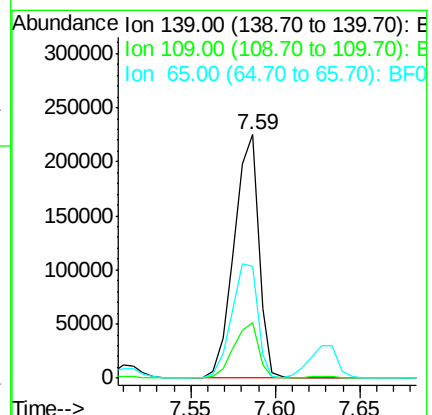
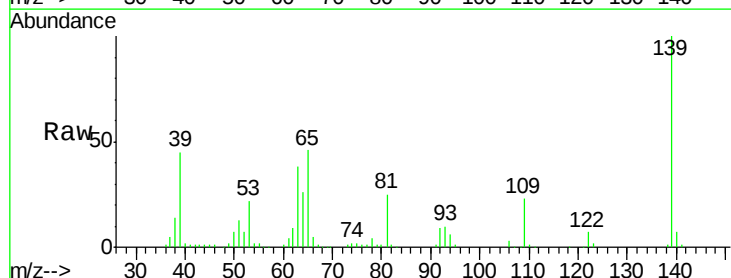
Tgt Ion: 139 Resp: 227590

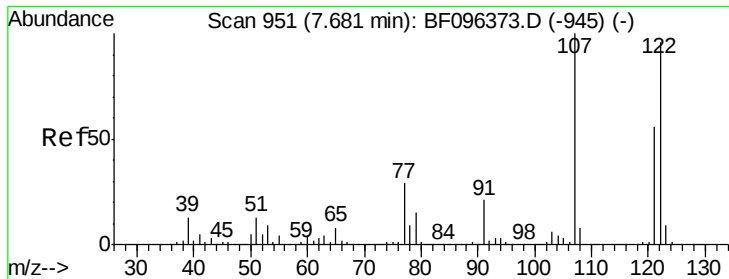
Ion Ratio Lower Upper

139 100

109 22.6 21.0 31.6

65 45.8 33.0 49.6

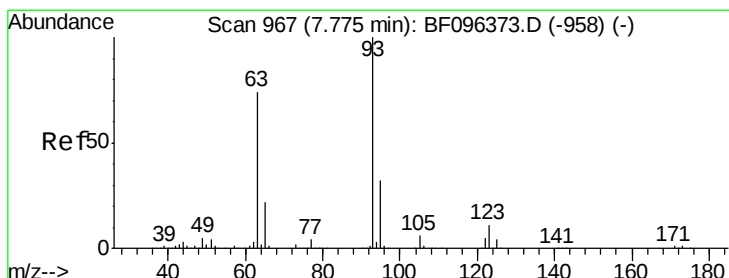
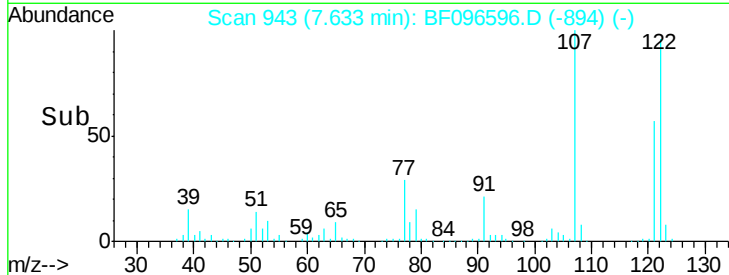
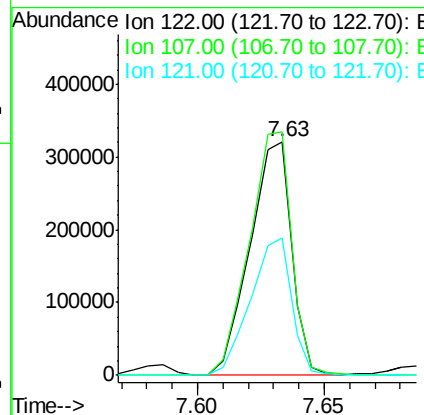
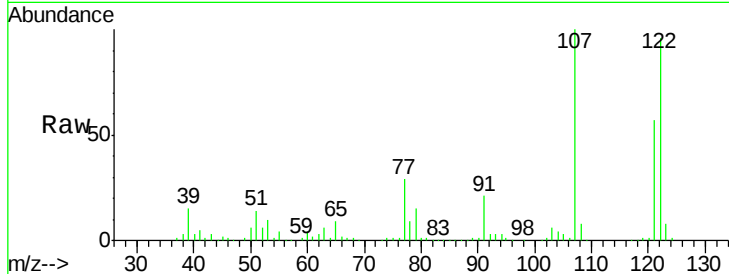




#27
 2,4-Dimethylphenol
 Concen: 43.59 ng
 RT: 7.63 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

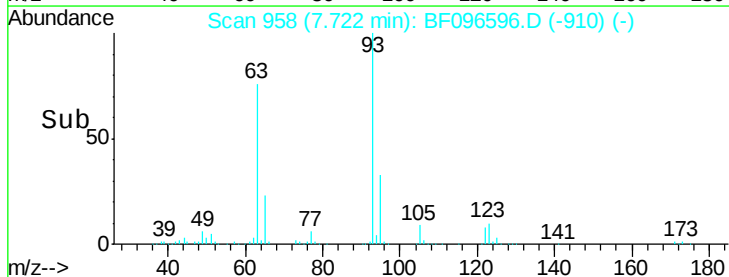
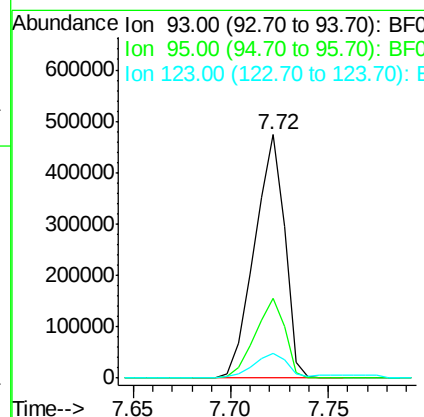
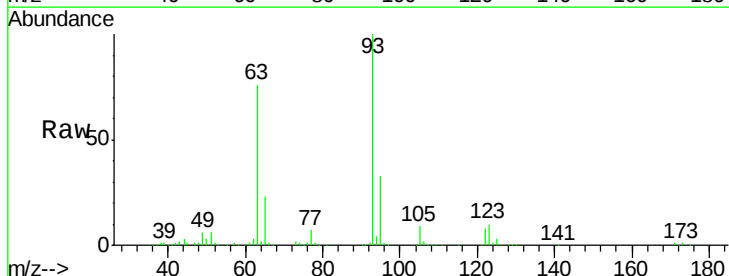
Instrument :
 BNA_F
 ClientSampled :

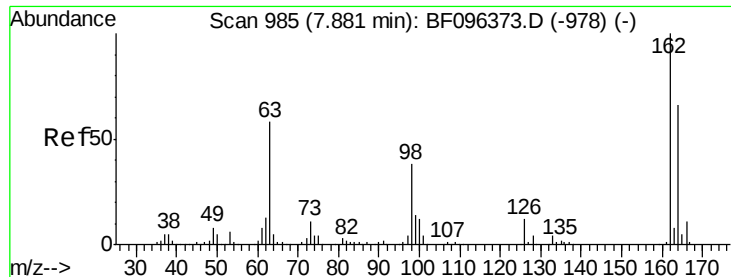
Tot Ion:122 Resp: 370823
 Ion Ratio Lower Upper
 122 100
 107 104.3 89.2 133.8
 121 59.1 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.04 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion: 93 Resp: 507114
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 10.4 9.0 13.4

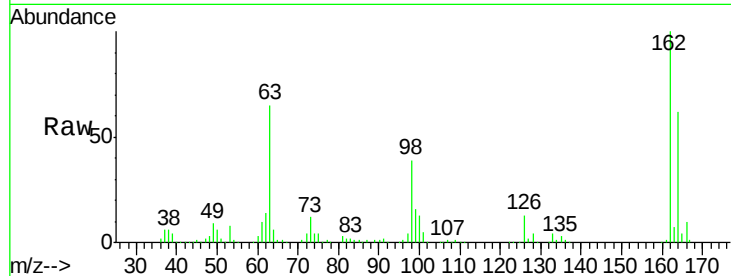




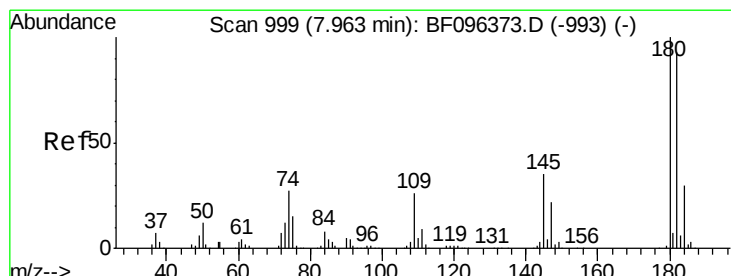
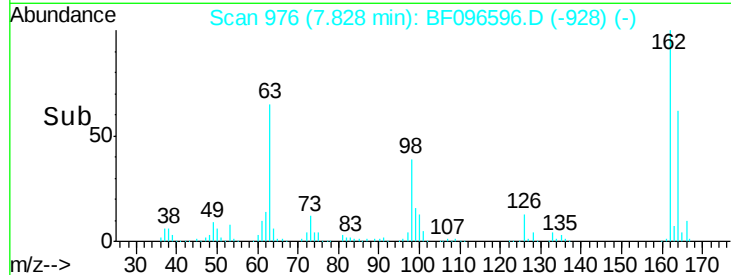
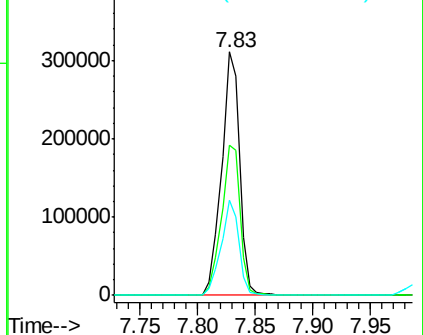
#29
2,4-Dichlorophenol
Concen: 46.21 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 339114
Ion Ratio Lower Upper
162 100
164 61.9 44.6 84.6
98 39.0 14.8 54.8

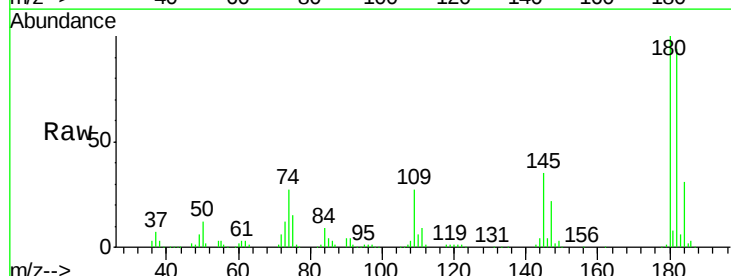


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

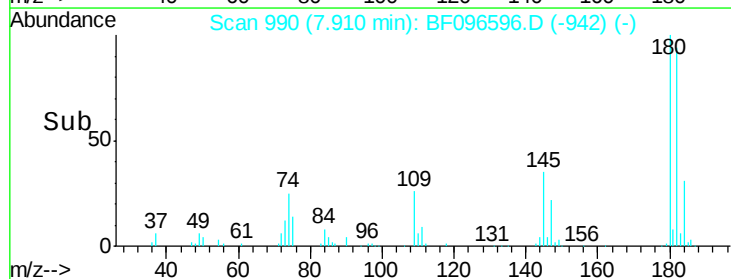
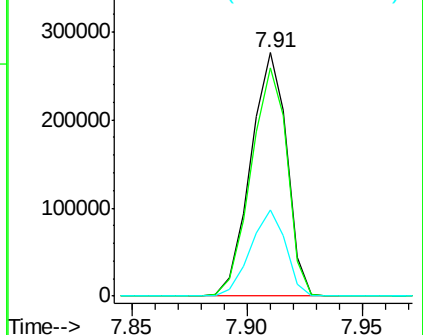


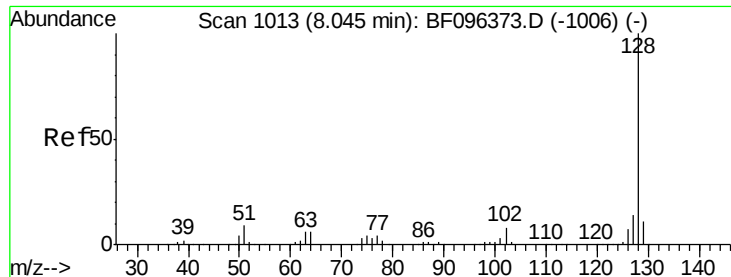
#30
1,2,4-Trichlorobenzene
Concen: 43.51 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion:180 Resp: 301196
Ion Ratio Lower Upper
180 100
182 93.6 75.8 113.6
145 35.4 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

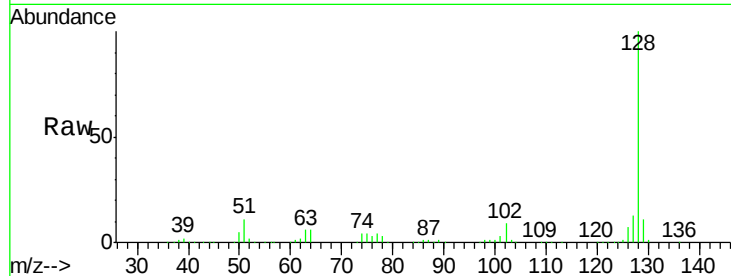




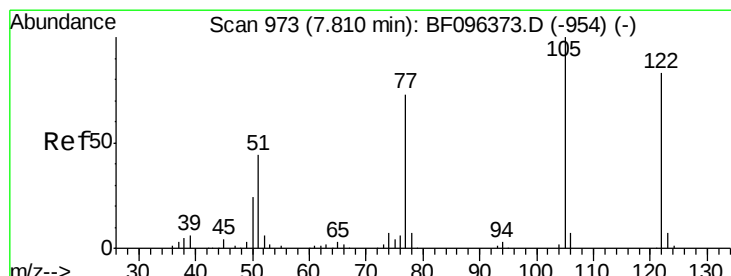
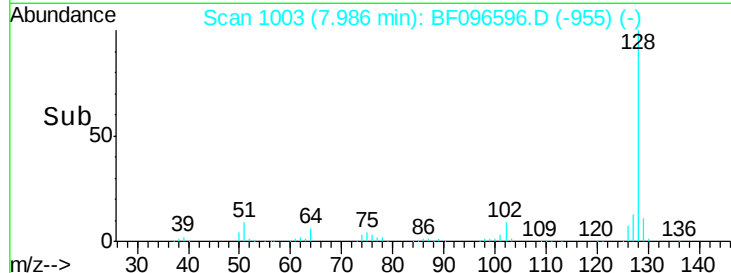
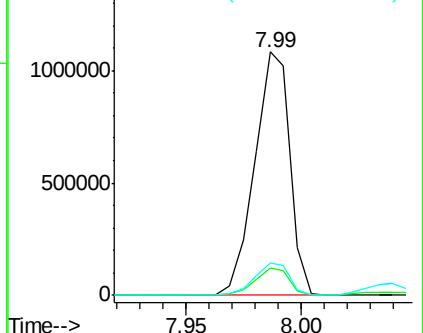
#31
Naphthalene
Concen: 45.07 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1150329
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2

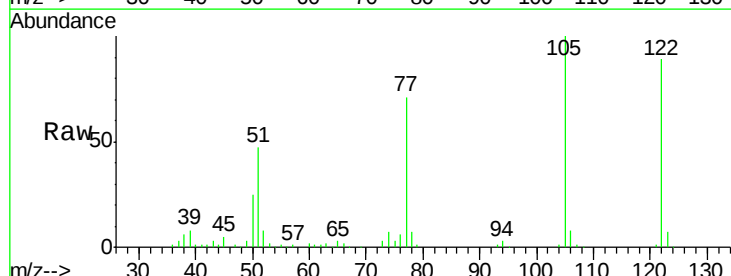


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

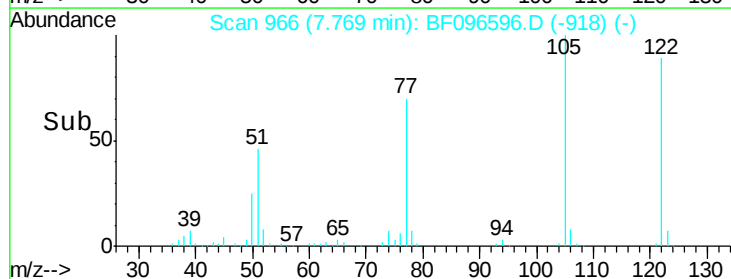
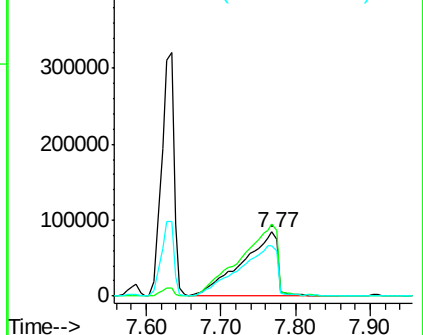


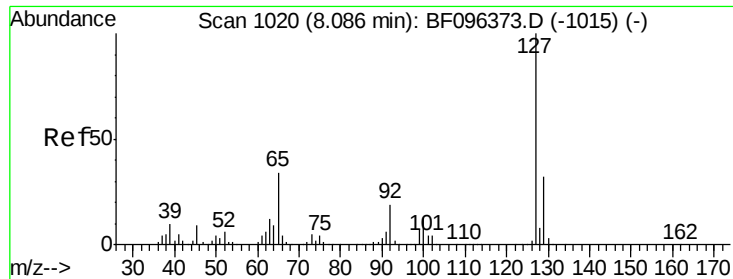
#32
Benzoic acid
Concen: 39.39 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion:122 Resp: 281386
Ion Ratio Lower Upper
122 100
105 111.9 103.3 143.3
77 79.7 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

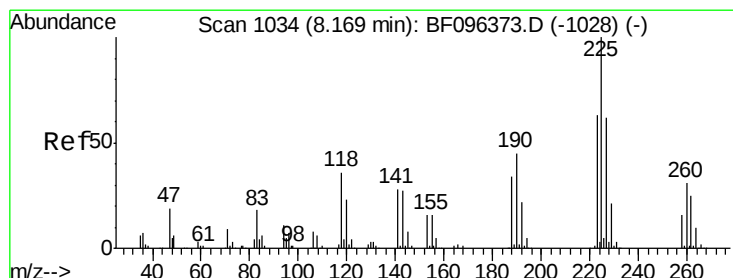
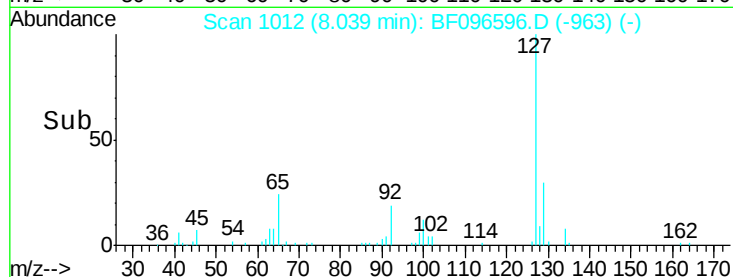
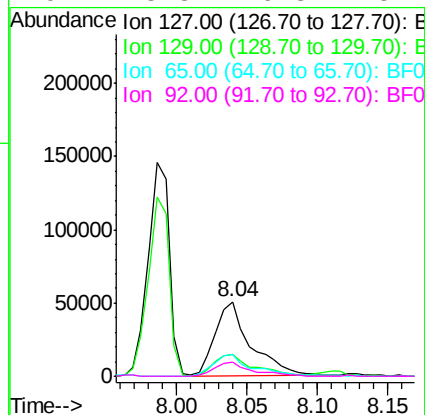
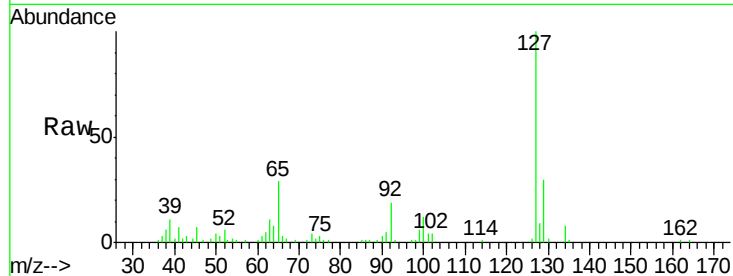




#33
4-Chloroaniline
Concen: 8.41 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

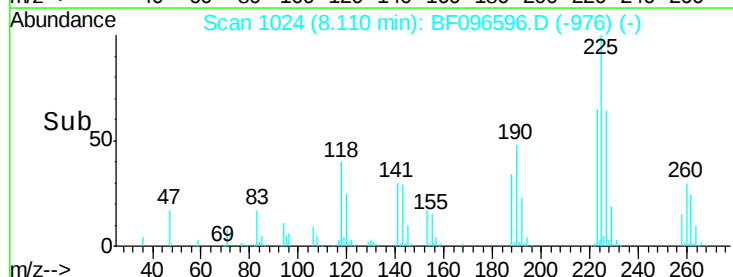
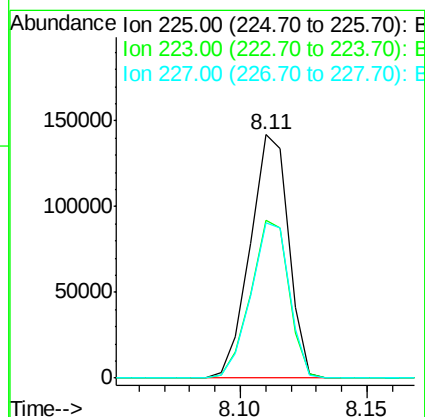
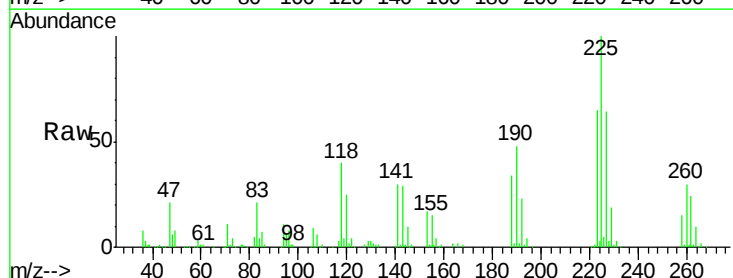
Instrument :
BNA_F
ClientSampled :

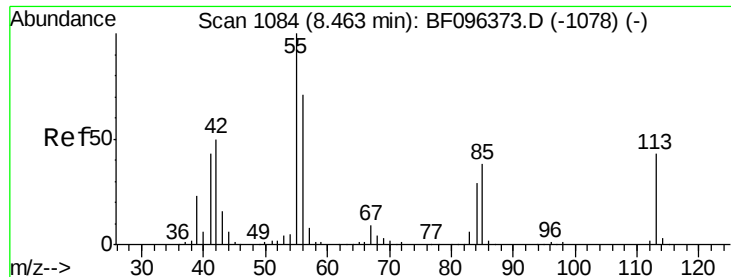
Tot Ion:	127	Resp:	89108
Ion	Ratio	Lower	Upper
127	100		
129	29.8	26.2	39.2
65	28.8	27.8	41.8
92	18.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.35 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion:	225	Resp:	150374
Ion	Ratio	Lower	Upper
225	100		
223	64.8	48.8	73.2
227	63.6	51.1	76.7

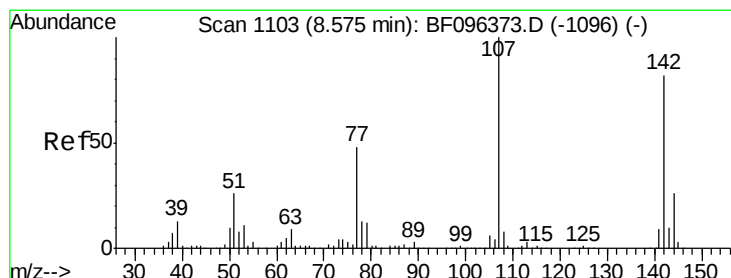
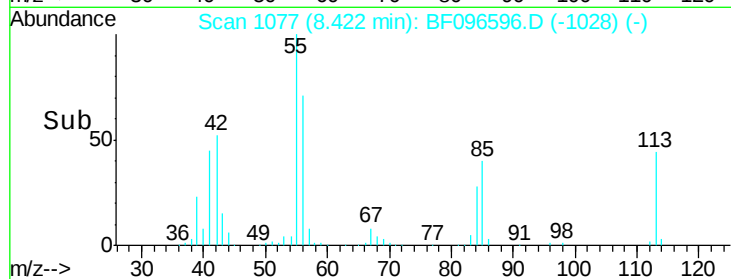
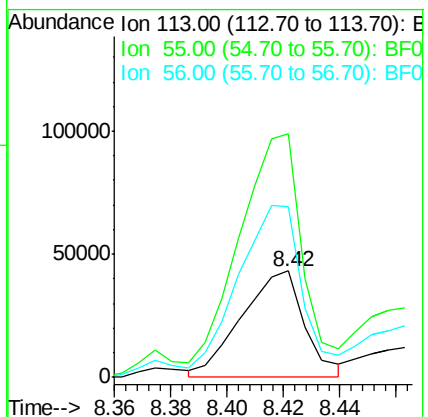
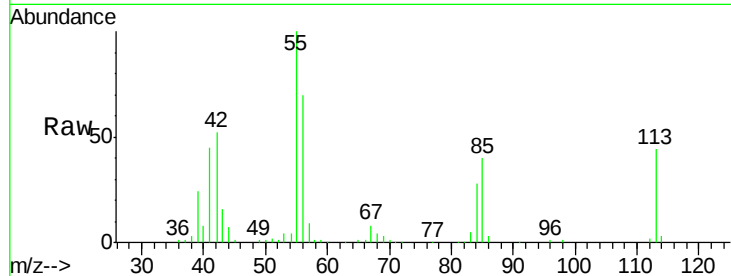




#35
Caprolactam
Concen: 26.38 ng
RT: 8.42 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

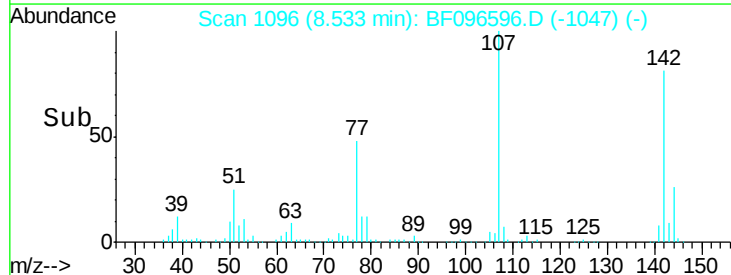
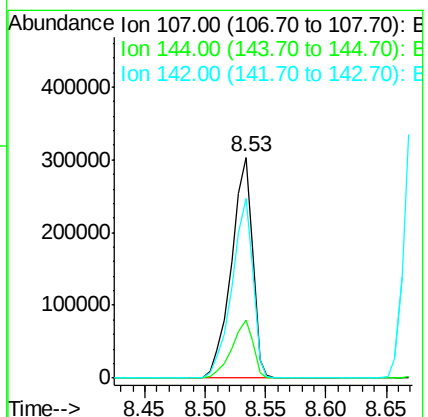
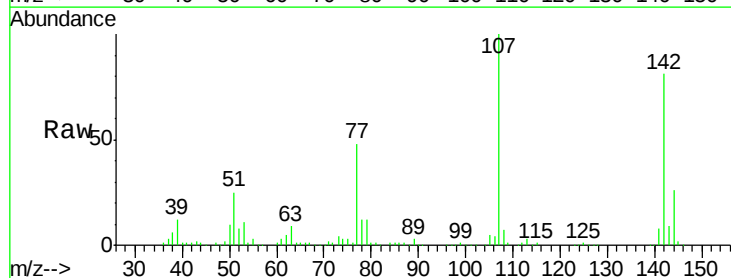
Instrument :
BNA_F
ClientSampleId :

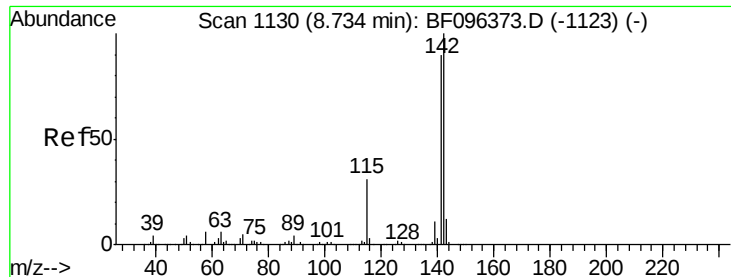
Tot Ion:113 Resp: 66760
Ion Ratio Lower Upper
113 100
55 228.8 150.2 190.2#
56 160.8 107.8 147.8#



#36
4-Chloro-3-methylphenol
Concen: 46.05 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion:107 Resp: 373982
Ion Ratio Lower Upper
107 100
144 26.2 24.2 36.4
142 81.2 73.4 110.0

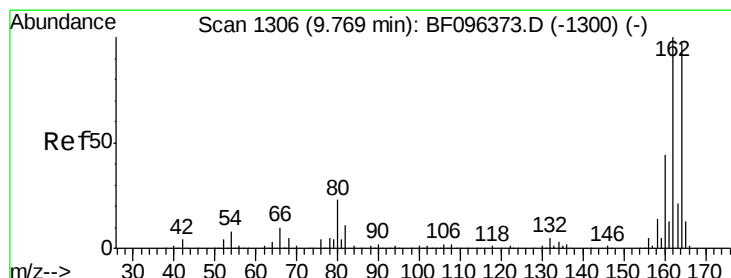
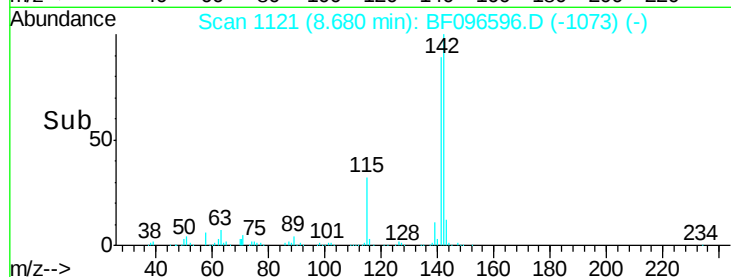
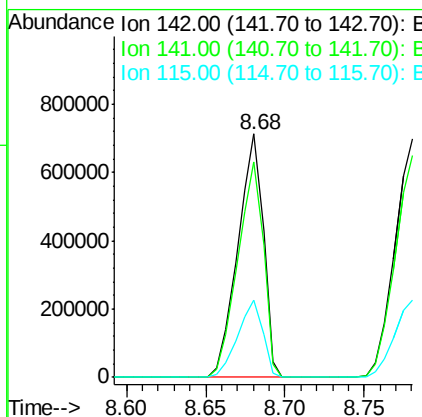
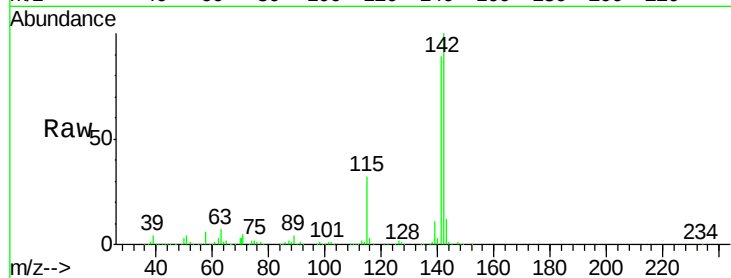




#37
2-Methylnaphthalene
Concen: 48.77 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

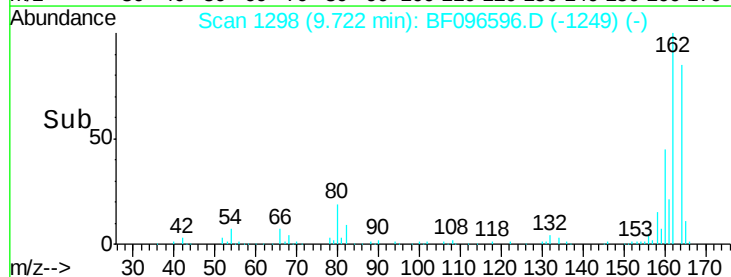
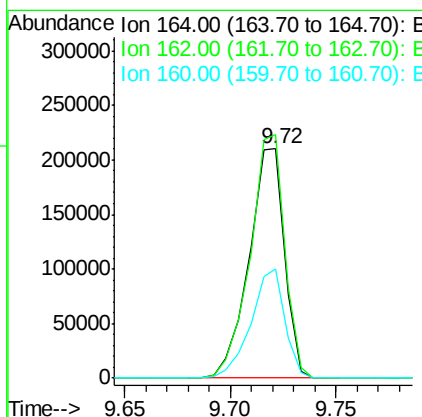
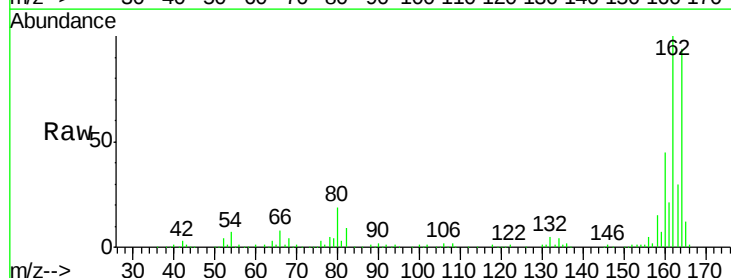
Instrument :
BNA_F
ClientSampleId :

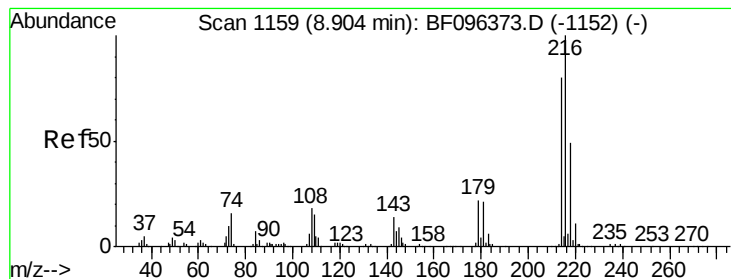
Tot Ion:142 Resp: 792395
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9
115 31.9 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion:164 Resp: 245779
Ion Ratio Lower Upper
164 100
162 106.3 82.6 123.8
160 47.8 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.94 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF096596.D

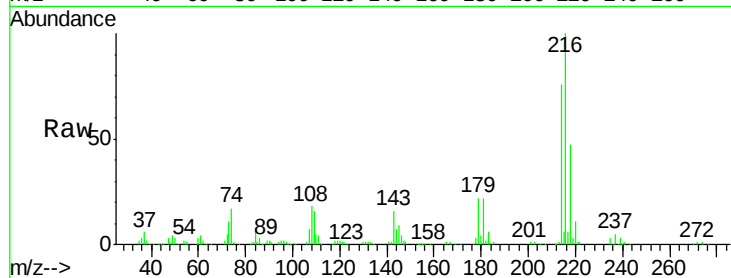
Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	254862
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	22.3	17.9	26.9
108	23.7	16.5	24.7

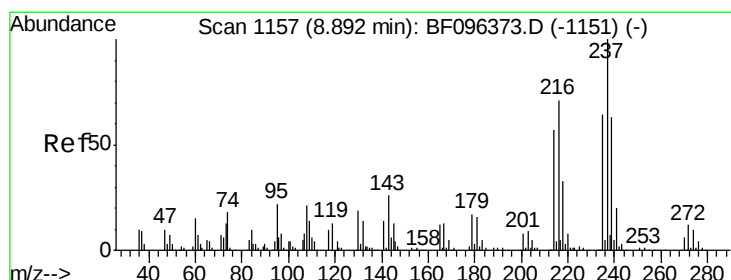
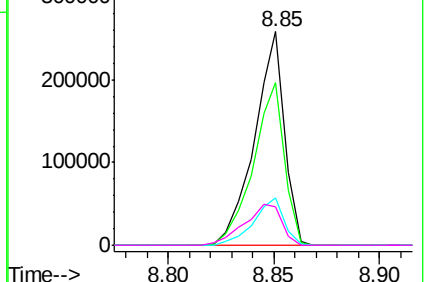
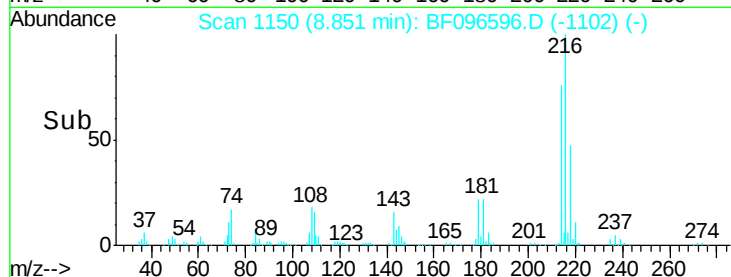


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.56 ng

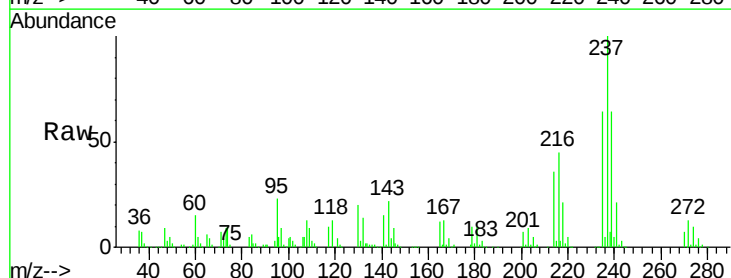
RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

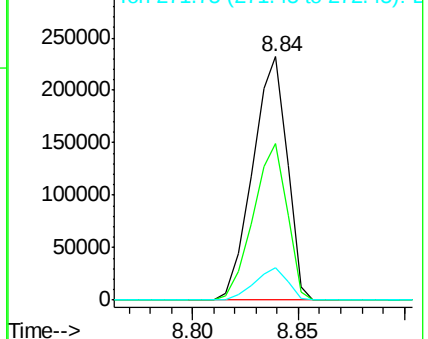
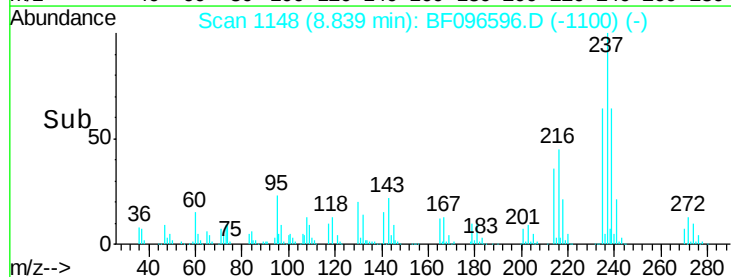
Tgt Ion:	237	Resp:	262375
Ion	Ratio	Lower	Upper
237	100		
235	64.2	42.6	82.6
272	13.4	0.0	31.9

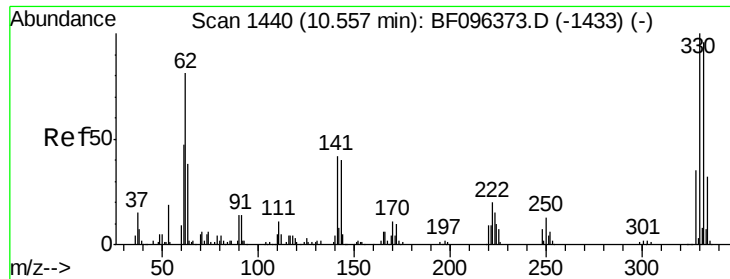


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

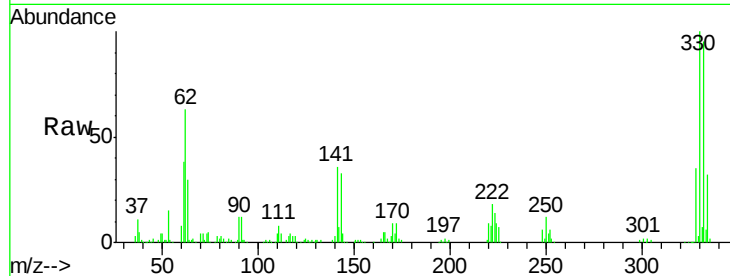




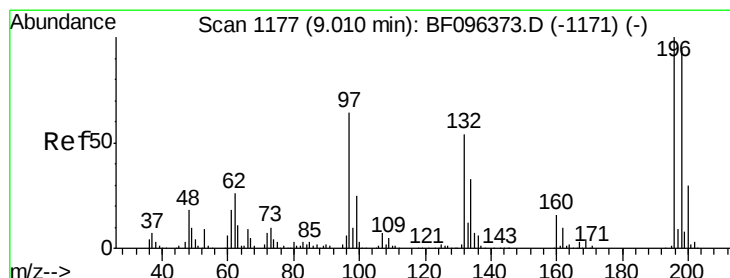
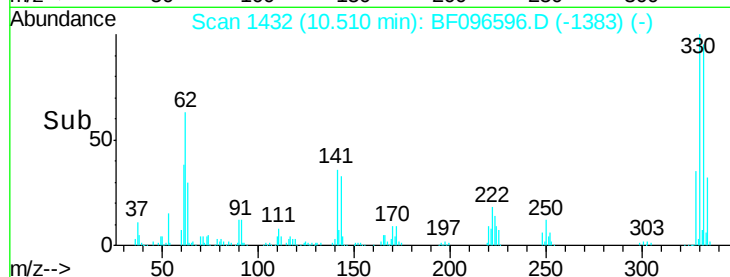
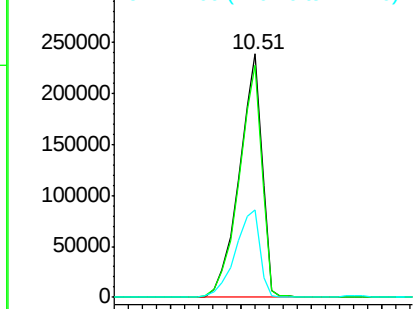
#41
 2,4,6-Tribromophenol
 Concen: 139.61 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 268024
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 38.8 31.4 47.2

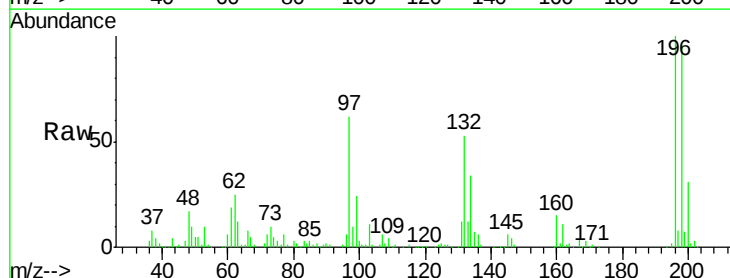


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

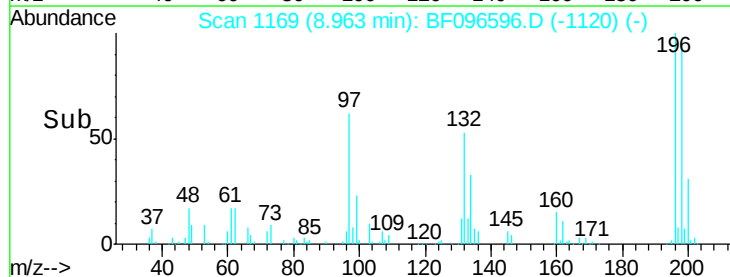
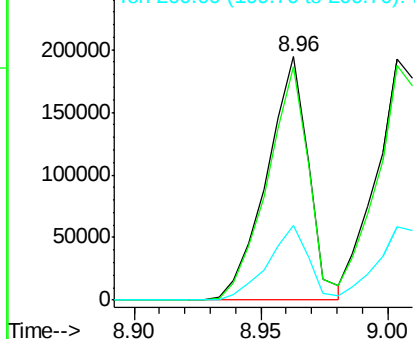


#42
 2,4,6-Trichlorophenol
 Concen: 44.10 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion:196 Resp: 222657
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.2 111.4
 200 30.6 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

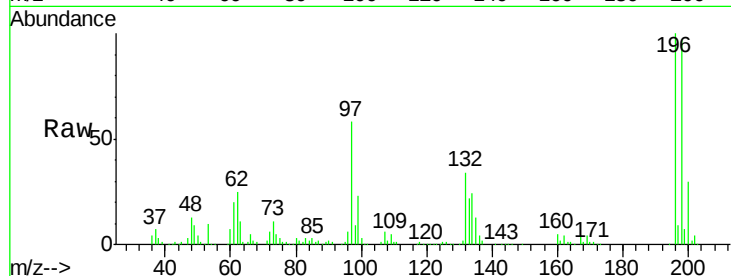




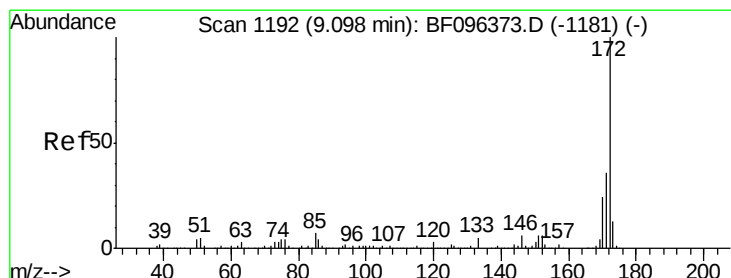
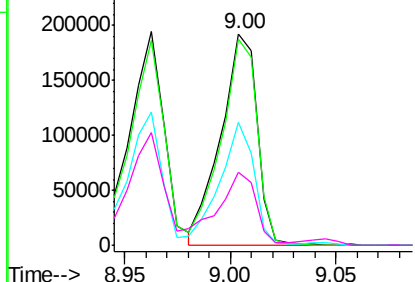
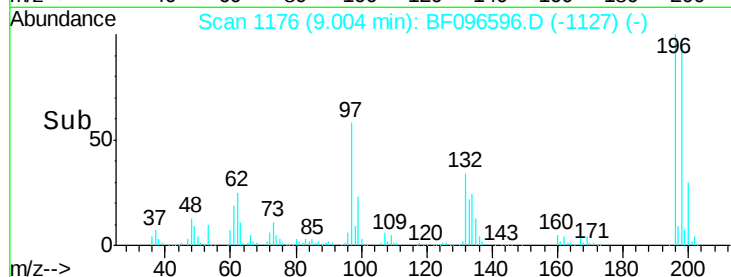
#43
 2,4,5-Trichlorophenol
 Concen: 45.77 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 228450
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.7 113.5
 97 58.0 47.7 71.5
 132 34.5 28.0 42.0

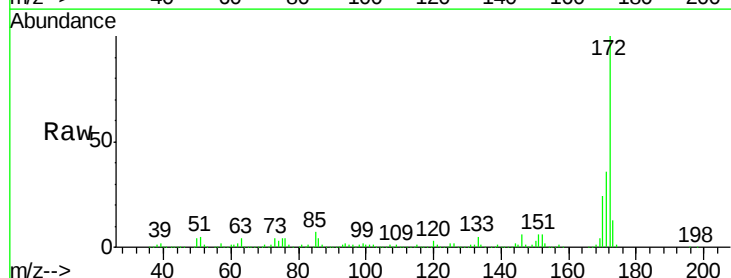


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

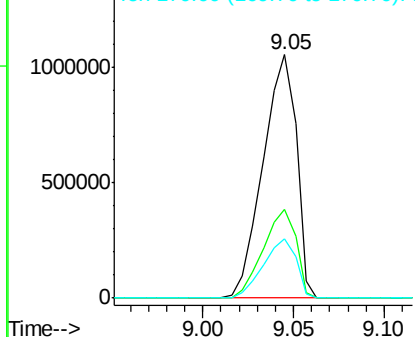
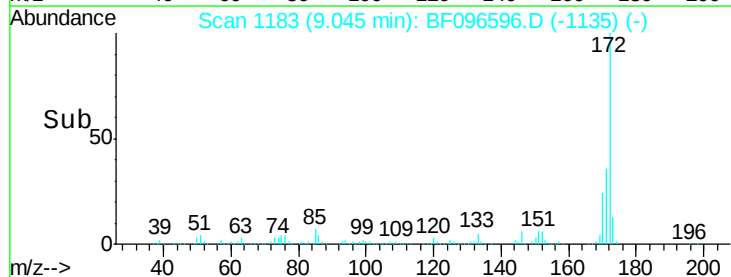


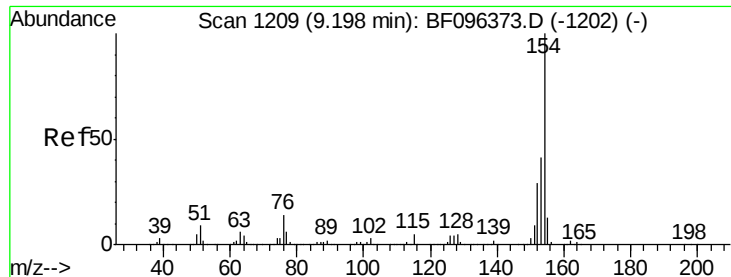
#44
 2-Fluorobiphenyl
 Concen: 93.80 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion:172 Resp: 1348424
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.1 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 41.69 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampleId :

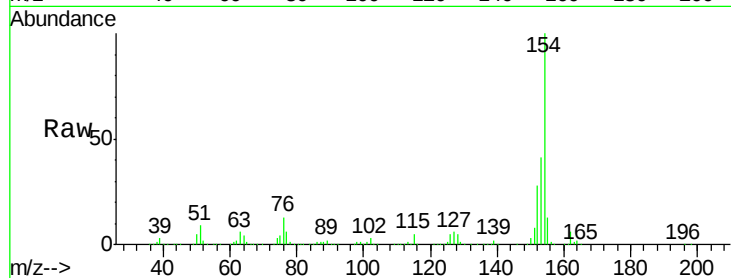
Tot Ion:154 Resp: 877943

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

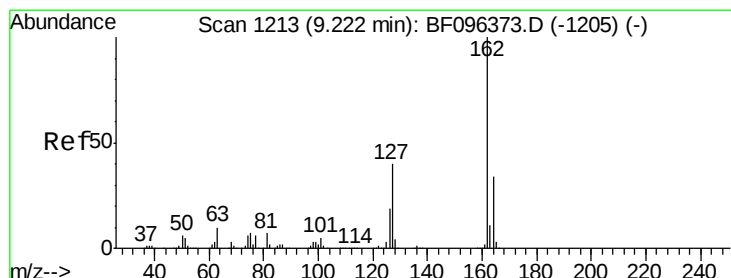
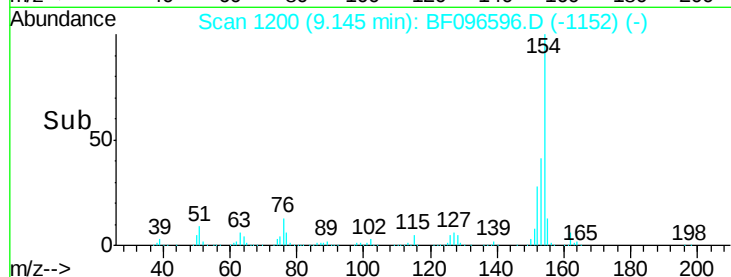
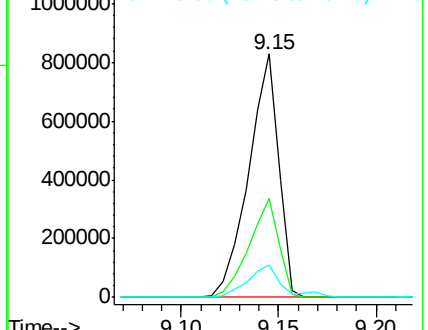
76 13.2 0.0 29.9



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: 43.44 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

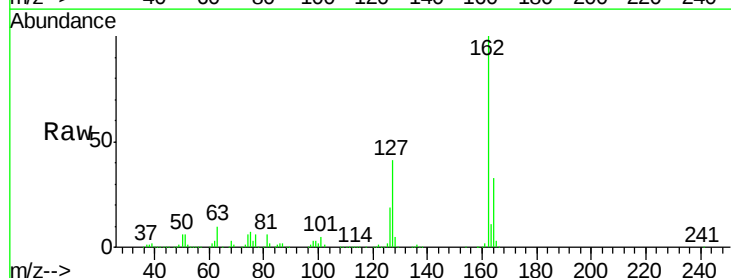
Tgt Ion:162 Resp: 681705

Ion Ratio Lower Upper

162 100

127 41.4 28.3 42.5

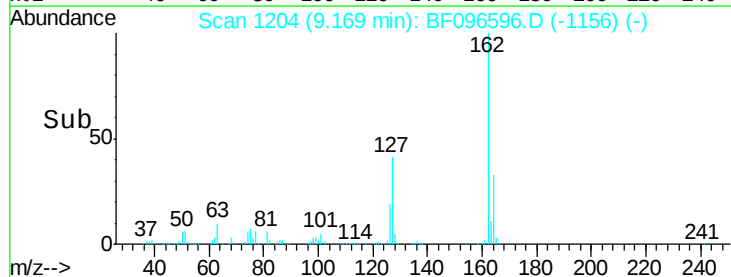
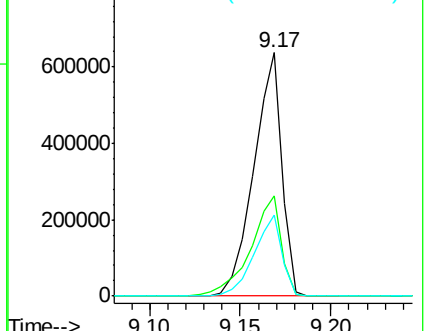
164 33.4 27.0 40.4

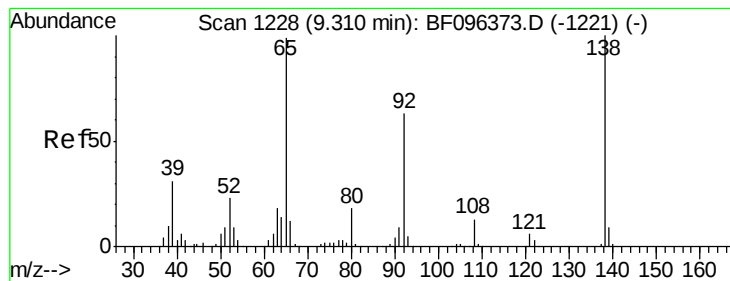


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.88 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampleId :

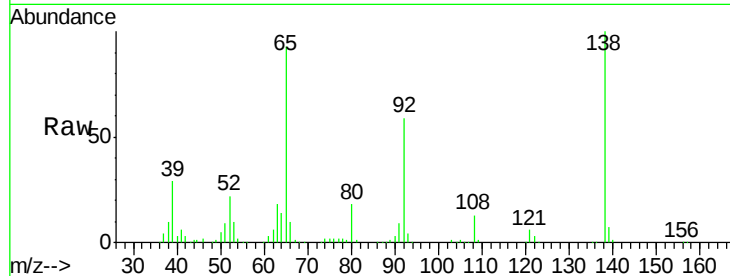
Tot Ion: 65 Resp: 262004

Ion Ratio Lower Upper

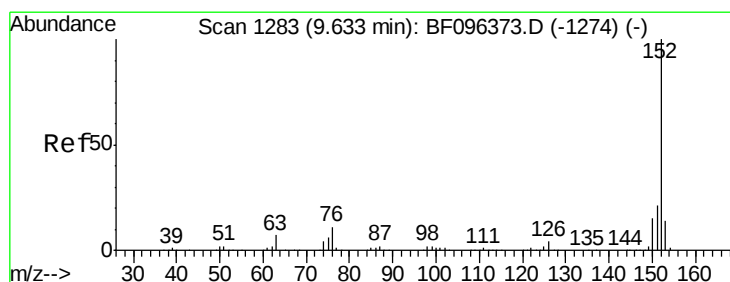
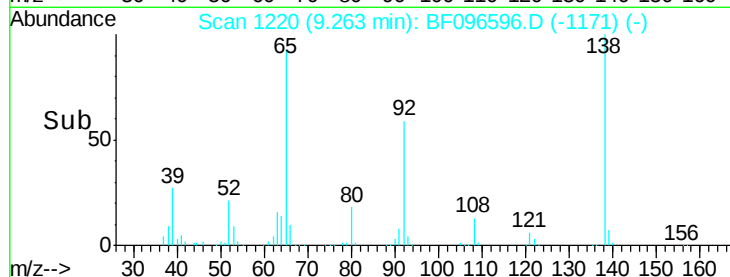
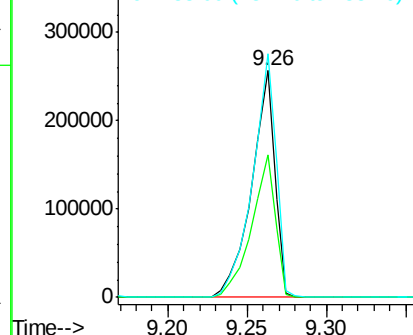
65 100

92 62.9 53.9 80.9

138 107.4 78.8 118.2



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



#48

Acenaphthylene

Concen: 44.43 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

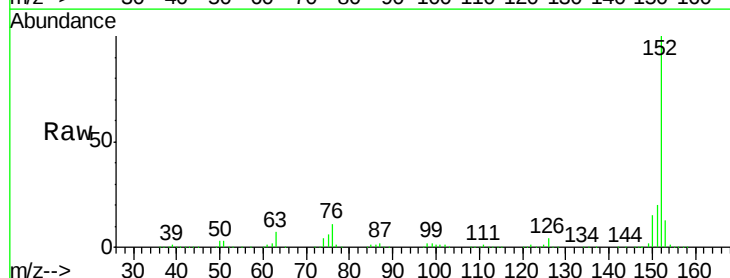
Tgt Ion: 152 Resp: 1104770

Ion Ratio Lower Upper

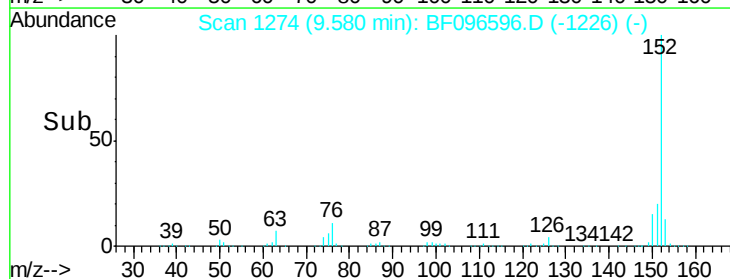
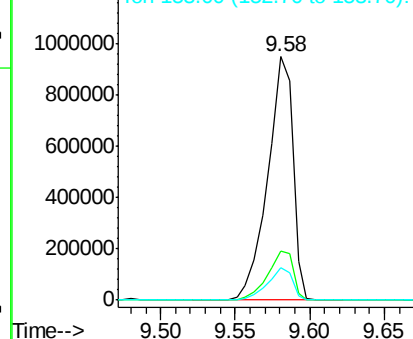
152 100

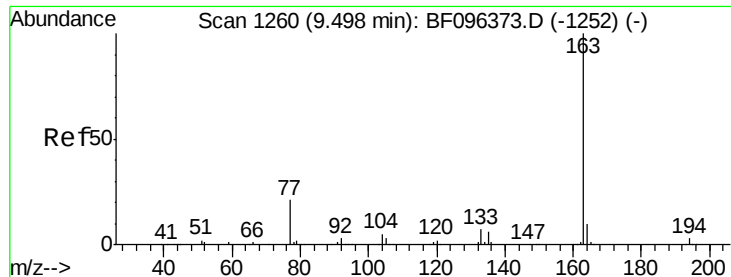
151 20.4 16.8 25.2

153 13.1 10.8 16.2



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

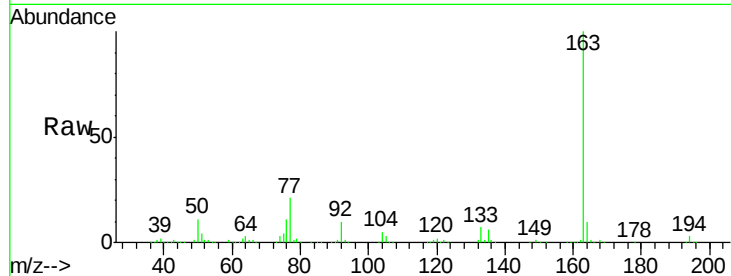




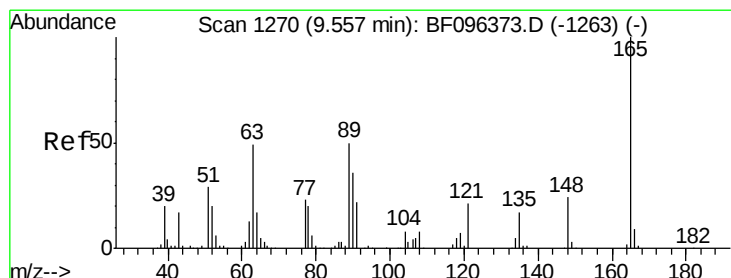
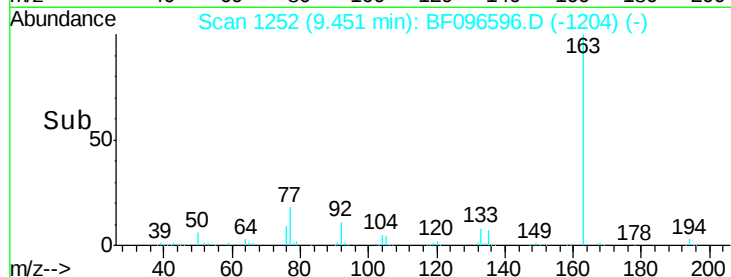
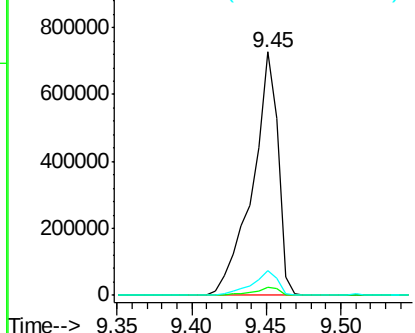
#49
Dimethylphthalate
Concen: 46.77 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 858193
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 8.4 12.6

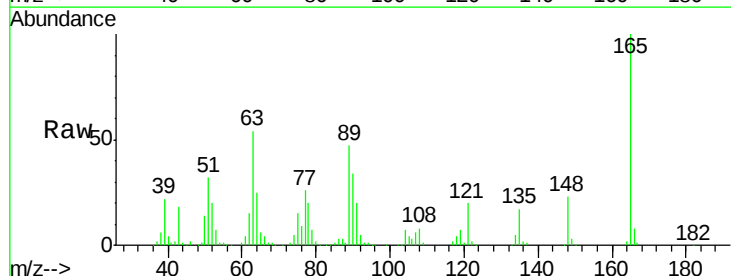


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

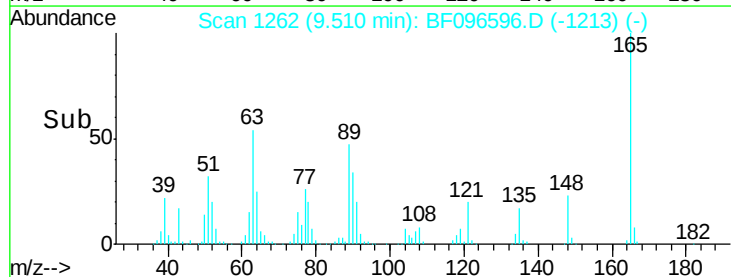
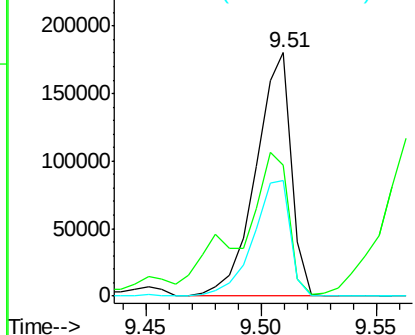


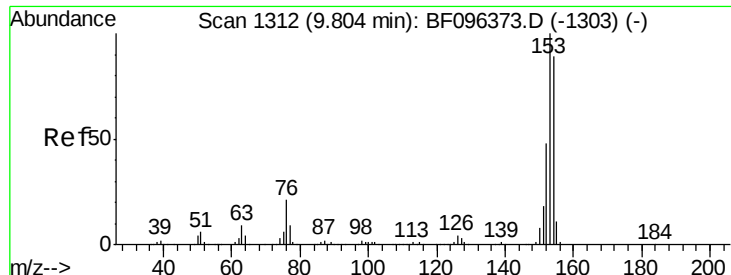
#50
2,6-Dinitrotoluene
Concen: 47.42 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion:165 Resp: 192382
Ion Ratio Lower Upper
165 100
63 53.7 34.3 51.5#
89 47.5 37.1 55.7



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

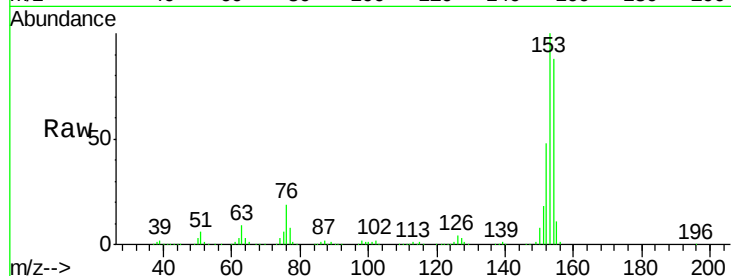




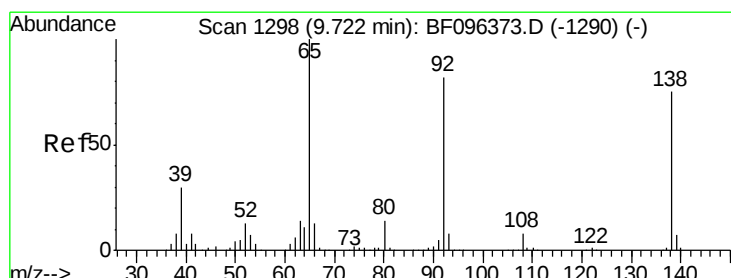
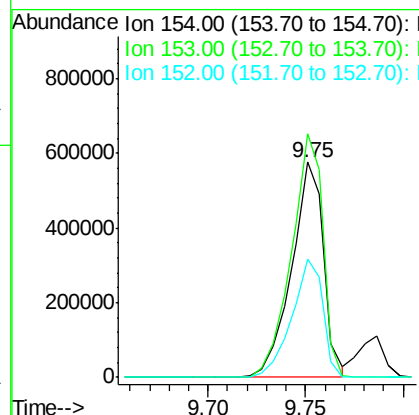
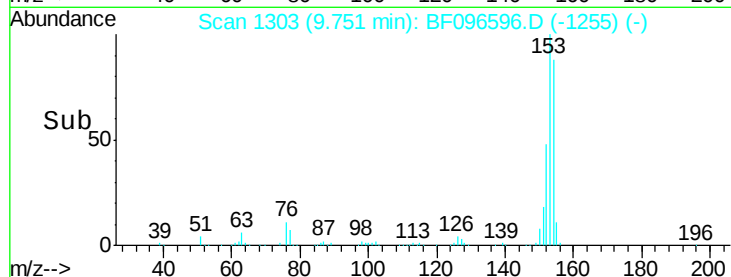
#51
Acenaphthene
Concen: 42.32 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 648768
Ion Ratio Lower Upper
154 100
153 113.3 90.5 135.7
152 54.9 43.6 65.4

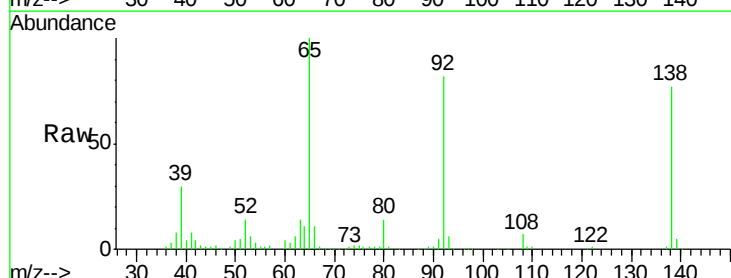


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

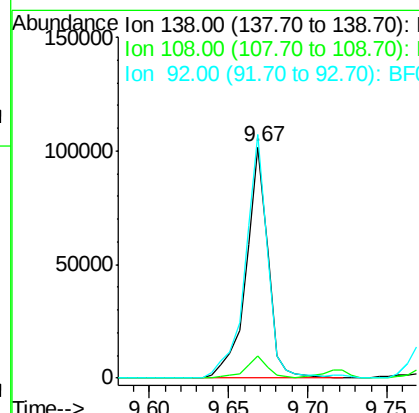
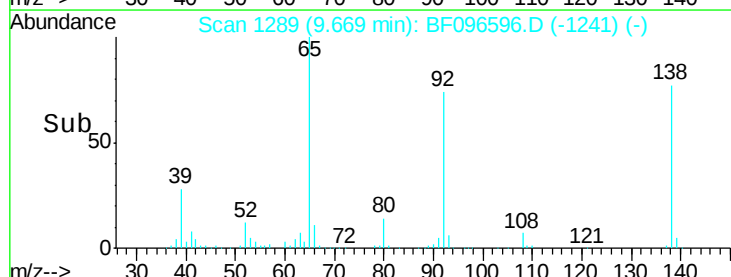


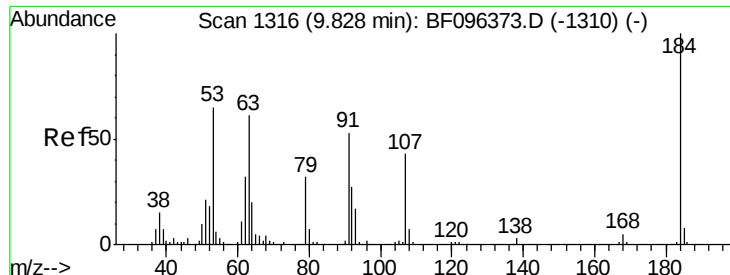
#52
3-Nitroaniline
Concen: 19.03 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion:138 Resp: 96291
Ion Ratio Lower Upper
138 100
108 9.6 9.1 13.7
92 105.4 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

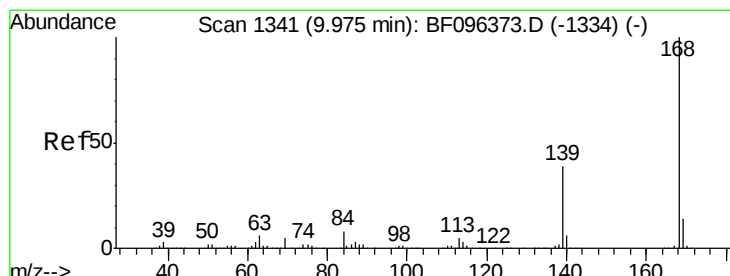
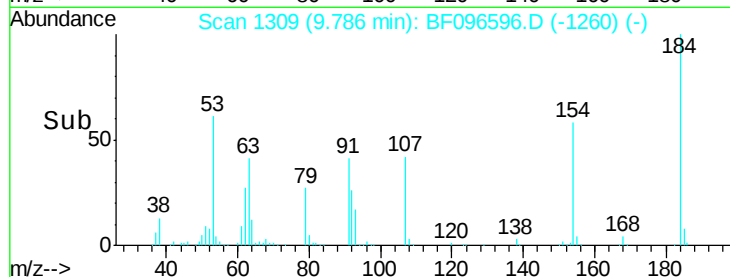
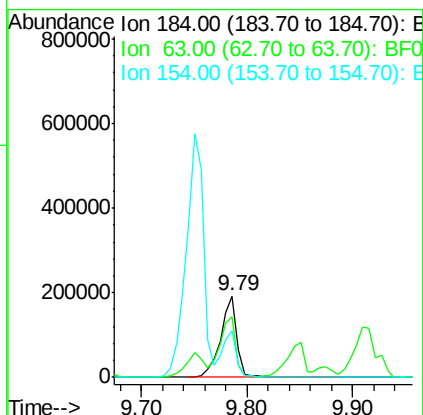
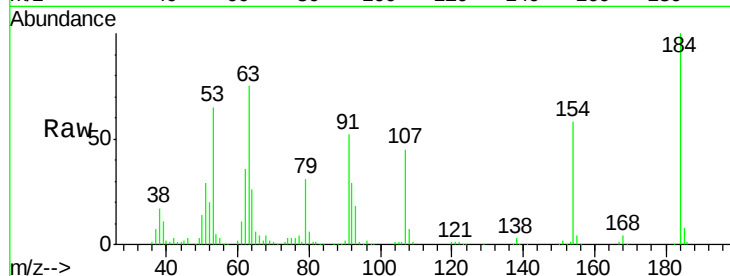




#53
2,4-Dinitrophenol
Concen: 96.42 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

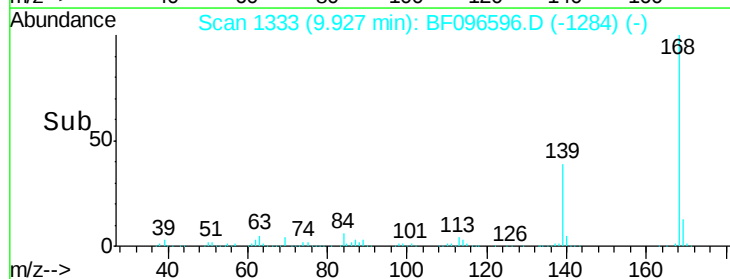
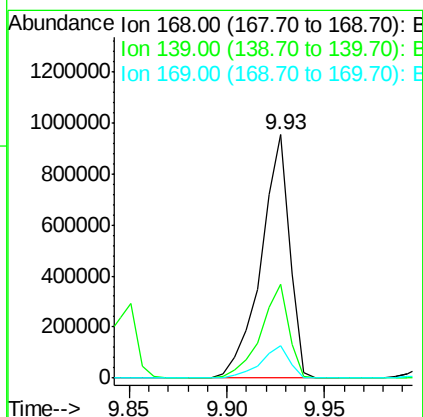
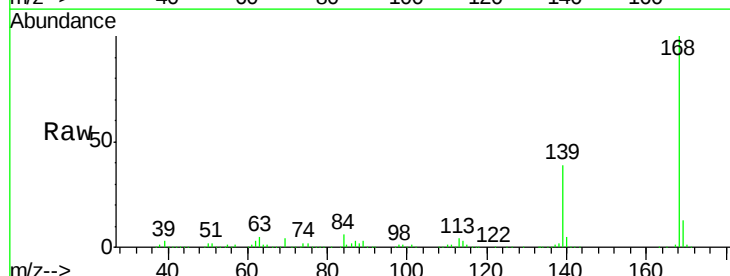
Instrument :
BNA_F
ClientSampleId :

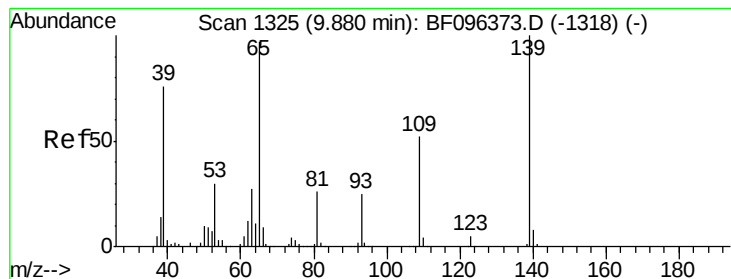
Tot Ion:184 Resp: 207775
Ion Ratio Lower Upper
184 100
63 75.3 62.7 94.1
154 57.7 81.1 121.7#



#54
Dibenzofuran
Concen: 47.74 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion:168 Resp: 966073
Ion Ratio Lower Upper
168 100
139 38.8 30.6 45.8
169 13.4 10.8 16.2





#55

4-Nitrophenol

Concen: 75.95 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampled :

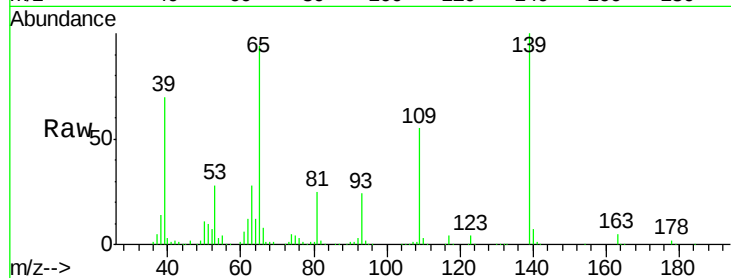
Tot Ion:139 Resp: 318552

Ion Ratio Lower Upper

139 100

109 54.8 34.1 74.1

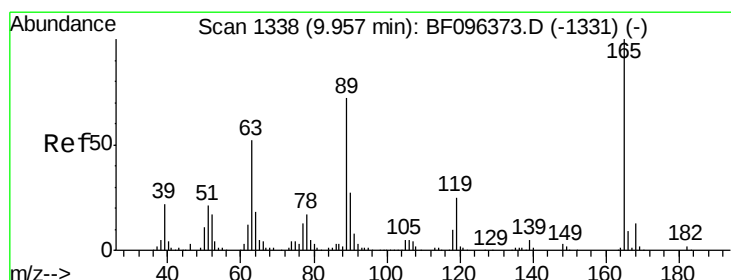
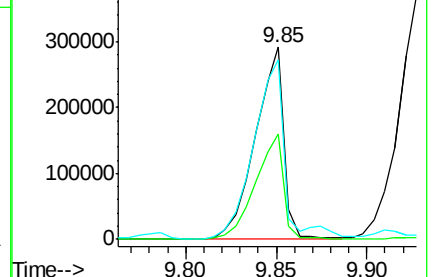
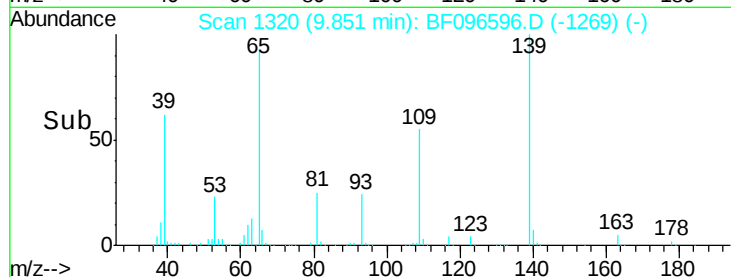
65 93.9 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.17 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Tgt Ion:165 Resp: 252633

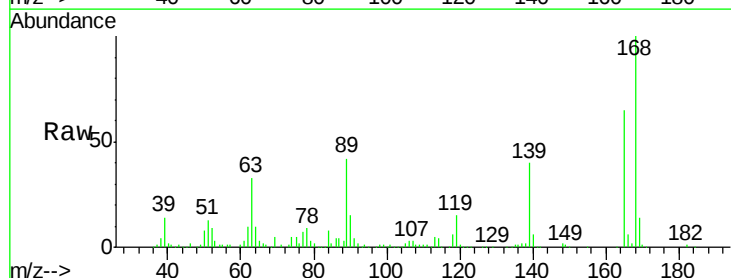
Ion Ratio Lower Upper

165 100

63 50.8 25.4 38.0#

89 64.2 46.4 69.6

182 2.2 1.8 2.6

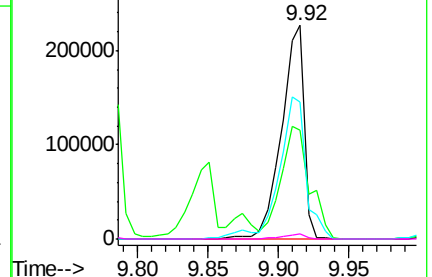
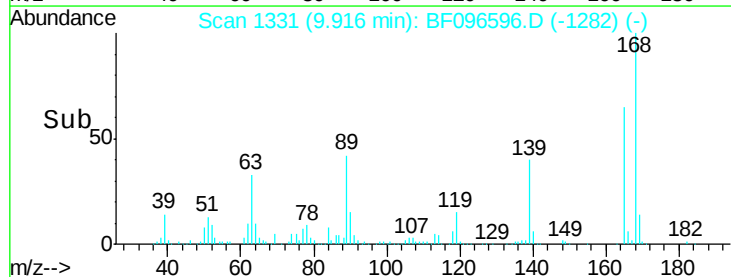


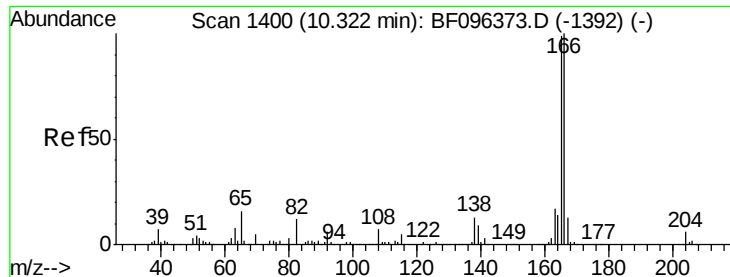
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

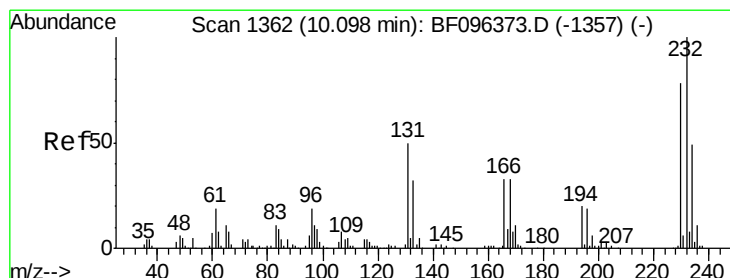
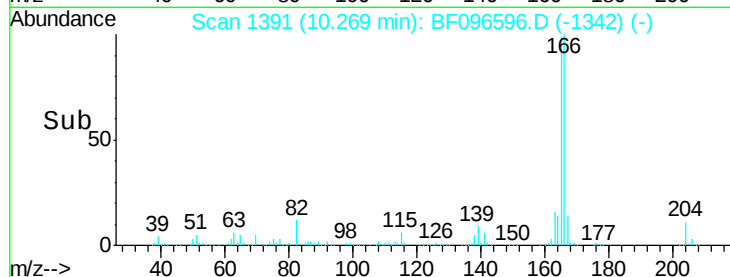
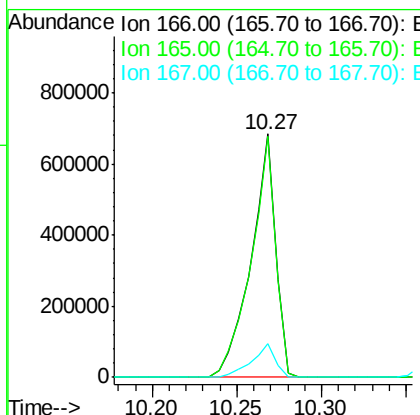
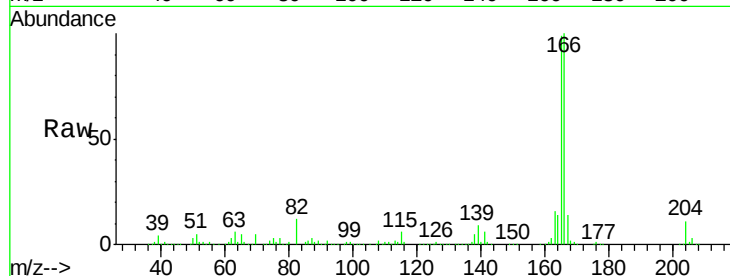




#57
 Fluorene
 Concen: 49.00 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

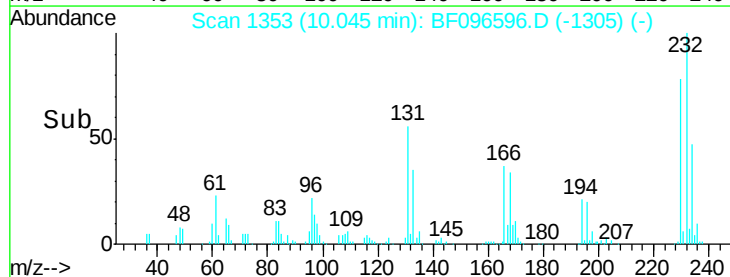
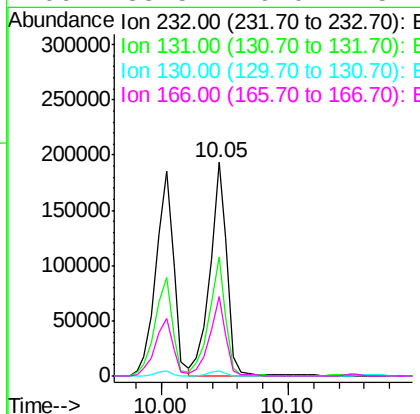
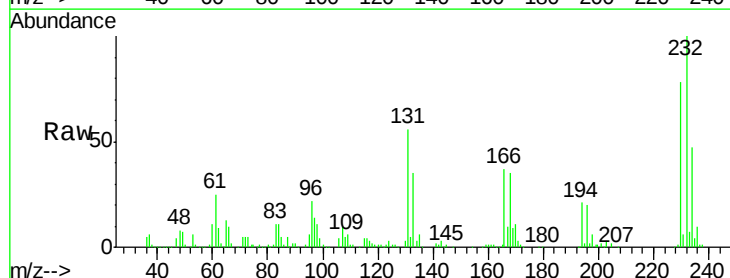
Instrument :
 BNA_F
 ClientSampleId :

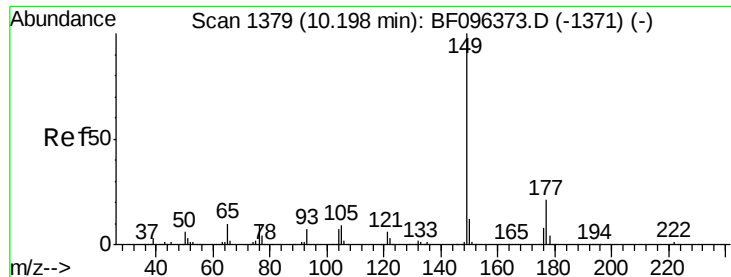
Tot Ion:166 Resp: 700361
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.8 118.2
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.38 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion:232 Resp: 180904
 Ion Ratio Lower Upper
 232 100
 131 53.5 44.8 67.2
 130 2.4 2.3 3.5
 166 35.5 29.0 43.4

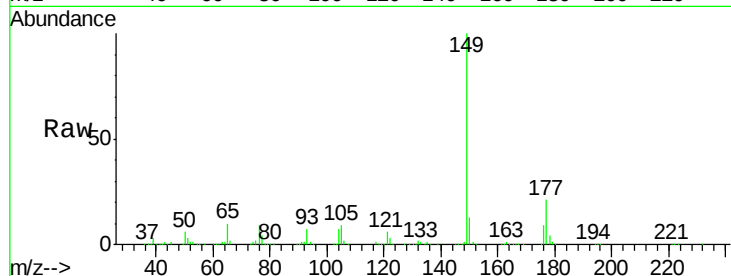




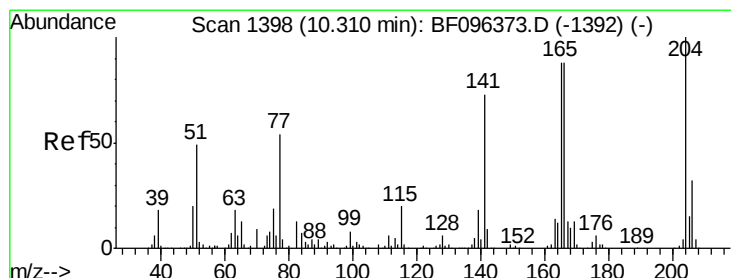
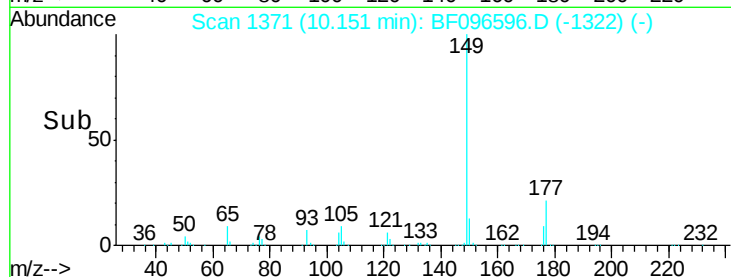
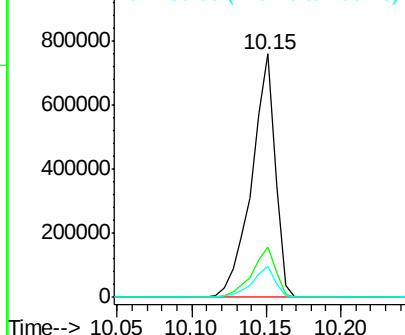
#59
Diethylphthalate
Concen: 47.50 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 823781
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.7 10.2 15.2

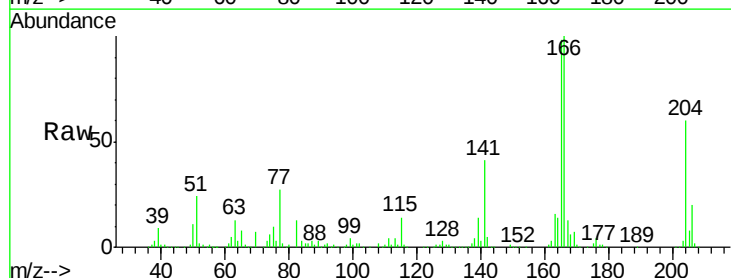


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

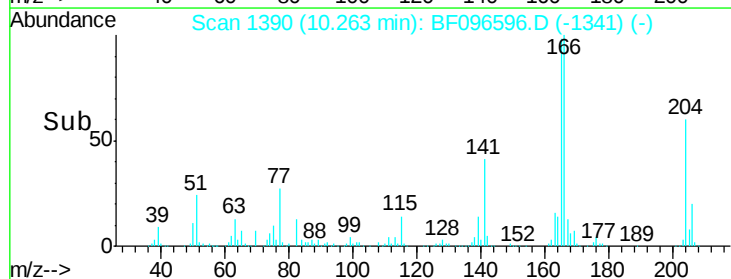
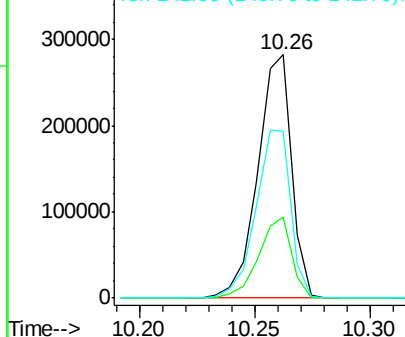


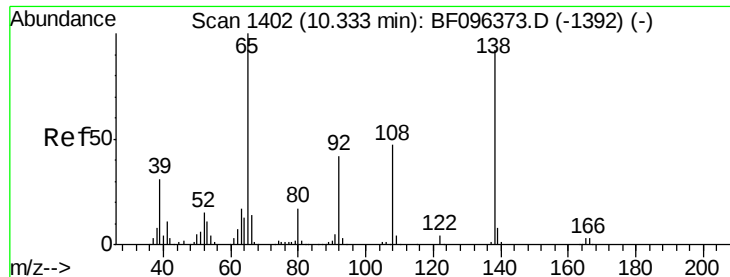
#60
4-Chlorophenyl-phenylether
Concen: 46.32 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion:204 Resp: 288041
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 68.5 60.8 91.2



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





#61

4-Nitroaniline

Concen: 42.08 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampleId :

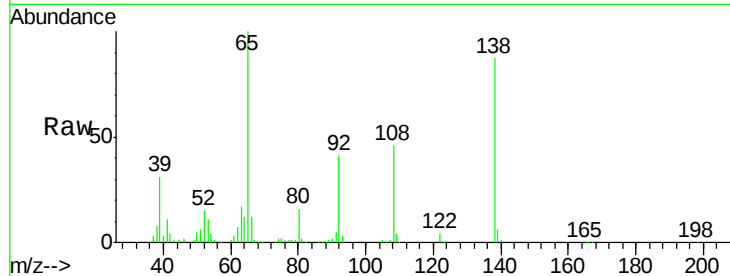
Tot Ion:138 Resp: 193638

Ion Ratio Lower Upper

138 100

92 46.8 21.8 61.8

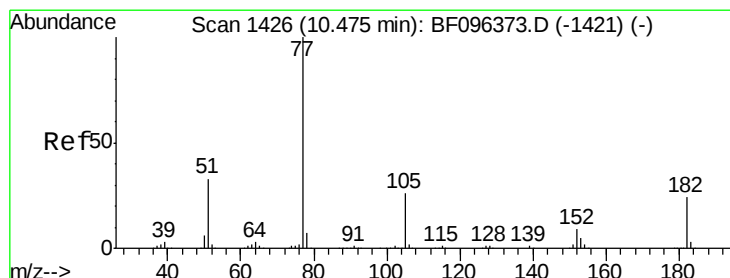
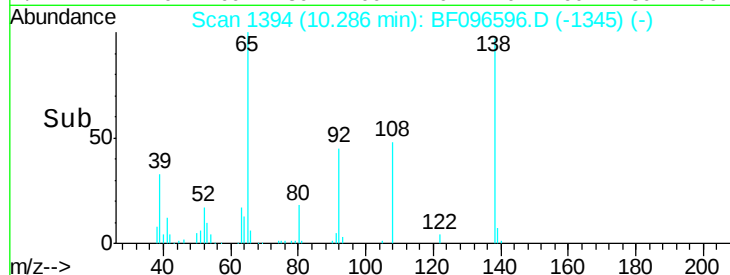
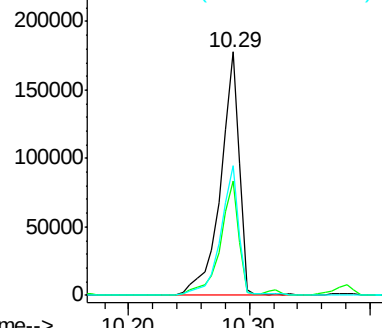
108 53.4 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.44 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Tgt Ion: 77 Resp: 795564

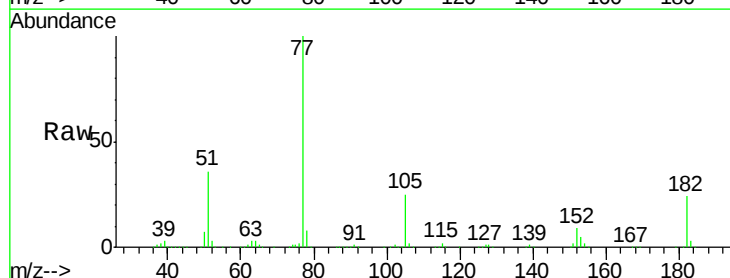
Ion Ratio Lower Upper

77 100

182 23.6 0.1 40.1

105 25.1 3.6 43.6

51 35.8 9.4 49.4

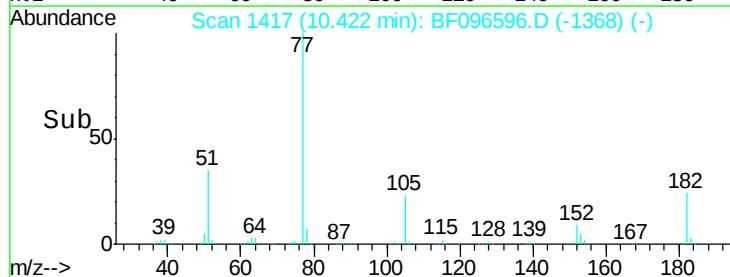
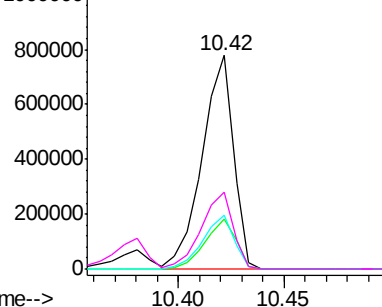


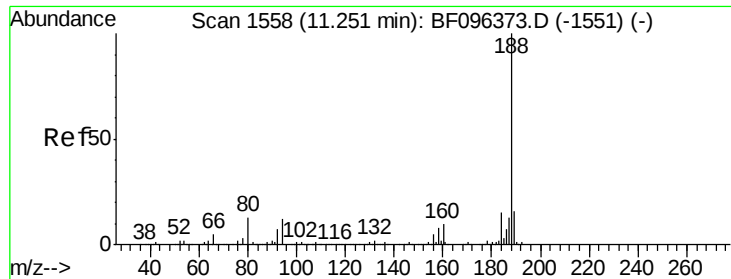
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

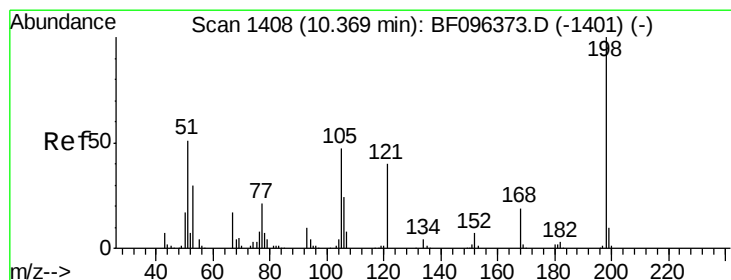
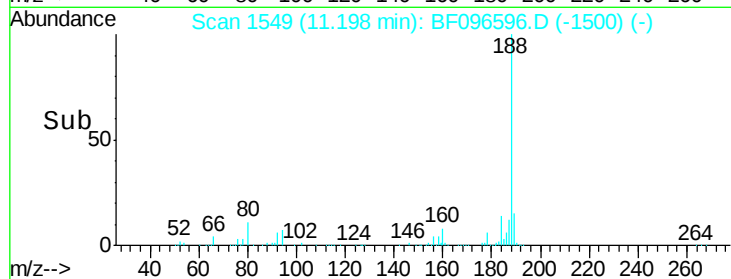
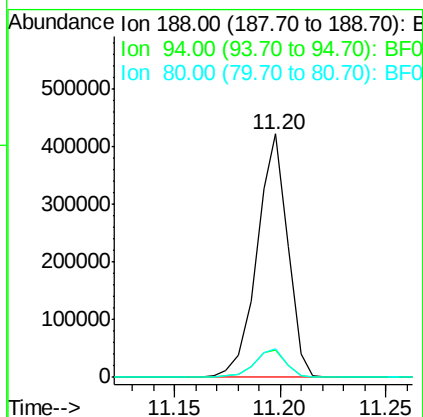
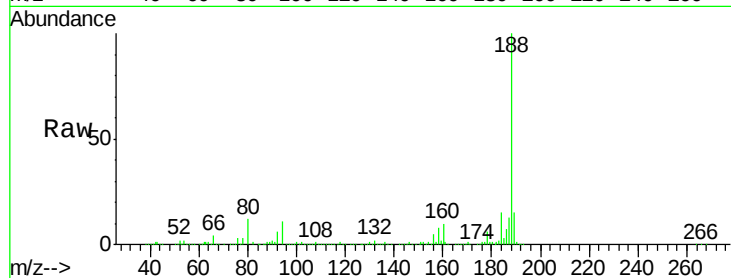




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

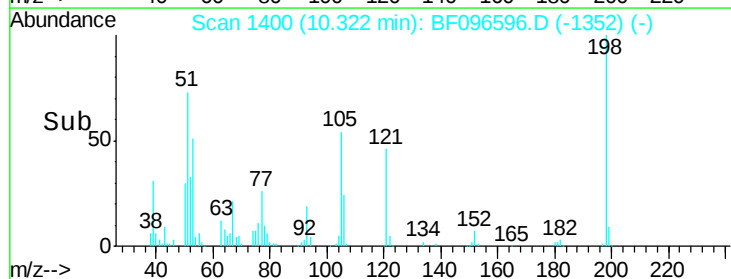
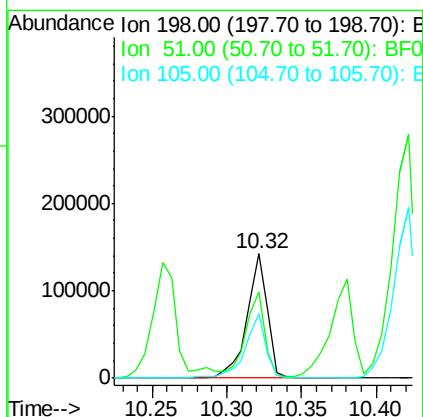
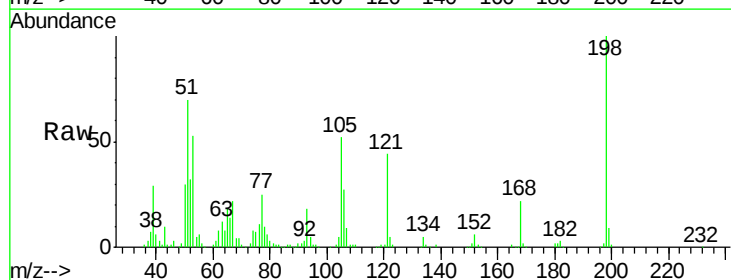
Instrument :
BNA_F
ClientSampled :

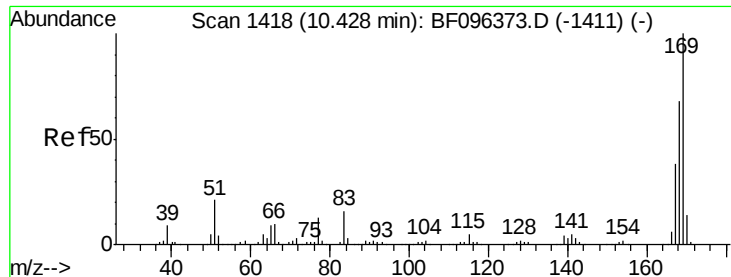
Tot Ion:188 Resp: 426005
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 45.61 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion:198 Resp: 133992
Ion Ratio Lower Upper
198 100
51 69.8 53.2 93.2
105 51.6 45.8 85.8

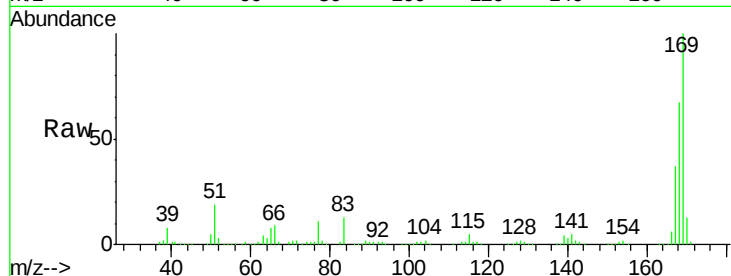




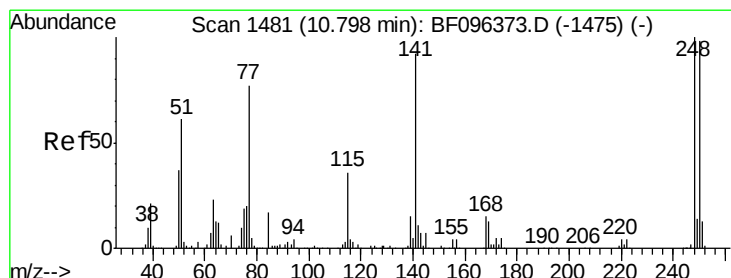
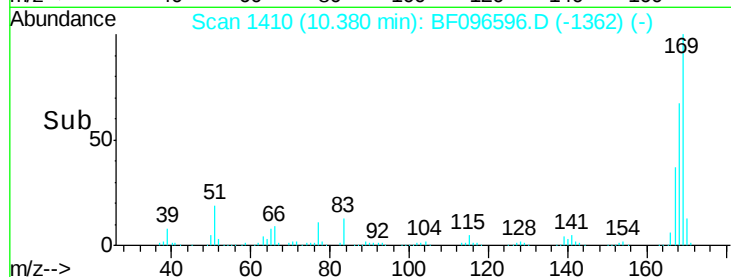
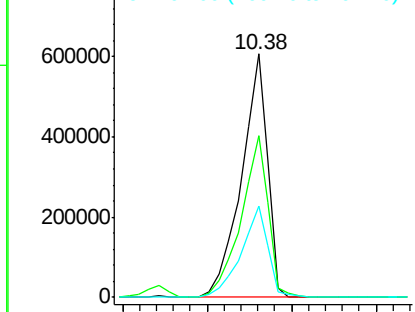
#65
 n-Nitrosodiphenylamine
 Concen: 43.80 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 654651
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.2 79.8
 167 37.3 29.5 44.3

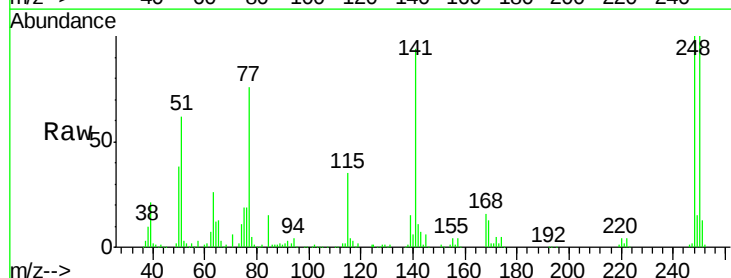


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

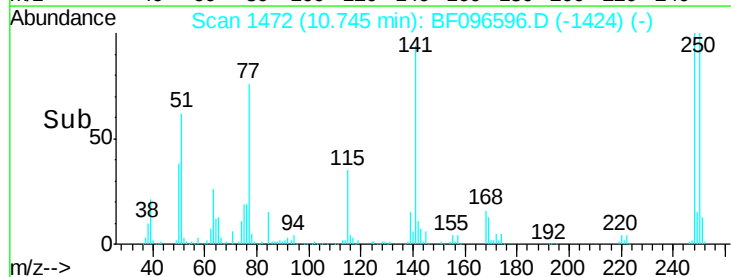
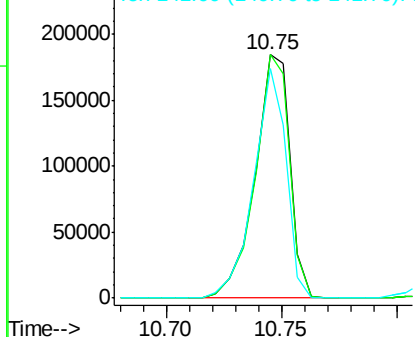


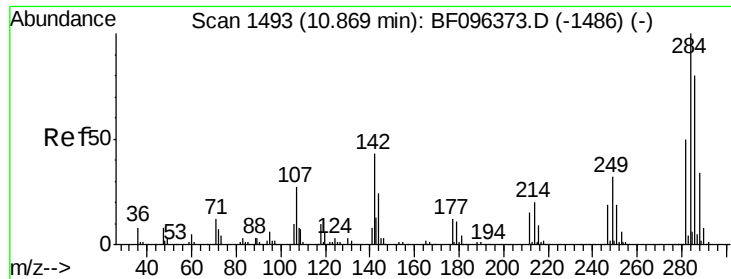
#66
 4-Bromophenyl-phenylether
 Concen: 47.08 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion:248 Resp: 195255
 Ion Ratio Lower Upper
 248 100
 250 99.8 76.8 115.2
 141 94.1 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

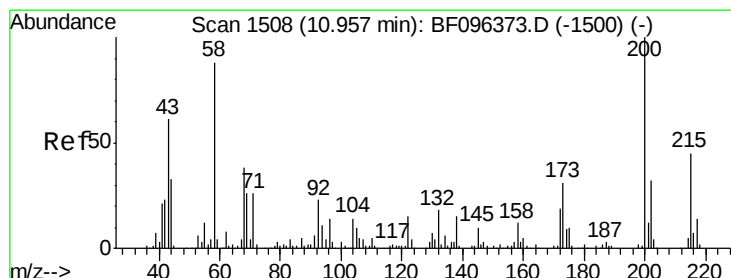
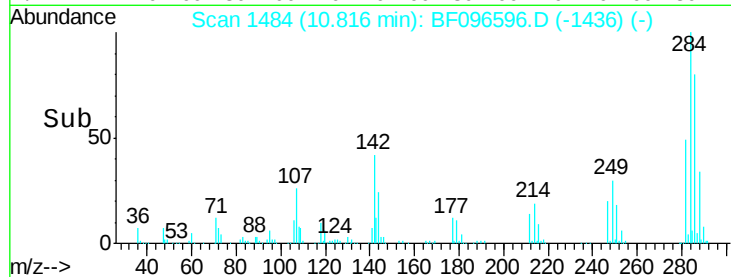
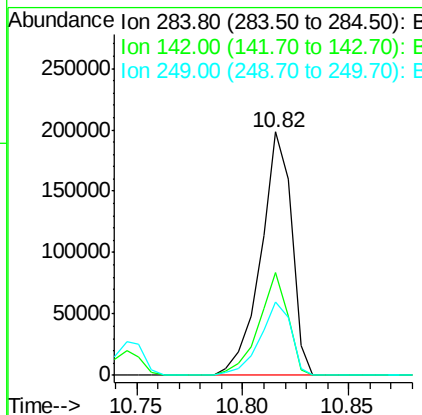
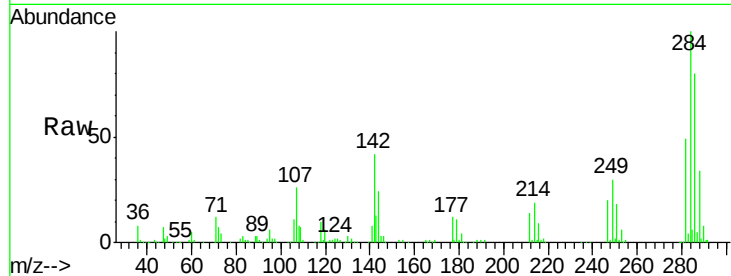




#67
Hexachlorobenzene
Concen: 44.47 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

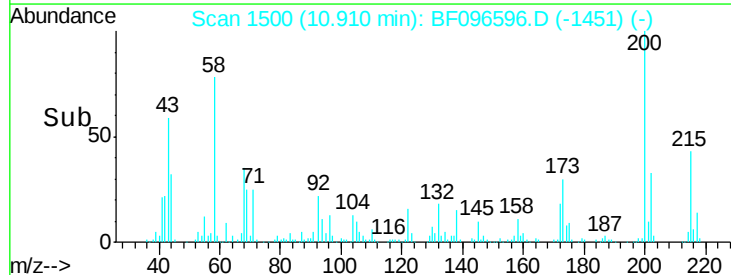
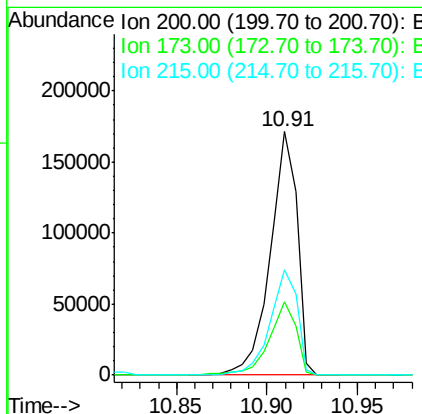
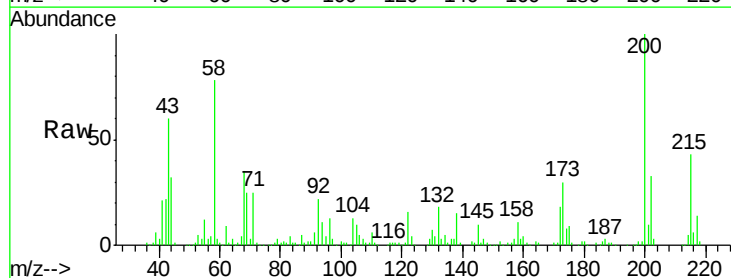
Instrument :
BNA_F
ClientSampleId :

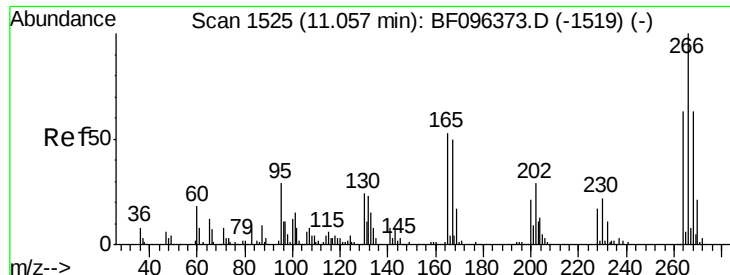
Tot Ion:284 Resp: 201891
Ion Ratio Lower Upper
284 100
142 42.3 22.8 34.2#
249 30.0 24.0 36.0



#68
Atrazine
Concen: 41.10 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion:200 Resp: 175524
Ion Ratio Lower Upper
200 100
173 30.1 6.3 46.3
215 43.4 27.2 67.2

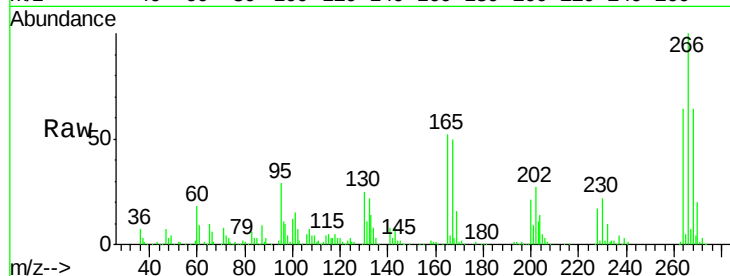




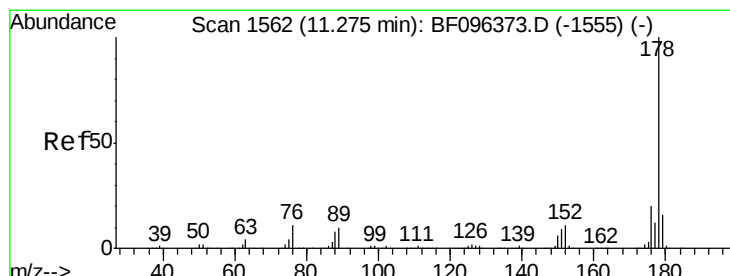
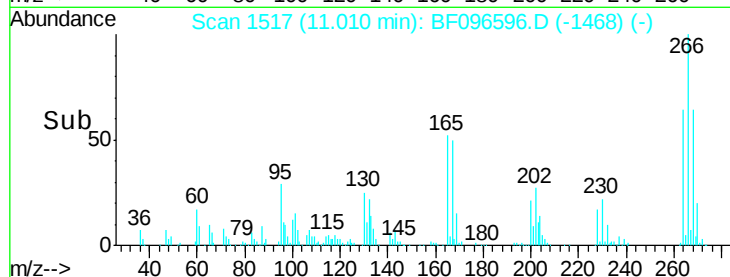
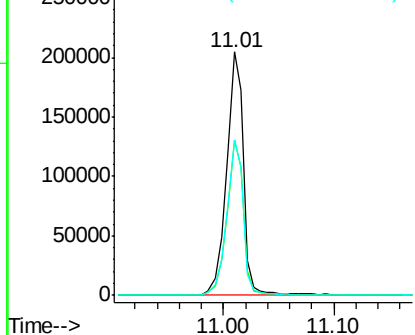
#69
 Pentachlorophenol
 Concen: 81.84 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 220179
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 63.7 51.7 77.5

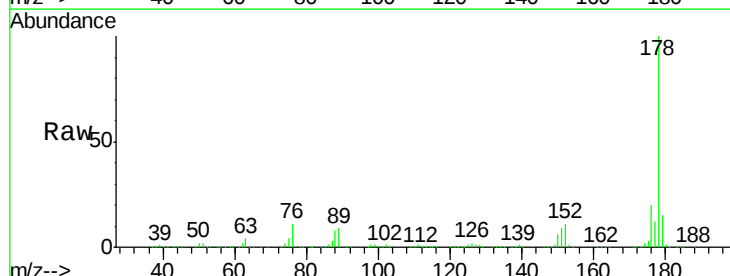


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

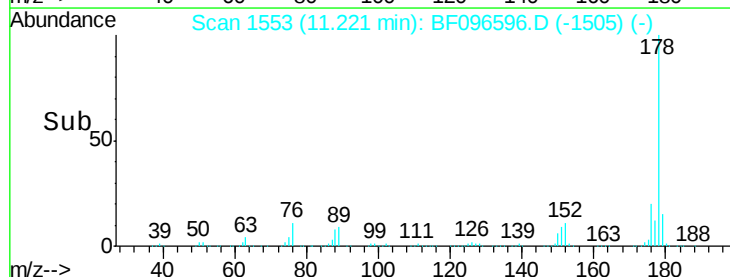
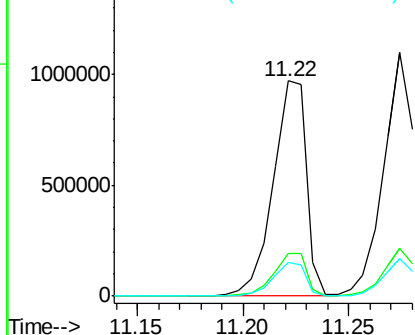


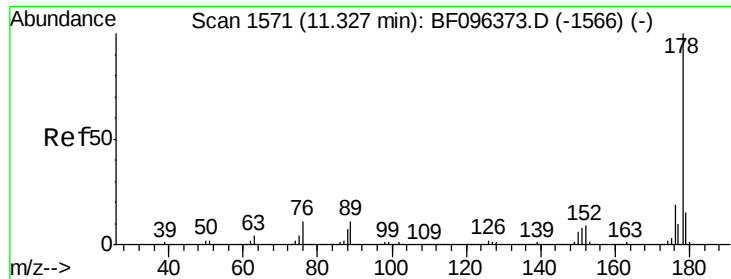
#70
 Phenanthrene
 Concen: 46.28 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion:178 Resp: 1065820
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.5 12.6 19.0



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



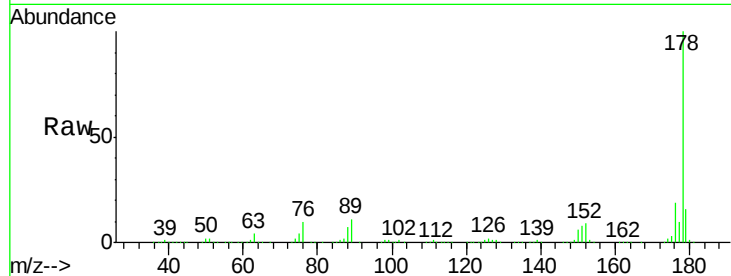


#71
 Anthracene
 Concen: 46.27 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

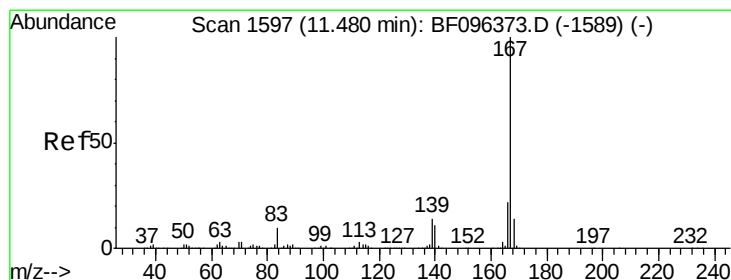
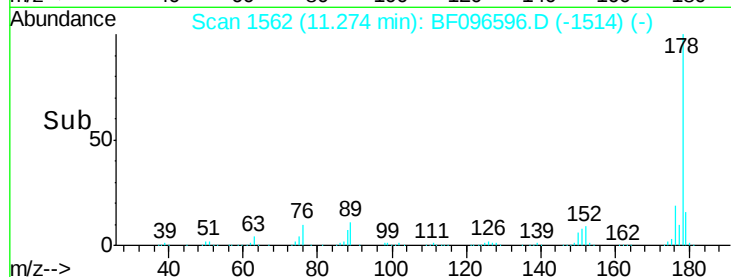
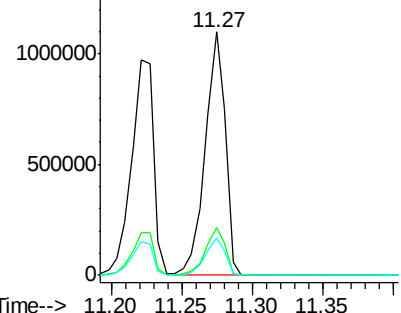
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1085927

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.6	12.7	19.1



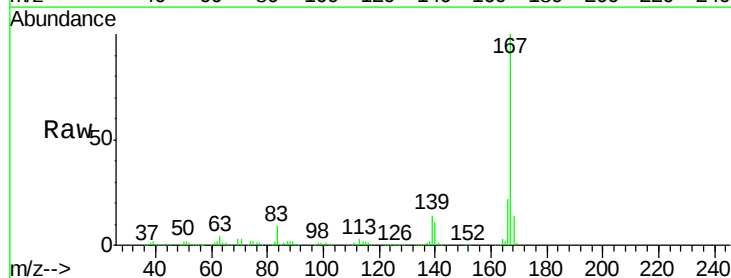
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



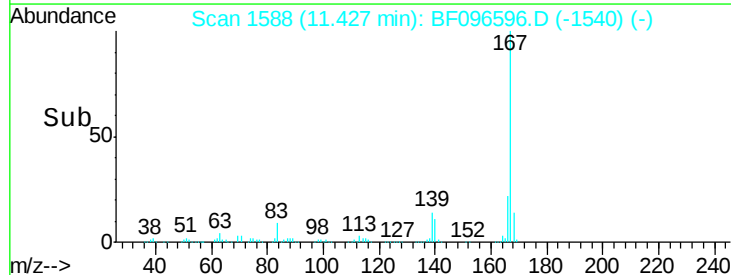
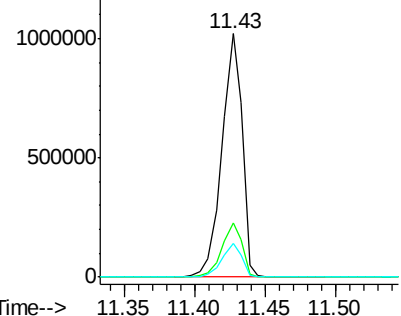
#72
 Carbazole
 Concen: 43.18 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

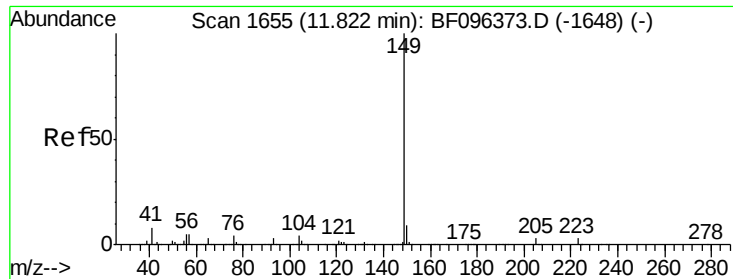
Tgt Ion:167 Resp: 1019036

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	14.1	11.7	17.5



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





#73

Di-n-butylphthalate

Concen: 44.23 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampleId :

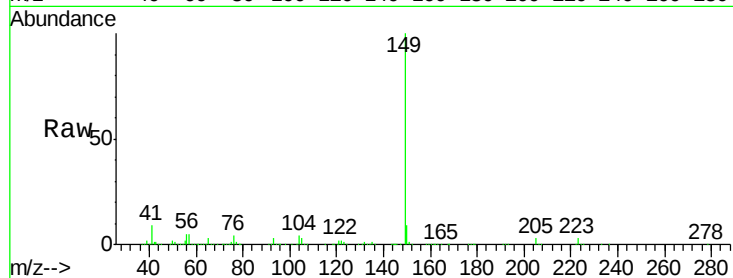
Tot Ion:149 Resp: 1264439

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

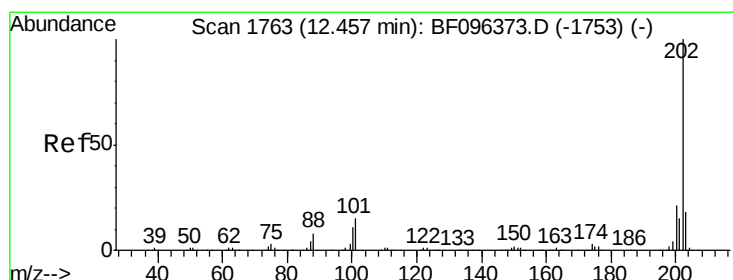
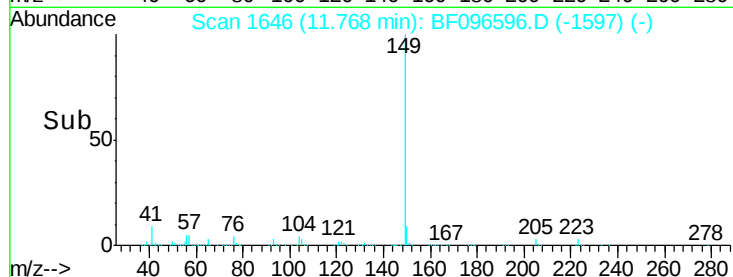
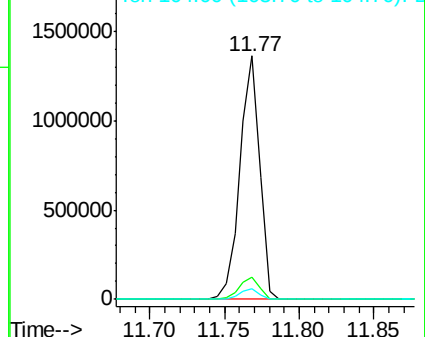
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.76 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

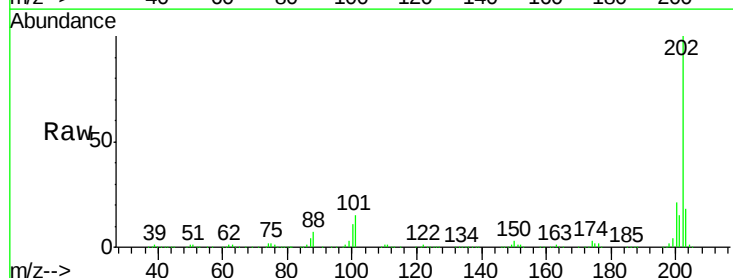
Tgt Ion:202 Resp: 1055690

Ion Ratio Lower Upper

202 100

101 14.7 0.0 33.2

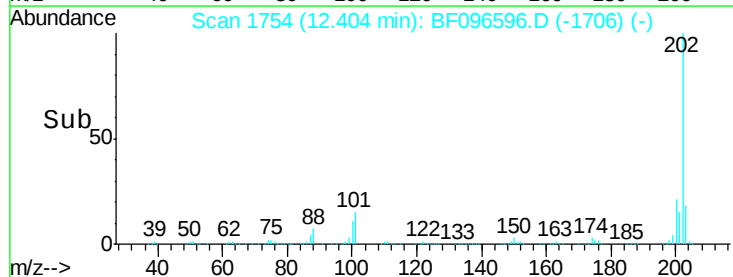
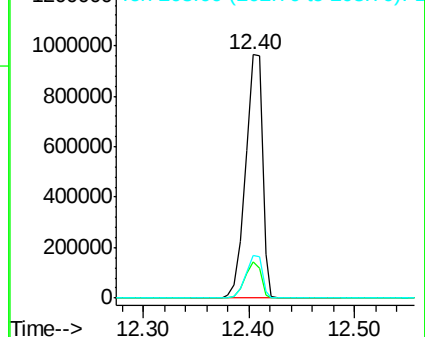
203 17.7 0.0 38.1

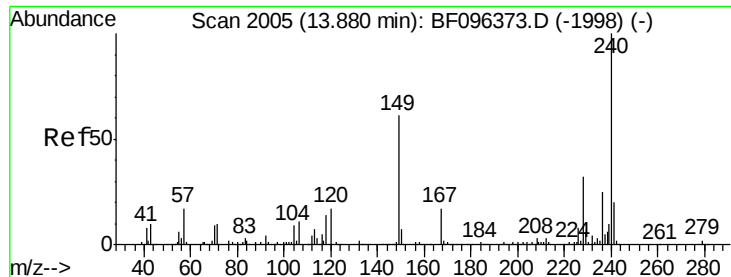


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096596.D

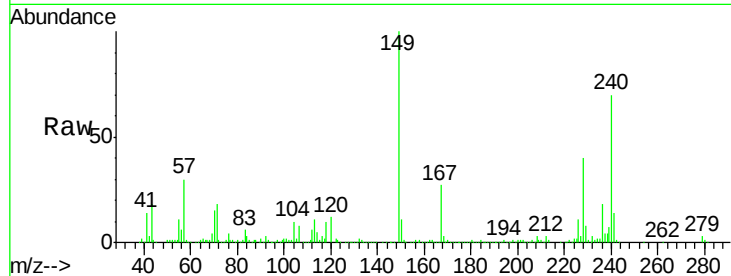
Acq: 10 Jul 2017 13:02

Instrument :

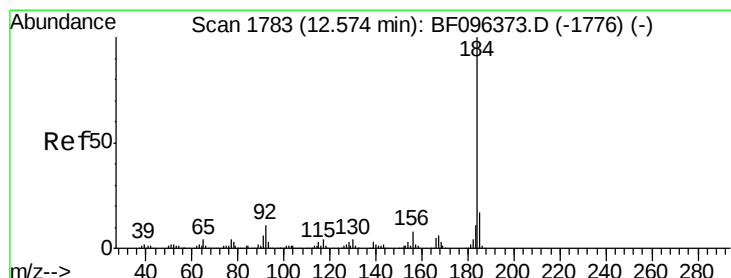
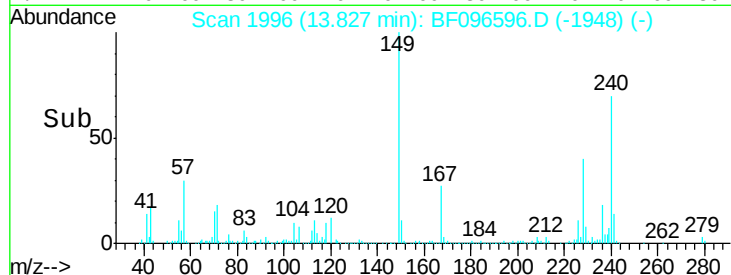
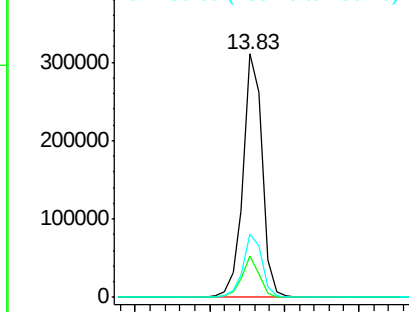
BNA_F

ClientSampleId :

Tot Ion:	240	Resp:	276287
Ion	Ratio	Lower	Upper
240	100		
120	17.0	5.8	8.8#
236	25.8	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: 4.30 ng

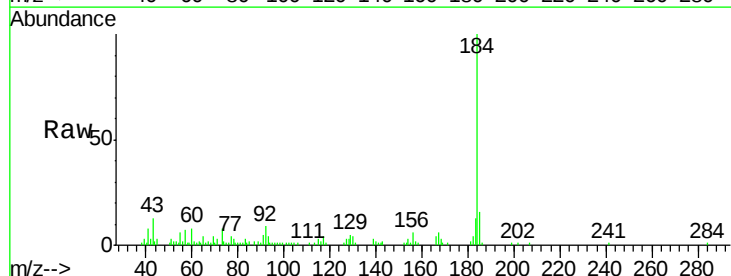
RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

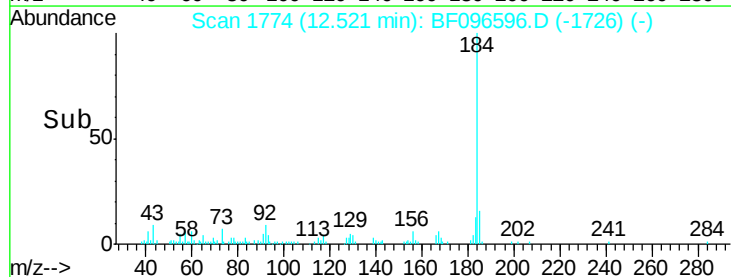
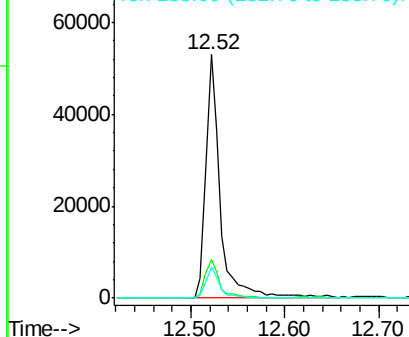
Lab File: BF096596.D

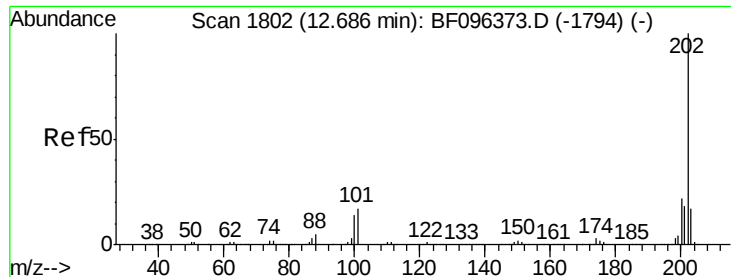
Acq: 10 Jul 2017 13:02

Tgt Ion:	184	Resp:	57014
Ion	Ratio	Lower	Upper
184	100		
185	16.1	15.5	23.3
183	12.7	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

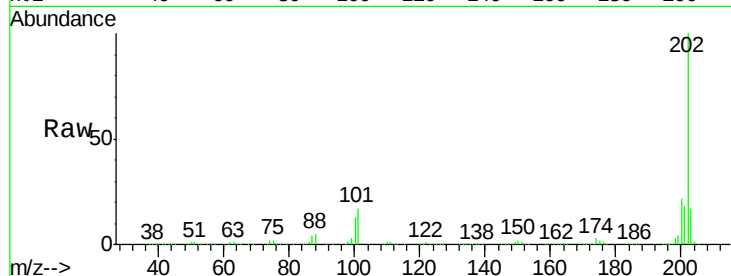




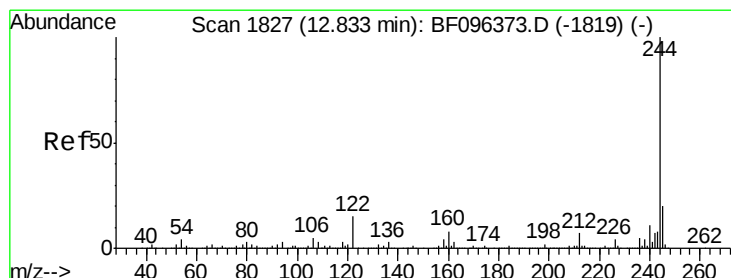
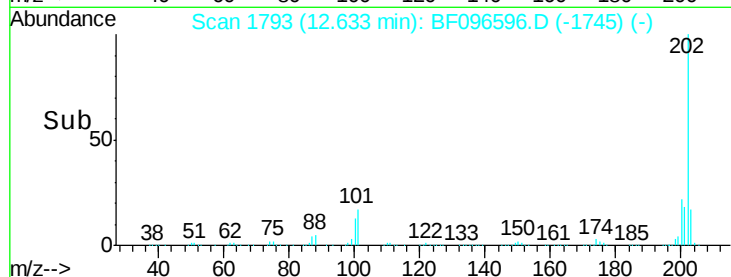
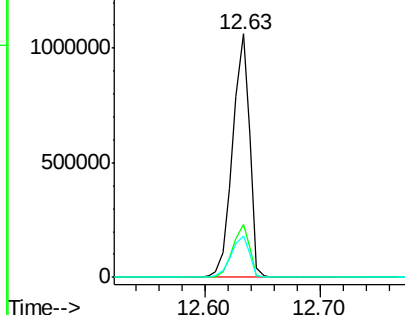
#77
 Pvrene
 Concen: 48.65 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1078954
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.6 26.4
 203 17.1 14.4 21.6

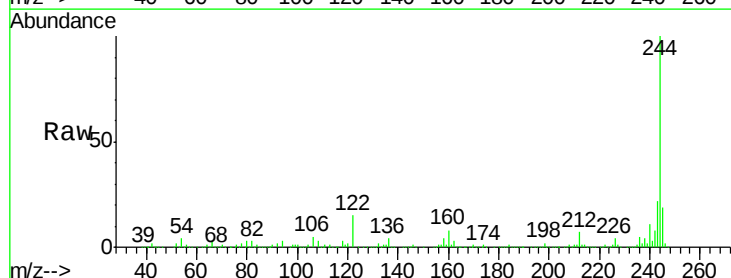


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

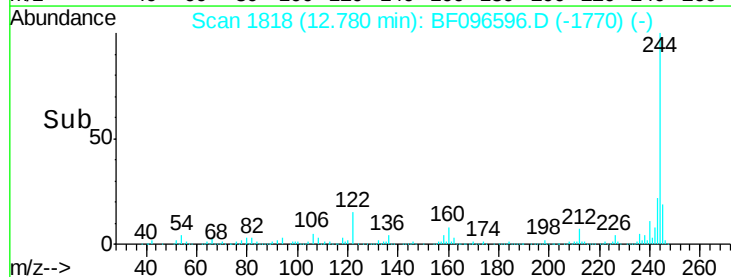
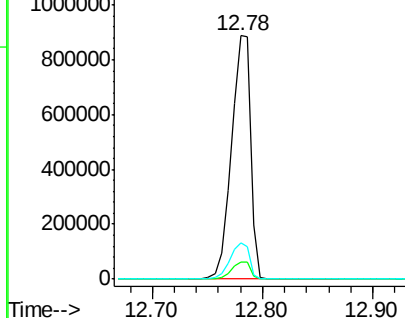


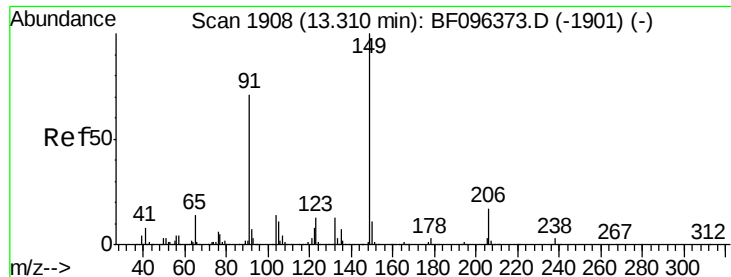
#78
 Terphenyl-d14
 Concen: 83.78 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion:244 Resp: 1083220
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 15.0 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

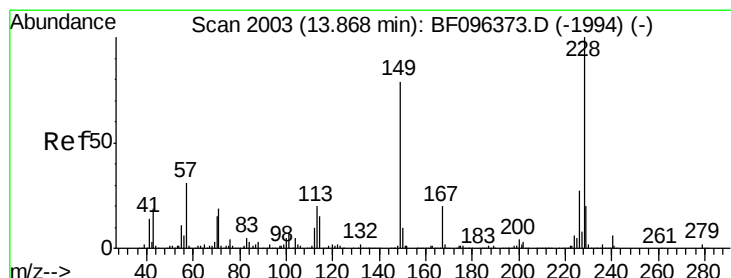
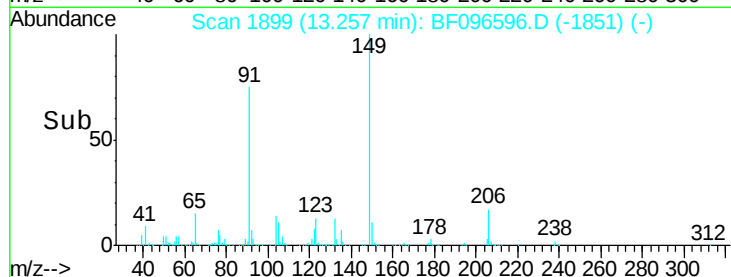
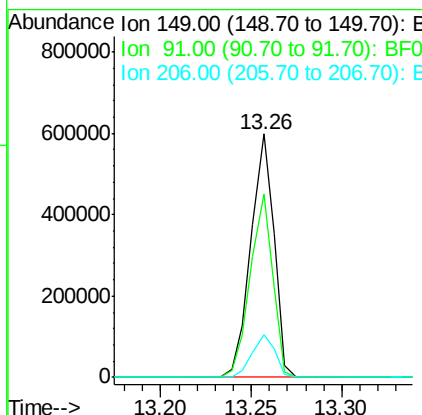
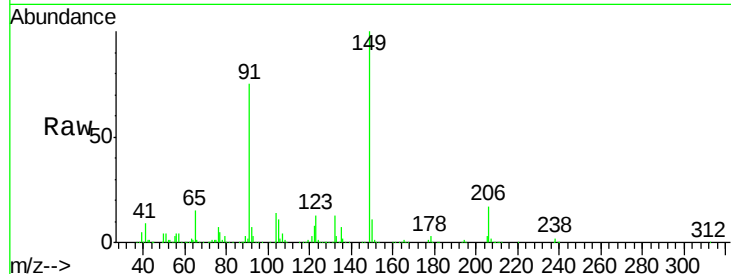




#79
Butylbenzylphthalate
Concen: 47.45 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

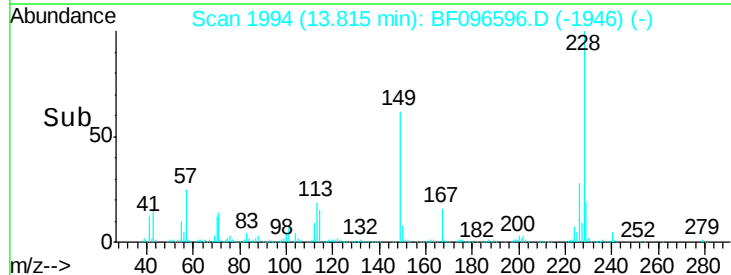
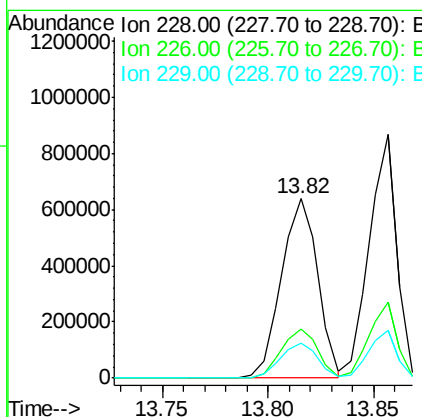
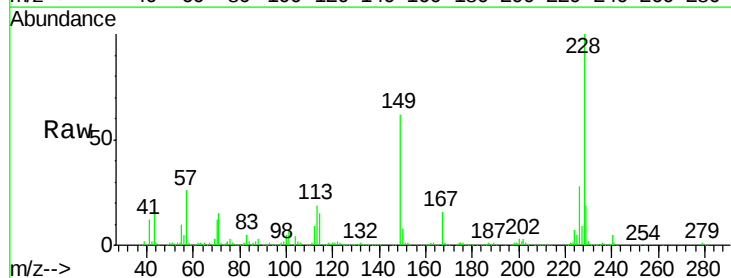
Instrument :
BNA_F
ClientSampleId :

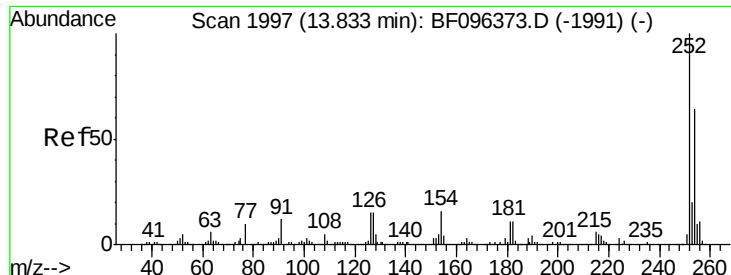
Tot Ion:149 Resp: 532640
Ion Ratio Lower Upper
149 100
91 75.1 45.0 67.4#
206 17.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 47.73 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion:228 Resp: 763682
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.5 16.3 24.5

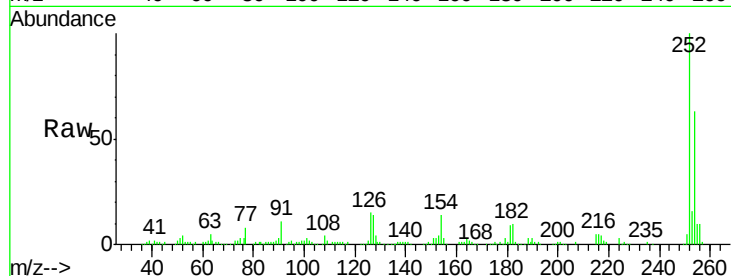




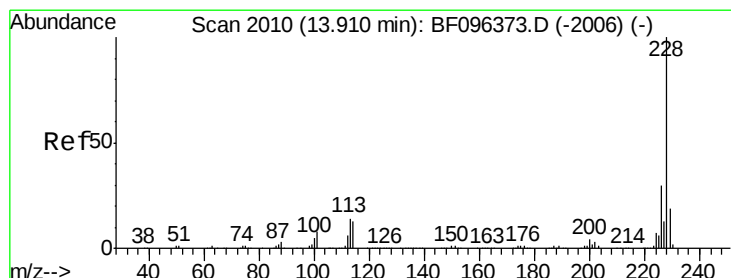
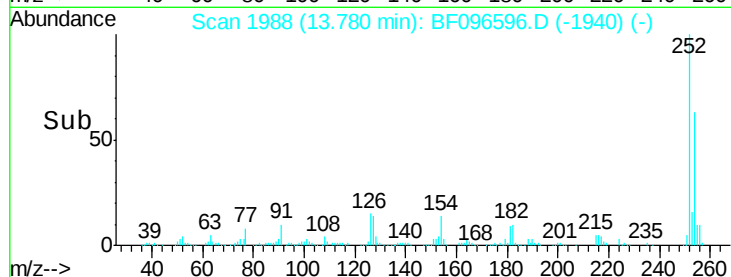
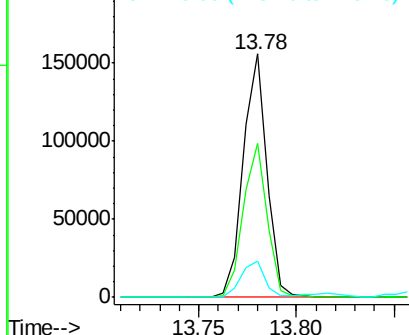
#81
 3,3'-Dichlorobenzidine
 Concen: 19.91 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 130823
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.5 77.3
 126 14.7 15.8 23.8#

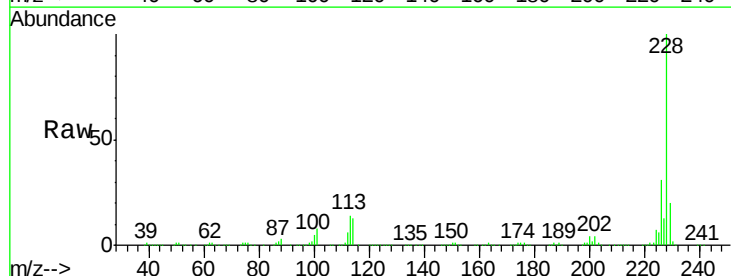


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

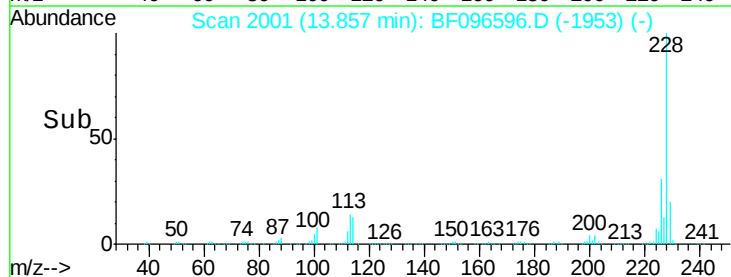
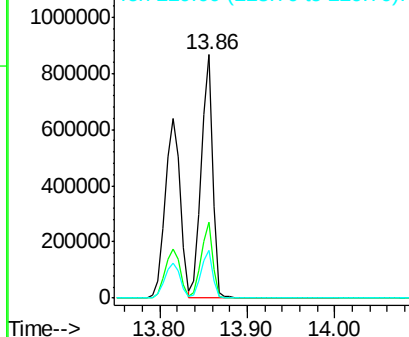


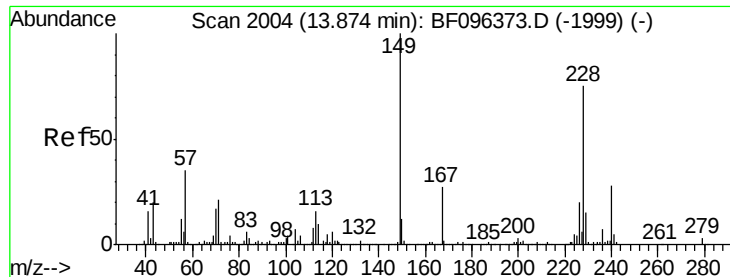
#82
 Chrysene
 Concen: 47.51 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion:228 Resp: 796030
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 19.6 15.8 23.6



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

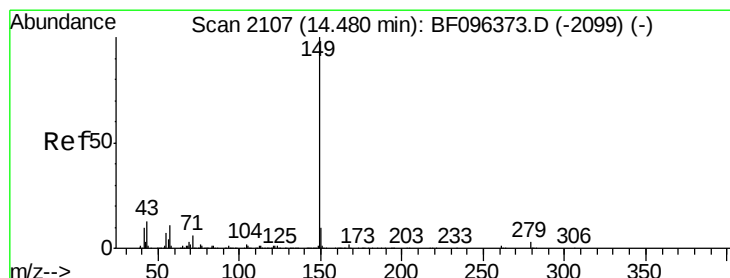
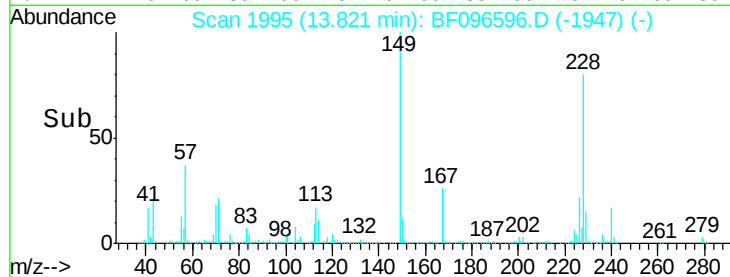
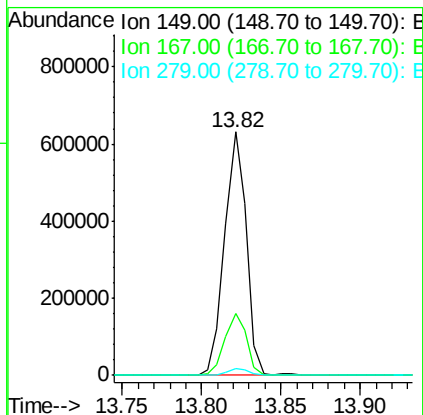
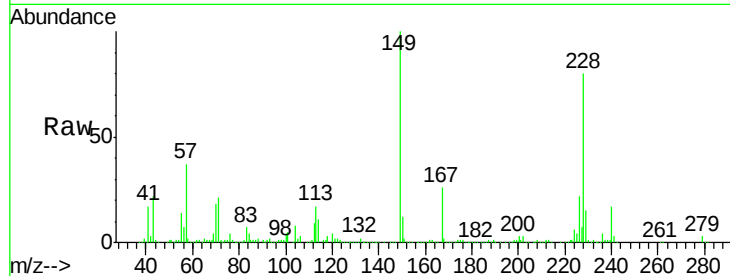




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.80 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

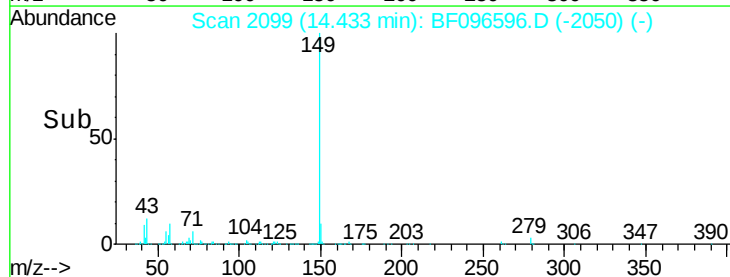
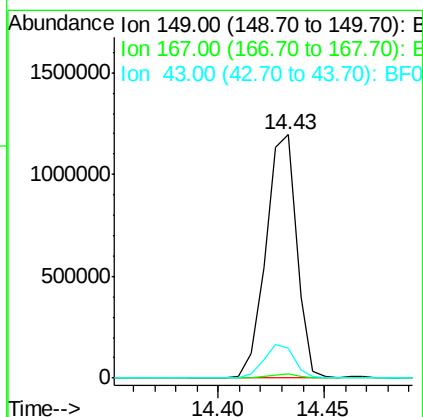
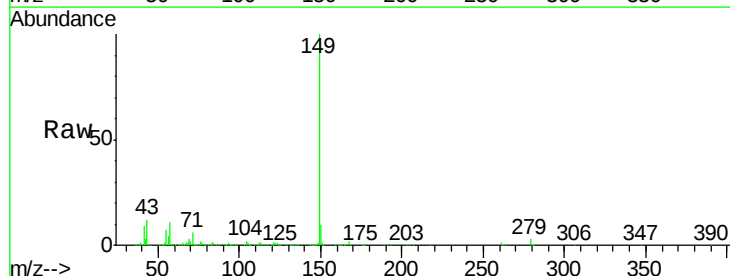
Instrument :
 BNA_F
 ClientSampleId :

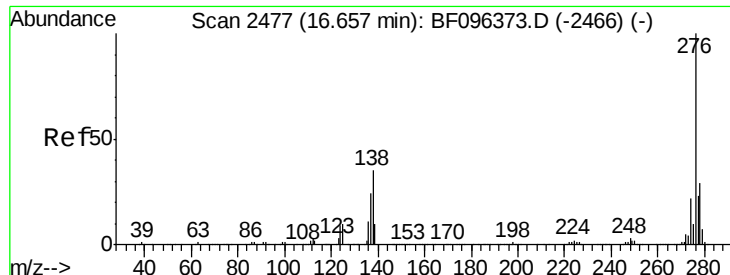
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.0	31.4
279	2.7	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 49.26 ng
 RT: 14.43 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF096596.D
 Acq: 10 Jul 2017 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.3	8.5	12.7

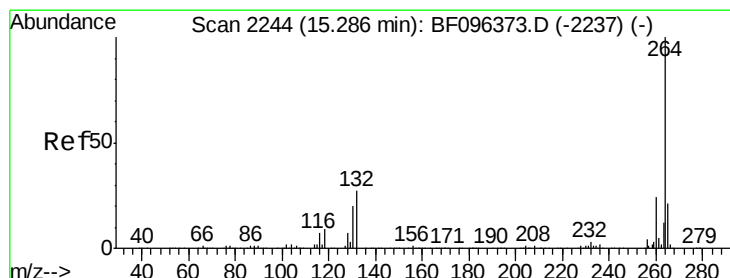
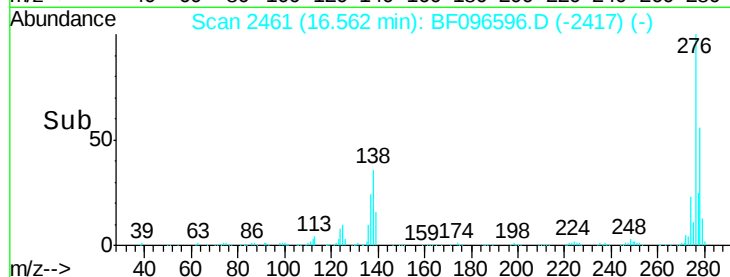
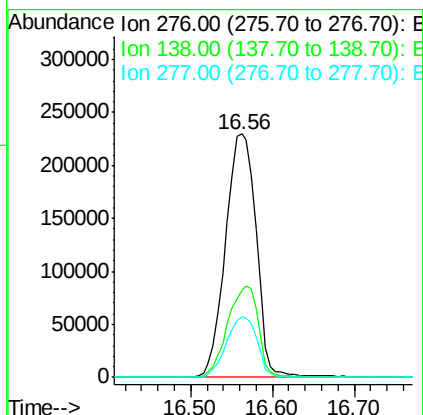
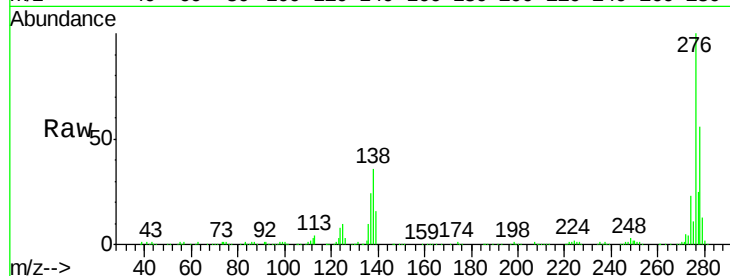




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.49 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.04 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

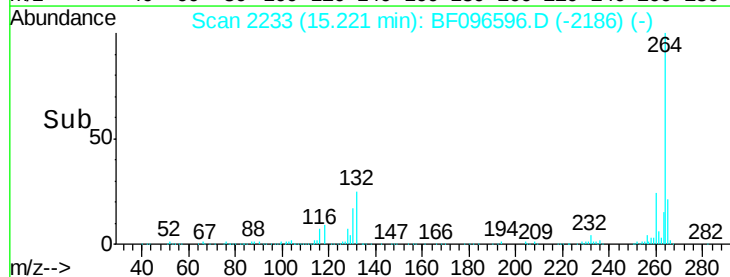
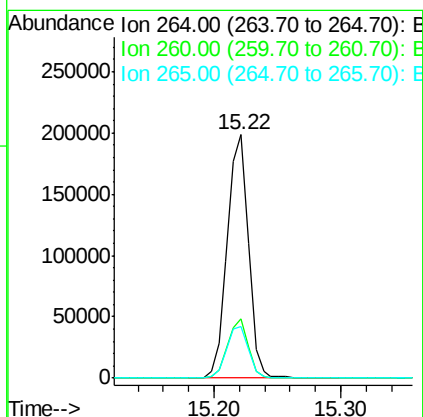
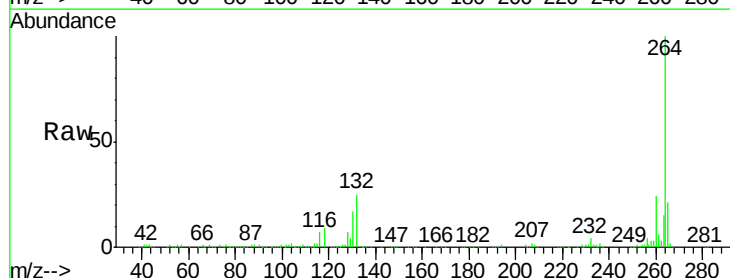
Instrument :
BNA_F
ClientSampleId :

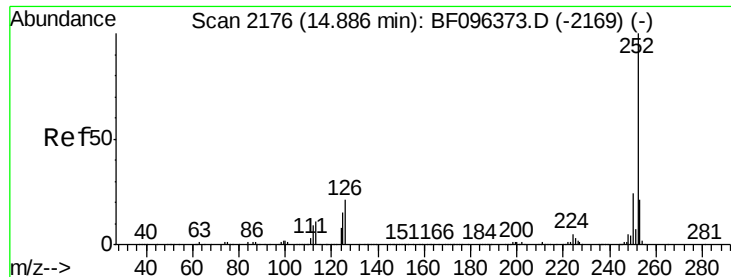
Tot Ion:276 Resp: 601626
Ion Ratio Lower Upper
276 100
138 37.6 27.8 41.6
277 24.8 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion:264 Resp: 229672
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 21.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 50.10 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampleId :

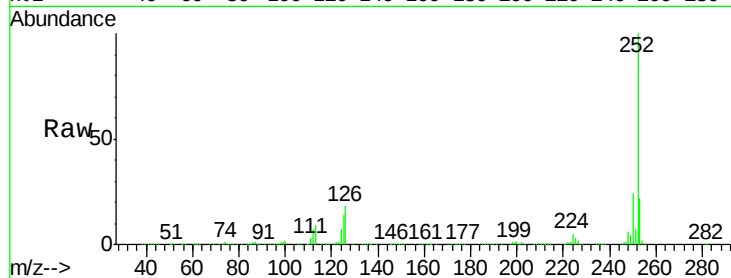
Tot Ion:252 Resp: 720967

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

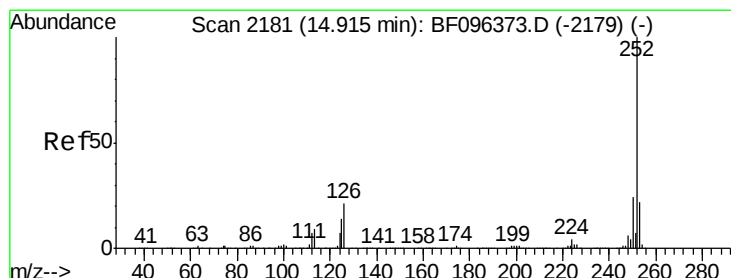
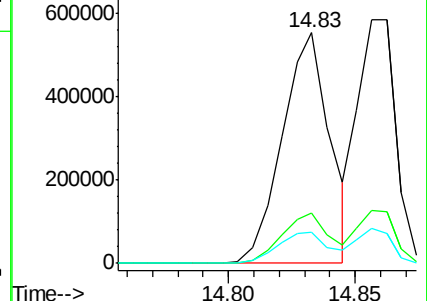
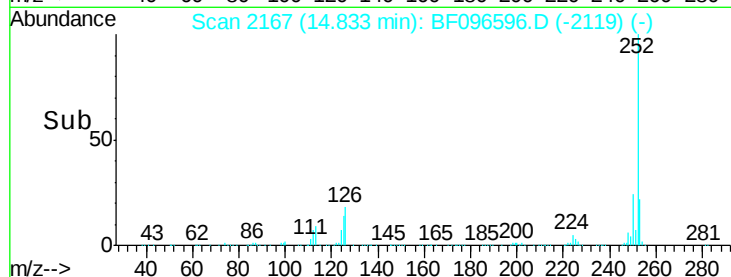
125 13.6 9.8 14.8



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: 56.01 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.05 min

Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

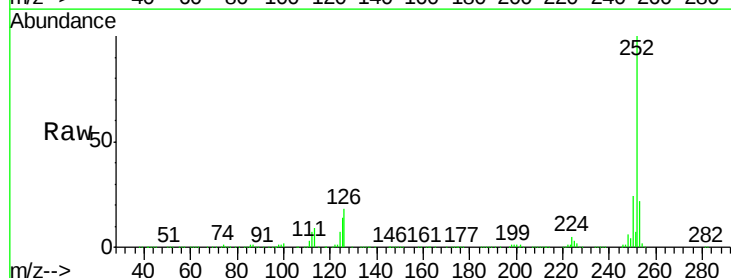
Tgt Ion:252 Resp: 720967

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

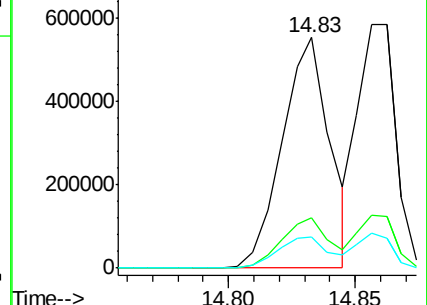
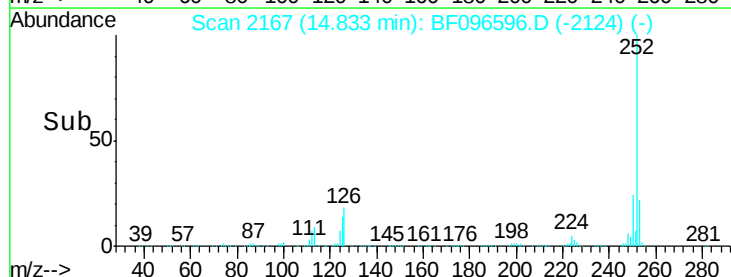
125 13.6 13.1 19.7

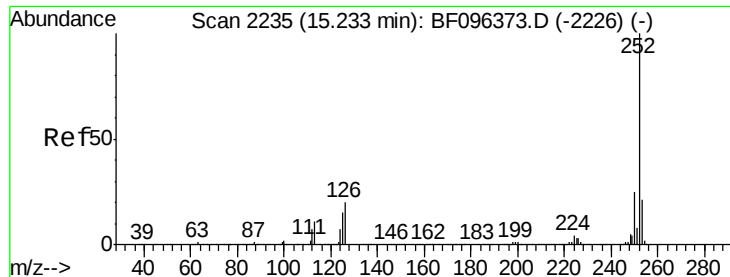


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

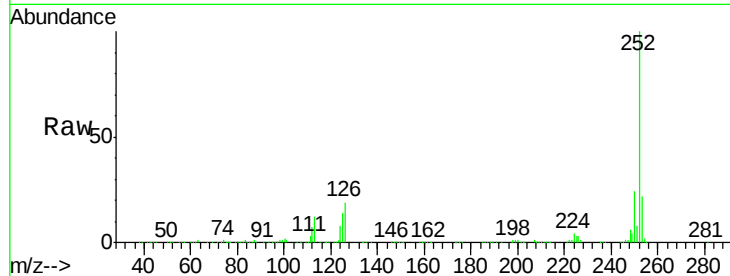




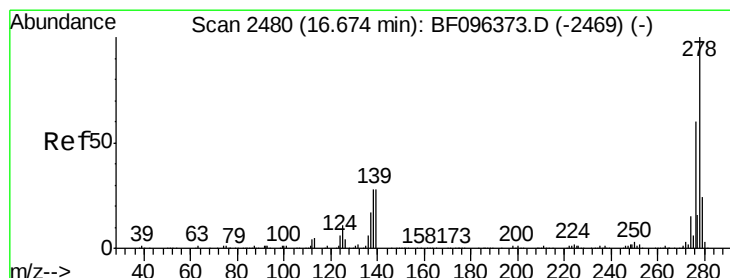
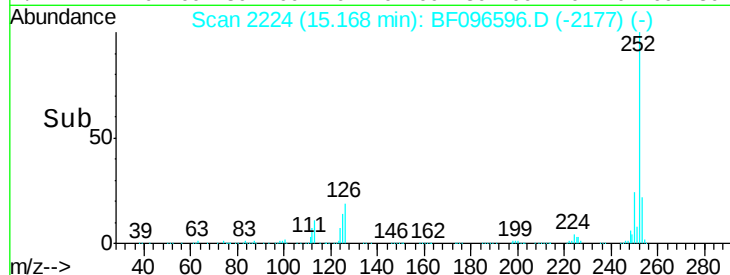
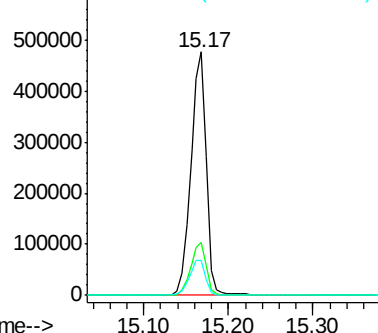
#89
Benzo(a)pyrene
Concen: 47.75 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 613520
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 14.3 11.0 16.4

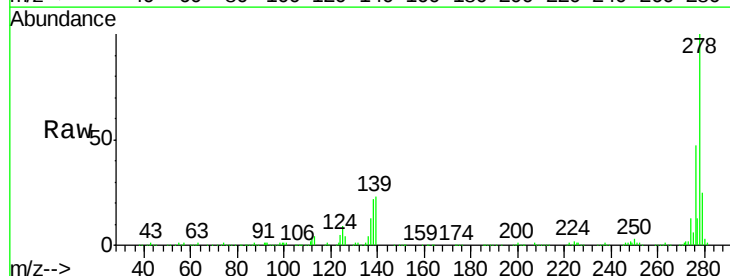


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

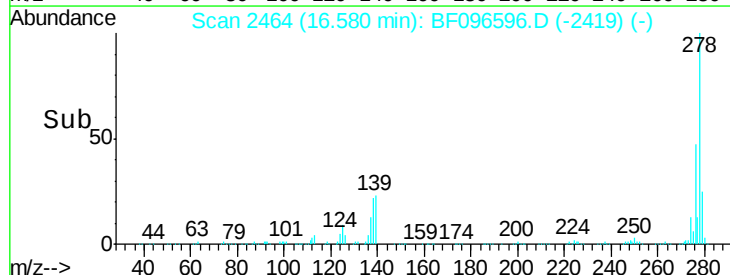
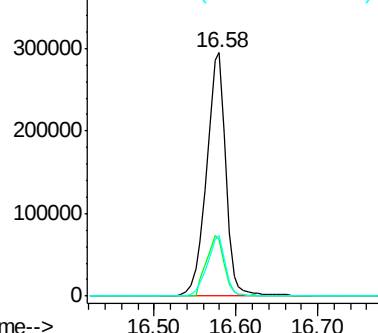


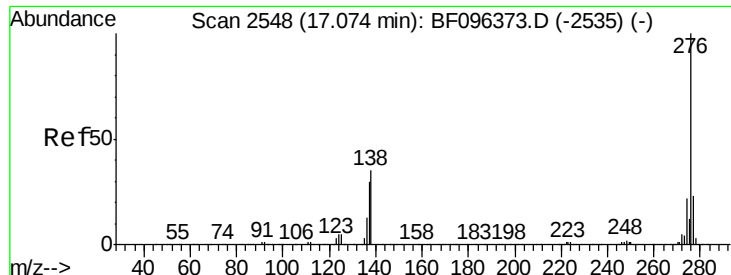
#90
Dibenzo(a,h)anthracene
Concen: 48.16 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.04 min
Lab File: BF096596.D
Acq: 10 Jul 2017 13:02

Tgt Ion:278 Resp: 486749
Ion Ratio Lower Upper
278 100
139 23.3 16.6 24.8
279 24.8 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: 49.27 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.04 min

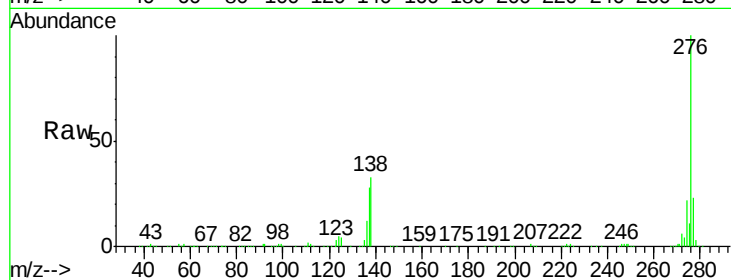
Lab File: BF096596.D

Acq: 10 Jul 2017 13:02

Instrument :

BNA_F

ClientSampleId :



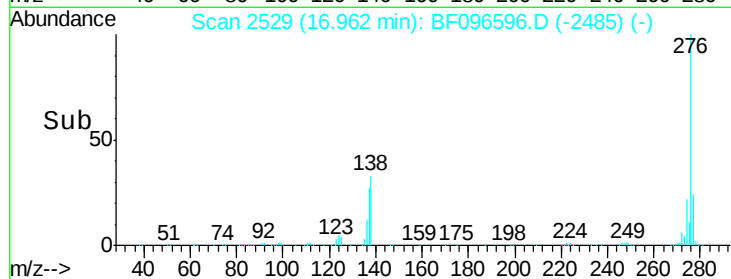
Tot Ion: 276 Resp: 516097

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 32.5 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

