

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096570.D
 Acq On : 7 Jul 2017 20:24
 Operator : SJ/MA
 Sample : PB100474BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 23:12:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	101806	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	443068	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	199405	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	353867	20.00	ng	0.00
75) Chrysene-d12	13.84	240	235851	20.00	ng	0.00
86) Perylene-d12	15.23	264	211167	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	787053	114.11	ng	0.00
7) Phenol-d6	6.34	99	958563	113.04	ng	0.00
23) Nitrobenzene-d5	7.26	82	556522	75.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	204127	131.05	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1016115	87.13	ng	0.00
78) Terphenyl-d14	12.79	244	870391	78.86	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.39	88	97836	29.91	ng	# 75
3) Pyridine	3.08	79	275382	30.69	ng	# 64
4) n-Nitrosodimethylamine	3.02	42	165300	37.32	ng	# 86
6) Aniline	6.36	93	277651	25.33	ng	# 42
8) 2-Chlorophenol	6.49	128	287610	39.10	ng	# 99
9) Benzaldehyde	6.24	77	96319	18.15	ng	# 95
10) Phenol	6.35	94	347279	35.95	ng	# 83
11) bis(2-Chloroethyl)ether	6.43	93	275988	36.97	ng	# 92
12) 1,3-Dichlorobenzene	6.64	146	304413	39.47	ng	# 97
13) 1,4-Dichlorobenzene	6.72	146	305612	39.65	ng	# 97
14) 1,2-Dichlorobenzene	6.87	146	282445	39.91	ng	# 98
15) Benzyl Alcohol	6.84	79	234270	41.33	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	577523	38.05	ng	# 91
17) 2-Methylphenol	6.96	107	234414	39.99	ng	# 96
18) Hexachloroethane	7.21	117	108978	38.99	ng	# 79
19) n-Nitroso-di-n-propylamine	7.12	70	186320	36.88	ng	# 82
20) 3+4-Methylphenols	7.11	107	278083	42.53	ng	# 98
22) Acetophenone	7.10	105	373846	38.62	ng	# 96
24) Nitrobenzene	7.27	77	283056	36.59	ng	# 93
25) Isophorone	7.52	82	521840	36.50	ng	# 95
26) 2-Nitrophenol	7.59	139	162532	39.70	ng	# 86
27) 2,4-Dimethylphenol	7.64	122	267105	38.32	ng	# 96
28) bis(2-Chloroethoxy)methane	7.73	93	349676	37.05	ng	# 99
29) 2,4-Dichlorophenol	7.84	162	243409	40.47	ng	# 97
30) 1,2,4-Trichlorobenzene	7.92	180	225771	39.79	ng	# 98
31) Naphthalene	8.00	128	835922	39.96	ng	# 99
32) Benzoic acid	7.77	122	178710	30.52	ng	# 94
33) 4-Chloroaniline	8.05	127	149836	17.25	ng	# 97
34) Hexachlorobutadiene	8.13	225	114120	39.22	ng	# 96
35) Caprolactam	8.42	113	51757	24.95	ng	# 57
36) 4-Chloro-3-methylphenol	8.54	107	261761	39.33	ng	# 88
37) 2-Methylnaphthalene	8.69	142	570228	42.83	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	189014	36.51	ng	# 99
40) Hexachlorocyclopentadiene	8.85	237	200061	79.47	ng	# 100

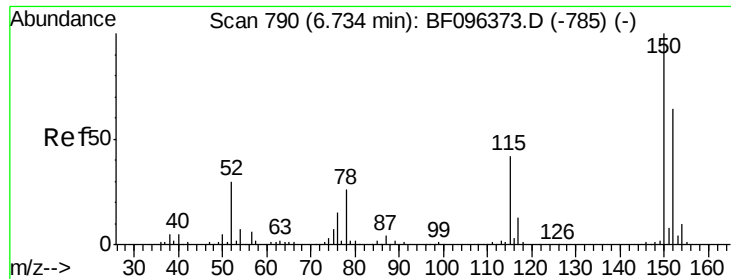
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	158319	38.65	ng	96
43) 2,4,5-Trichlorophenol	9.02	196	165657	40.91	ng	94
45) 1,1'-Biphenyl	9.16	154	636135	37.23	ng	98
46) 2-Chloronaphthalene	9.18	162	493559	38.76	ng	95
47) 2-Nitroaniline	9.27	65	184026	39.72	ng	88
48) Acenaphthylene	9.59	152	810904	40.19	ng	99
49) Dimethylphthalate	9.46	163	601114	40.38	ng	99
50) 2,6-Dinitrotoluene	9.52	165	135134	41.05	ng	# 80
51) Acenaphthene	9.76	154	473040	38.04	ng	99
52) 3-Nitroaniline	9.68	138	98028	23.88	ng	91
53) 2,4-Dinitrophenol	9.79	184	113906	65.15	ng	# 74
54) Dibenzofuran	9.94	168	708433	43.15	ng	99
55) 4-Nitrophenol	9.86	139	248146	72.92	ng	# 67
56) 2,4-Dinitrotoluene	9.92	165	185268	44.44	ng	# 82
57) Fluorene	10.28	166	513102	44.25	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	130526	46.58	ng	98
59) Diethylphthalate	10.16	149	592019	42.08	ng	99
60) 4-Chlorophenyl-phenylether	10.27	204	208476	41.32	ng	100
61) 4-Nitroaniline	10.30	138	159538	42.73	ng	91
62) Azobenzene	10.43	77	564378	41.48	ng	91
64) 4,6-Dinitro-2-methylphenol	10.33	198	86988	35.64	ng	90
65) n-Nitrosodiphenylamine	10.39	169	491467	39.58	ng	100
66) 4-Bromophenyl-phenylether	10.76	248	138026	40.07	ng	95
67) Hexachlorobenzene	10.83	284	149835	39.73	ng	# 92
68) Atrazine	10.92	200	151790	42.79	ng	96
69) Pentachlorophenol	11.02	266	157850	70.63	ng	98
70) Phenanthrene	11.23	178	794294	41.52	ng	99
71) Anthracene	11.29	178	824466	42.29	ng	98
72) Carbazole	11.44	167	802711	40.95	ng	99
73) Di-n-butylphthalate	11.78	149	947163	39.89	ng	99
74) Fluoranthene	12.42	202	820616	43.75	ng	97
76) Benzidine	12.53	184	321443	28.40	ng	# 93
77) Pyrene	12.64	202	835306	44.12	ng	99
79) Butylbenzylphthalate	13.27	149	404003	42.16	ng	# 80
80) Benzo(a)anthracene	13.83	228	582527	42.65	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	130628	23.29	ng	# 97
82) Chrysene	13.87	228	600080	41.96	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	471189	44.05	ng	99
84) Di-n-octyl phthalate	14.44	149	852229	40.46	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.59	276	559927	49.60	ng	97
87) Benzo(b)fluoranthene	14.84	252	517253	39.09	ng	99
88) Benzo(k)fluoranthene	14.84	252	517253	43.70	ng	96
89) Benzo(a)pyrene	15.18	252	489453	41.43	ng	98
90) Dibenzo(a,h)anthracene	16.60	278	452461	48.69	ng	98
91) Benzo(g,h,i)perylene	16.99	276	491693	51.06	ng	99

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

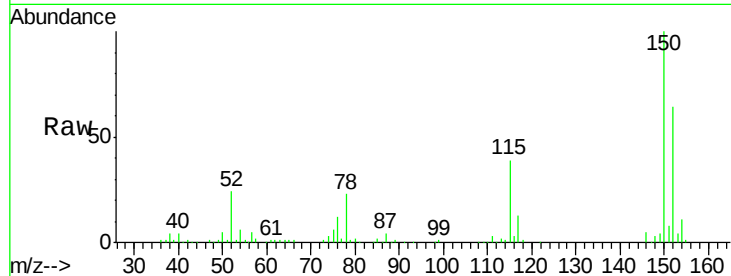


#1

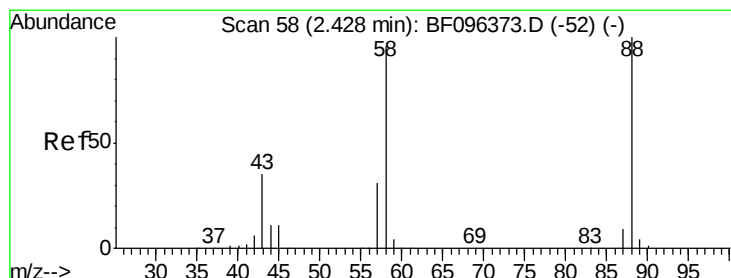
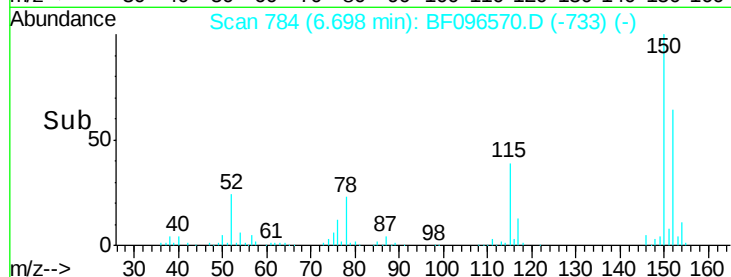
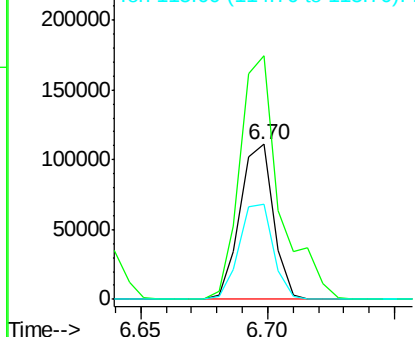
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101806
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 61.2 52.2 78.2



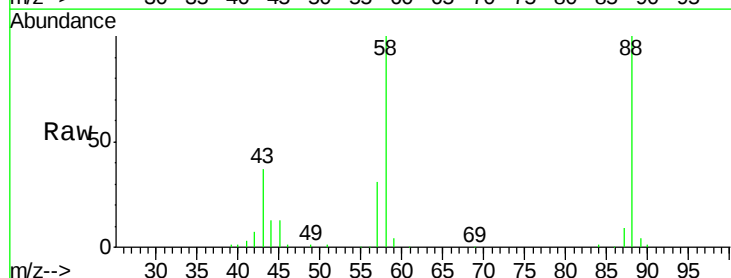
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



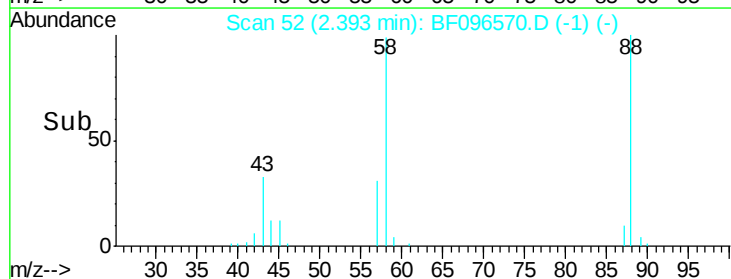
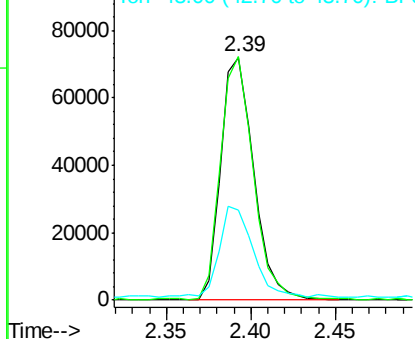
#2

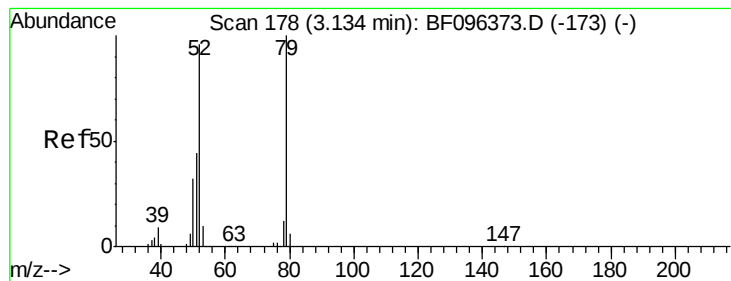
1,4-Dioxane
Concen: 29.91 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.03 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion: 88 Resp: 97836
Ion Ratio Lower Upper
88 100
58 100.6 61.4 92.0#
43 38.7 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.69 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.03 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

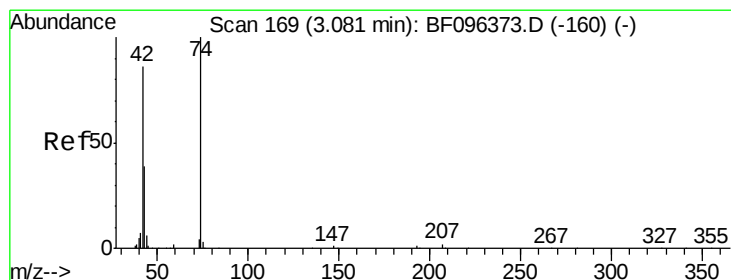
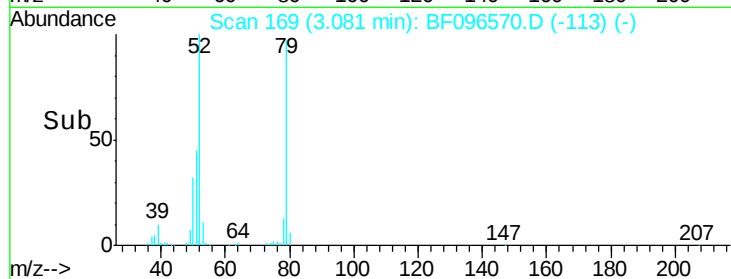
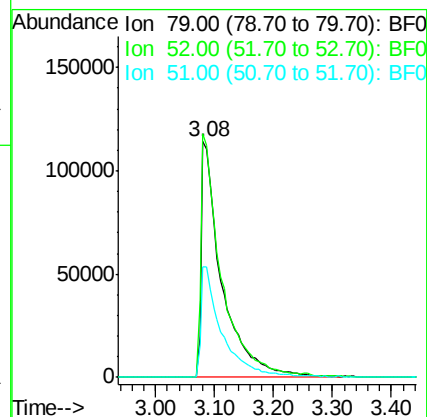
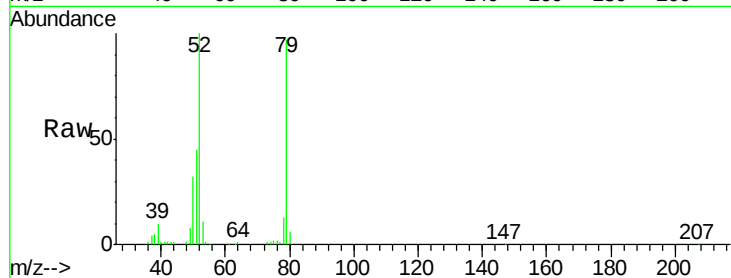
Tot Ion: 79 Resp: 275382

Ion Ratio Lower Upper

79 100

52 103.3 54.8 82.2#

51 46.8 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 37.32 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

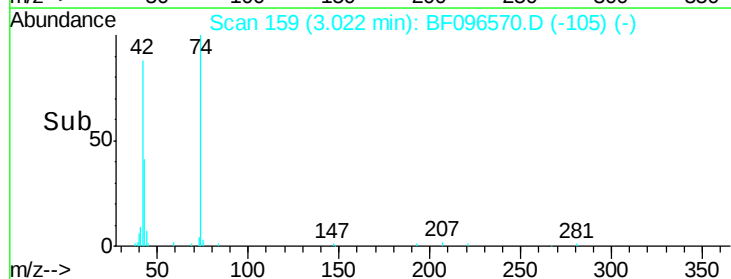
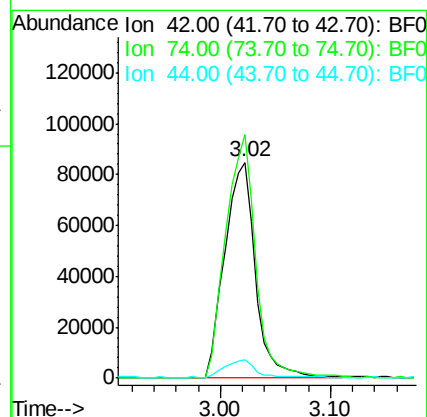
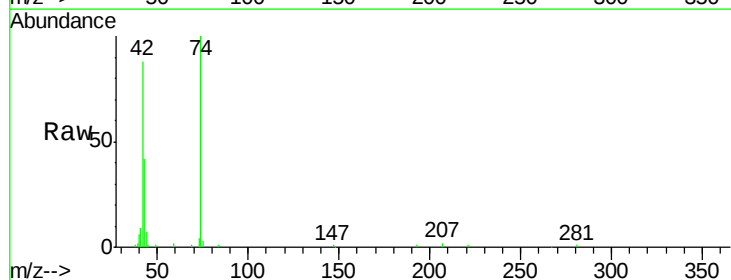
Tgt Ion: 42 Resp: 165300

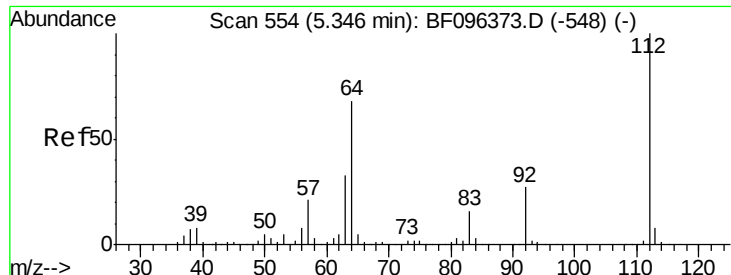
Ion Ratio Lower Upper

42 100

74 113.0 103.9 155.9

44 8.2 5.7 8.5





#5

2-Fluorophenol

Concen: 114.11 ng

RT: 5.32 min Scan# 549

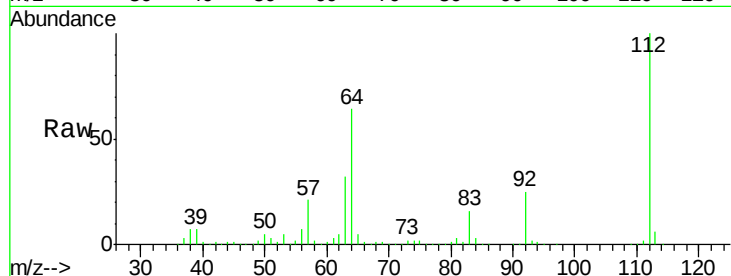
Delta R.T. 0.01 min

Lab File: BF096570.D

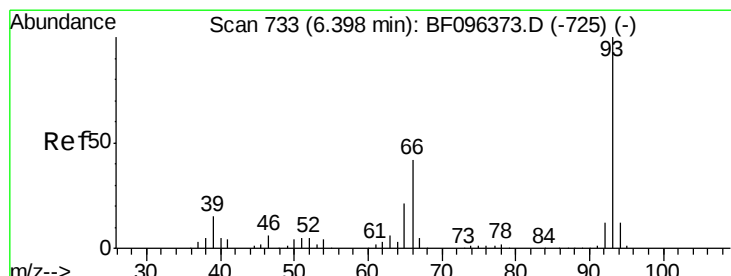
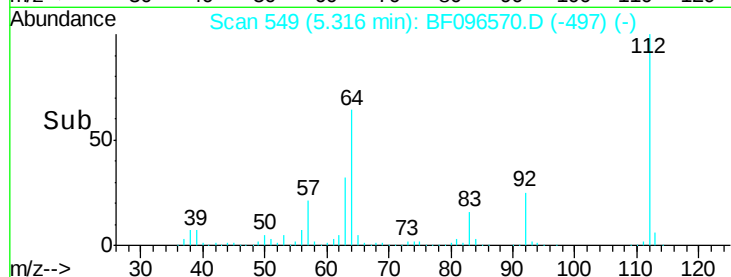
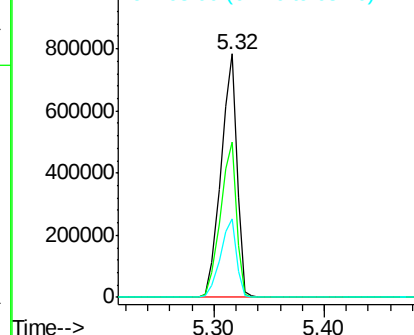
Acq: 7 Jul 2017 20:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	787053
Ion	Ratio	Lower	Upper
112	100		
64	64.0	46.0	69.0
63	32.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.33 ng

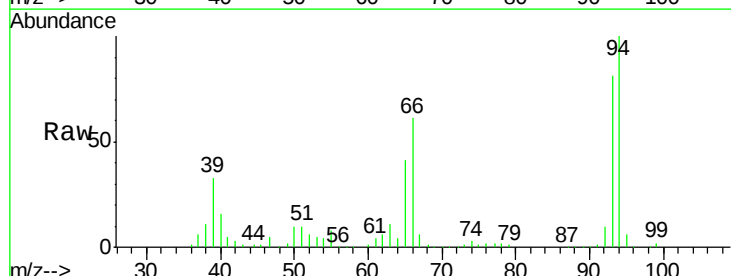
RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

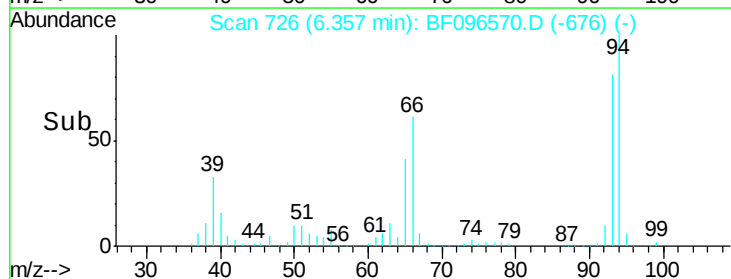
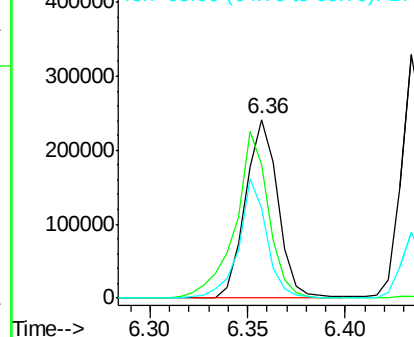
Lab File: BF096570.D

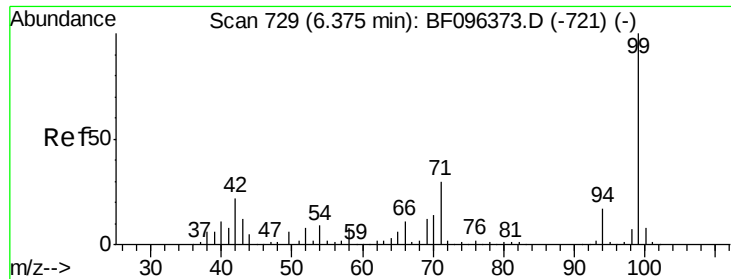
Acq: 7 Jul 2017 20:24

Tgt Ion:	93	Resp:	277651
Ion	Ratio	Lower	Upper
93	100		
66	74.9	32.9	49.3#
65	50.7	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.04 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Instrument :

BNA_F

ClientSampled :

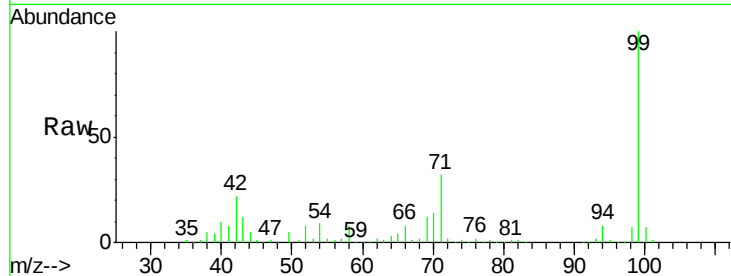
Tot Ion: 99 Resp: 958563

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

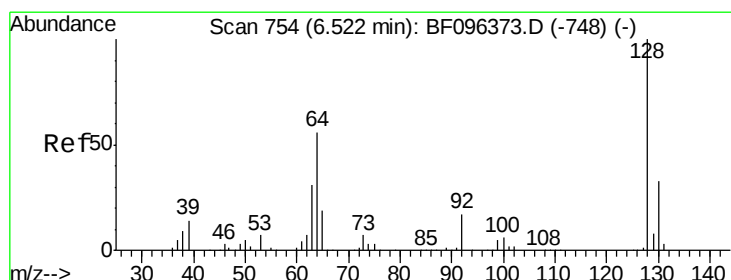
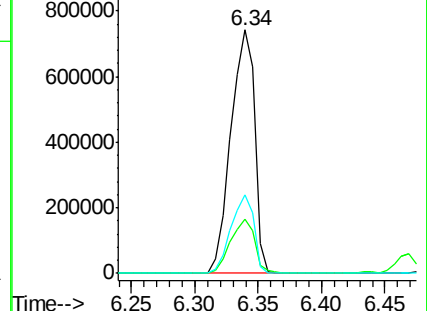
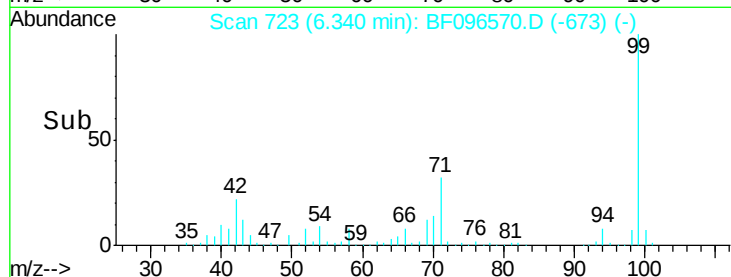
71 32.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.10 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

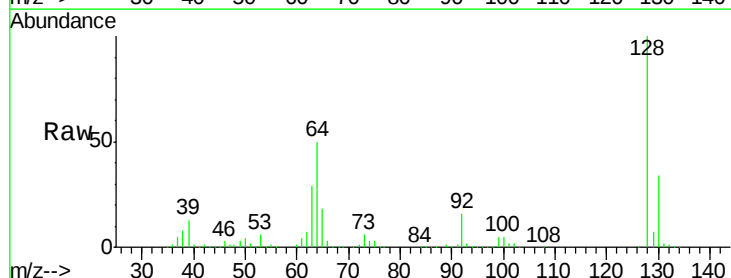
Tgt Ion:128 Resp: 287610

Ion Ratio Lower Upper

128 100

130 33.5 12.9 52.9

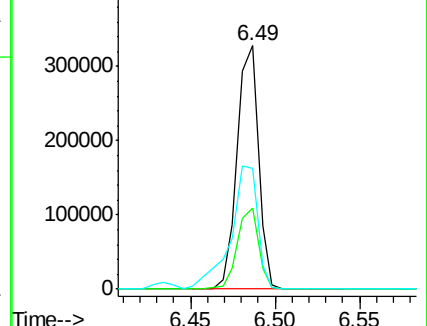
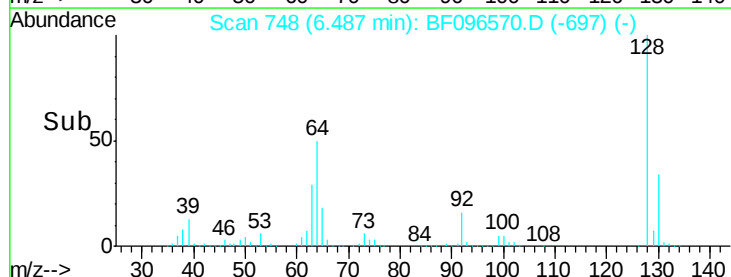
64 49.5 28.4 68.4

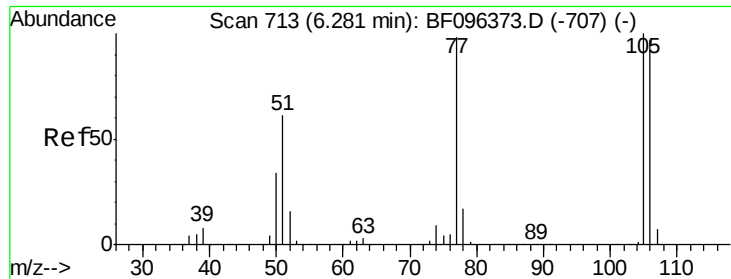


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.15 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

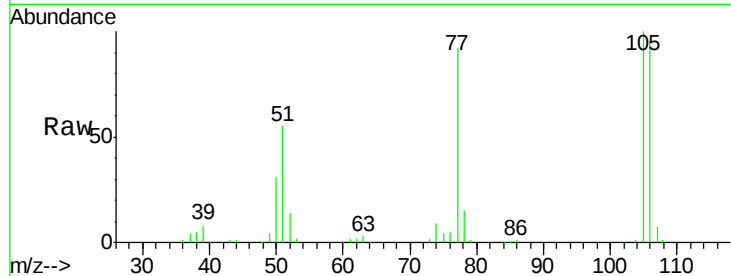
Tot Ion: 77 Resp: 96319

Ion Ratio Lower Upper

77 100

105 108.6 83.8 123.8

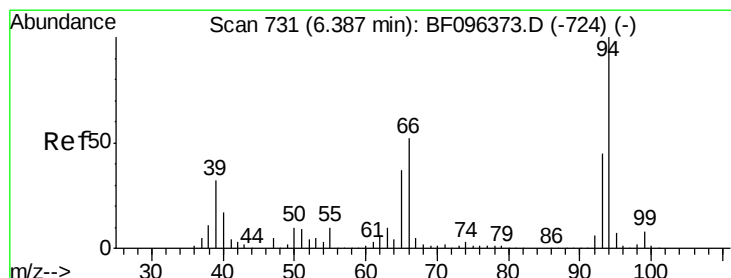
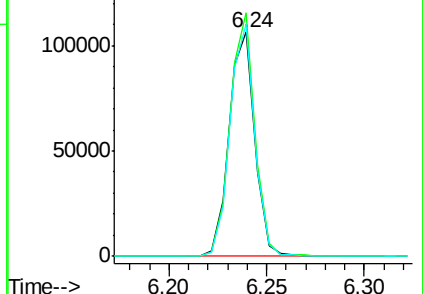
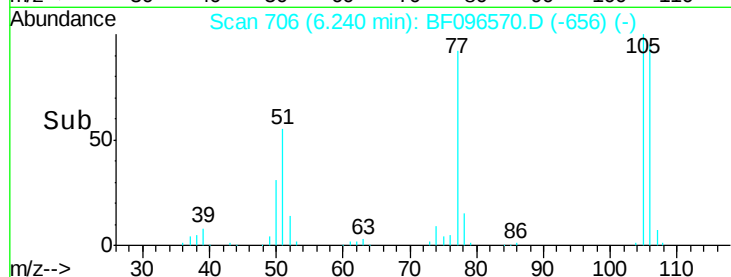
106 103.5 79.1 119.1



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: 35.95 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

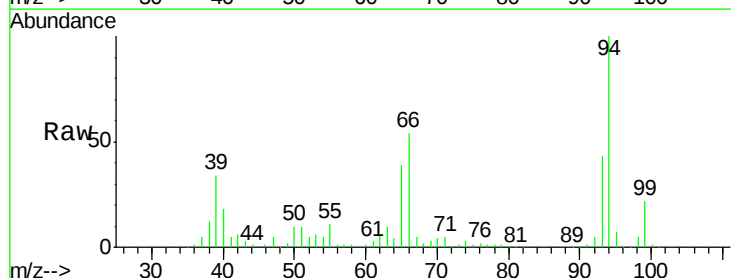
Tgt Ion: 94 Resp: 347279

Ion Ratio Lower Upper

94 100

65 38.8 9.9 49.9

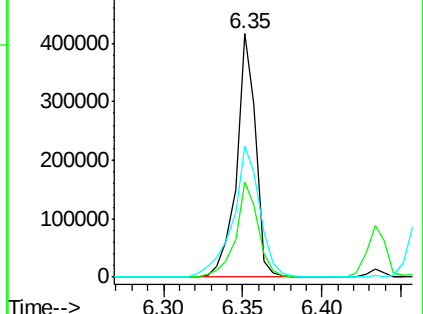
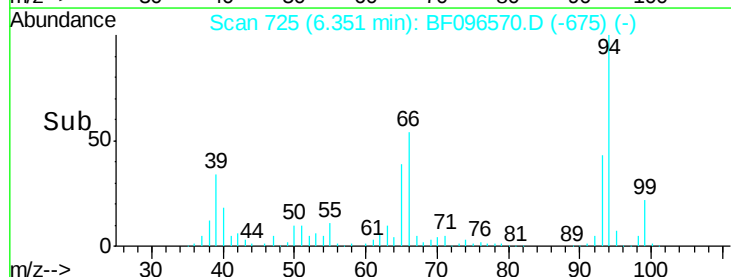
66 54.0 23.1 63.1

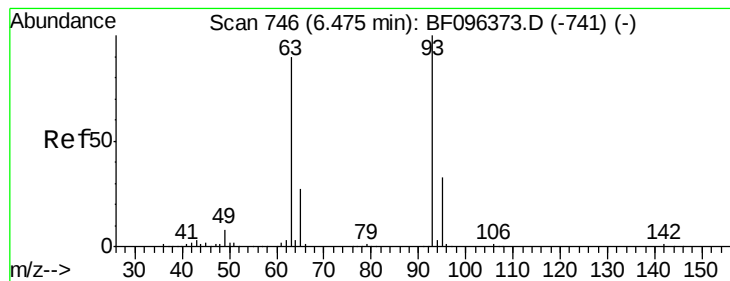


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.97 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Instrument :

BNA_F

ClientSampled :

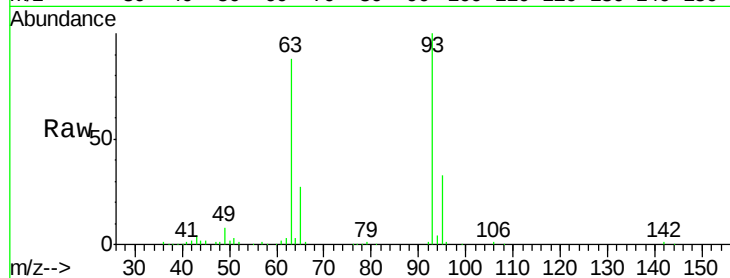
Tot Ion: 93 Resp: 275988

Ion Ratio Lower Upper

93 100

63 88.5 59.2 99.2

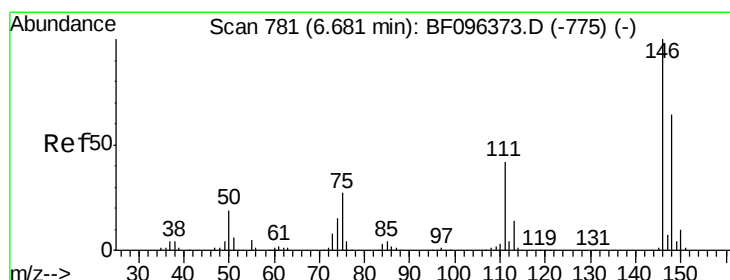
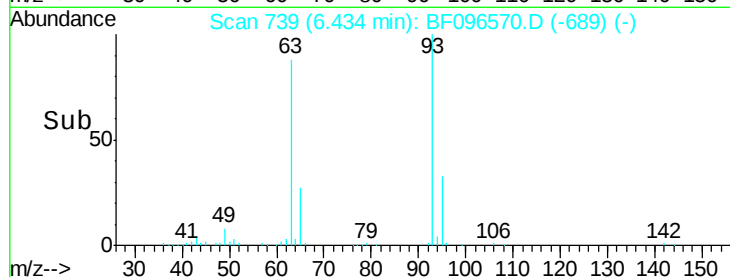
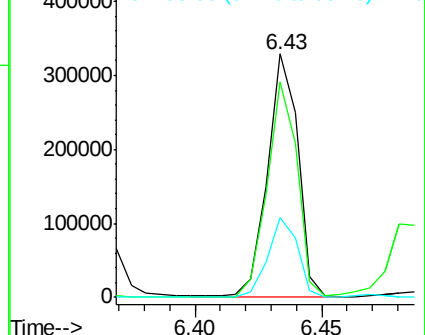
95 32.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.47 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

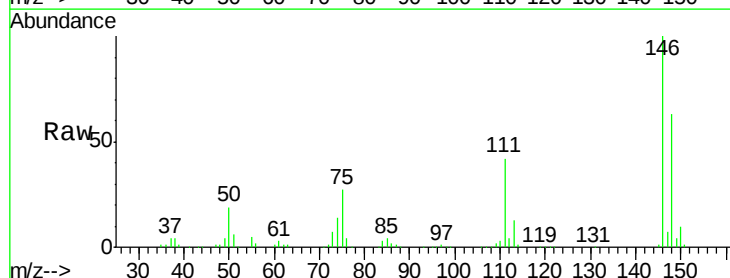
Tgt Ion: 146 Resp: 304413

Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.6

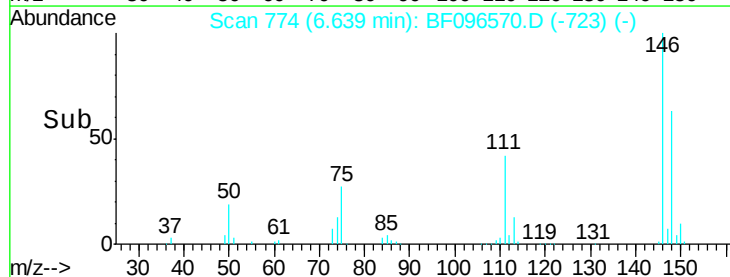
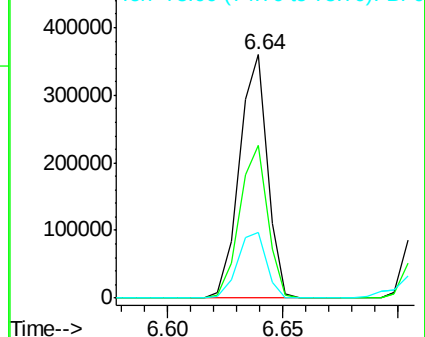
75 27.2 23.1 34.7

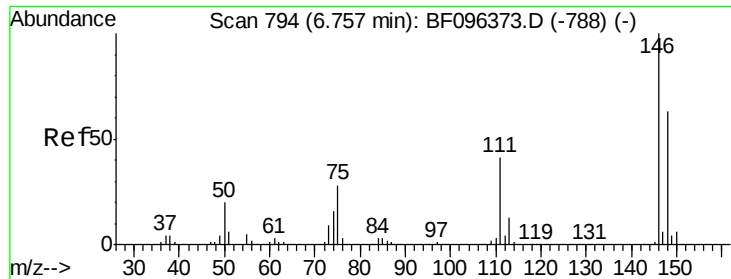


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

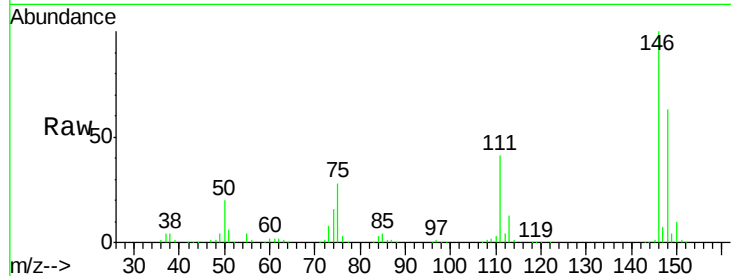




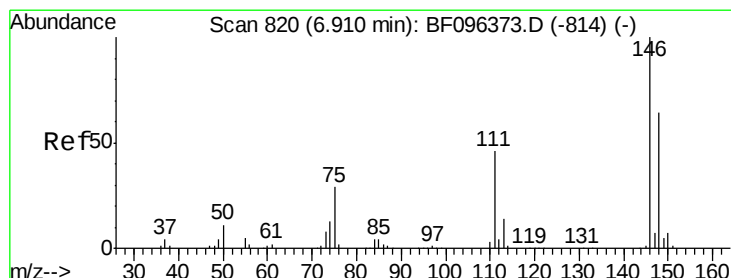
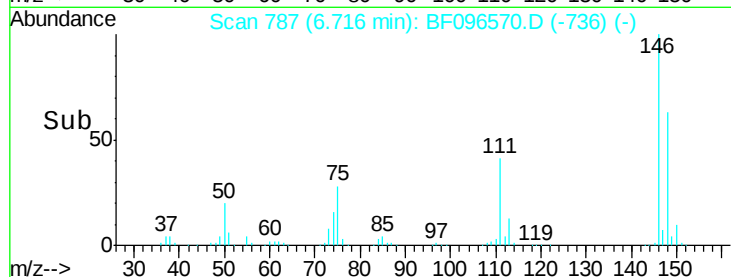
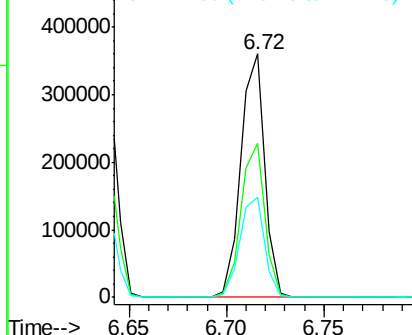
#13
 1,4-Dichlorobenzene
 Concen: 39.65 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:146 Resp: 305612
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 41.3 30.3 45.5

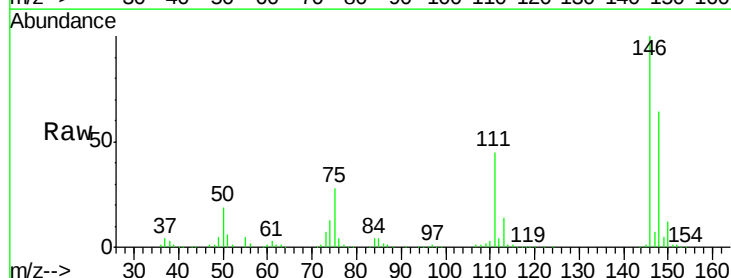


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

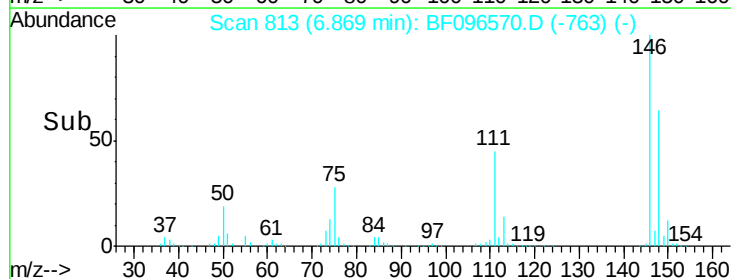
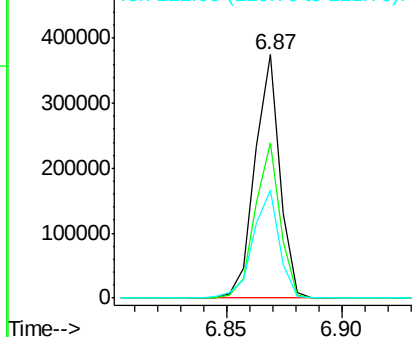


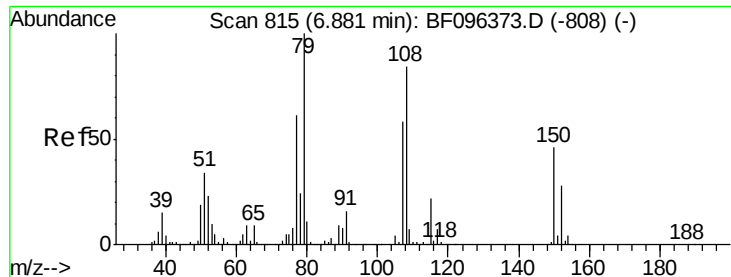
#14
 1,2-Dichlorobenzene
 Concen: 39.91 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Tgt Ion:146 Resp: 282445
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 44.6 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: 41.33 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

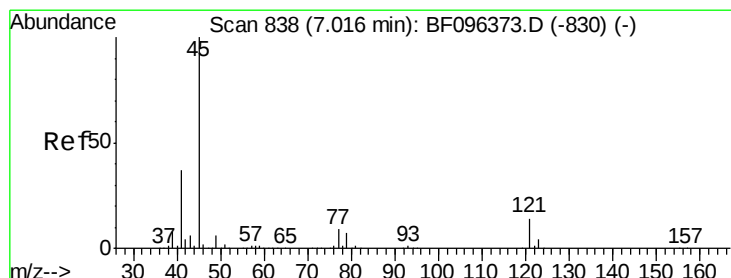
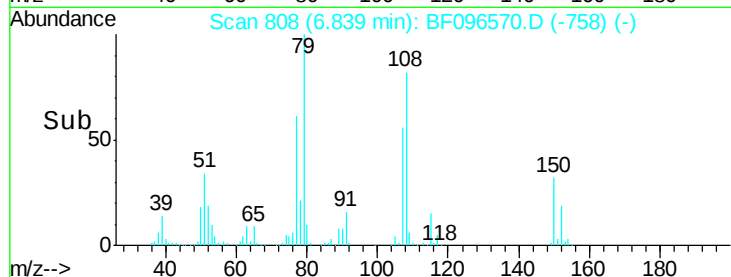
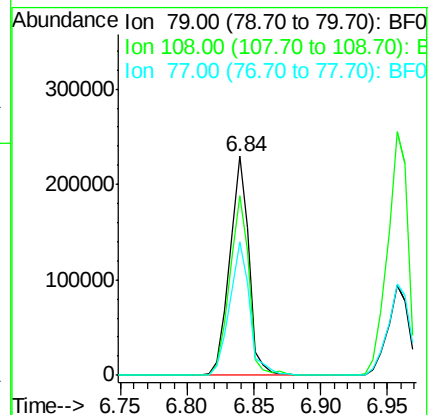
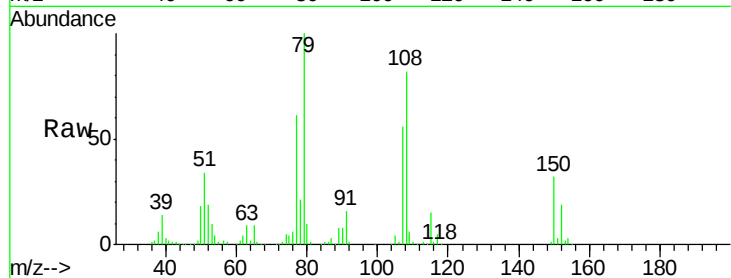
Tot Ion: 79 Resp: 234270

Ion Ratio Lower Upper

79 100

108 81.8 63.4 95.0

77 61.1 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.05 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

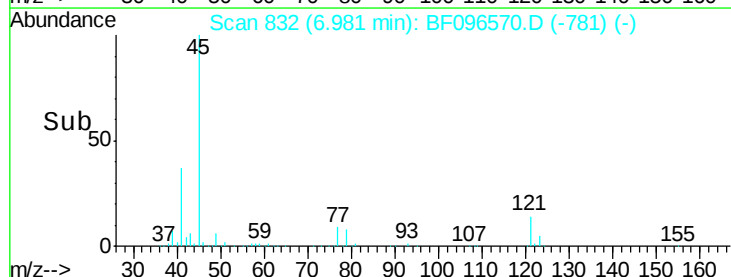
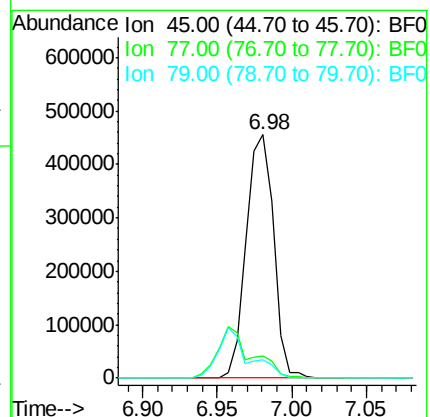
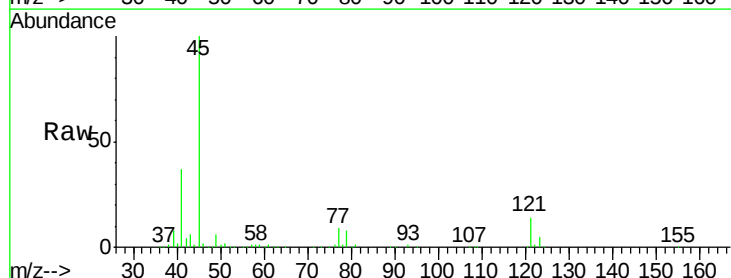
Tgt Ion: 45 Resp: 577523

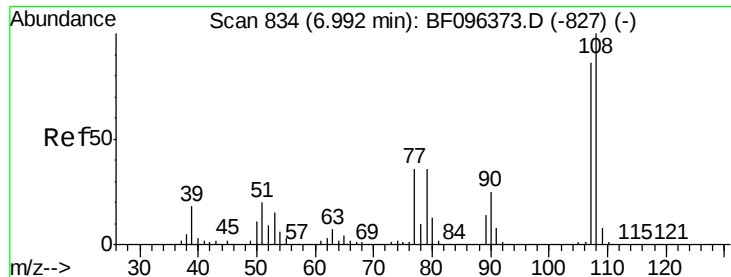
Ion Ratio Lower Upper

45 100

77 9.1 0.0 33.2

79 7.5 0.0 30.0

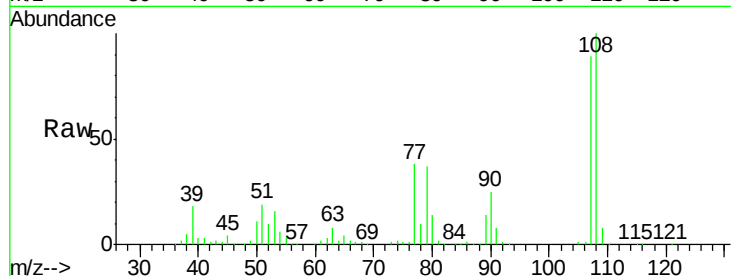




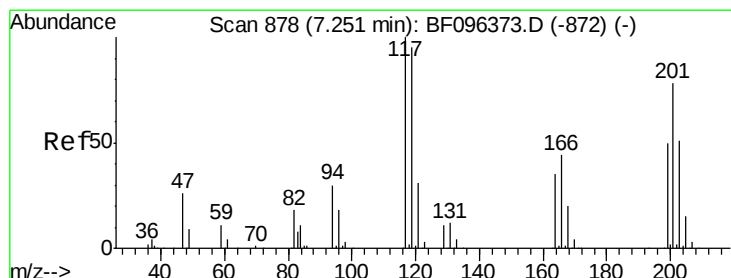
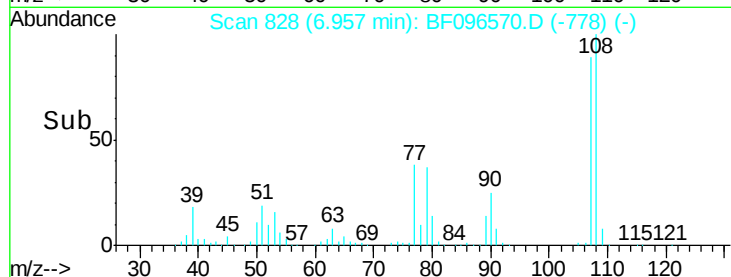
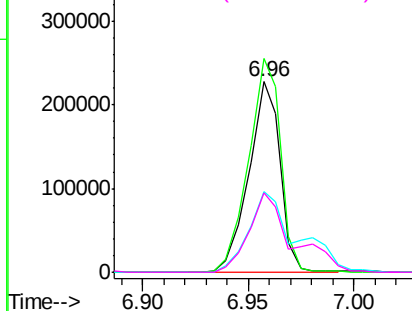
#17
2-Methylphenol
Concen: 39.99 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 234414
Ion Ratio Lower Upper
107 100
108 112.1 93.4 140.0
77 42.3 35.8 53.6
79 41.4 34.8 52.2

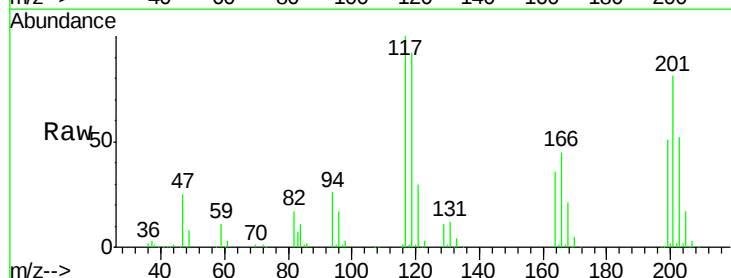


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

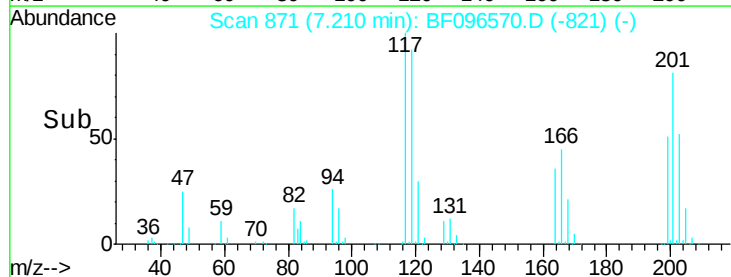
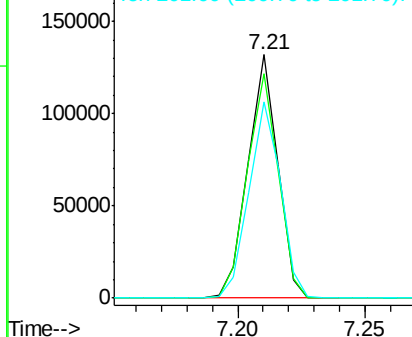


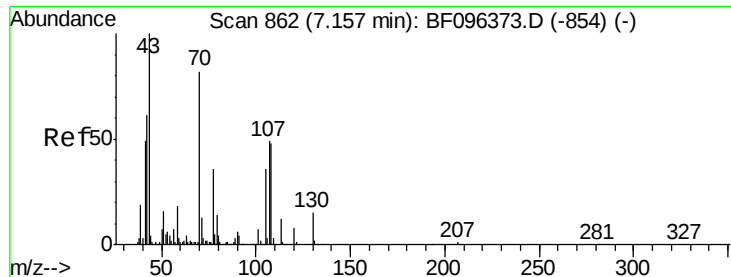
#18
Hexachloroethane
Concen: 38.99 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion:117 Resp: 108978
Ion Ratio Lower Upper
117 100
119 92.4 77.4 116.0
201 80.5 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

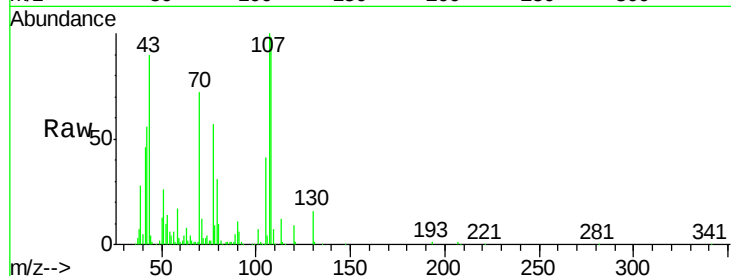




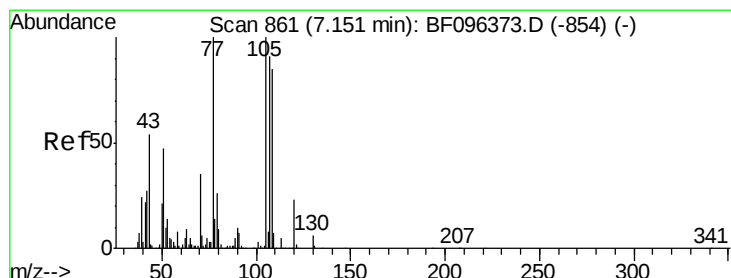
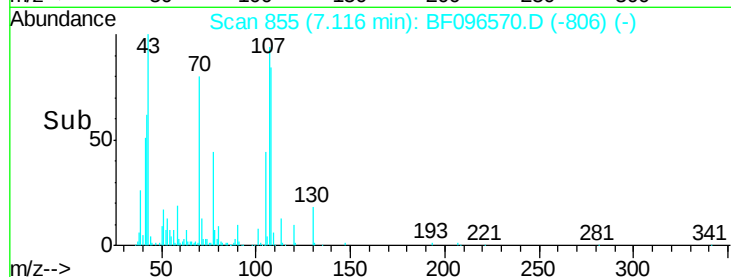
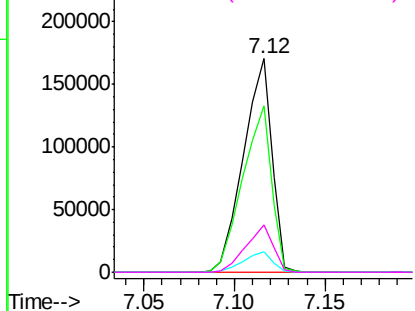
#19
n-Nitroso-di-n-propylamine
Concen: 36.88 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 186320
Ion Ratio Lower Upper
70 100
42 78.0 47.2 70.8#
101 9.5 7.2 10.8
130 21.9 15.9 23.9

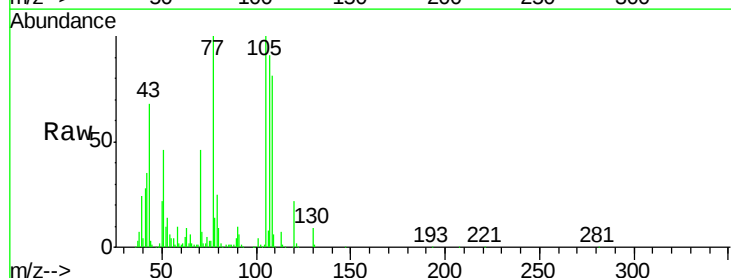


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

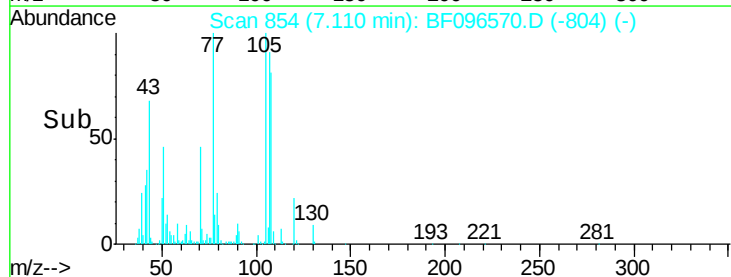
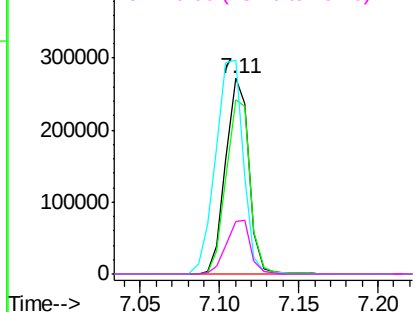


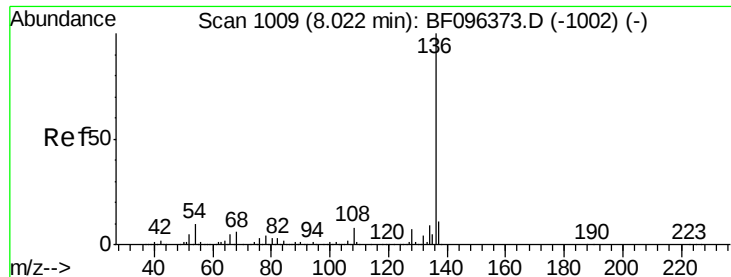
#20
3+4-Methylphenols
Concen: 42.53 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion: 107 Resp: 278083
Ion Ratio Lower Upper
107 100
108 89.0 71.0 111.0
77 109.4 90.5 130.5
79 26.8 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 443068

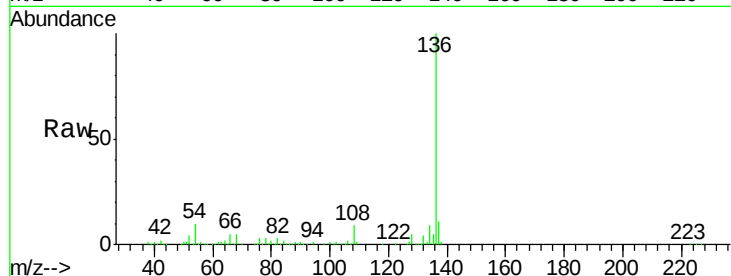
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.6 4.9 7.3#

68 4.9 4.1 6.1

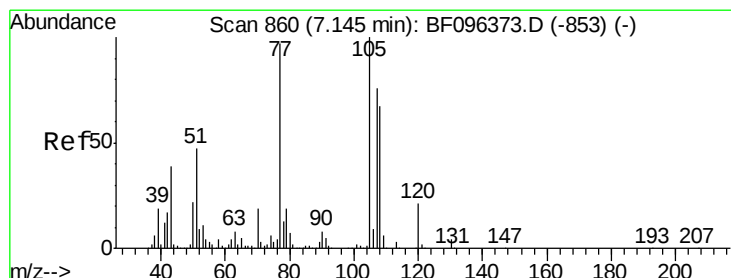
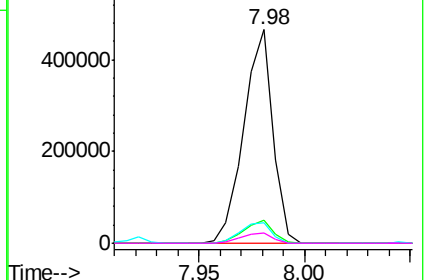
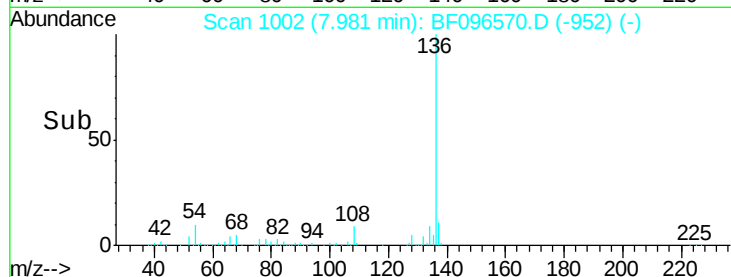


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.62 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Tgt Ion:105 Resp: 373846

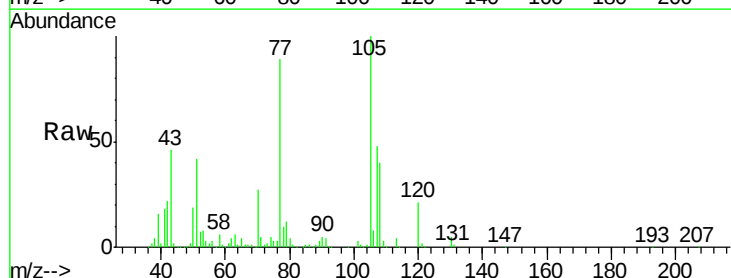
Ion Ratio Lower Upper

105 100

71 4.9 2.8 4.2#

51 42.0 30.7 46.1

120 21.2 17.4 26.0

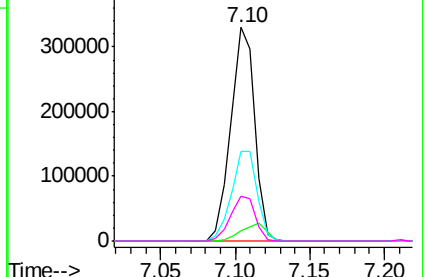
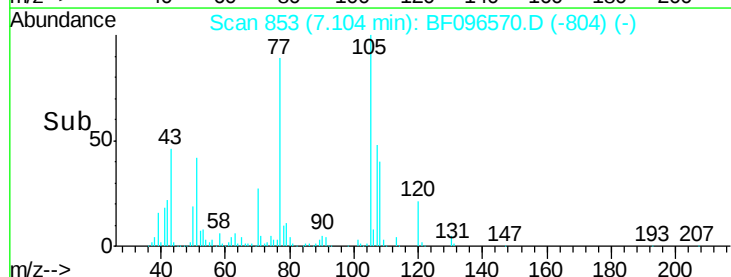


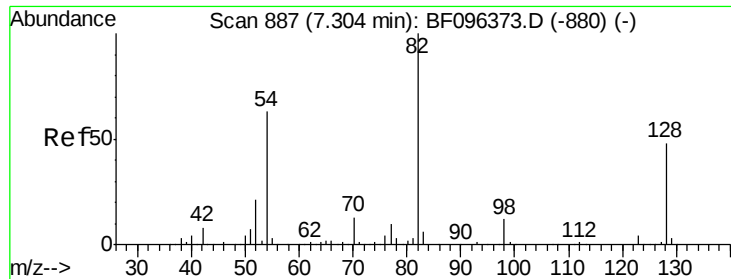
Abundance Ion 105.00 (104.70 to 105.70): E

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

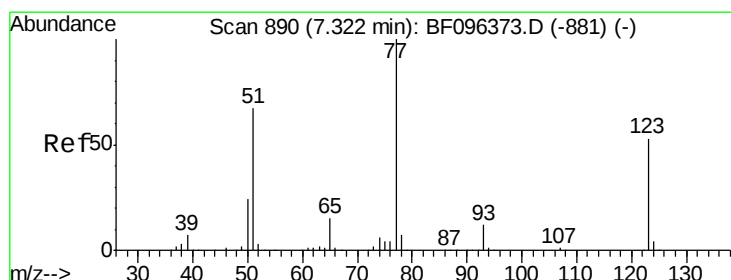
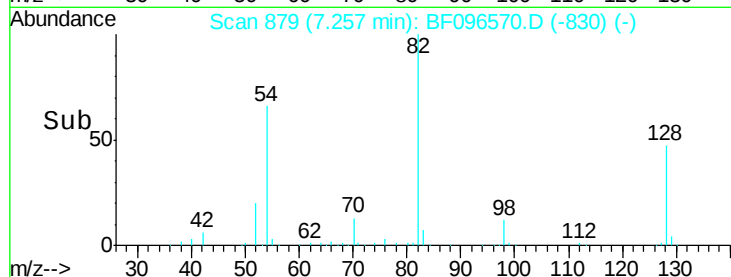
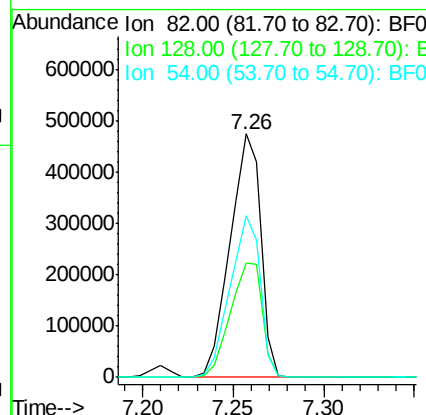
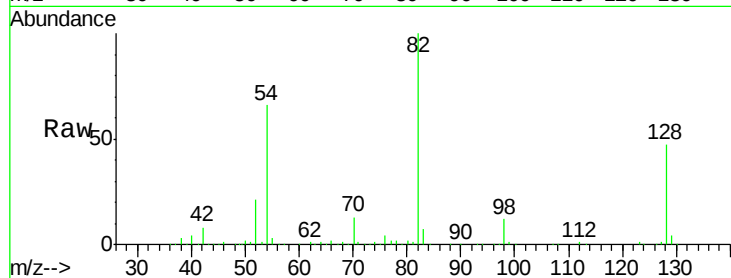




#23
Nitrobenzene-d5
Concen: 75.48 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

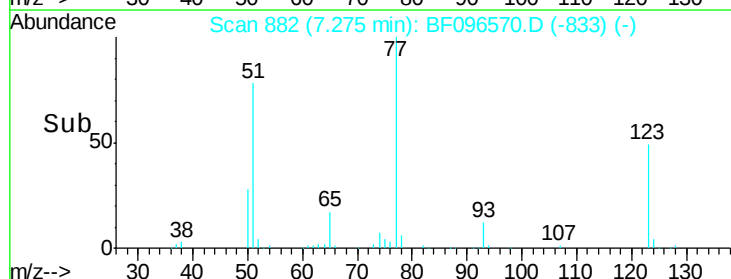
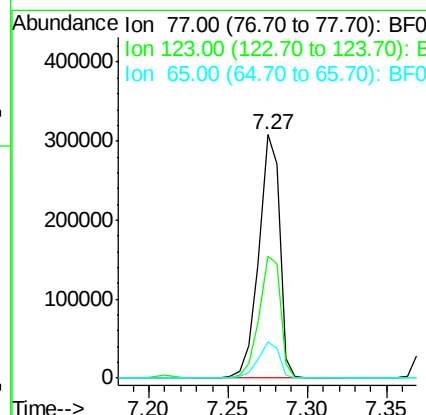
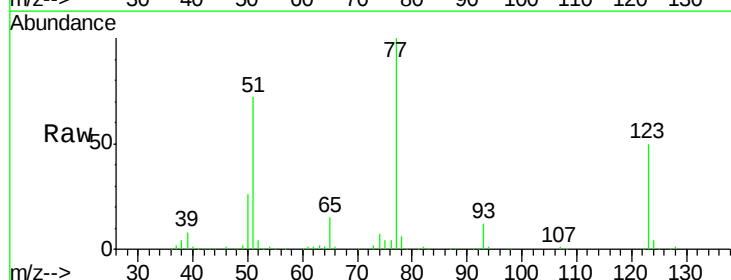
Instrument :
BNA_F
ClientSampleId :

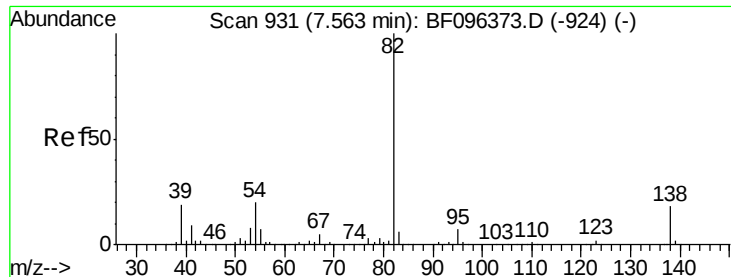
Tot Ion: 82 Resp: 556522
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 66.4 42.2 63.2#



#24
Nitrobenzene
Concen: 36.59 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion: 77 Resp: 283056
Ion Ratio Lower Upper
77 100
123 50.1 35.8 53.8
65 15.0 10.6 15.8

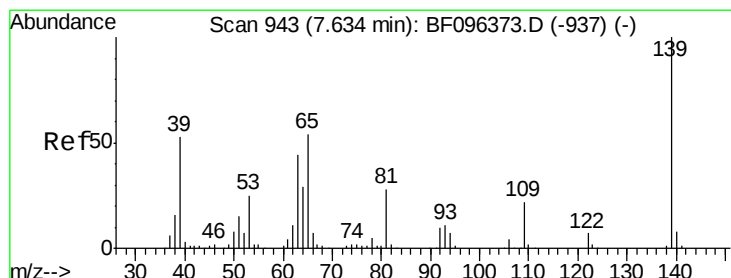
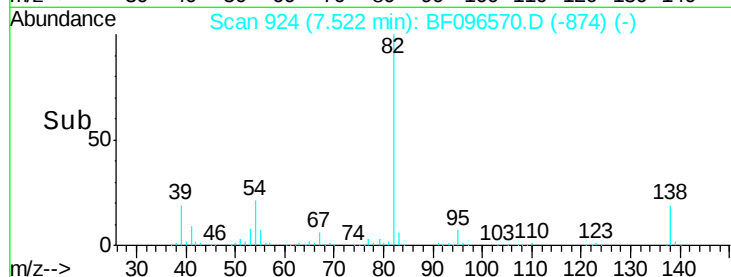
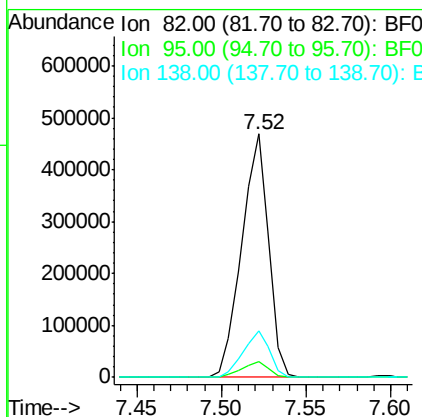
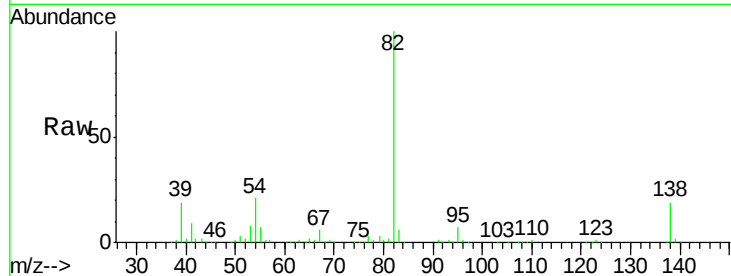




#25
Isophorone
Concen: 36.50 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

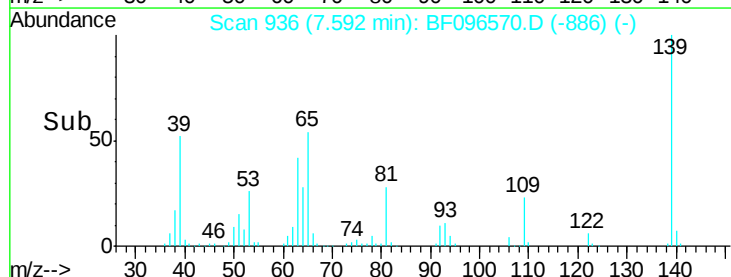
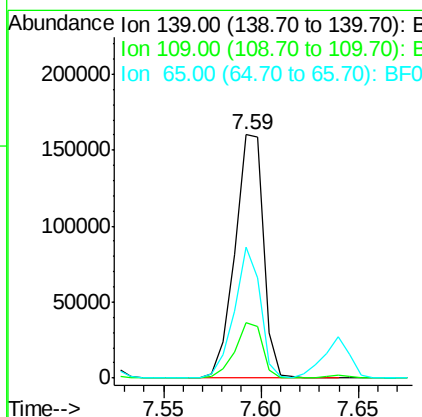
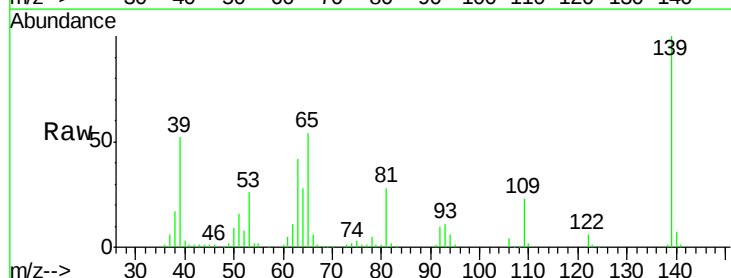
Instrument :
BNA_F
ClientSampleId :

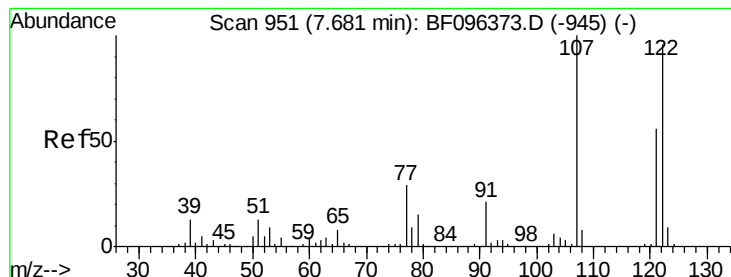
Tot Ion: 82 Resp: 521840
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 19.1 13.1 19.7



#26
2-Nitrophenol
Concen: 39.70 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion: 139 Resp: 162532
Ion Ratio Lower Upper
139 100
109 23.0 21.0 31.6
65 53.5 33.0 49.6#

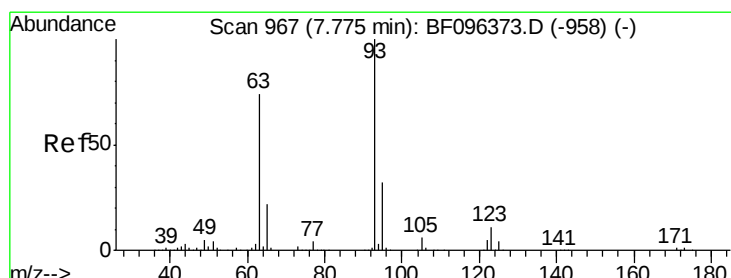
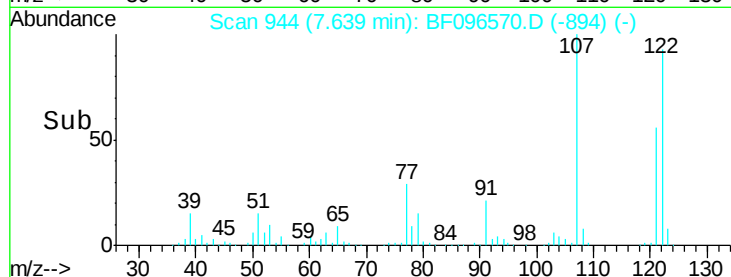
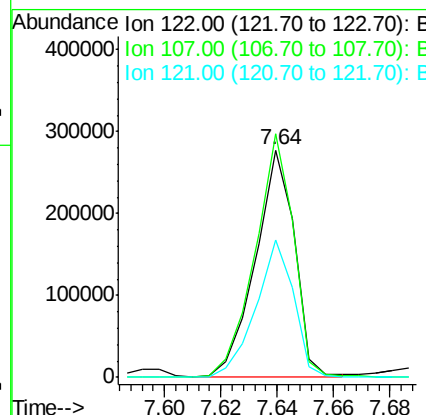
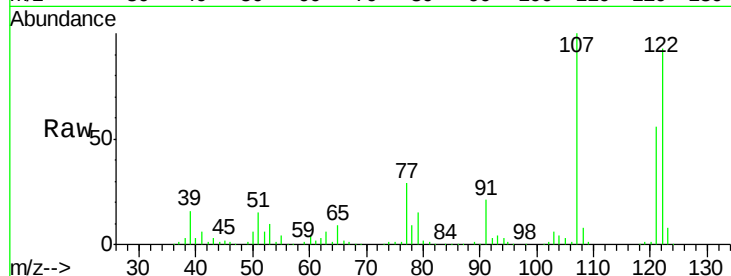




#27
 2,4-Dimethylphenol
 Concen: 38.32 ng
 RT: 7.64 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

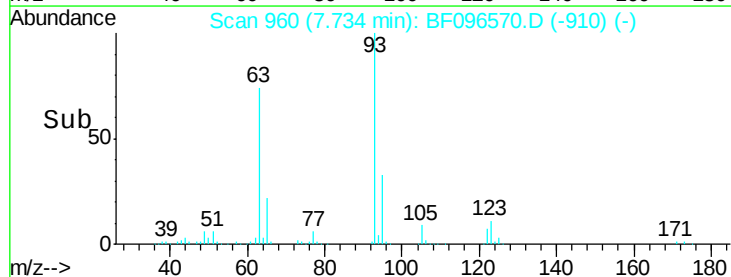
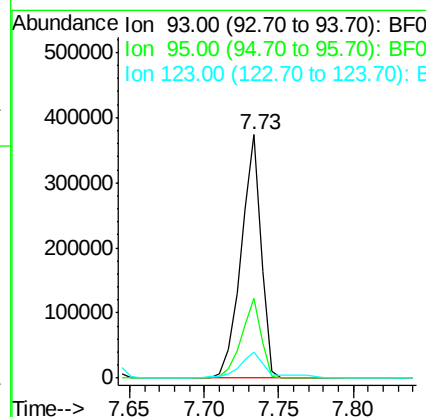
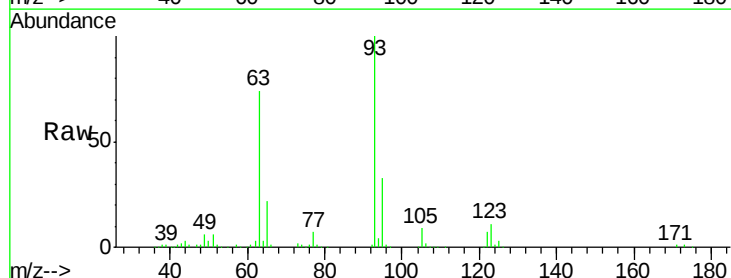
Instrument :
 BNA_F
 ClientSampleId :

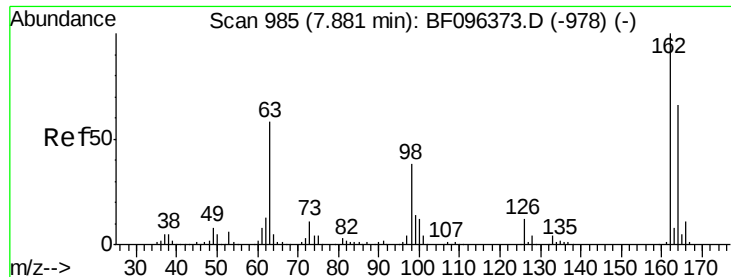
Tot Ion:122 Resp: 267105
 Ion Ratio Lower Upper
 122 100
 107 107.2 89.2 133.8
 121 60.4 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.05 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Tgt Ion: 93 Resp: 349676
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 10.8 9.0 13.4

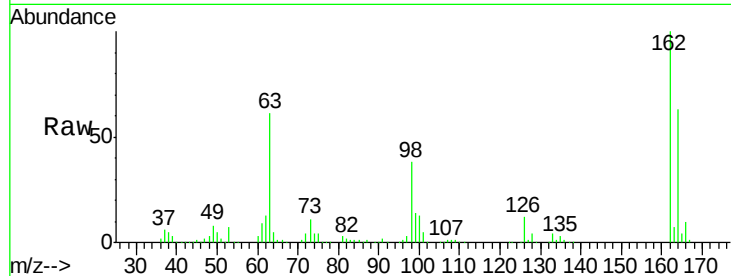




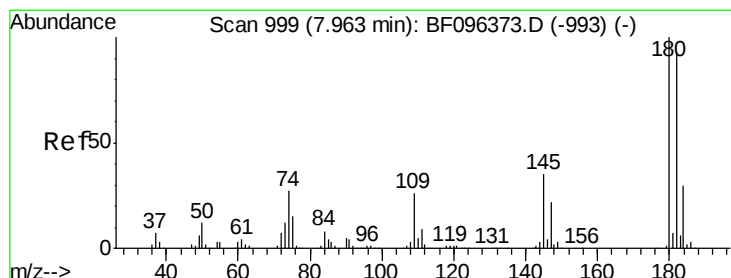
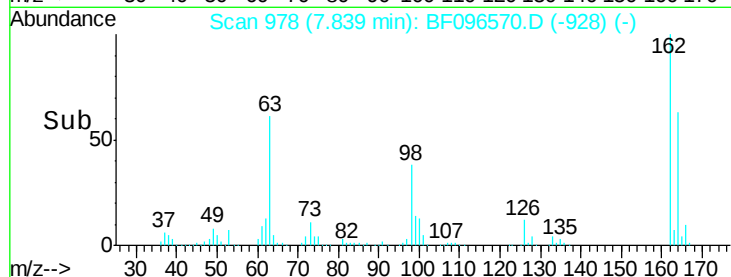
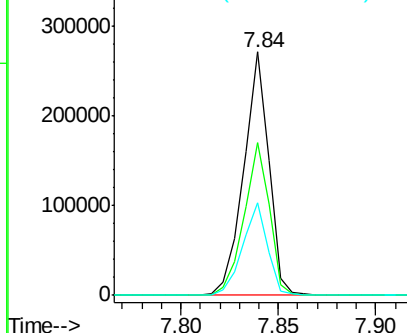
#29
 2,4-Dichlorophenol
 Concen: 40.47 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 243409
 Ion Ratio Lower Upper
 162 100
 164 62.9 44.6 84.6
 98 37.9 14.8 54.8

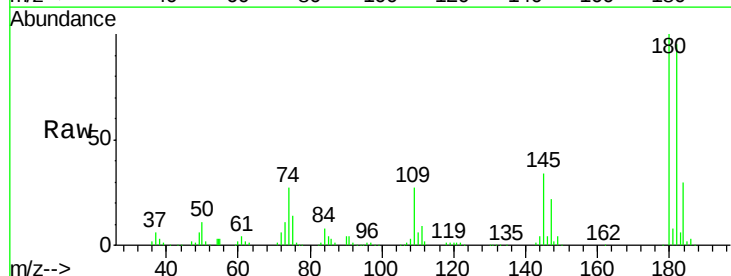


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

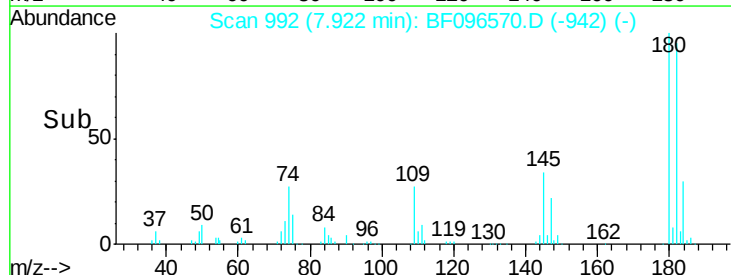
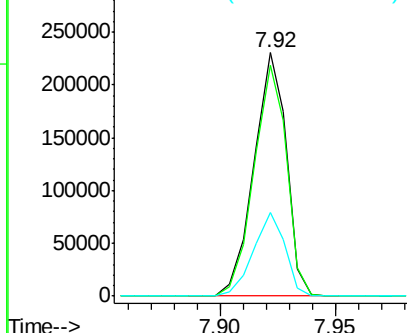


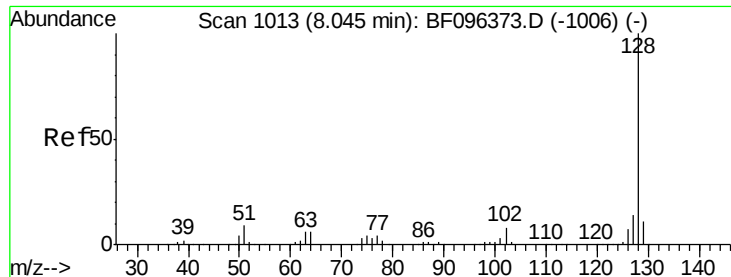
#30
 1,2,4-Trichlorobenzene
 Concen: 39.79 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Tgt Ion:180 Resp: 225771
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.8 113.6
 145 34.5 25.3 37.9



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

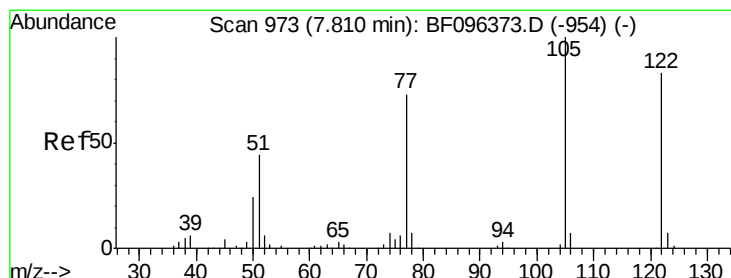
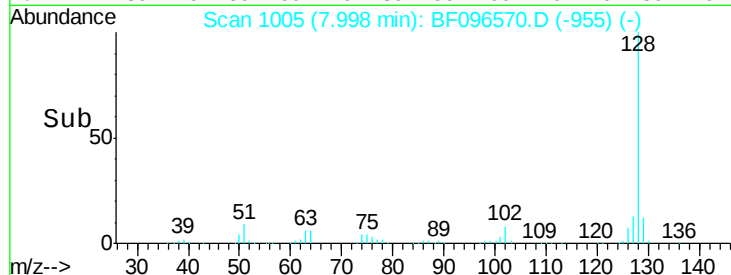
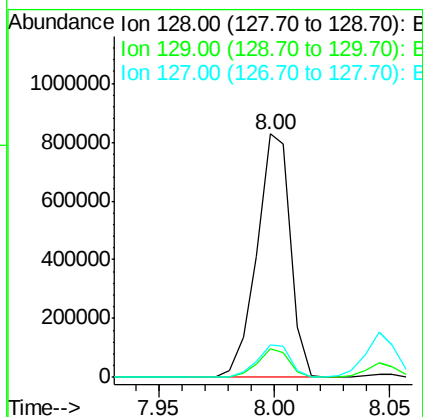
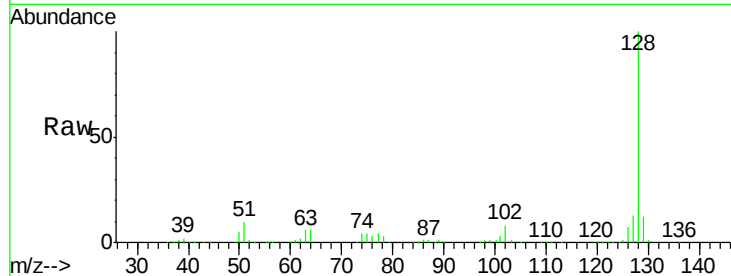




#31
Naphthalene
Concen: 39.96 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

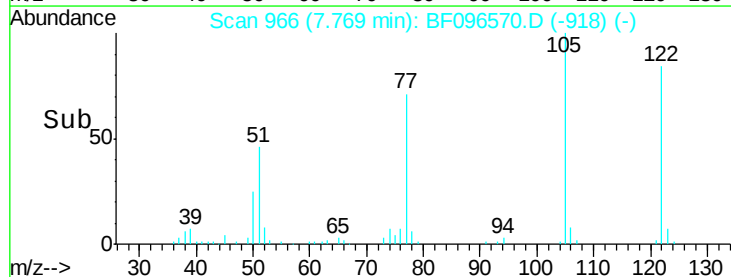
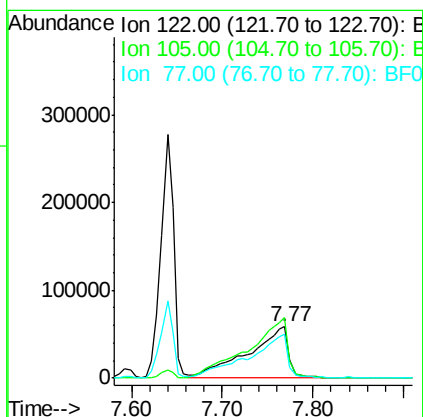
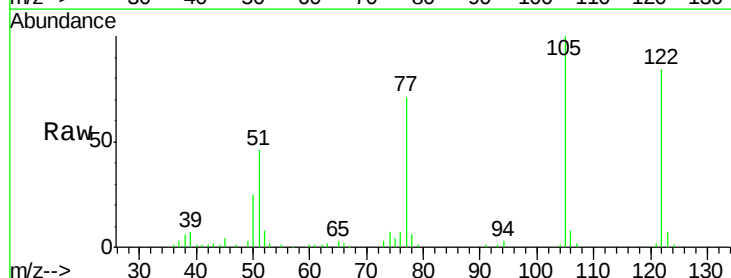
Instrument :
BNA_F
ClientSampleId :

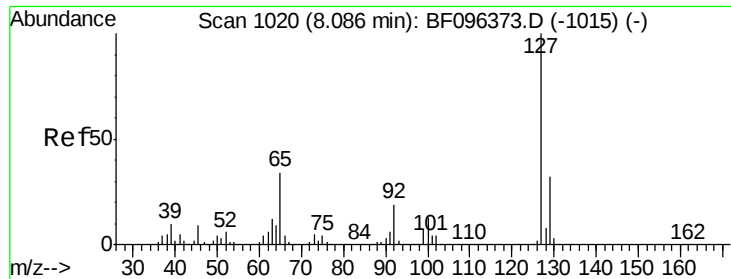
Tot Ion:128 Resp: 835922
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 30.52 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion:122 Resp: 178710
Ion Ratio Lower Upper
122 100
105 118.9 103.3 143.3
77 85.0 73.7 113.7

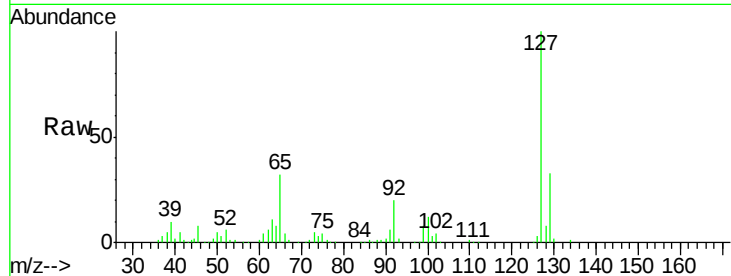




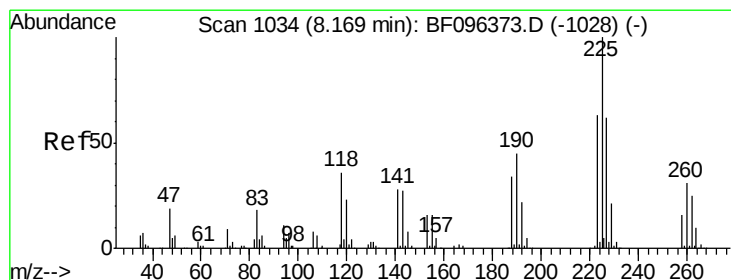
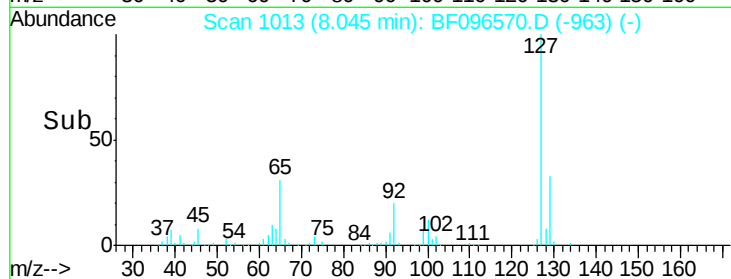
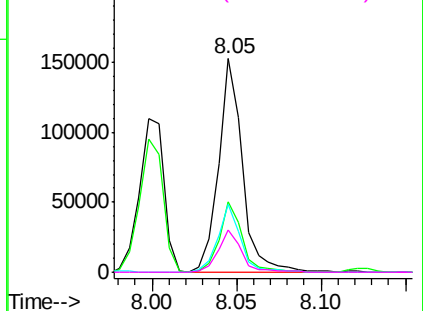
#33
4-Chloroaniline
Concen: 17.25 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	149836
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	32.0	27.8	41.8
92	19.6	16.8	25.2

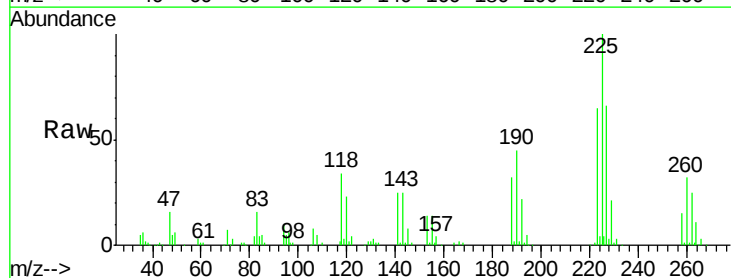


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

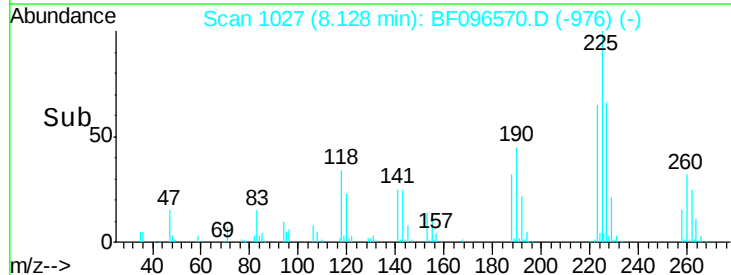
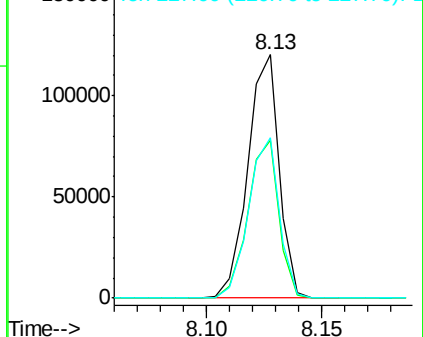


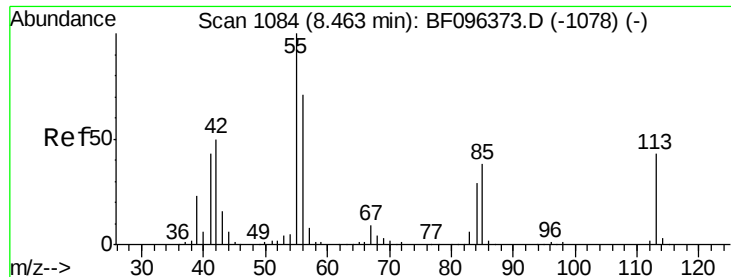
#34
Hexachlorobutadiene
Concen: 39.22 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion:	225	Resp:	114120
Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.8	73.2
227	66.1	51.1	76.7



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

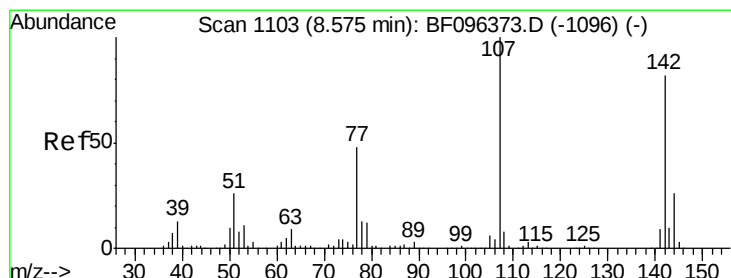
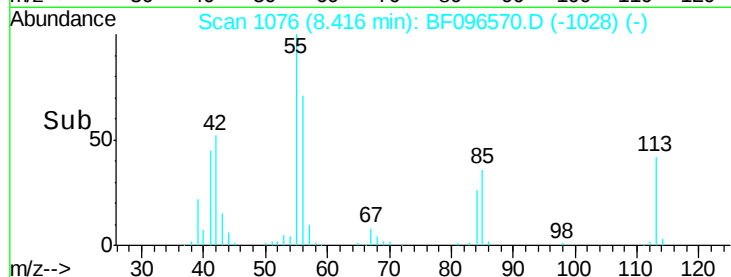
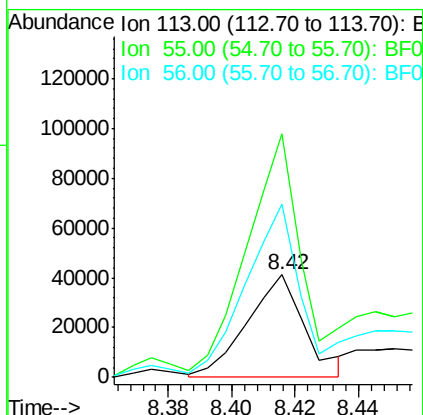
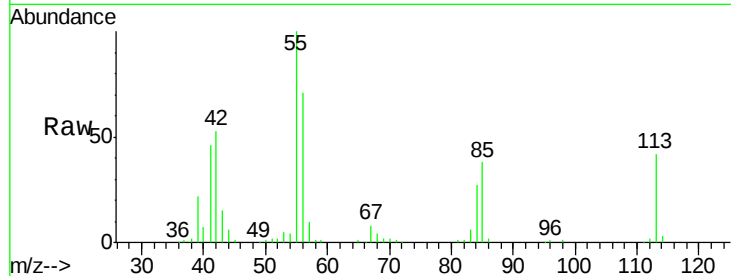




#35
 Caprolactam
 Concen: 24.95 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

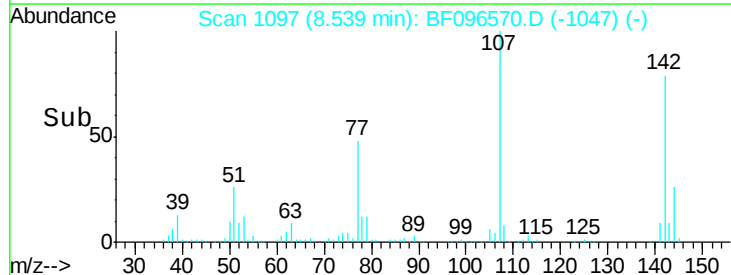
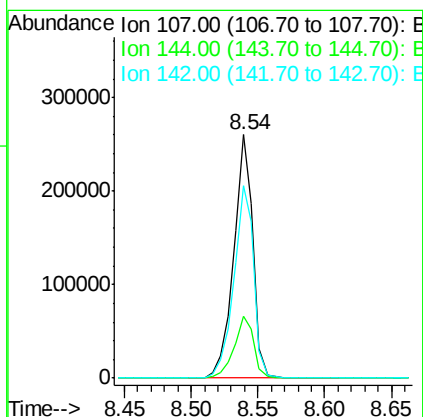
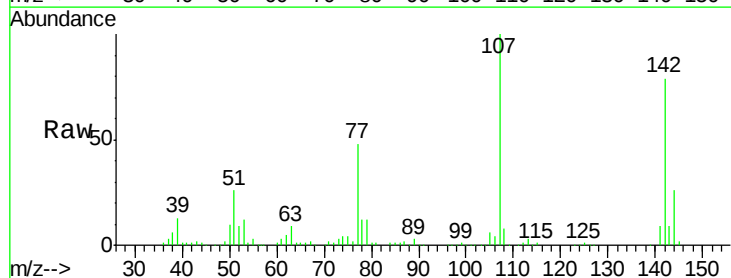
Instrument :
 BNA_F
 ClientSampled :

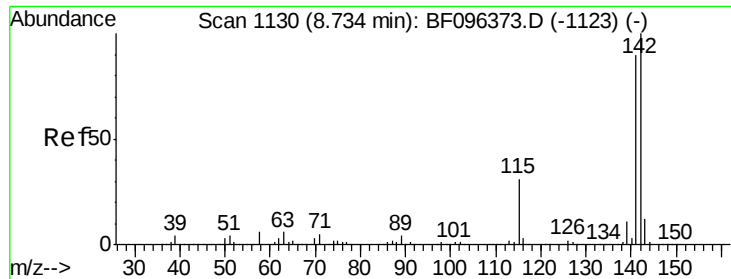
Tot Ion:113 Resp: 51757
 Ion Ratio Lower Upper
 113 100
 55 237.6 150.2 190.2#
 56 168.9 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.33 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Tgt Ion:107 Resp: 261761
 Ion Ratio Lower Upper
 107 100
 144 25.7 24.2 36.4
 142 79.2 73.4 110.0

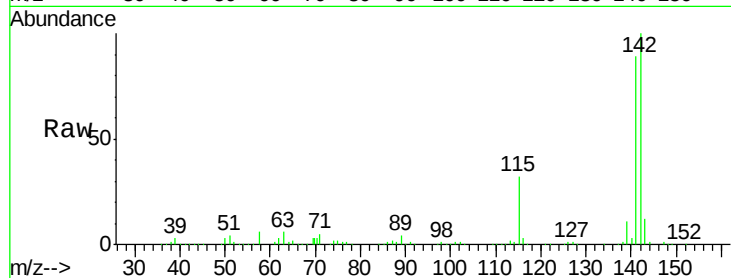




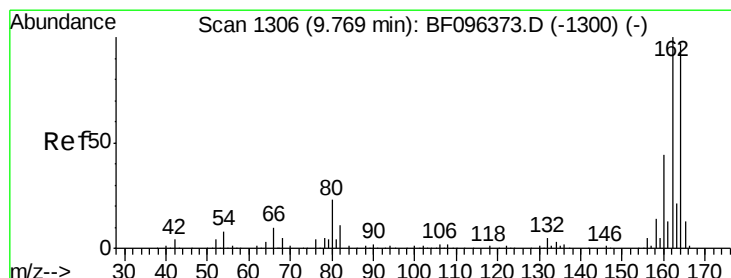
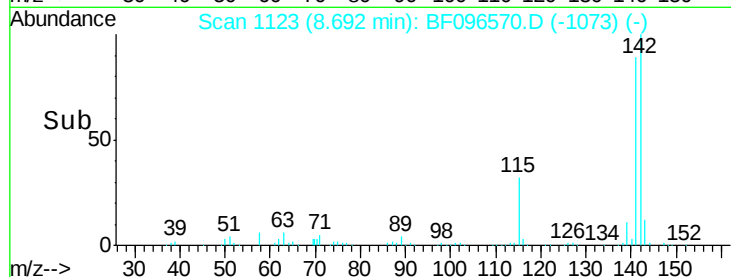
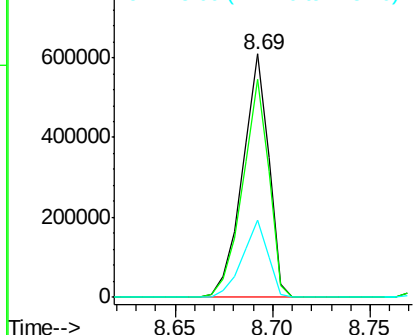
#37
 2-Methylnaphthalene
 Concen: 42.83 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 570228
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.3 106.9
 115 31.6 27.1 40.7

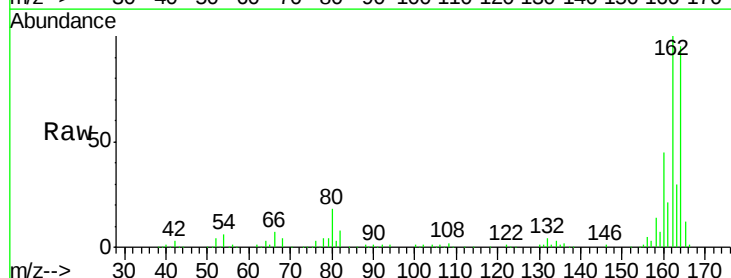


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

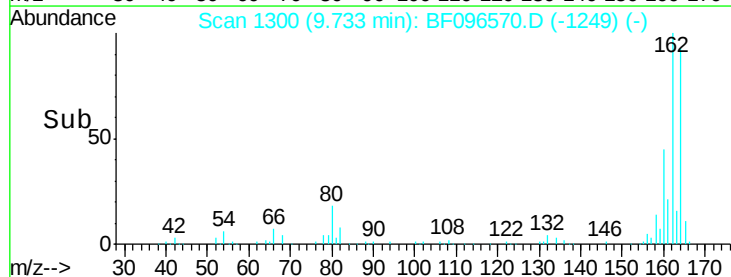
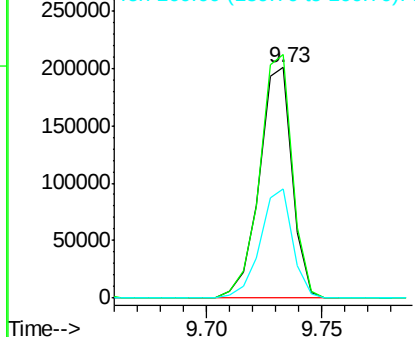


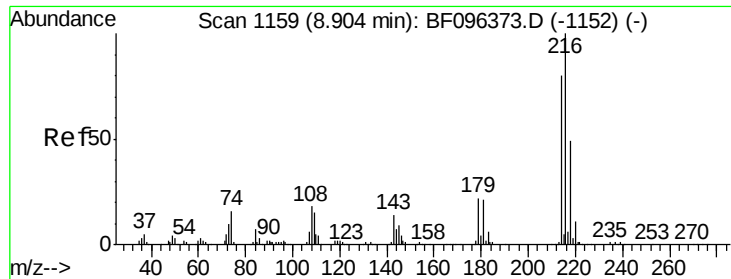
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Tgt Ion:164 Resp: 199405
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 47.4 36.2 54.2



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

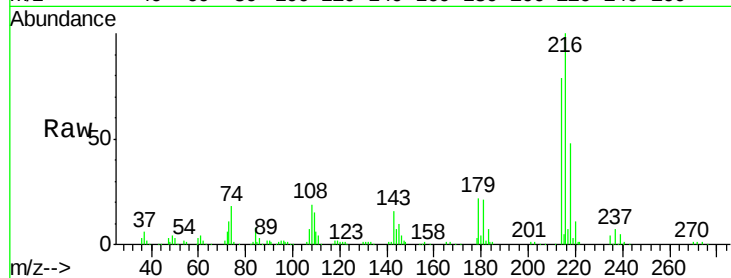




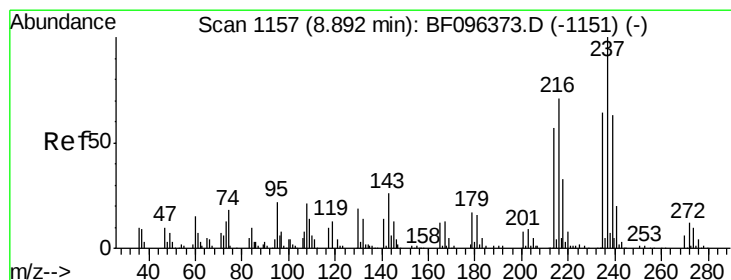
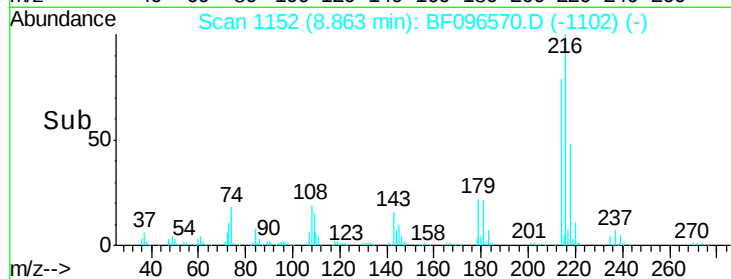
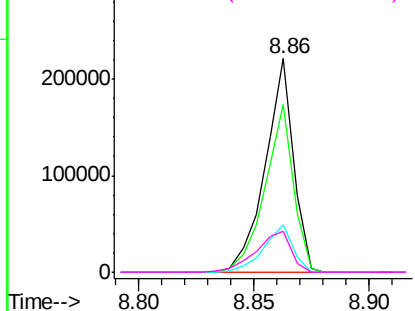
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.51 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	189014
Ion Ratio	Lower	Upper
216	100	
214	79.1	63.4 95.2
179	22.7	17.9 26.9
108	23.8	16.5 24.7

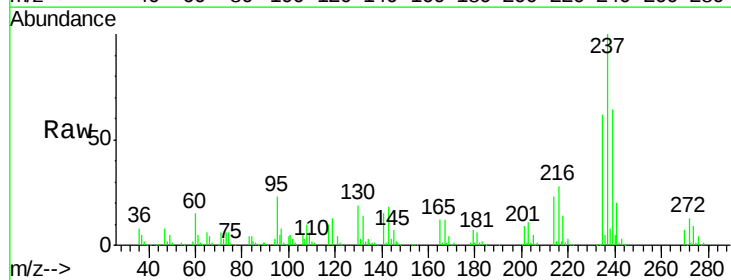


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

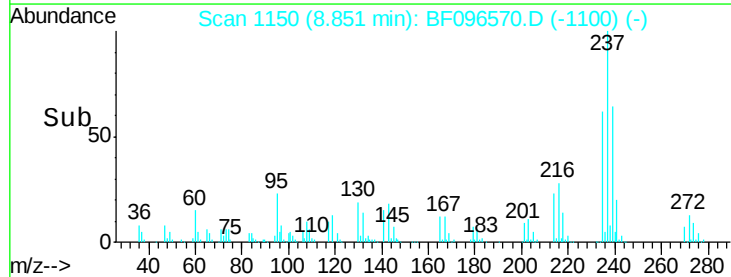
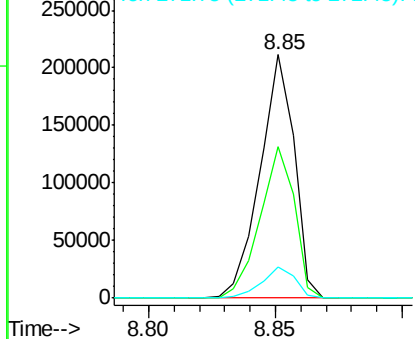


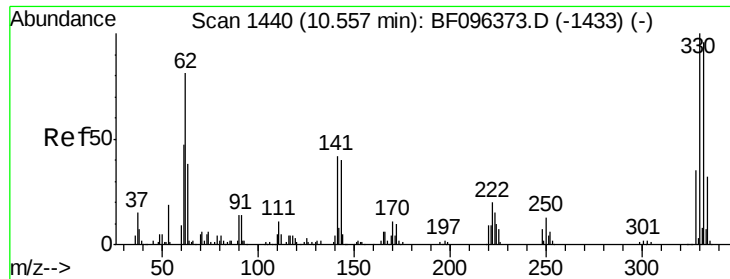
#40
 Hexachlorocyclopentadiene
 Concen: 79.47 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Tgt Ion:237	Resp:	200061
Ion Ratio	Lower	Upper
237	100	
235	62.4	42.6 82.6
272	12.6	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

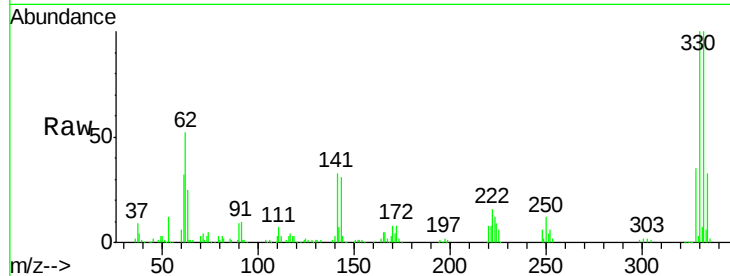




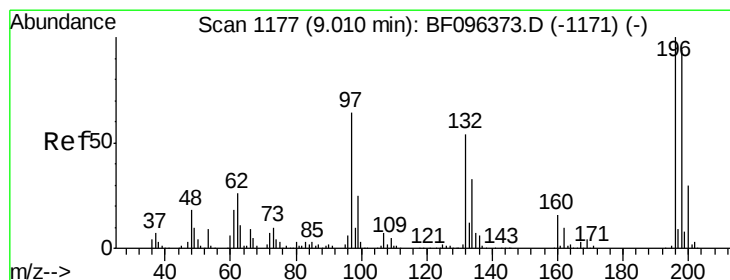
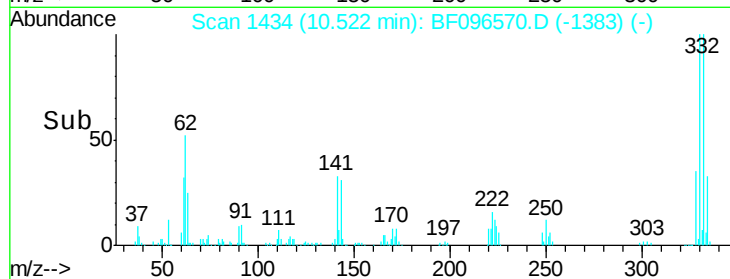
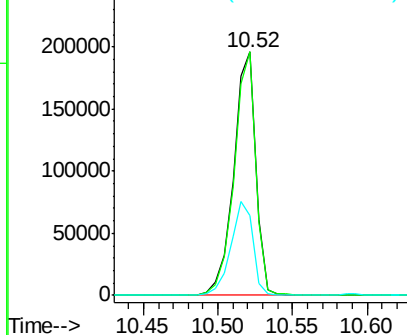
#41
 2,4,6-Tribromophenol
 Concen: 131.05 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 204127
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 38.7 31.4 47.2

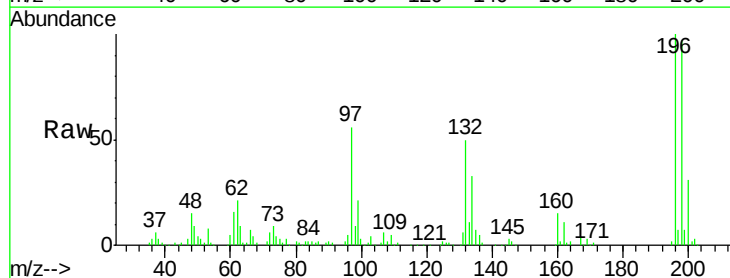


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

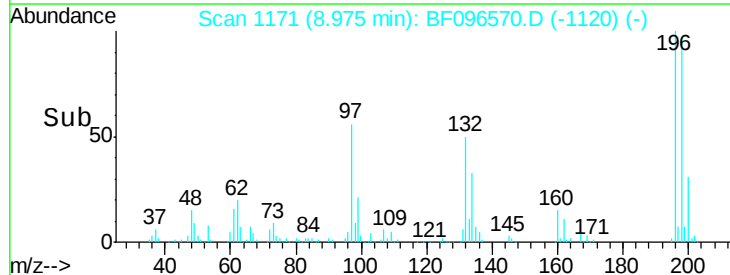
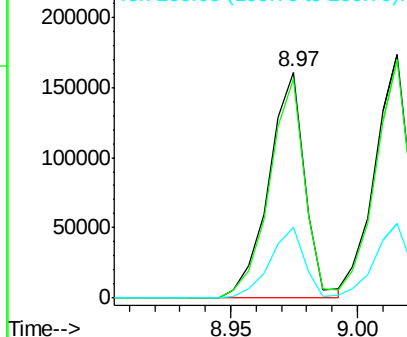


#42
 2,4,6-Trichlorophenol
 Concen: 38.65 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Tgt Ion:196 Resp: 158319
 Ion Ratio Lower Upper
 196 100
 198 96.9 74.2 111.4
 200 31.1 24.0 36.0



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

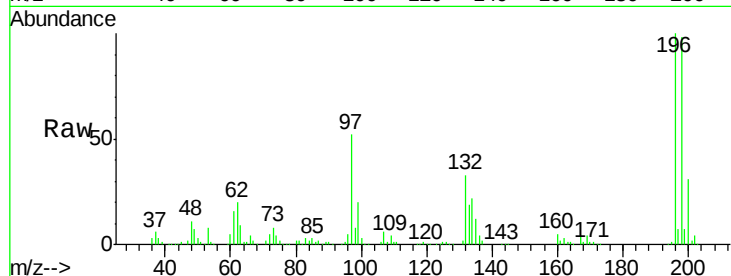




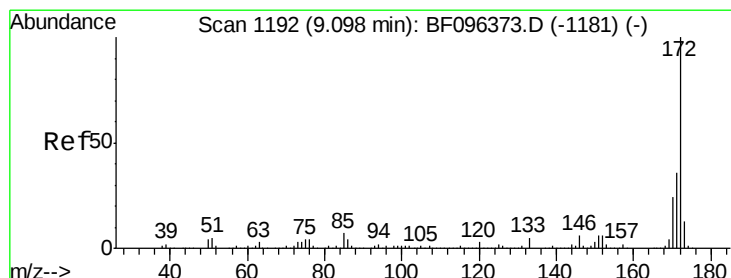
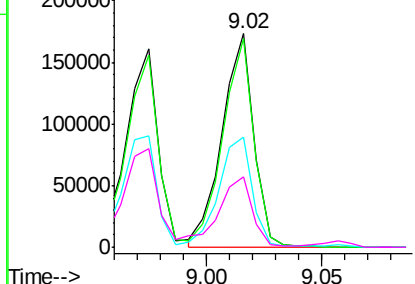
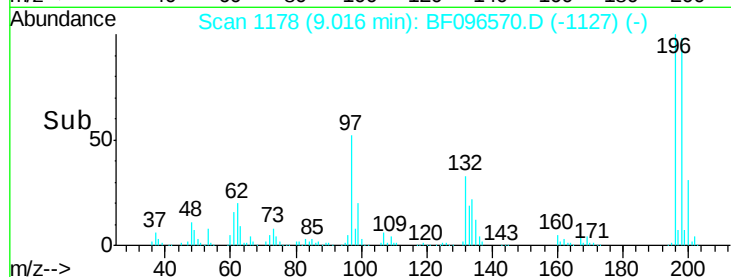
#43
 2,4,5-Trichlorophenol
 Concen: 40.91 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 165657
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.7 113.5
 97 51.7 47.7 71.5
 132 32.9 28.0 42.0

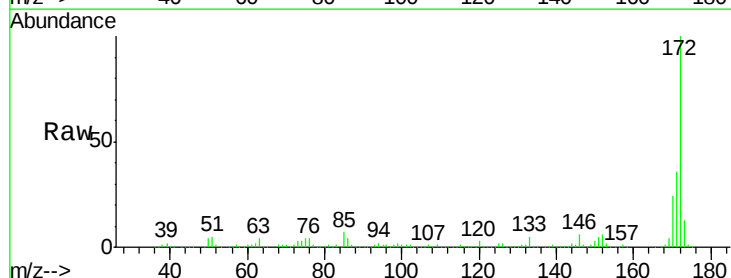


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

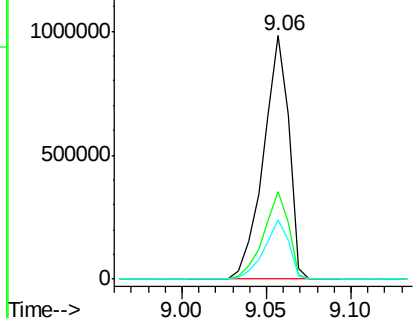
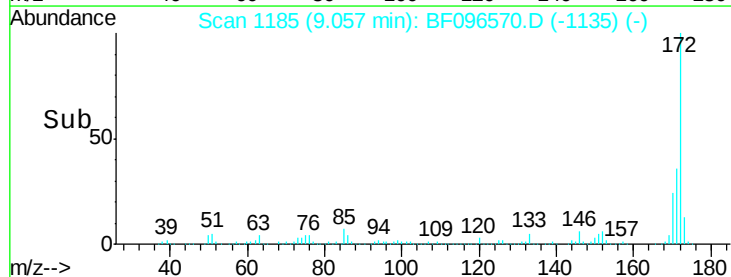


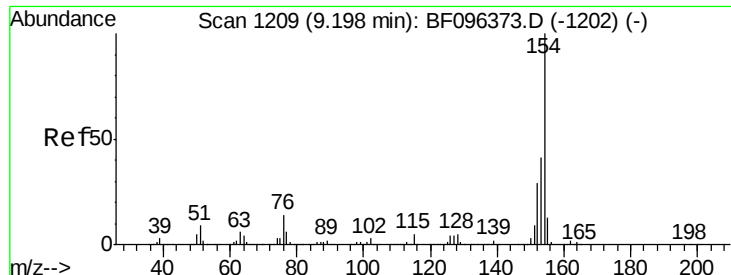
#44
 2-Fluorobiphenyl
 Concen: 87.13 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Tgt Ion:172 Resp: 1016115
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.2 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

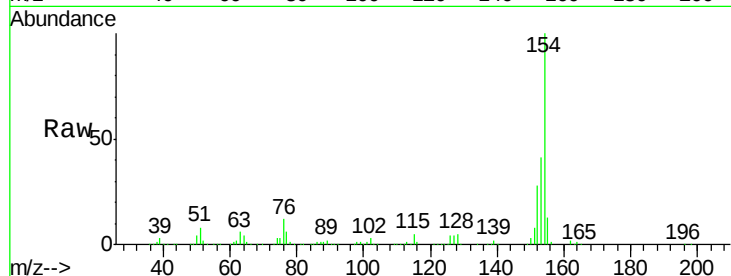




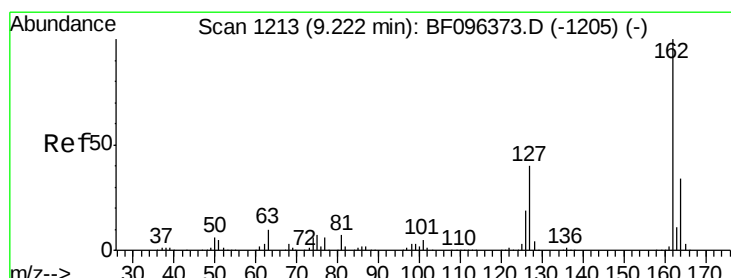
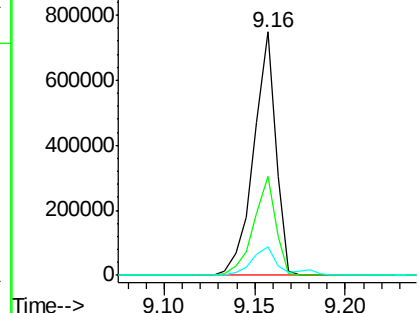
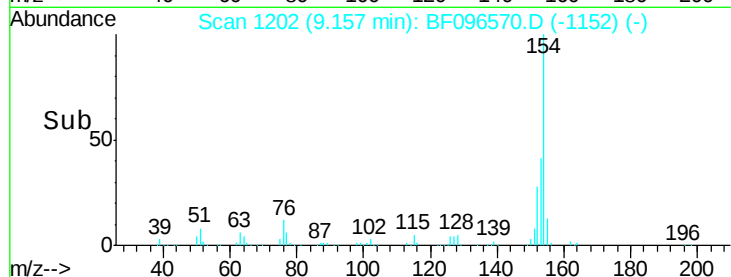
#45
 1,1'-Biphenyl
 Concen: 37.23 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.2	61.2
76	11.9	0.0	29.9

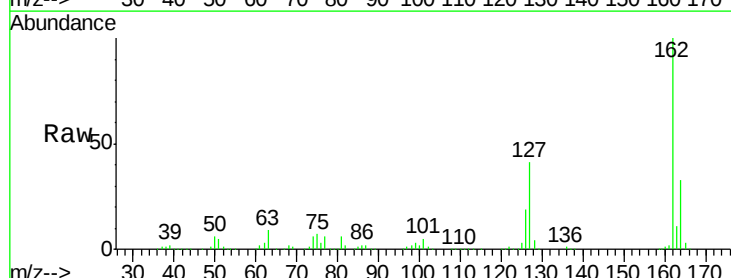


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

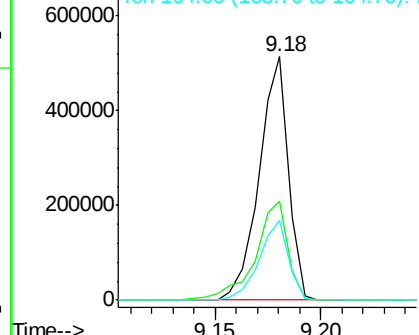
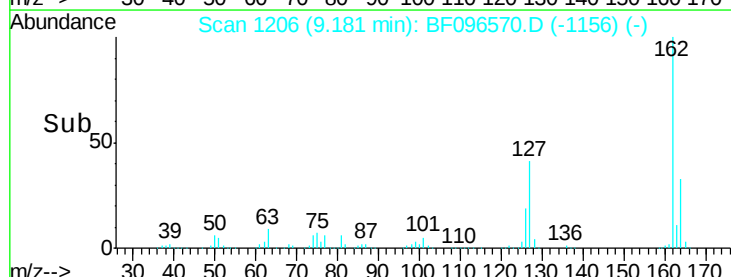


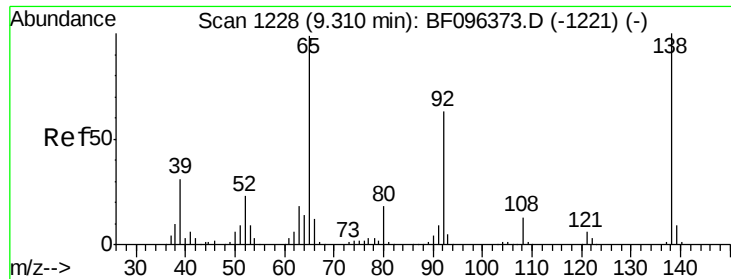
#46
 2-Chloronaphthalene
 Concen: 38.76 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	28.3	42.5
164	32.9	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

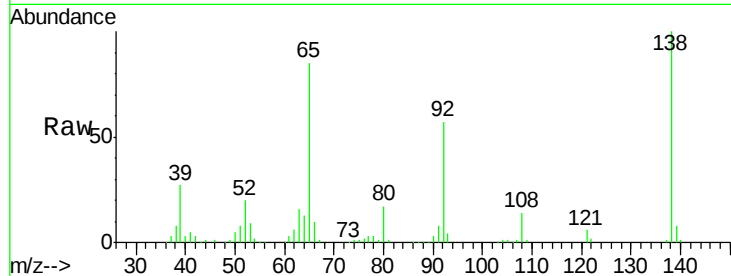




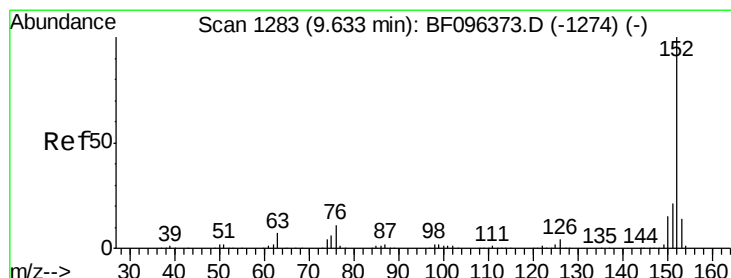
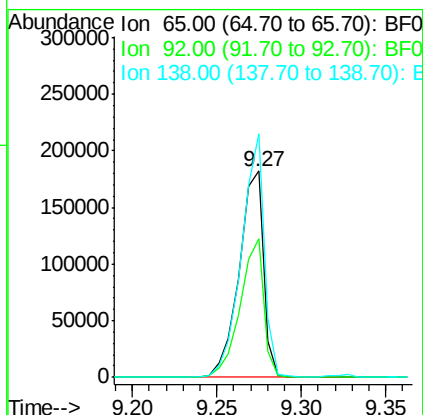
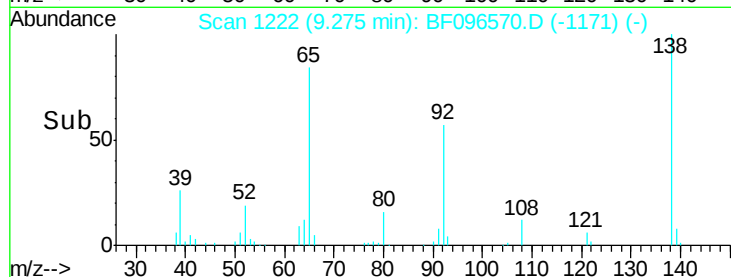
#47
2-Nitroaniline
Concen: 39.72 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 184026
Ion Ratio Lower Upper
65 100
92 67.4 53.9 80.9
138 118.1 78.8 118.2

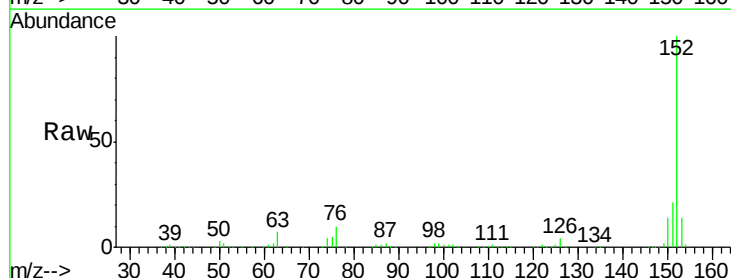


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

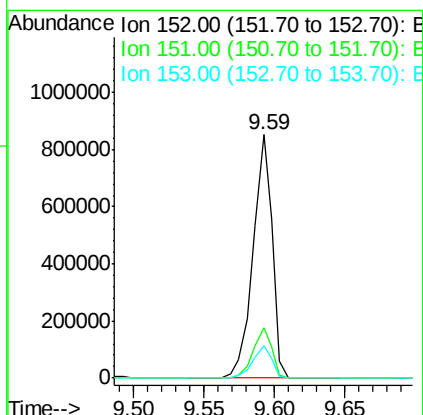
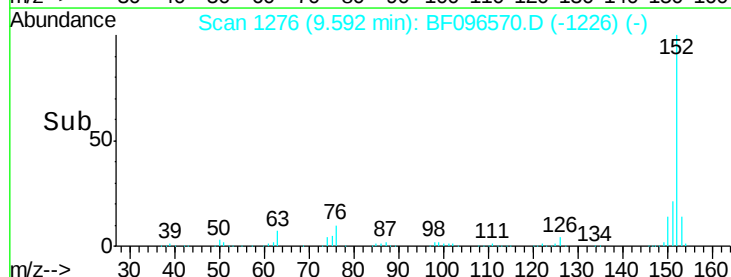


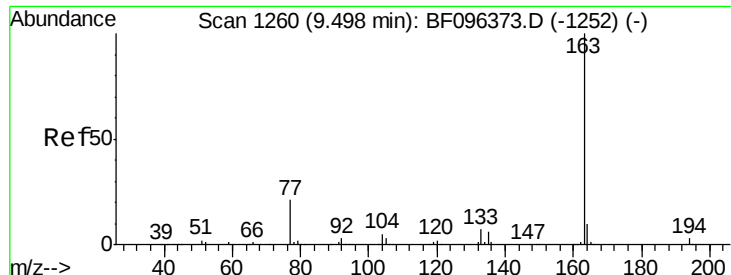
#48
Acenaphthylene
Concen: 40.19 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion: 152 Resp: 810904
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.6 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

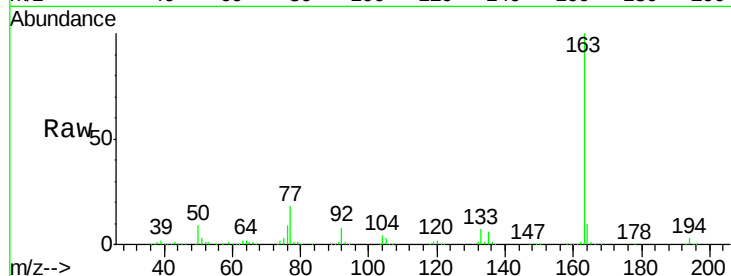




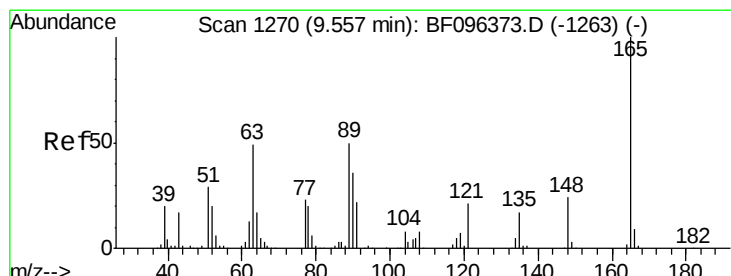
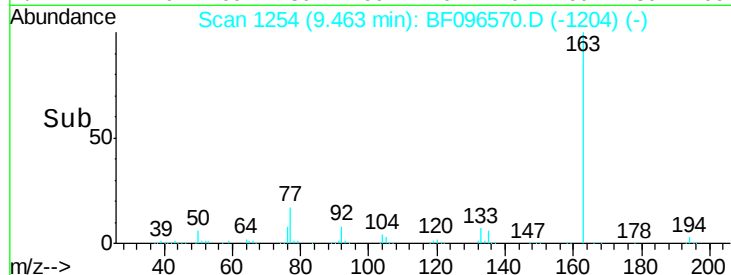
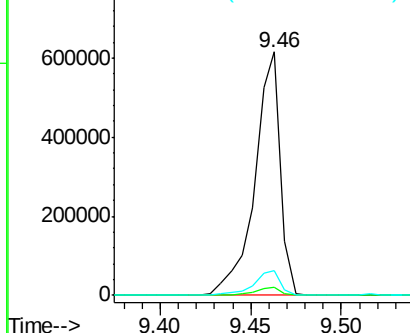
#49
Dimethylphthalate
Concen: 40.38 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 601114
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.2 8.4 12.6

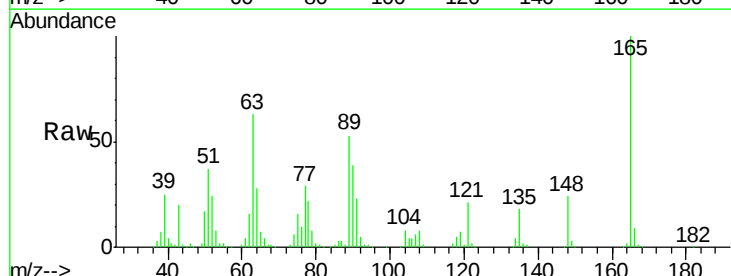


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

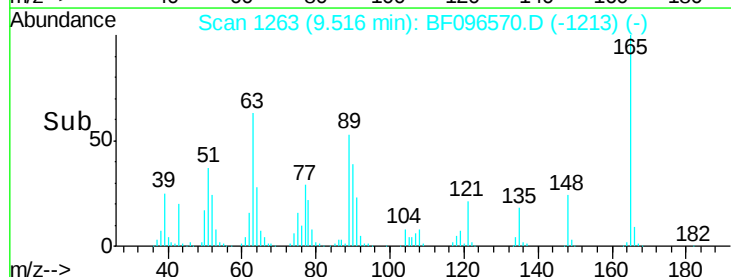
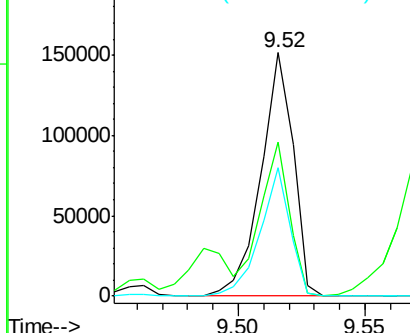


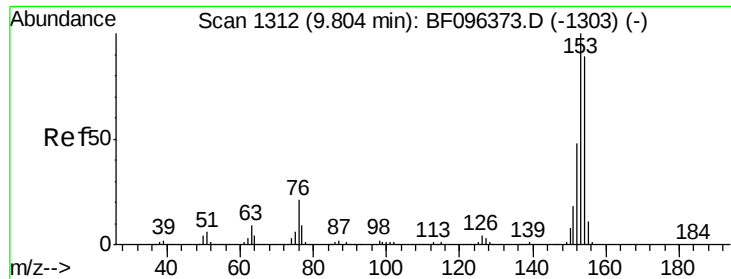
#50
2,6-Dinitrotoluene
Concen: 41.05 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion:165 Resp: 135134
Ion Ratio Lower Upper
165 100
63 63.4 34.3 51.5#
89 52.6 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: 38.04 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

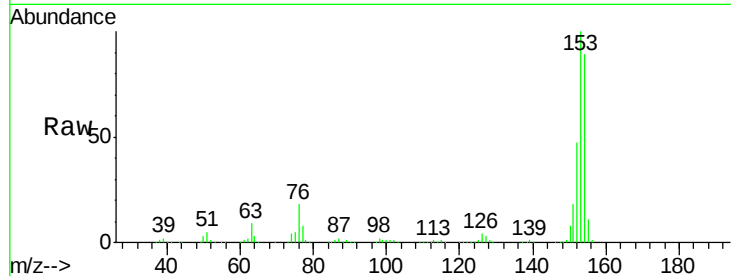
Tot Ion:154 Resp: 473040

Ion Ratio Lower Upper

154 100

153 112.4 90.5 135.7

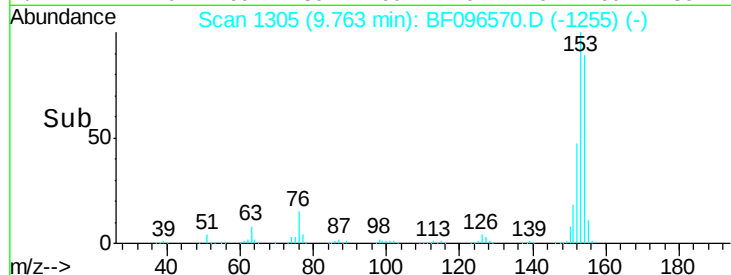
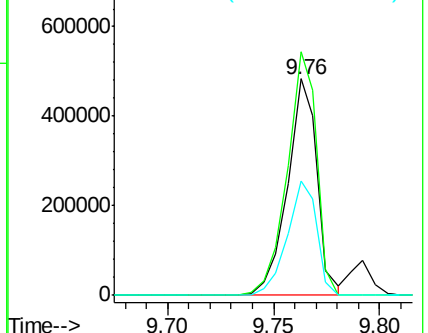
152 52.6 43.6 65.4



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: 23.88 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

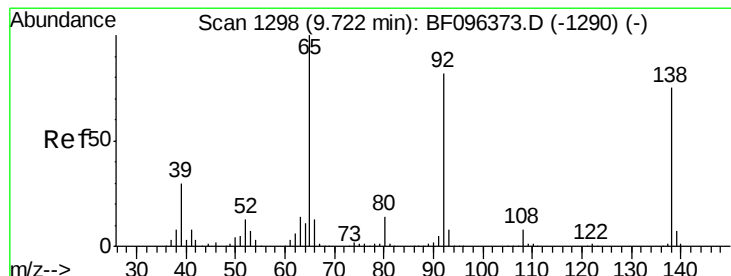
Tgt Ion:138 Resp: 98028

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

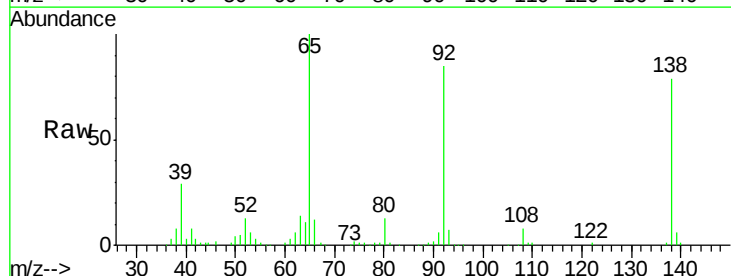
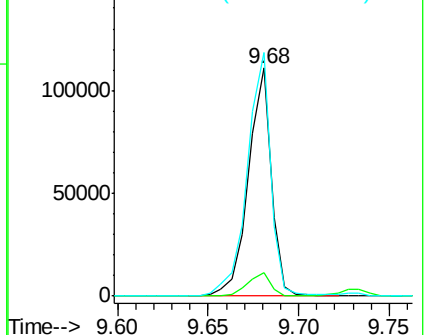
92 106.8 93.8 140.6

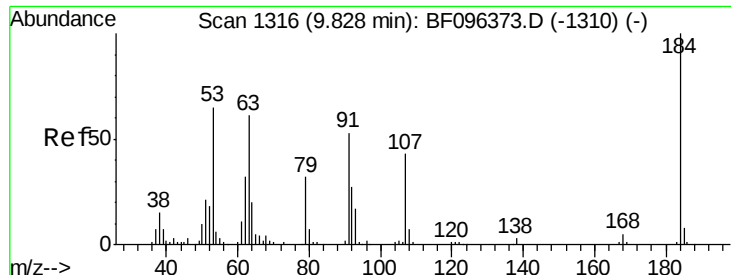


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

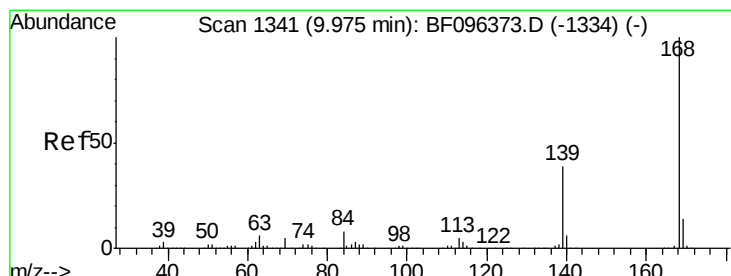
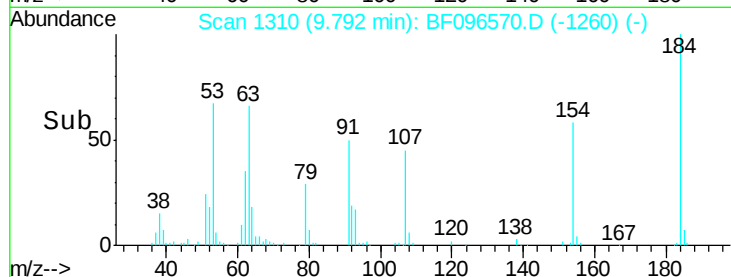
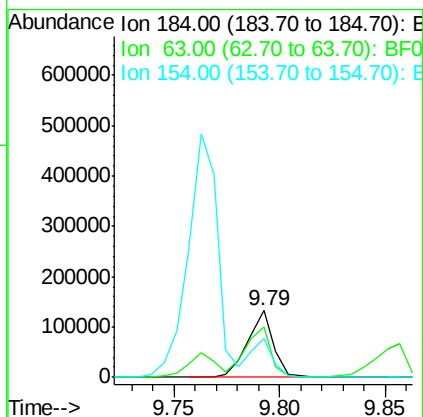
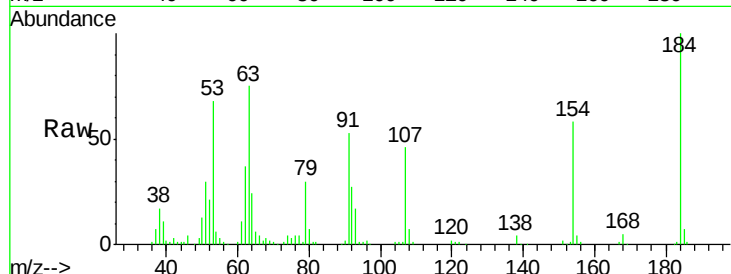




#53
2,4-Dinitrophenol
Concen: 65.15 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

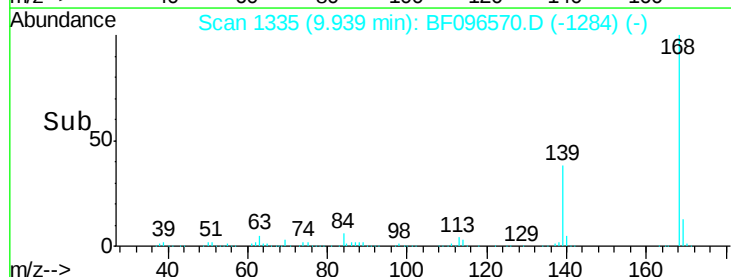
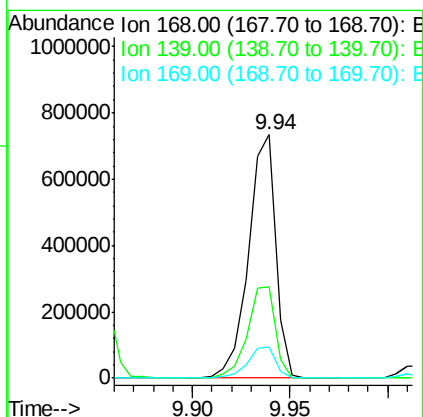
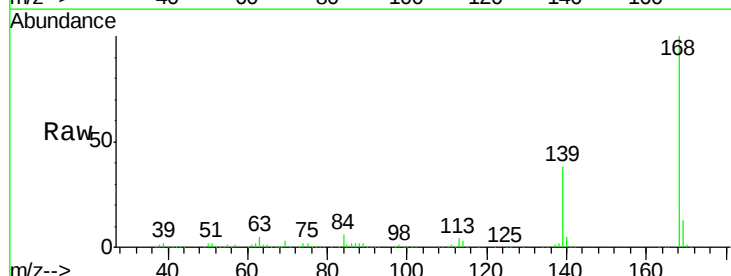
Instrument :
BNA_F
ClientSampleId :

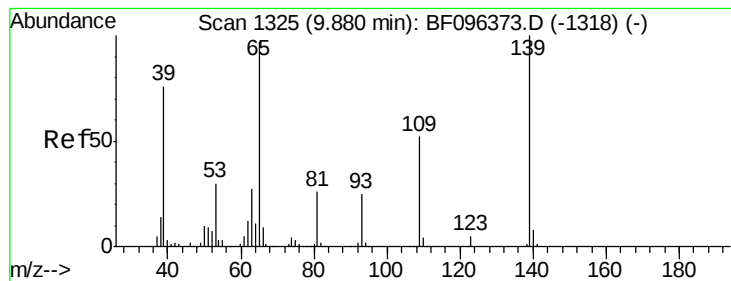
Tot Ion:184 Resp: 113906
Ion Ratio Lower Upper
184 100
63 74.9 62.7 94.1
154 58.3 81.1 121.7#



#54
Dibenzofuran
Concen: 43.15 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion:168 Resp: 708433
Ion Ratio Lower Upper
168 100
139 37.6 30.6 45.8
169 12.9 10.8 16.2





#55

4-Nitrophenol

Concen: 72.92 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

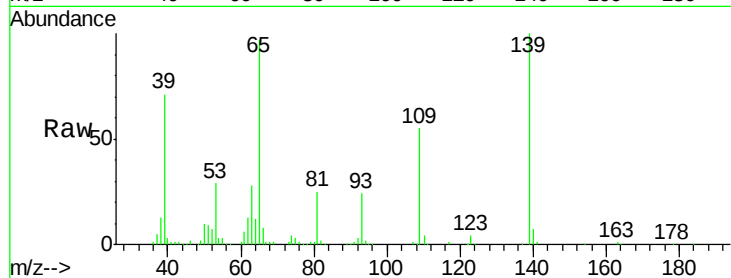
Tot Ion:139 Resp: 248146

Ion Ratio Lower Upper

139 100

109 55.3 34.1 74.1

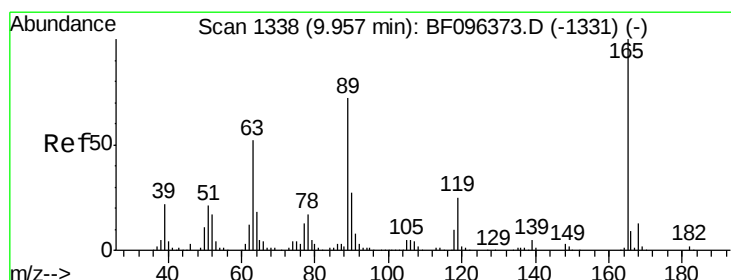
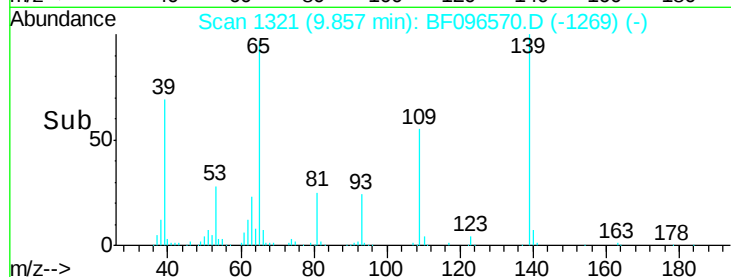
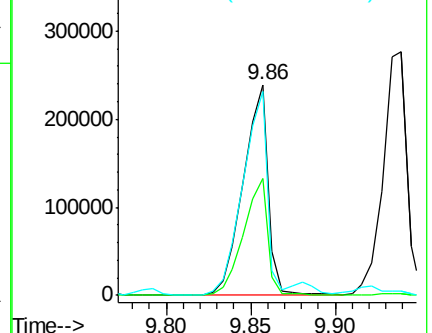
65 97.0 31.4 71.4#



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: 44.44 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Tgt Ion:165 Resp: 185268

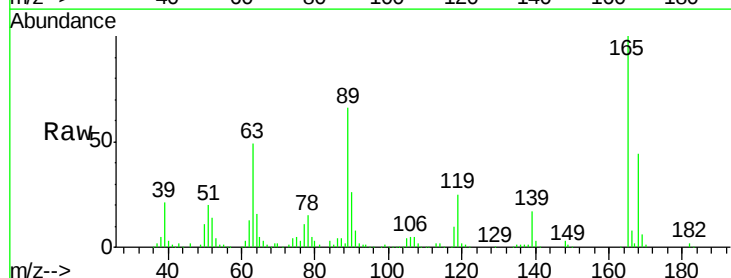
Ion Ratio Lower Upper

165 100

63 49.1 25.4 38.0#

89 65.9 46.4 69.6

182 2.0 1.8 2.6

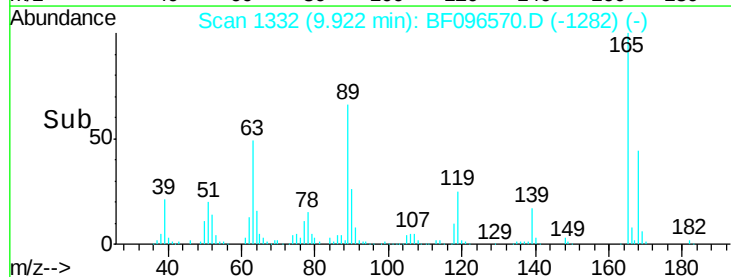
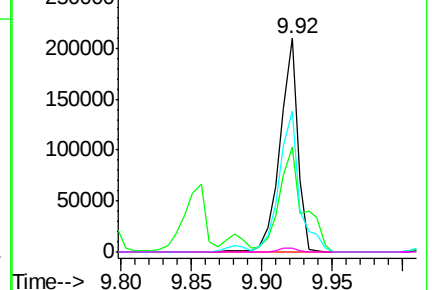


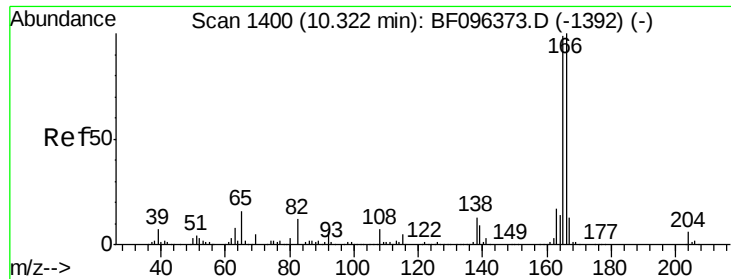
Abundance Ion 165.00 (164.70 to 165.70): E

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

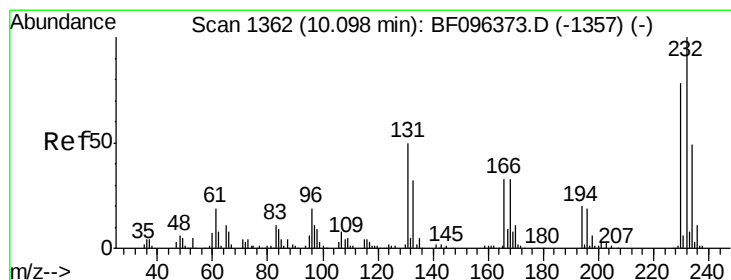
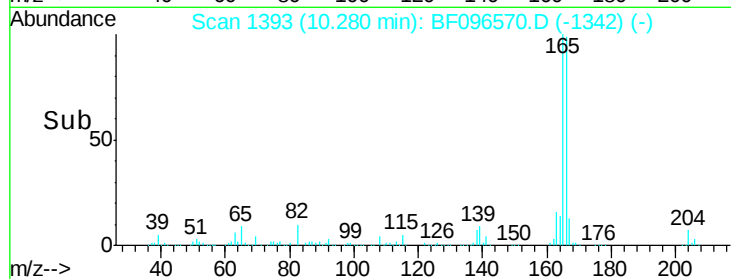
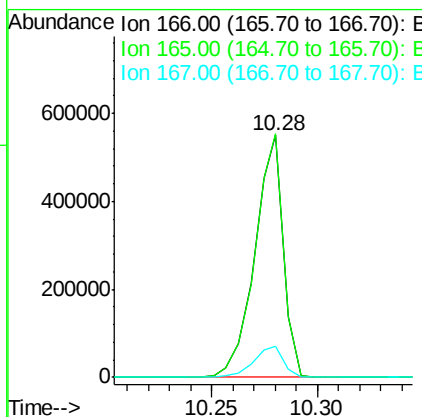
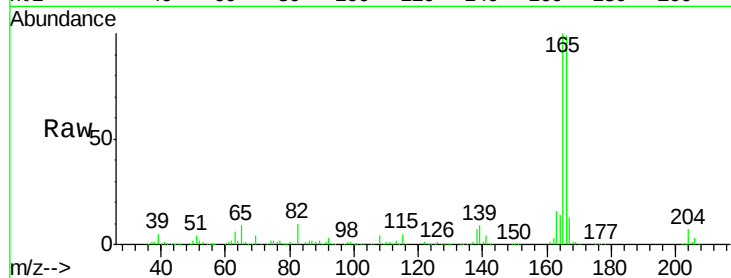




#57
 Fluorene
 Concen: 44.25 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

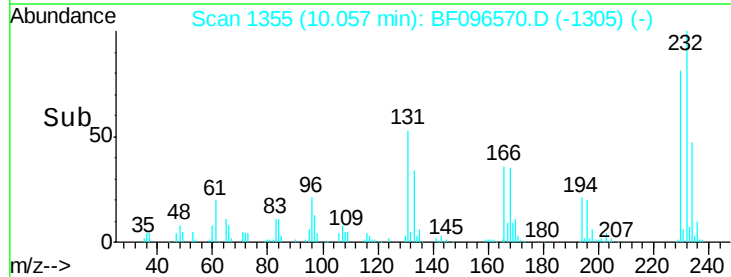
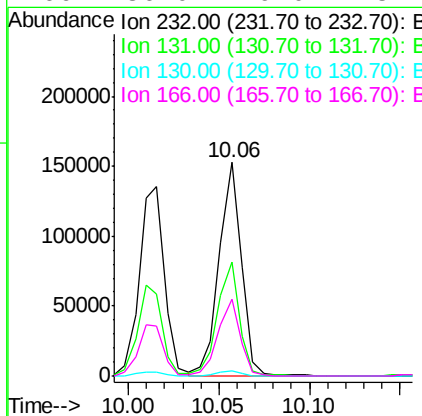
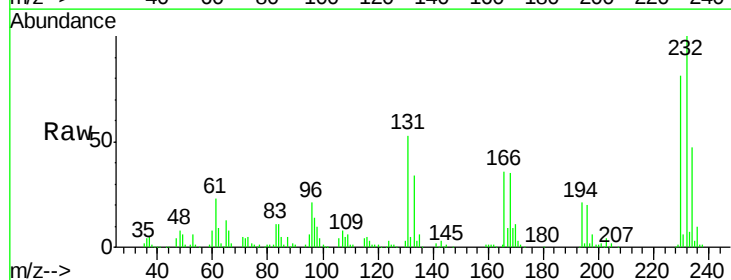
Instrument :
 BNA_F
 ClientSampleId :

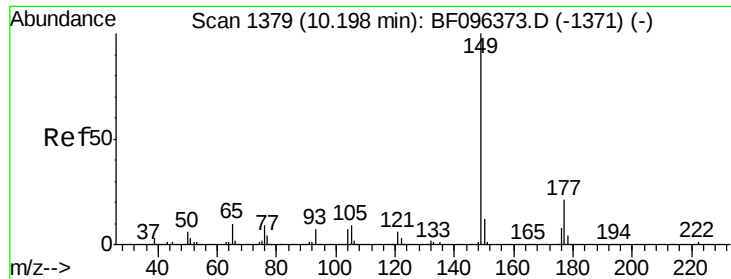
Tot Ion:166 Resp: 513102
 Ion Ratio Lower Upper
 166 100
 165 100.6 78.8 118.2
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.58 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Tgt Ion:232 Resp: 130526
 Ion Ratio Lower Upper
 232 100
 131 53.4 44.8 67.2
 130 2.4 2.3 3.5
 166 36.0 29.0 43.4

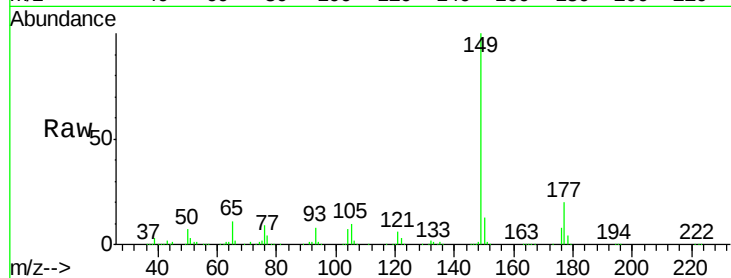




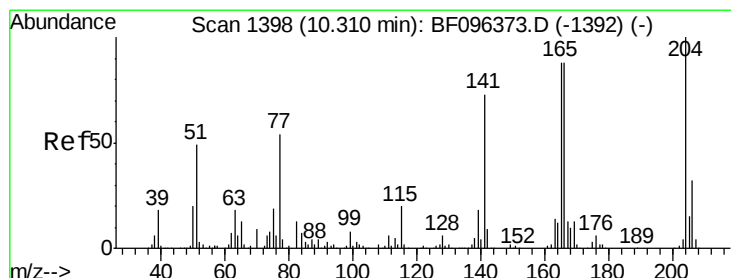
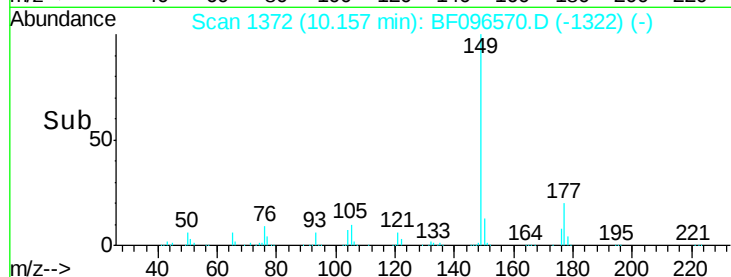
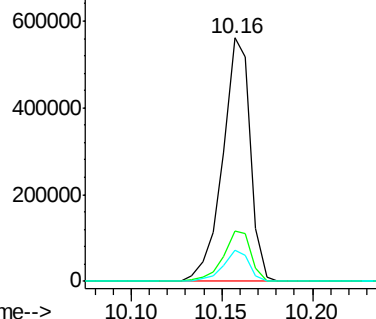
#59
Diethylphthalate
Concen: 42.08 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 592019
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 12.8 10.2 15.2

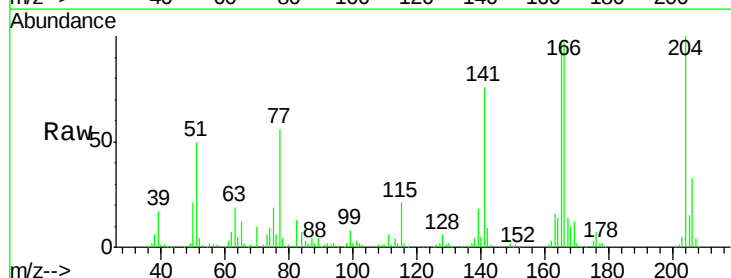


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

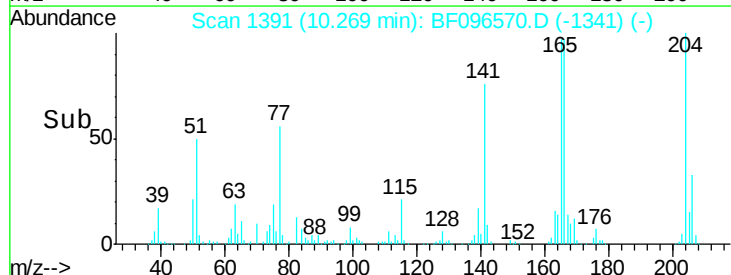
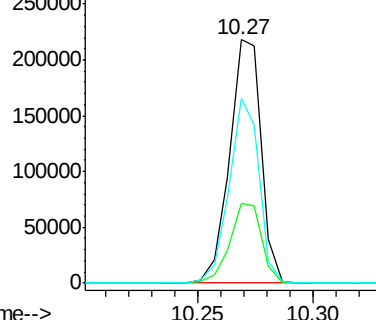


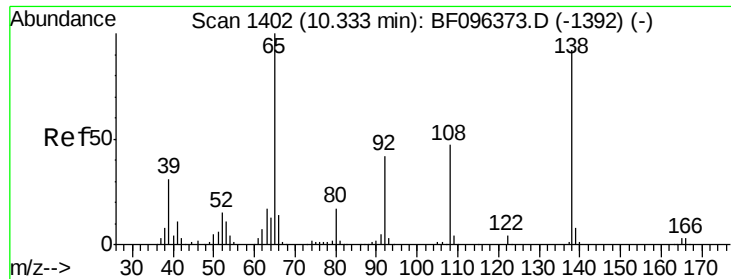
#60
4-Chlorophenyl-phenylether
Concen: 41.32 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion:204 Resp: 208476
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 75.9 60.8 91.2



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

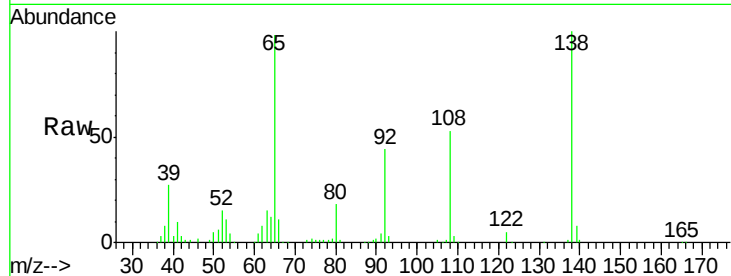




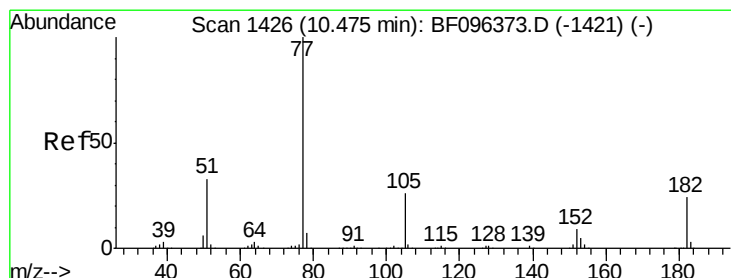
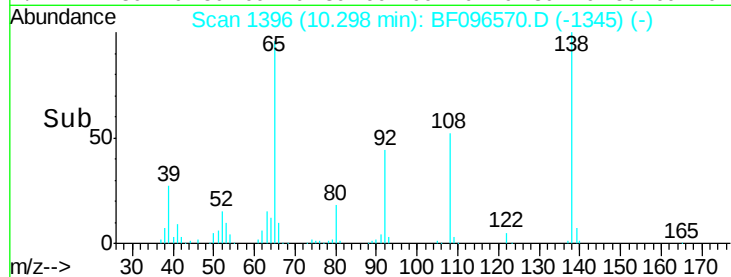
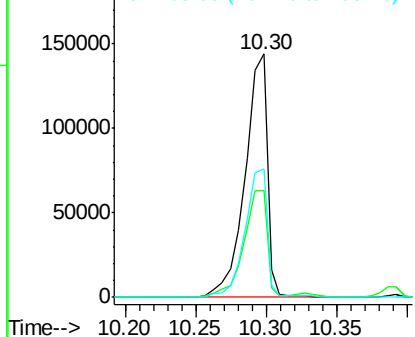
#61
4-Nitroaniline
Concen: 42.73 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 159538
Ion Ratio Lower Upper
138 100
92 44.0 21.8 61.8
108 52.8 42.3 82.3

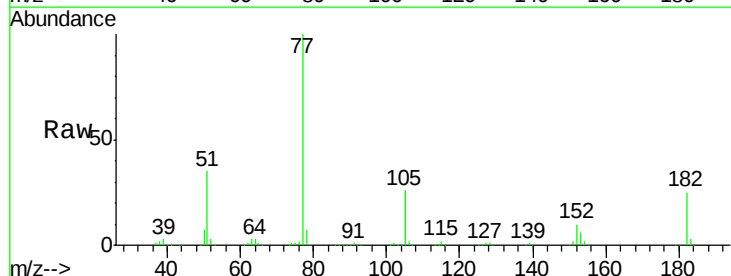


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

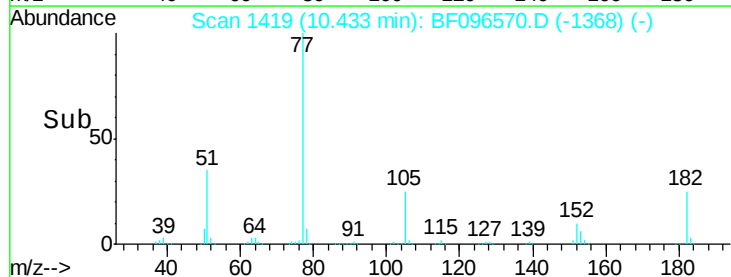
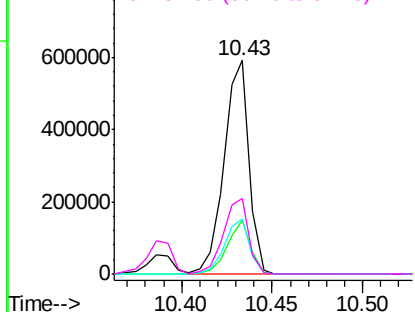


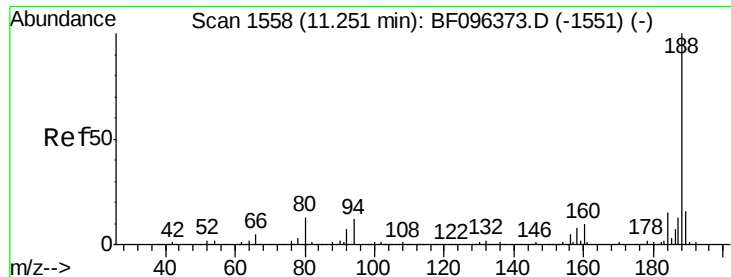
#62
Azobenzene
Concen: 41.48 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion: 77 Resp: 564378
Ion Ratio Lower Upper
77 100
182 25.1 0.1 40.1
105 25.6 3.6 43.6
51 35.1 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

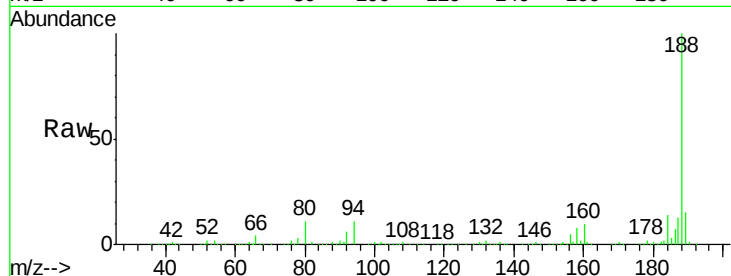




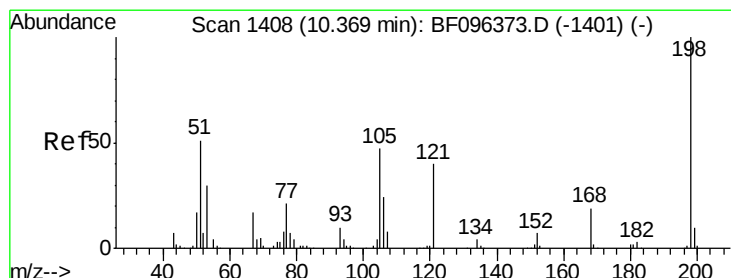
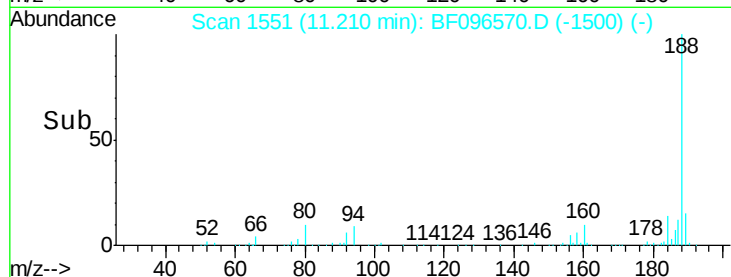
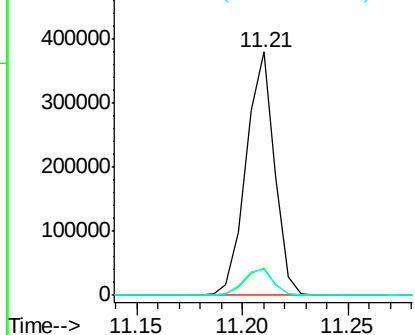
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	188	Resp	353867
Ion Ratio	100	Lower	Upper
94	11.1	9.4	14.2
80	10.7	10.2	15.2

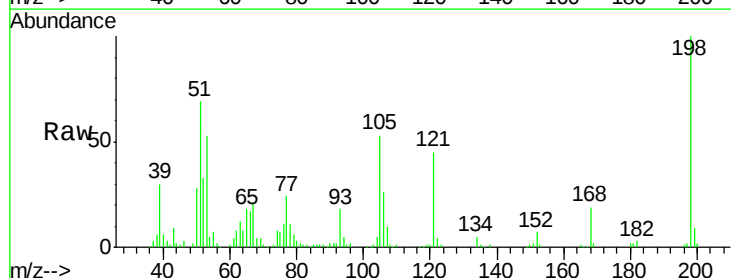


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

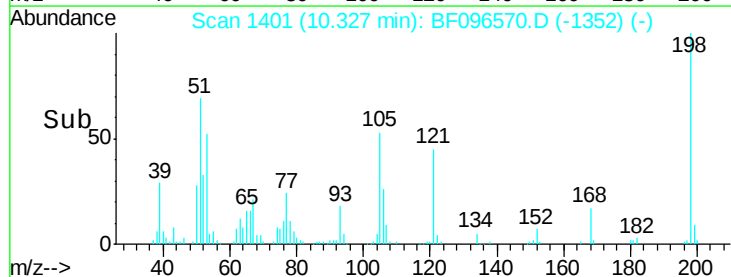
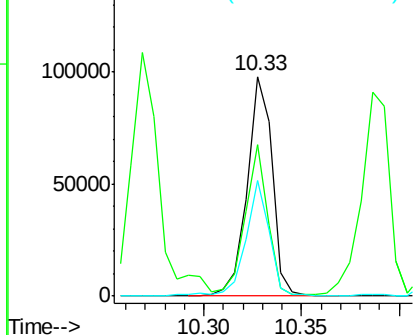


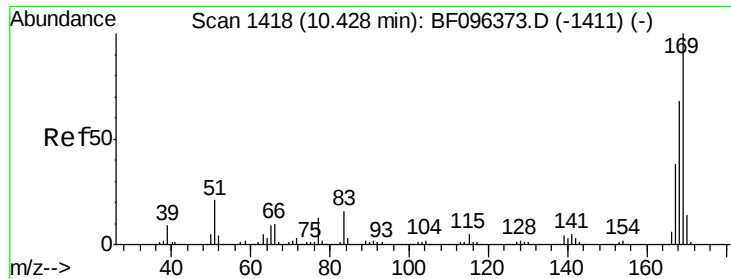
#64
4,6-Dinitro-2-methylphenol
Concen: 35.64 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion	198	Resp	86988
Ion Ratio	100	Lower	Upper
51	69.1	53.2	93.2
105	53.0	45.8	85.8



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

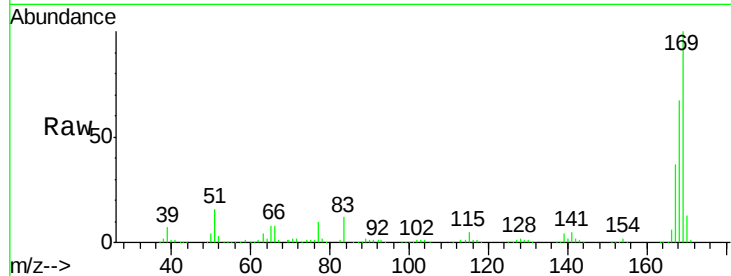




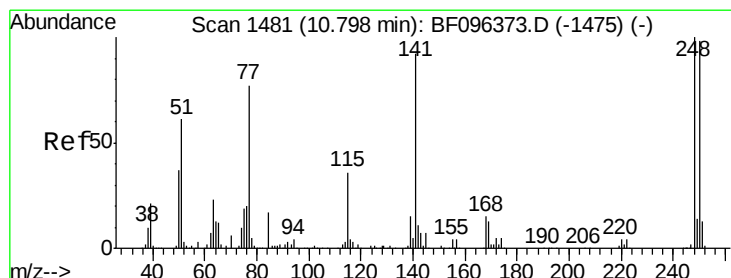
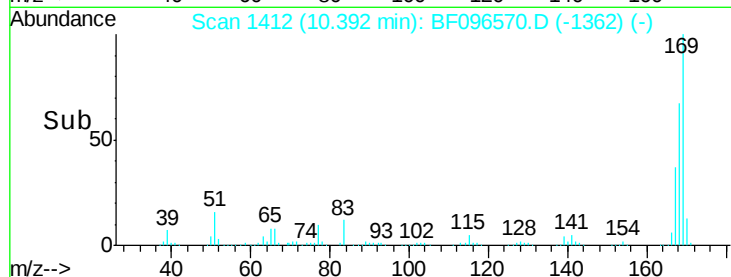
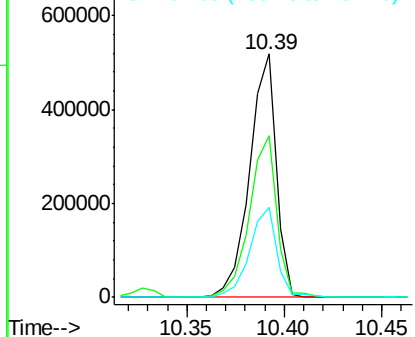
#65
n-Nitrosodiphenylamine
Concen: 39.58 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 491467
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 37.1 29.5 44.3

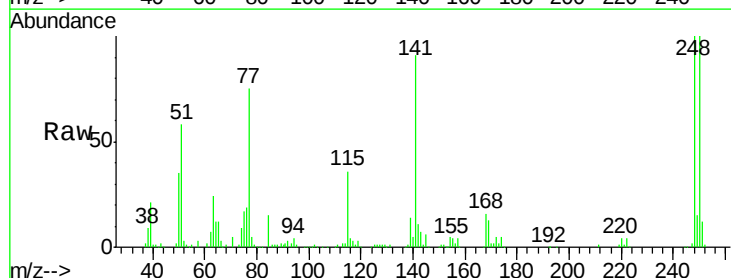


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

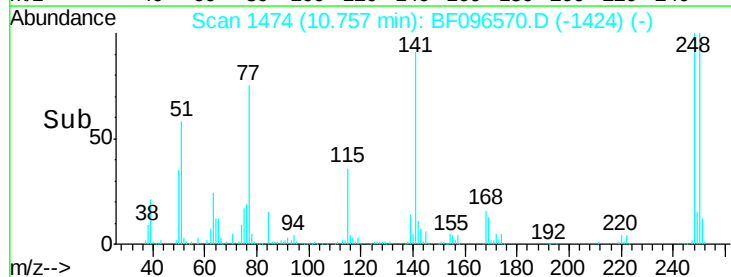
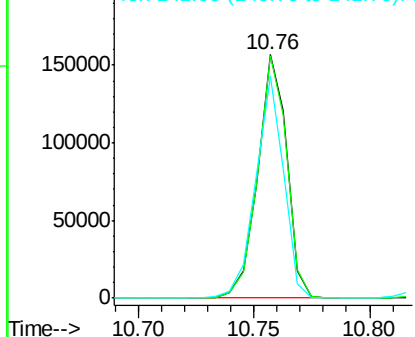


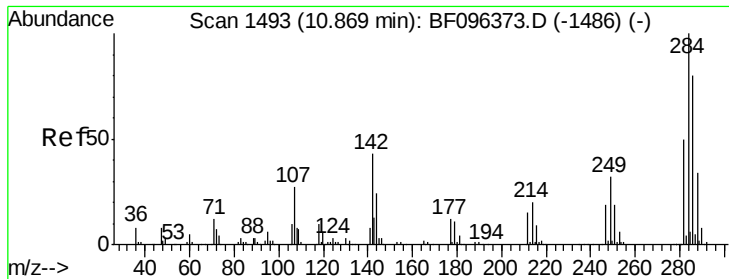
#66
4-Bromophenyl-phenylether
Concen: 40.07 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion:248 Resp: 138026
Ion Ratio Lower Upper
248 100
250 99.7 76.8 115.2
141 91.2 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 39.73 ng

RT: 10.83 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

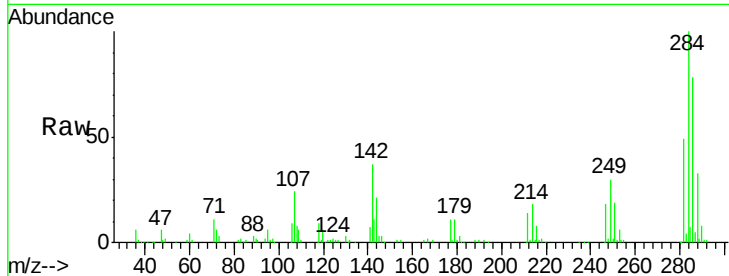
Tot Ion:284 Resp: 149835

Ion Ratio Lower Upper

284 100

142 37.3 22.8 34.2#

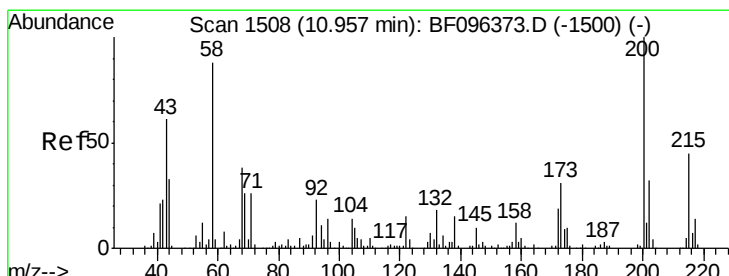
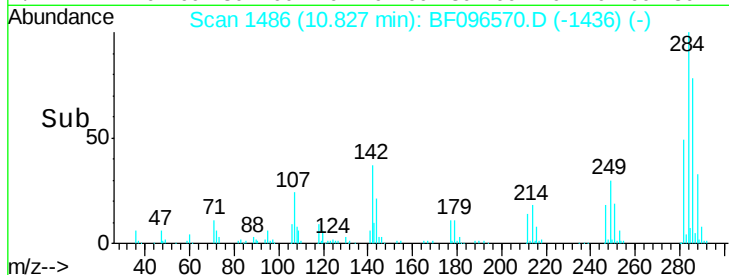
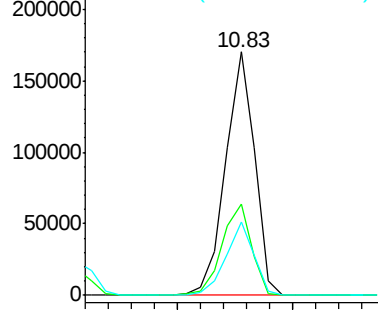
249 30.3 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.79 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

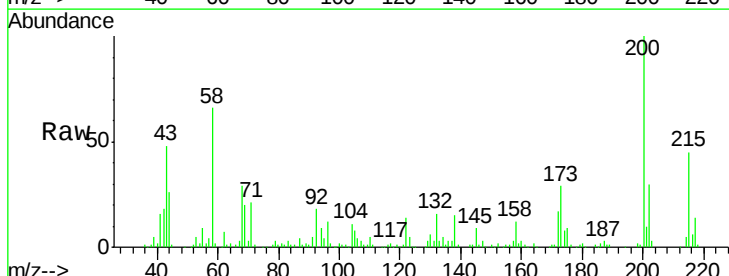
Tgt Ion:200 Resp: 151790

Ion Ratio Lower Upper

200 100

173 29.4 6.3 46.3

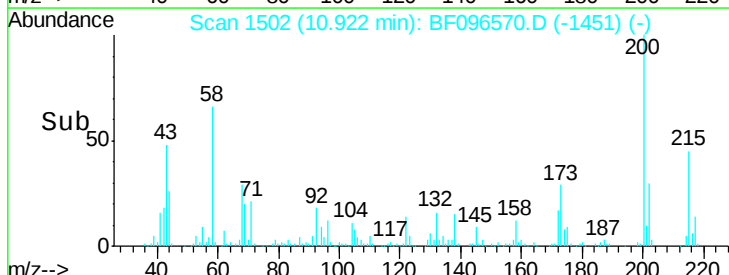
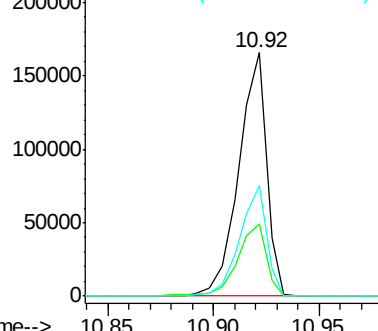
215 45.3 27.2 67.2

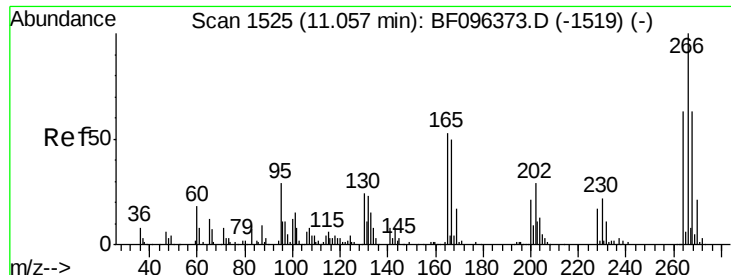


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

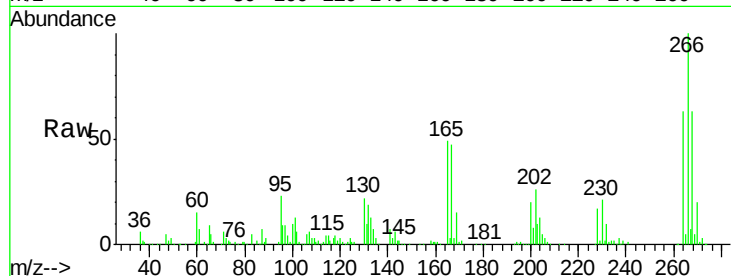




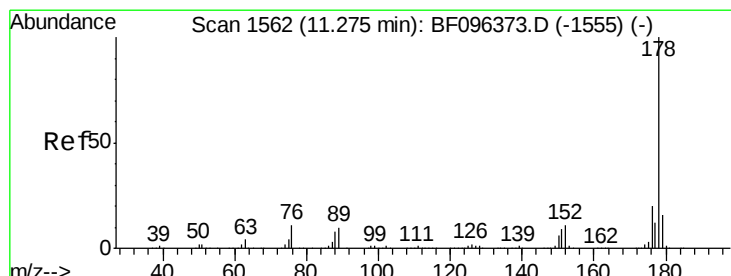
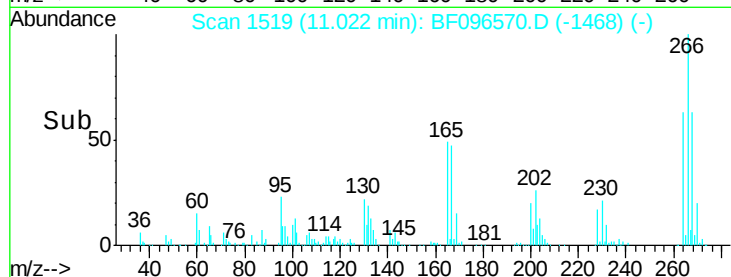
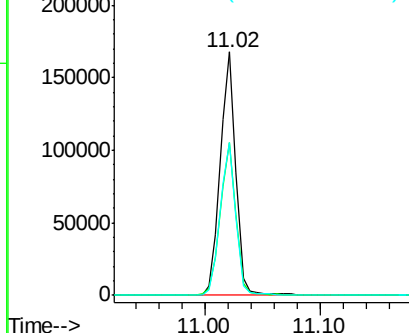
#69
 Pentachlorophenol
 Concen: 70.63 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 157850
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 62.8 51.7 77.5

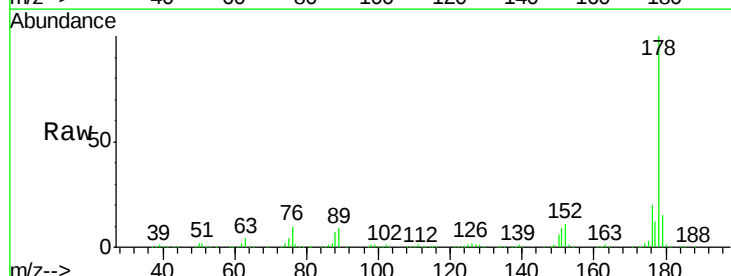


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

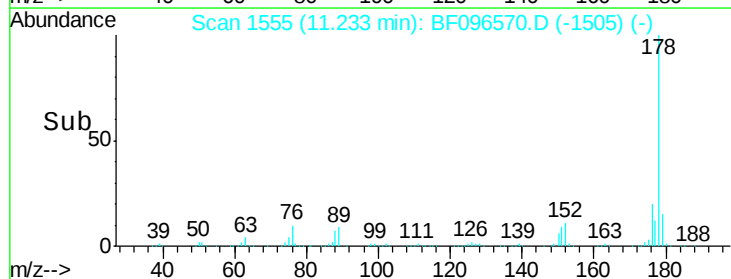
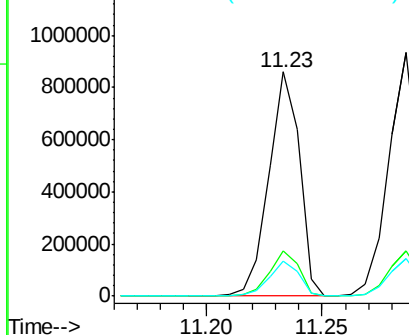


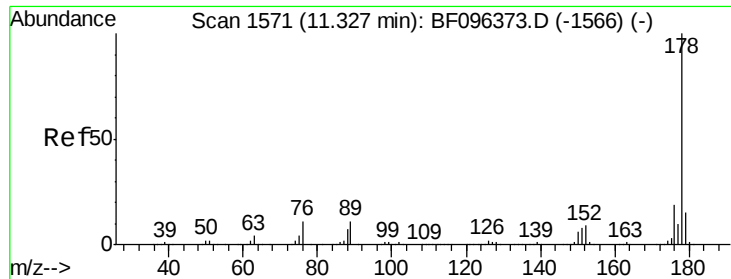
#70
 Phenanthrene
 Concen: 41.52 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Tgt Ion:178 Resp: 794294
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.4
 179 15.3 12.6 19.0



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

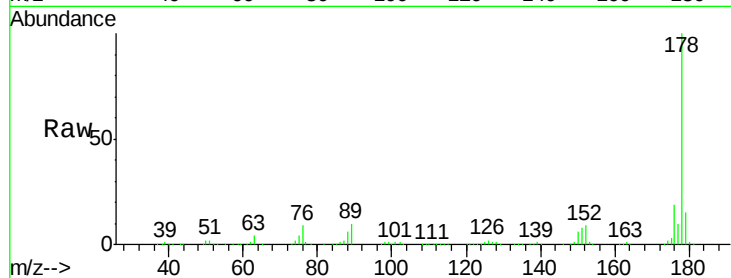




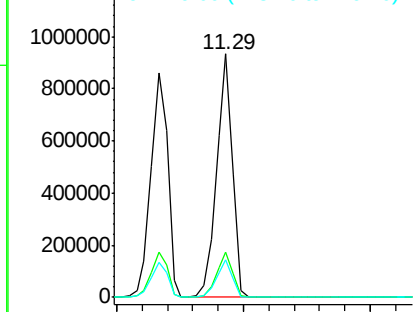
#71
 Anthracene
 Concen: 42.29 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :

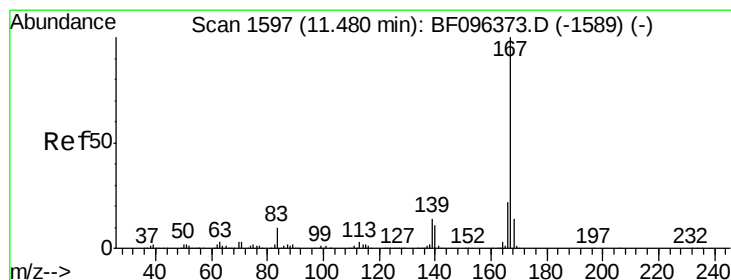
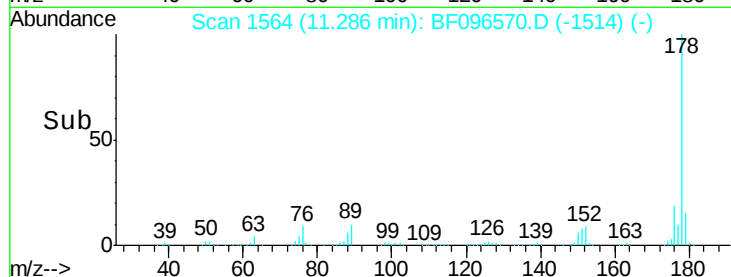
Tot Ion:178 Resp: 824466
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.4 12.7 19.1



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

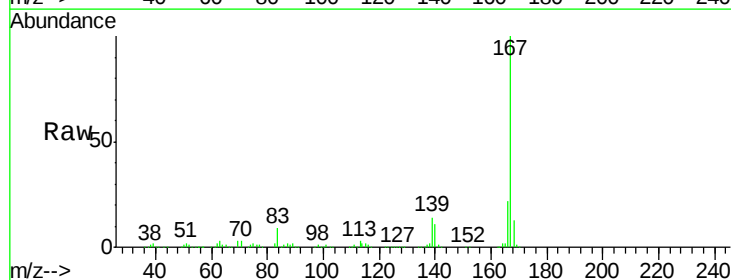


Time--> 11.20 11.30 11.40

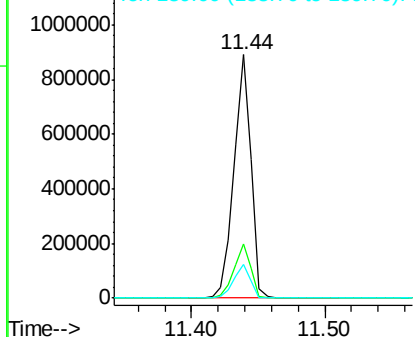


#72
 Carbazole
 Concen: 40.95 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

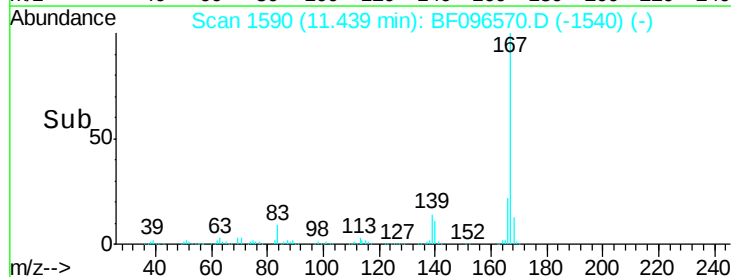
Tgt Ion:167 Resp: 802711
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.9 11.7 17.5

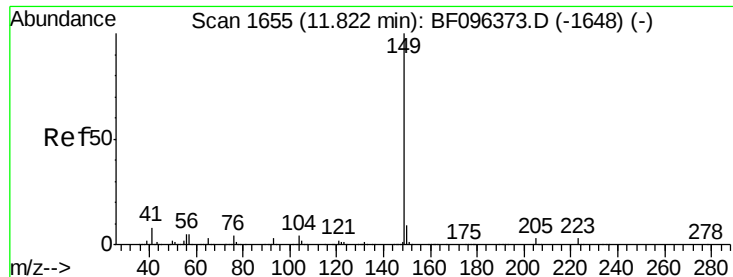


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time--> 11.40 11.50





#73

Di-n-butylphthalate

Concen: 39.89 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF096570.D

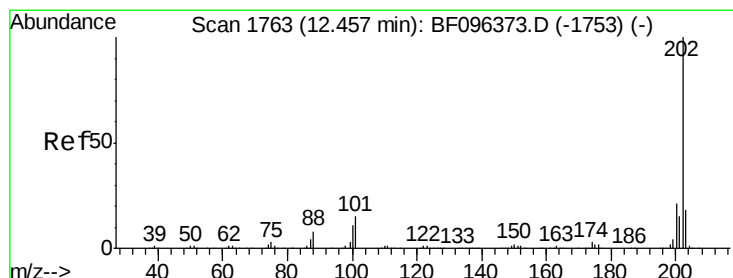
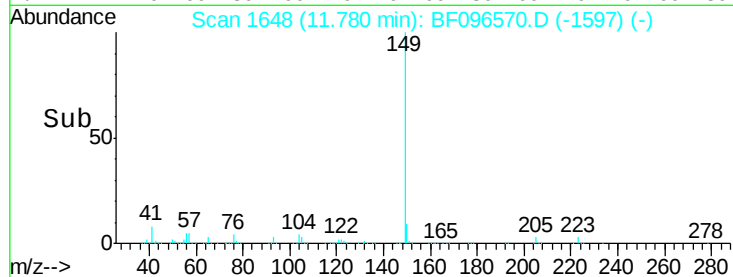
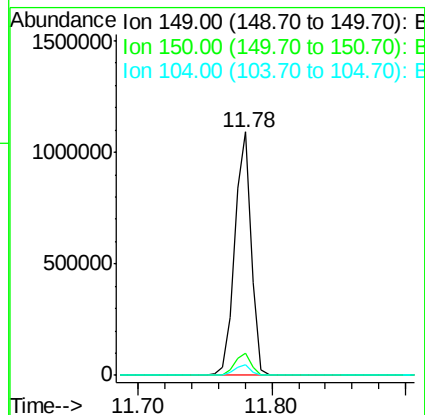
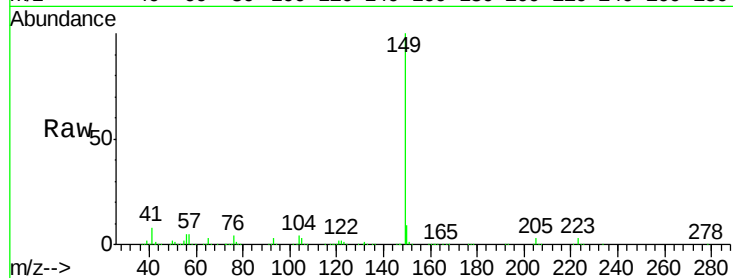
Acq: 7 Jul 2017 20:24

Instrument :

BNA_F

ClientSampled :

Tot Ion:149	Resp:	947163
Ion	Ratio	Lower Upper
149	100	
150	9.2	7.7 11.5
104	4.3	4.0 6.0



#74

Fluoranthene

Concen: 43.75 ng

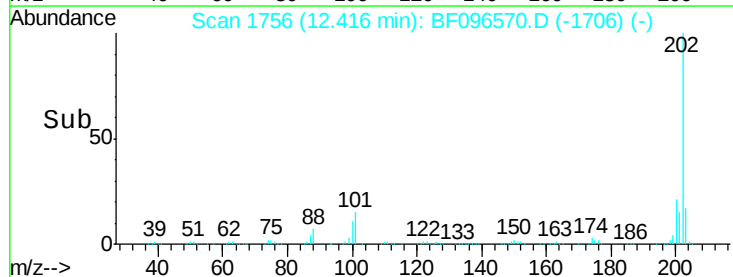
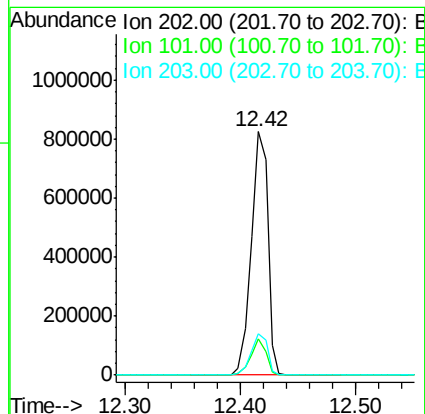
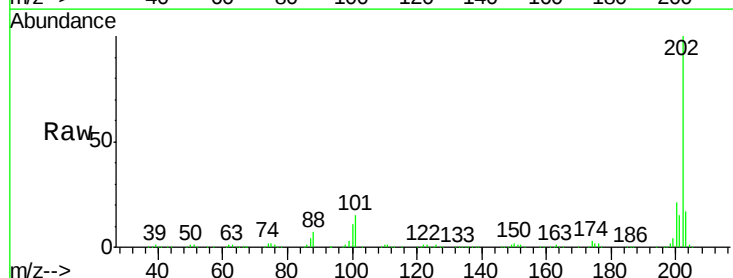
RT: 12.42 min Scan# 1756

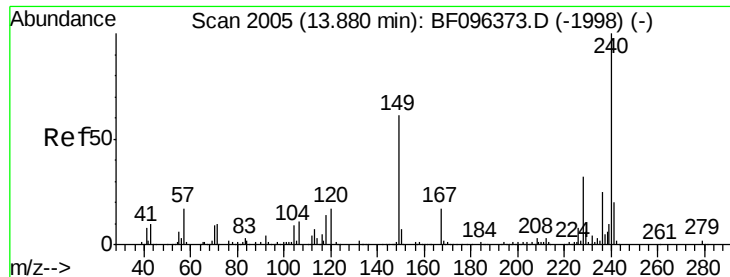
Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Tgt Ion:202	Resp:	820616
Ion	Ratio	Lower Upper
202	100	
101	14.7	0.0 33.2
203	17.0	0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

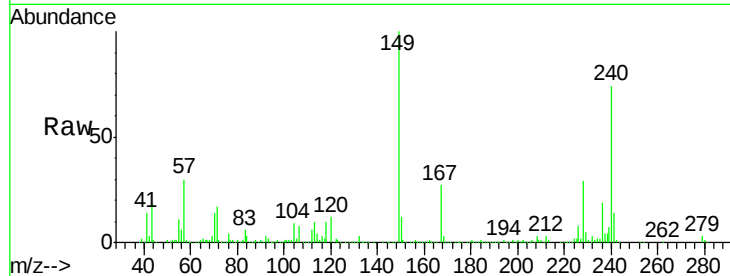
Tot Ion:240 Resp: 235851

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

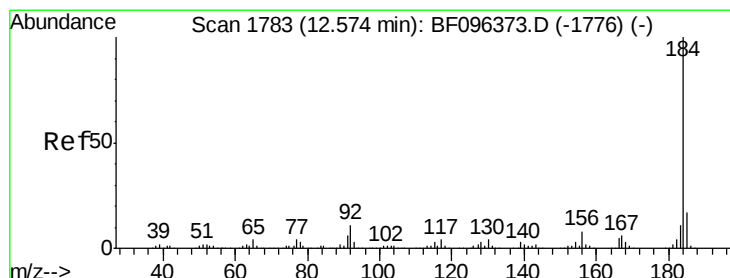
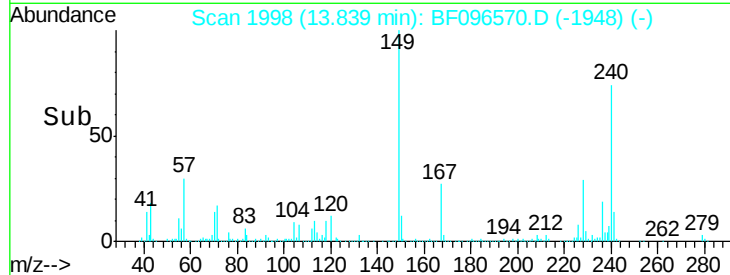
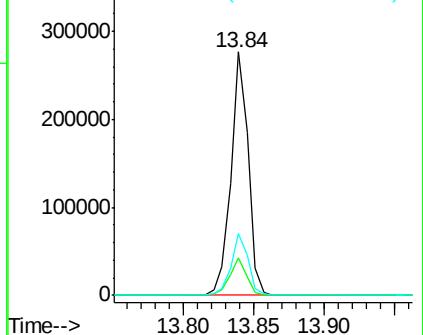
236 25.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.40 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

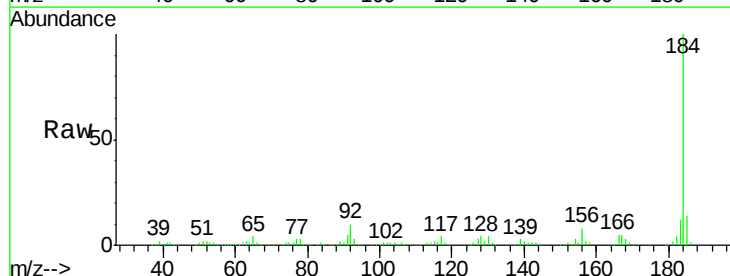
Tgt Ion:184 Resp: 321443

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

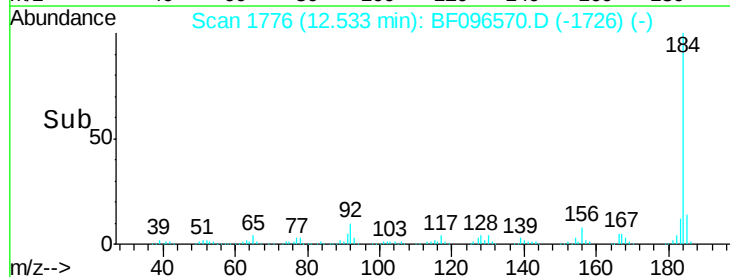
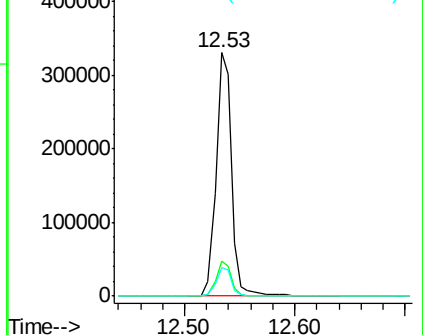
183 11.8 9.8 14.6

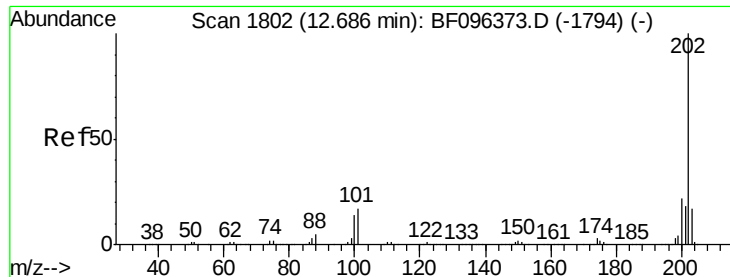


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

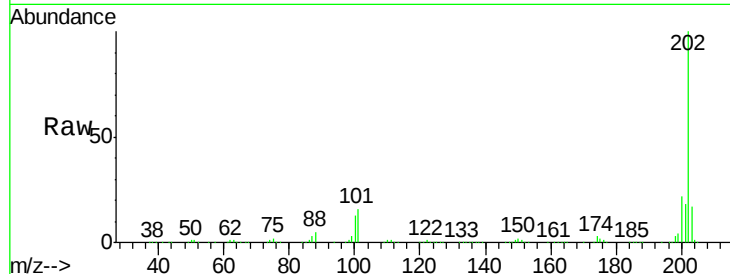




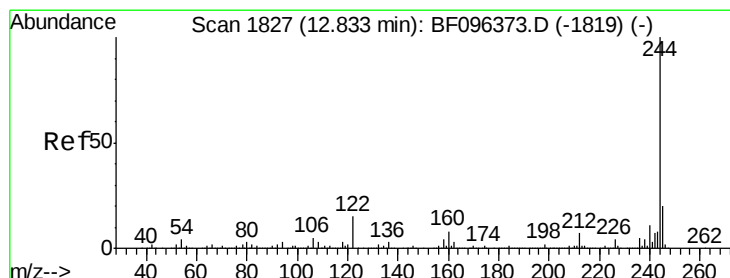
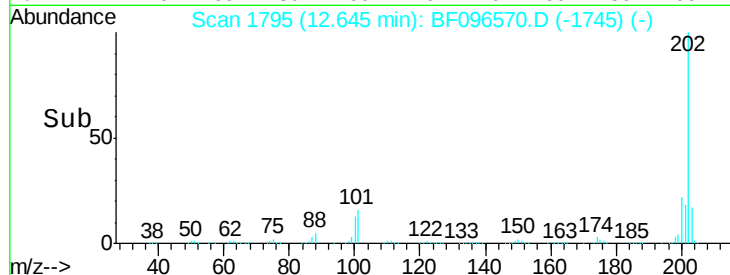
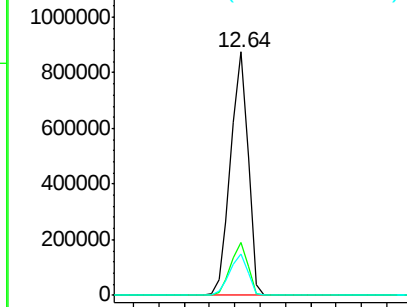
#77
Pvrene
Concen: 44.12 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 835306
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.2 14.4 21.6

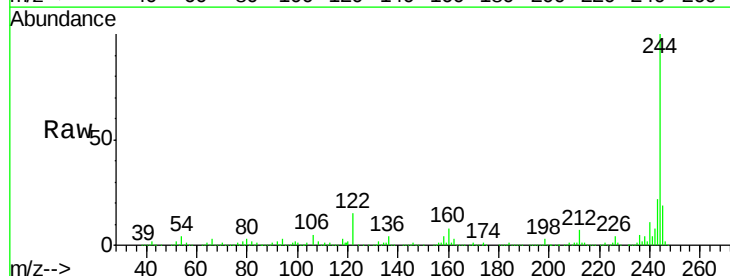


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

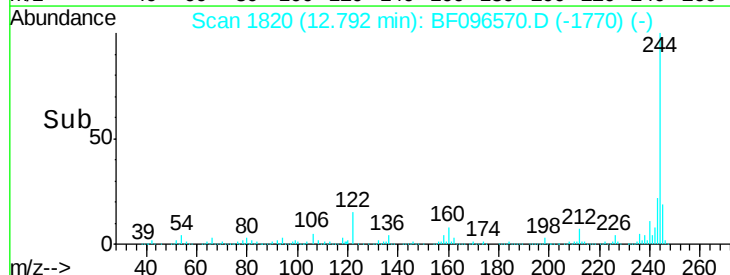
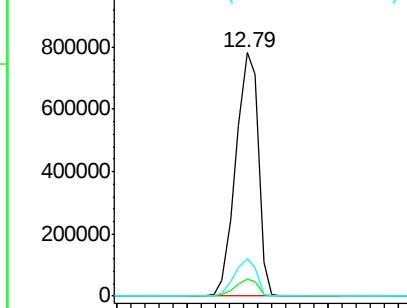


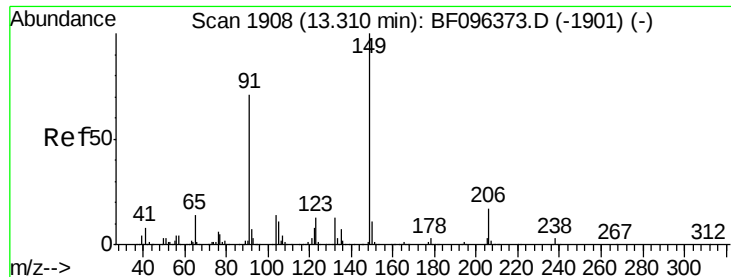
#78
Terphenyl-d14
Concen: 78.86 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion:244 Resp: 870391
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 15.4 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

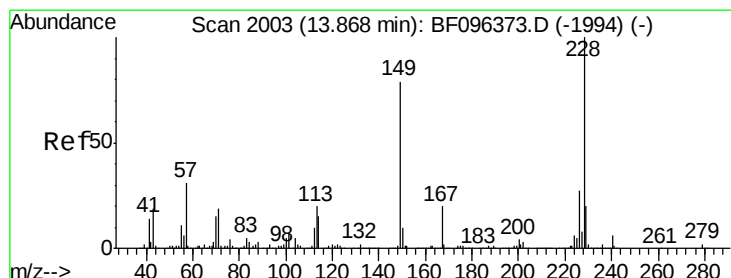
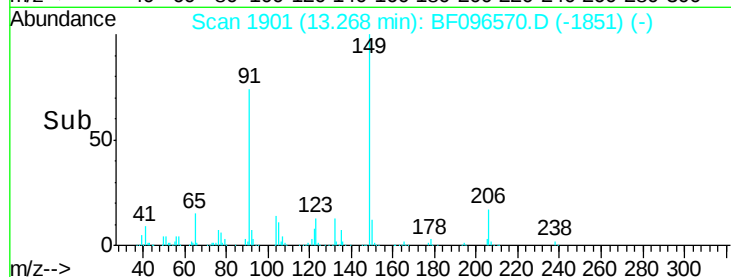
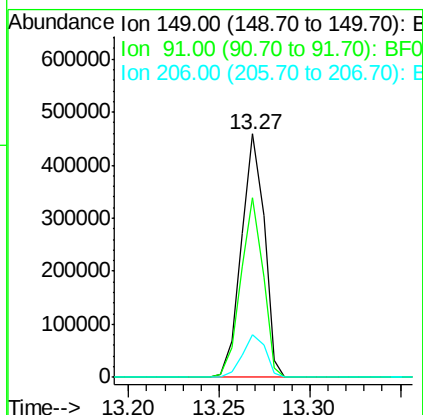
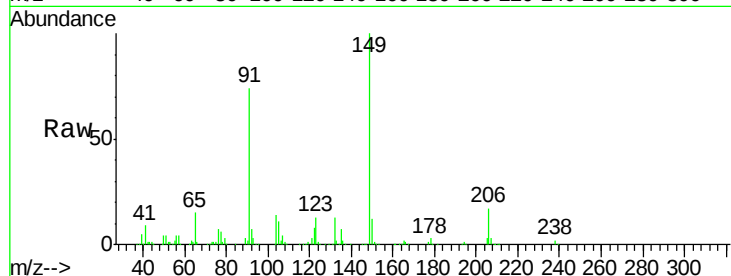




#79
Butylbenzylphthalate
Concen: 42.16 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

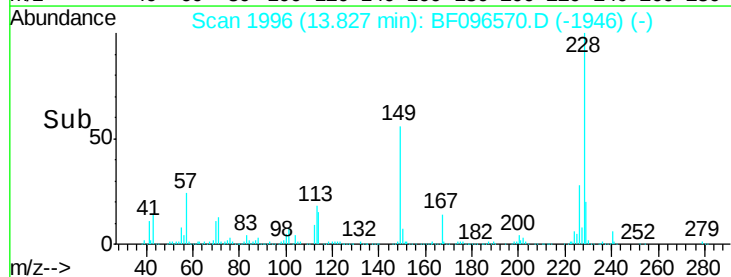
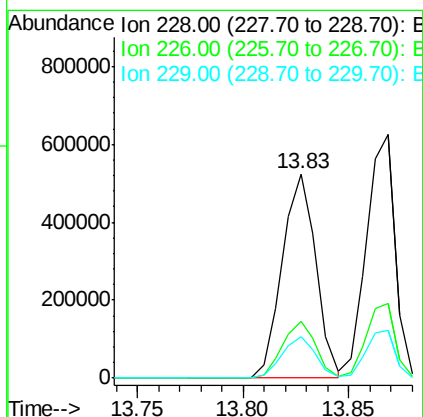
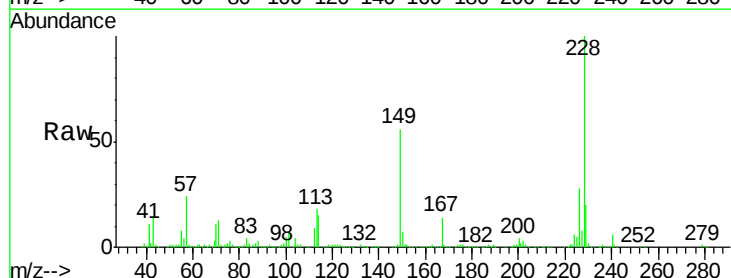
Instrument :
BNA_F
ClientSampleId :

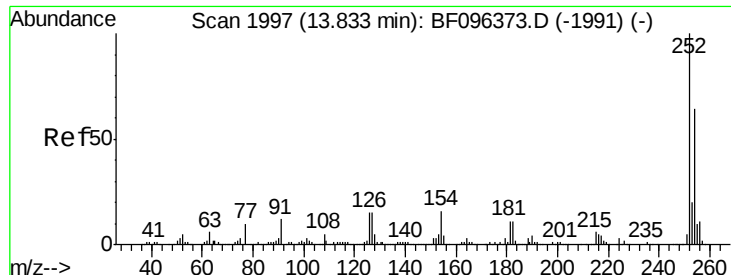
Tot Ion:149 Resp: 404003
Ion Ratio Lower Upper
149 100
91 73.8 45.0 67.4#
206 17.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 42.65 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion:228 Resp: 582527
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.3 16.3 24.5

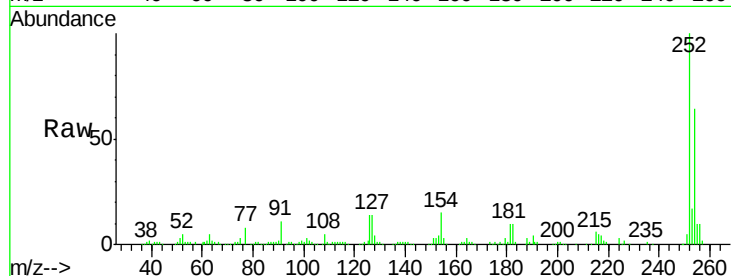




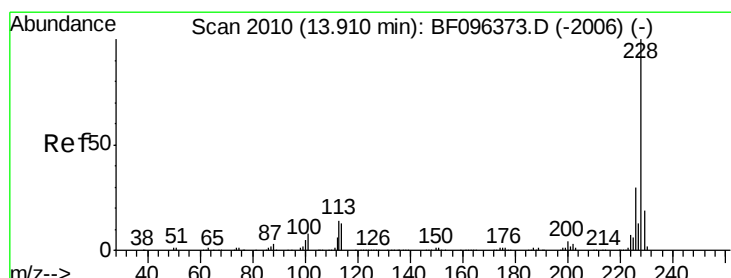
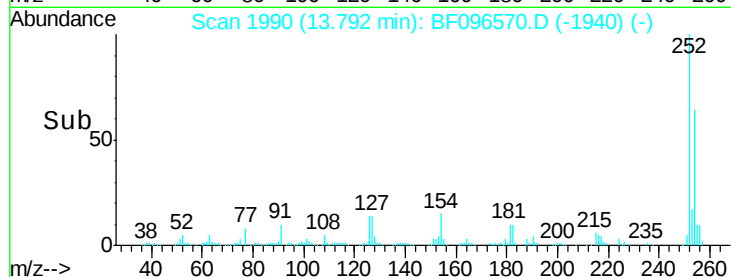
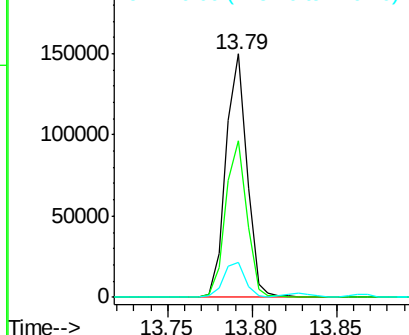
#81
 3,3'-Dichlorobenzidine
 Concen: 23.29 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	14.4	15.8	23.8#

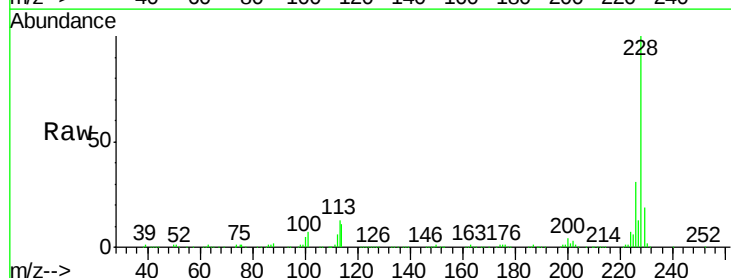


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

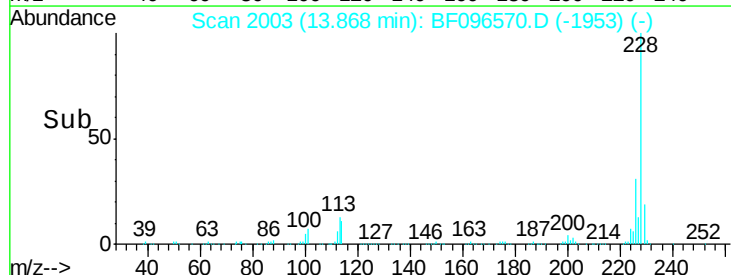
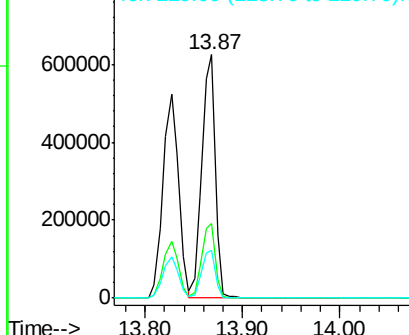


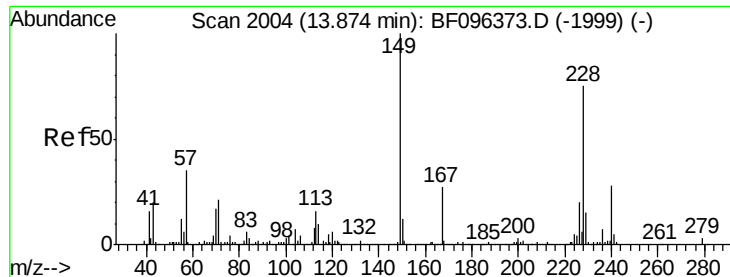
#82
 Chrysene
 Concen: 41.96 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.5	15.8	23.6



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

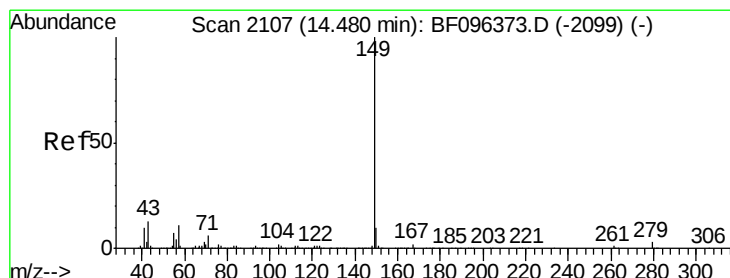
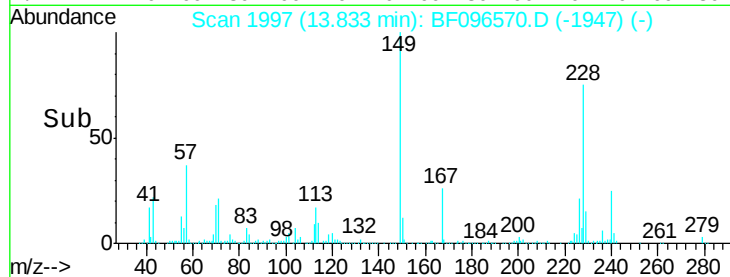
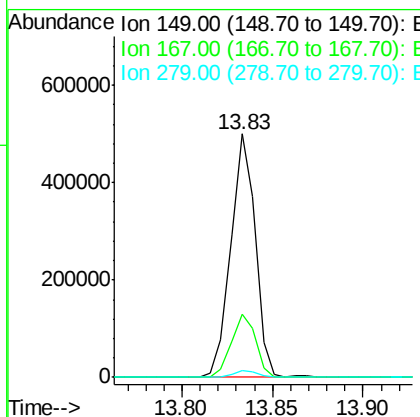
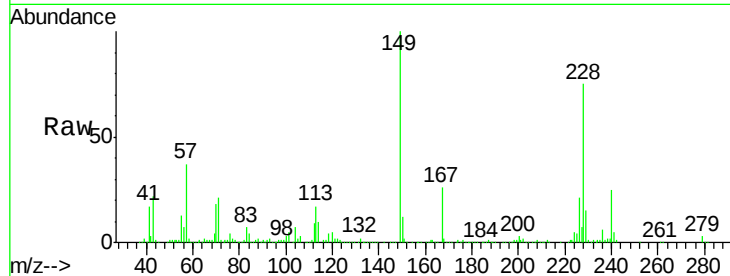




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.05 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

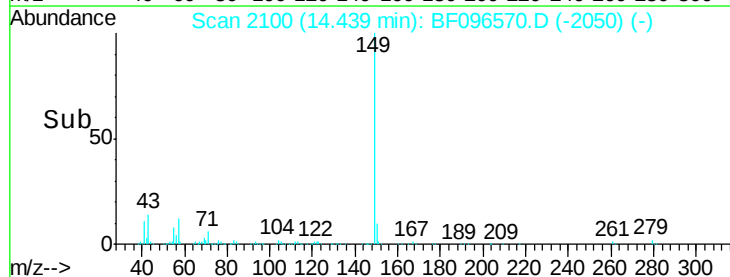
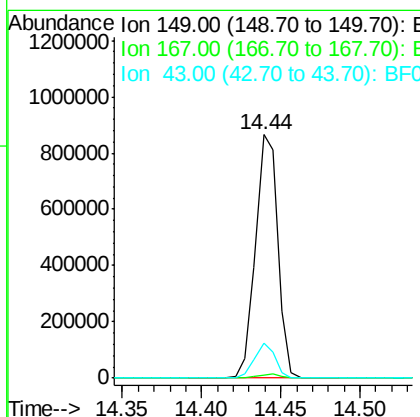
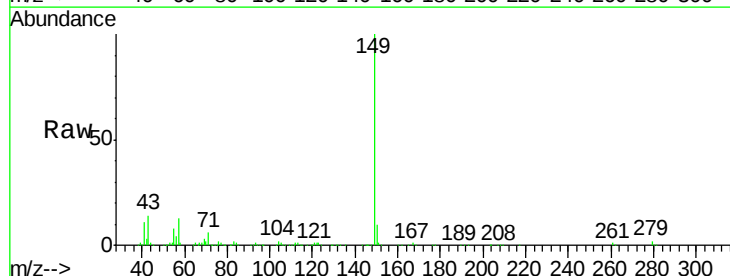
Instrument :
 BNA_F
 ClientSampleId :

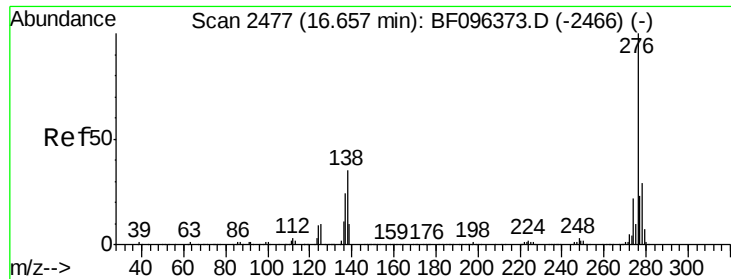
Tot Ion	149	Resp	471189
Ion Ratio	100	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	2.7	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 40.46 ng
 RT: 14.44 min Scan# 2100
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Tgt Ion	149	Resp	852229
Ion Ratio	100	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.1	8.5	12.7#

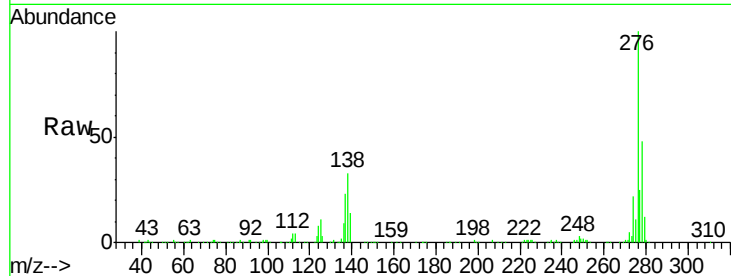




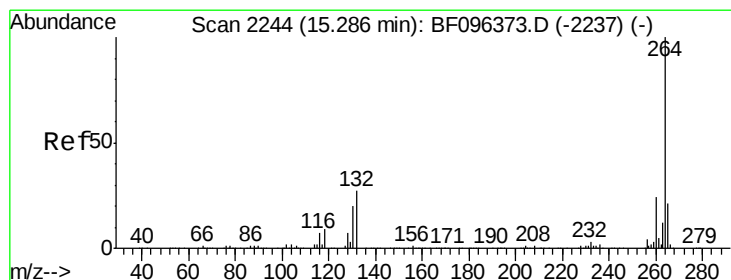
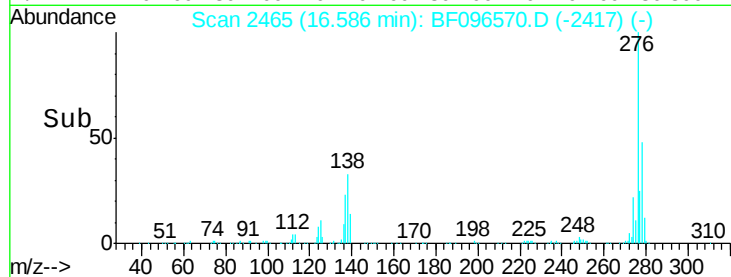
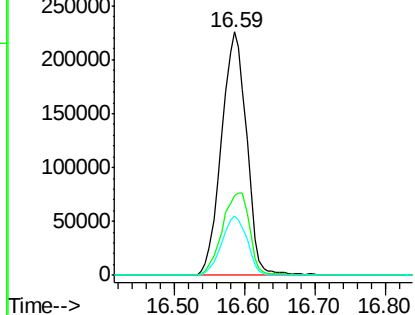
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.60 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. -0.02 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.8	27.8	41.6
277	24.8	20.2	30.4

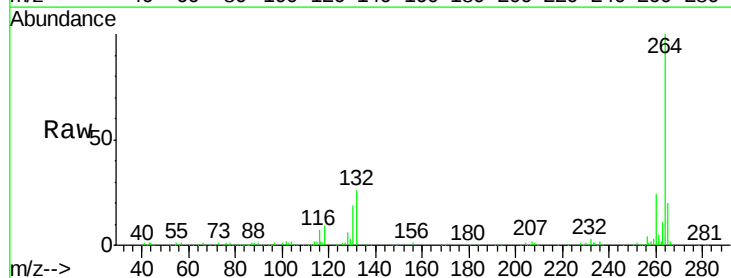


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

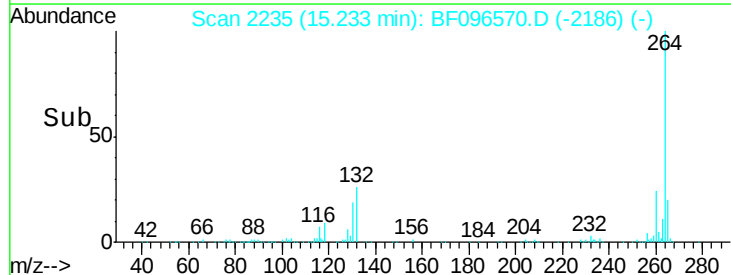
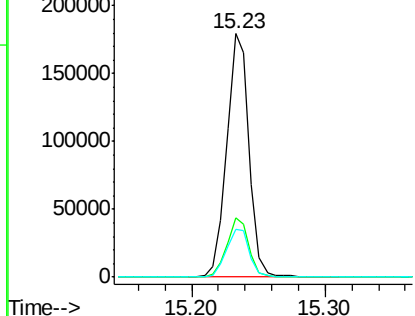


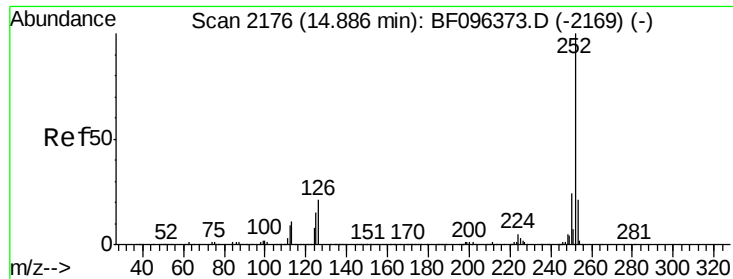
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF096570.D
 Acq: 7 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	19.7	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 39.09 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

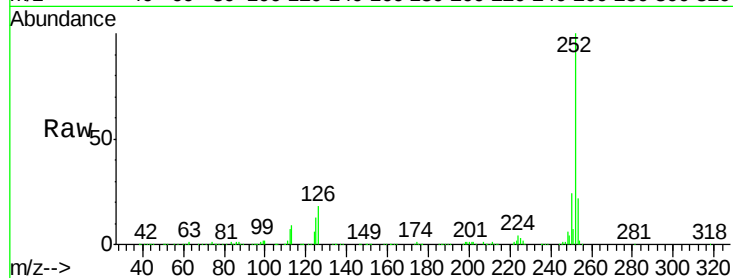
Tot Ion:252 Resp: 517253

Ion Ratio Lower Upper

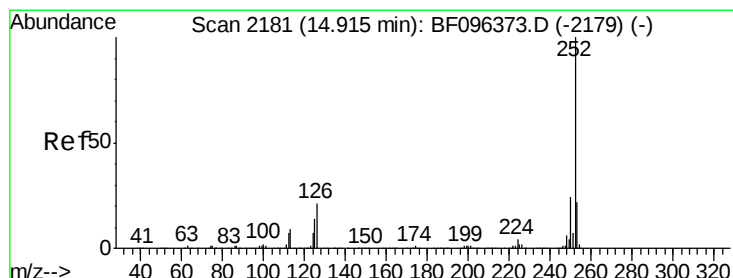
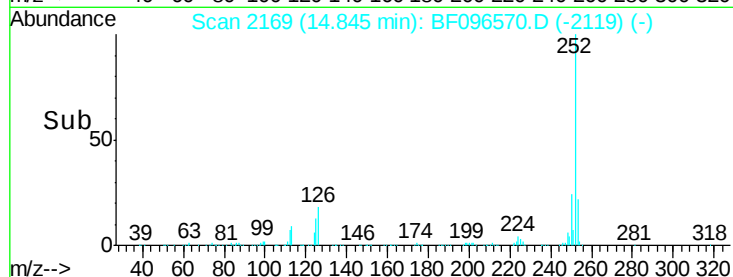
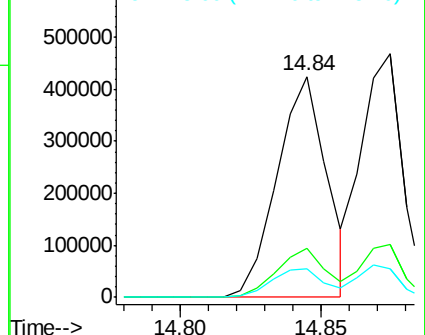
252 100

253 22.3 18.1 27.1

125 13.2 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: 43.70 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

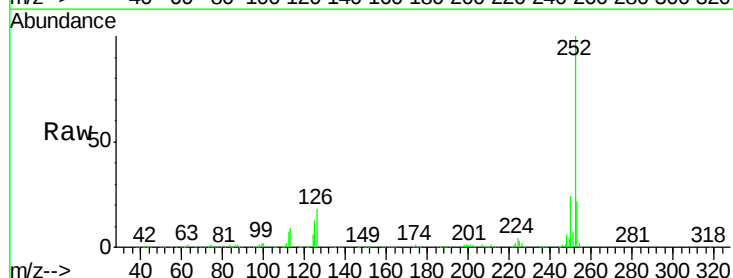
Tgt Ion:252 Resp: 517253

Ion Ratio Lower Upper

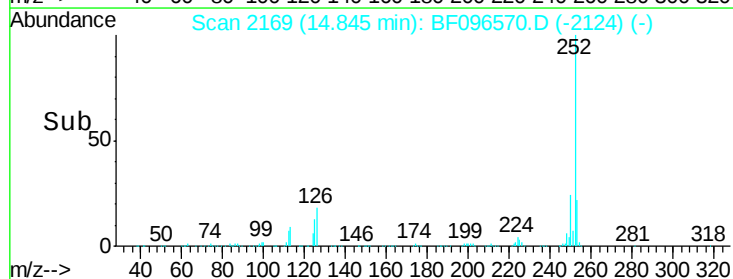
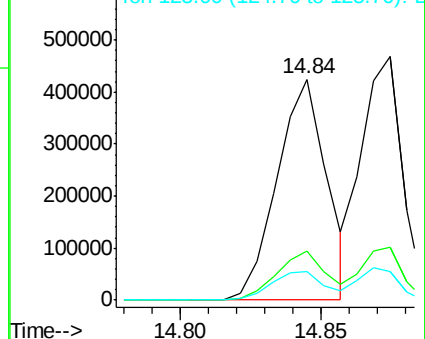
252 100

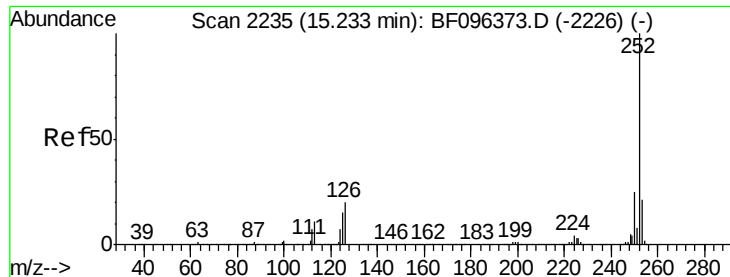
253 22.3 18.4 27.6

125 13.2 13.1 19.7



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

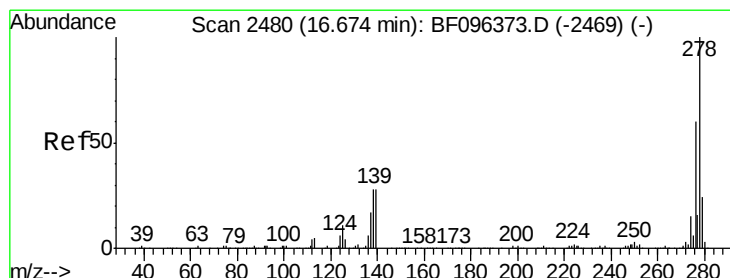
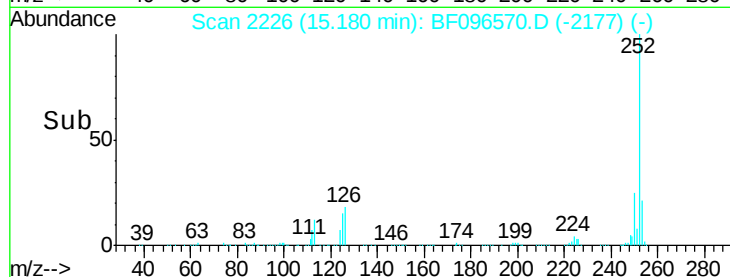
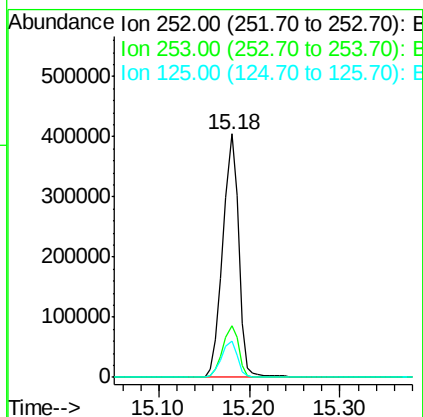
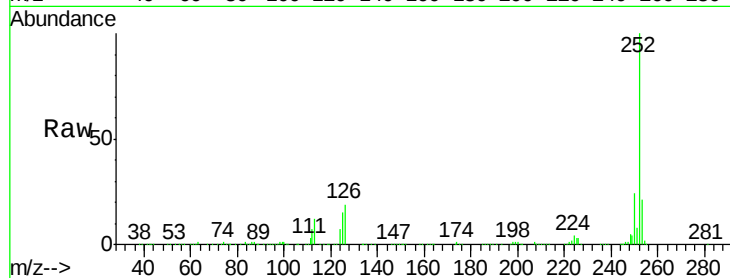




#89
Benzo(a)pyrene
Concen: 41.43 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

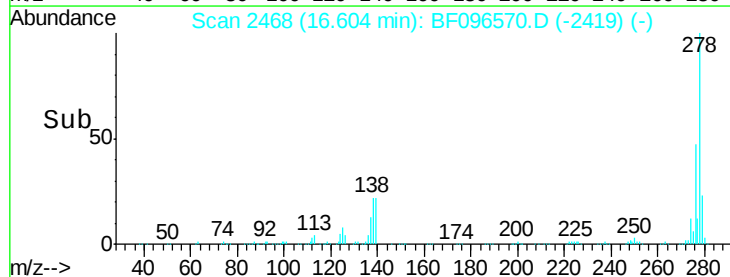
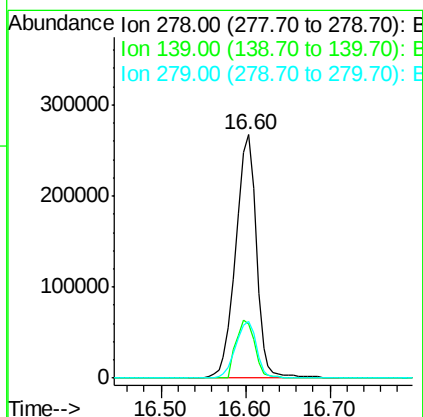
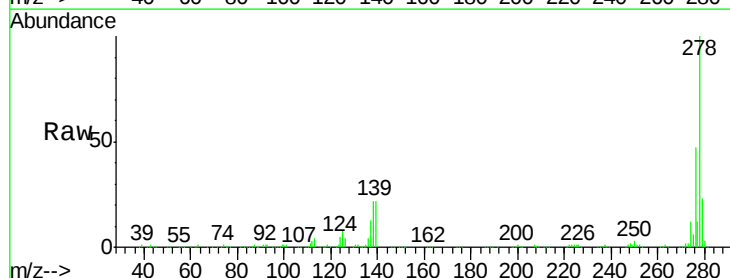
Instrument :
BNA_F
ClientSampled :

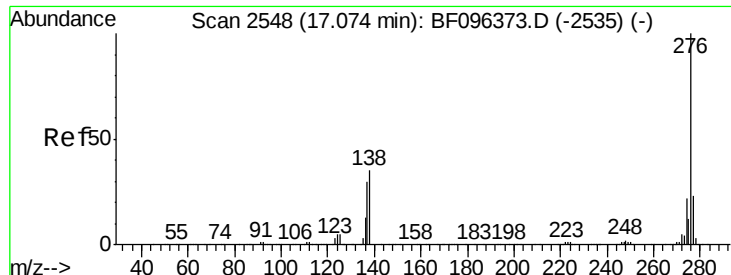
Tot Ion:252 Resp: 489453
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 15.1 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 48.69 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF096570.D
Acq: 7 Jul 2017 20:24

Tgt Ion:278 Resp: 452461
Ion Ratio Lower Upper
278 100
139 22.3 16.6 24.8
279 23.4 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 51.06 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF096570.D

Acq: 7 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 491693

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 31.3 25.4 38.0

