

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096449.D
 Acq On : 3 Jul 2017 18:57
 Operator : SJ/MA
 Sample : I3979-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 01:14:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	127759	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	512782	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	190404	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	264625	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	215863	20.00	ng	0.00
86) Perylene-d12	15.28	264	159390	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1040084	120.16	ng	0.00
7) Phenol-d6	6.37	99	1253465	117.79	ng	0.00
23) Nitrobenzene-d5	7.29	82	647886	75.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	172361	115.89	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1091517	98.02	ng	-0.01
78) Terphenyl-d14	12.83	244	737116	72.97	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.44	88	134647	32.81	ng	# 76
3) Pyridine	3.14	79	394672	35.05	ng	# 65
4) n-Nitrosodimethylamine	3.08	42	230594	41.48	ng	# 87
6) Aniline	6.39	93	454517	33.05	ng	# 1
8) 2-Chlorophenol	6.52	128	359963	39.00	ng	# 97
9) Benzaldehyde	6.27	77	157182	23.60	ng	# 98
10) Phenol	6.39	94	495909	40.91	ng	# 84
11) bis(2-Chloroethyl)ether	6.47	93	397248	42.40	ng	# 94
12) 1,3-Dichlorobenzene	6.67	146	411990	42.57	ng	# 98
13) 1,4-Dichlorobenzene	6.75	146	416169	43.02	ng	# 95
14) 1,2-Dichlorobenzene	6.90	146	349223	39.32	ng	# 97
15) Benzyl Alcohol	6.87	79	276133	38.82	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	730189	38.34	ng	# 92
17) 2-Methylphenol	6.99	107	282529	38.41	ng	# 98
18) Hexachloroethane	7.24	117	103355	29.47	ng	# 83
19) n-Nitroso-di-n-propylamine	7.15	70	230952	36.43	ng	# 84
20) 3+4-Methylphenols	7.15	107	329582	40.17	ng	# 78
22) Acetophenone	7.14	105	458698	40.94	ng	# 92
24) Nitrobenzene	7.31	77	334626	37.38	ng	# 90
25) Isophorone	7.55	82	704350	42.57	ng	# 96
26) 2-Nitrophenol	7.62	139	121779	25.70	ng	# 87
27) 2,4-Dimethylphenol	7.67	122	350100	43.39	ng	# 96
28) bis(2-Chloroethoxy)methane	7.76	93	500792	45.85	ng	# 99
29) 2,4-Dichlorophenol	7.87	162	290691	41.76	ng	# 95
30) 1,2,4-Trichlorobenzene	7.95	180	282316	42.99	ng	# 98
31) Naphthalene	8.03	128	1049810	43.37	ng	# 100
32) Benzoic acid	7.67	122	350100	51.67	ng	# 12
33) 4-Chloroaniline	8.08	127	331096	32.93	ng	# 95
34) Hexachlorobutadiene	8.16	225	148054	43.96	ng	# 99
35) Caprolactam	8.44	113	87283	36.36	ng	# 57
36) 4-Chloro-3-methylphenol	8.57	107	289471	37.58	ng	# 92
37) 2-Methylnaphthalene	8.72	142	665327	43.18	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	230274	46.58	ng	# 99
40) Hexachlorocyclopentadiene	8.88	237	41497	17.26	ng	# 98

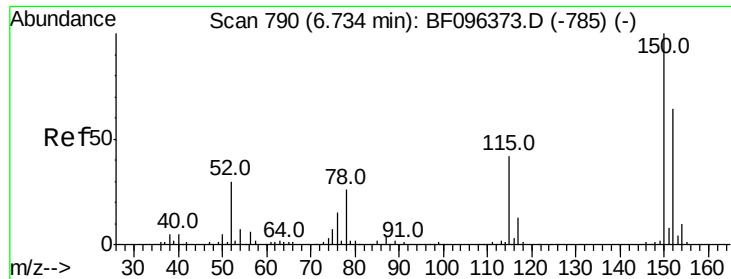
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
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 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	158760	40.59	nq	96
43) 2,4,5-Trichlorophenol	9.05	196	162111	41.92	nq	95
45) 1,1'-Biphenyl	9.19	154	732519	44.90	nq	97
46) 2-Chloronaphthalene	9.21	162	544894	44.82	nq	95
47) 2-Nitroaniline	9.30	65	206096	46.59	nq	95
48) Acenaphthylene	9.62	152	825906	42.87	nq	99
49) Dimethylphthalate	9.49	163	865438	60.89	nq	99
50) 2,6-Dinitrotoluene	9.55	165	113150	36.00	nq	# 93
51) Acenaphthene	9.79	154	475058	40.01	nq	100
52) 3-Nitroaniline	9.71	138	188597	48.11	nq	95
53) 2,4-Dinitrophenol	9.82	184	3697	2.21	nq	# 74
54) Dibenzofuran	9.96	168	711552	45.38	nq	100
55) 4-Nitrophenol	9.87	139	178856	55.04	nq	# 66
56) 2,4-Dinitrotoluene	9.95	165	122366	30.74	nq	# 88
57) Fluorene	10.31	166	486689	43.95	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	116446	43.52	nq	98
59) Diethylphthalate	10.19	149	580608	43.22	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	214248	44.47	nq	99
61) 4-Nitroaniline	10.32	138	171353	48.07	nq	89
62) Azobenzene	10.46	77	556421	42.83	nq	92
64) 4,6-Dinitro-2-methylphenol	10.35	198	6878	3.77	nq	88
65) n-Nitrosodiphenylamine	10.42	169	461576	49.71	nq	98
66) 4-Bromophenyl-phenylether	10.79	248	125878	48.87	nq	94
67) Hexachlorobenzene	10.86	284	130971	46.44	nq	# 85
68) Atrazine	10.95	200	120386	45.38	nq	95
69) Pentachlorophenol	11.05	266	125644	75.18	nq	97
70) Phenanthrene	11.26	178	683015	47.75	nq	99
71) Anthracene	11.32	178	670758	46.01	nq	99
72) Carbazole	11.47	167	677739	46.23	nq	98
73) Di-n-butylphthalate	11.81	149	842596	47.45	nq	98
74) Fluoranthene	12.45	202	693632	49.46	nq	98
76) Benzidine	12.57	184	482941	46.63	nq	# 93
77) Pyrene	12.67	202	724302	41.80	nq	100
79) Butylbenzylphthalate	13.30	149	331502	37.80	nq	# 82
80) Benzo(a)anthracene	13.86	228	548806	43.90	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	217989	42.46	nq	# 96
82) Chrysene	13.90	228	558217	42.64	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	439882	44.93	nq	99
84) Di-n-octyl phthalate	14.47	149	862177	44.72	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.65	276	393836	38.11	nq	97
87) Benzo(b)fluoranthene	14.88	252	463660	46.42	nq	98
88) Benzo(k)fluoranthene	14.91	252	399691	44.74	nq	96
89) Benzo(a)pyrene	15.23	252	403917	45.30	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	328684	46.86	nq	# 96
91) Benzo(g,h,i)perylene	17.06	276	323519	44.51	nq	98

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

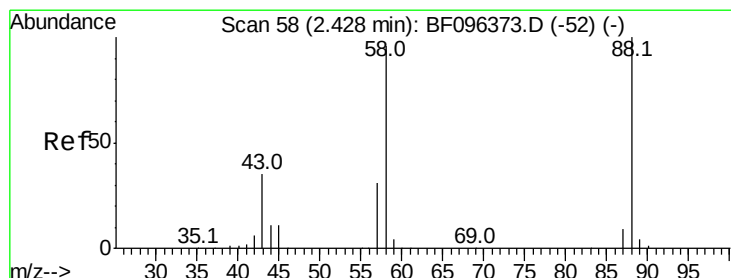
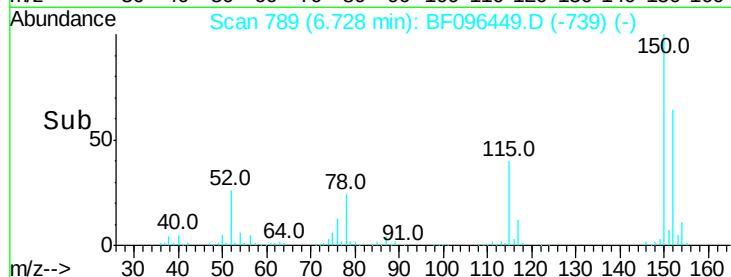
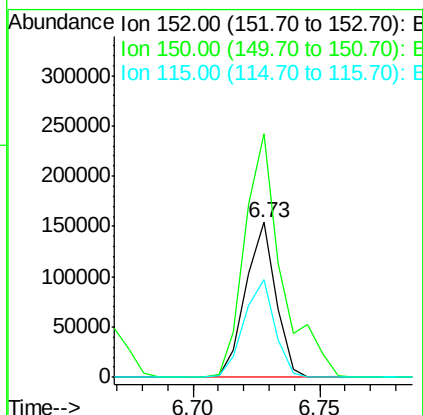
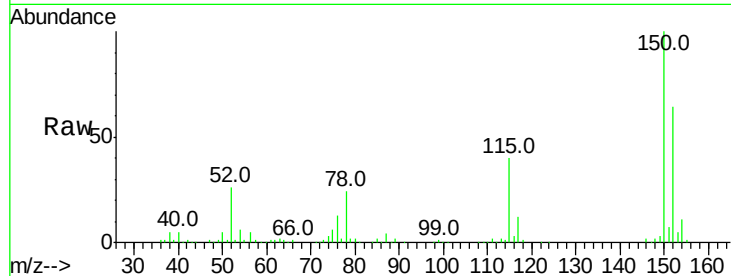


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Instrument :
BNA_F
ClientSampleId :

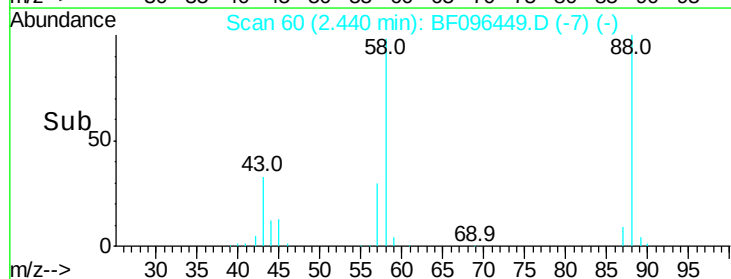
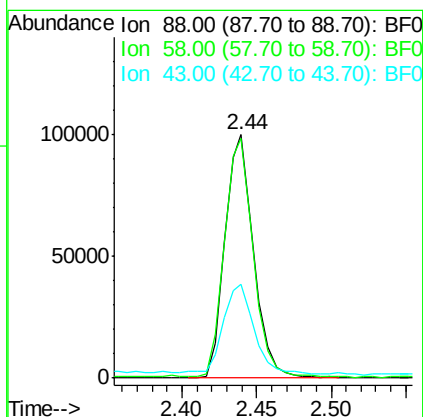
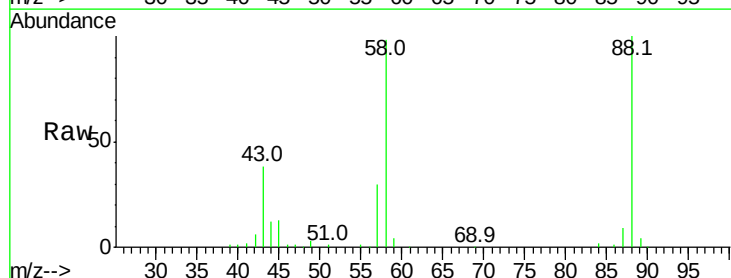
Tot Ion:152 Resp: 127759
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 62.9 52.2 78.2

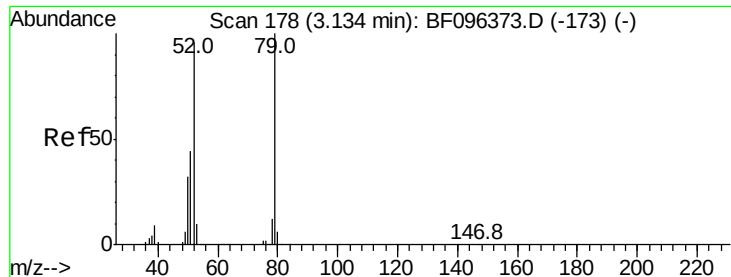


#2

1,4-Dioxane
Concen: 32.81 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Tgt Ion: 88 Resp: 134647
Ion Ratio Lower Upper
88 100
58 98.9 61.4 92.0#
43 39.3 23.4 35.0#





#3

Pvridine

Concen: 35.05 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampleId :

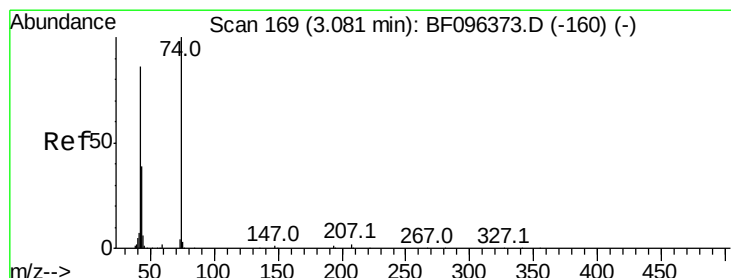
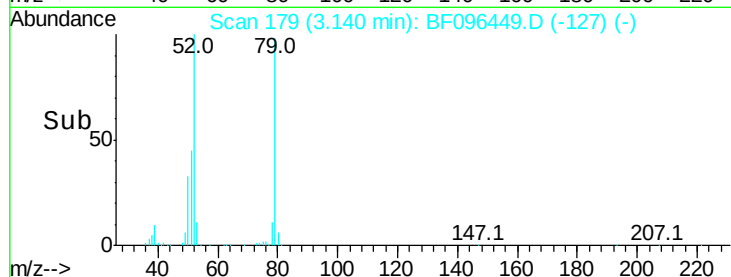
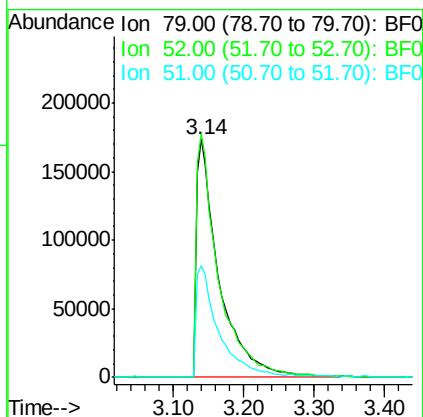
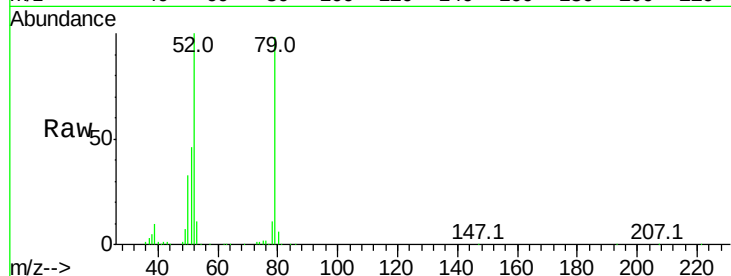
Tot Ion: 79 Resp: 394672

Ion Ratio Lower Upper

79 100

52 102.3 54.8 82.2#

51 46.7 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 41.48 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.00 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

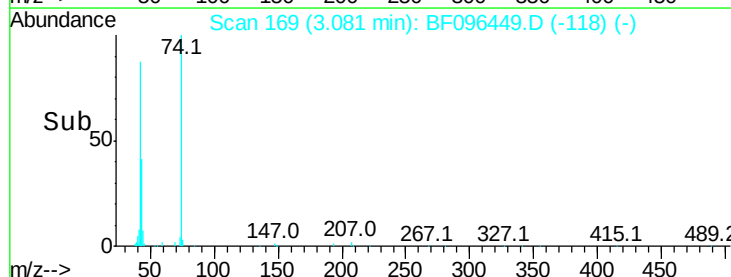
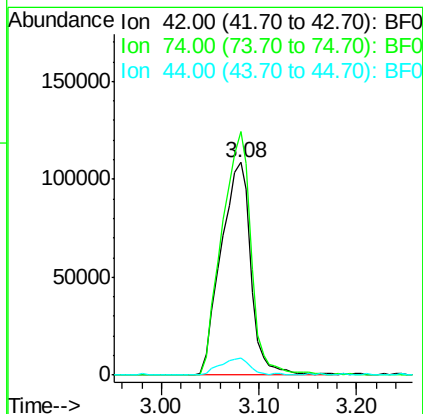
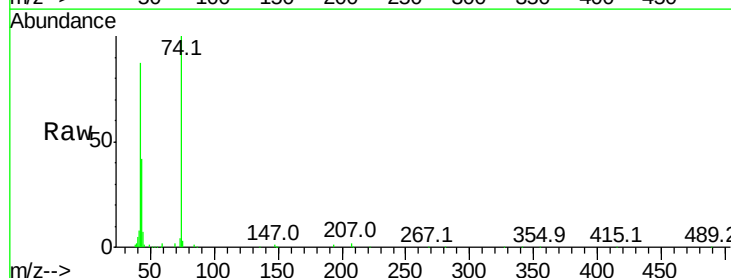
Tgt Ion: 42 Resp: 230594

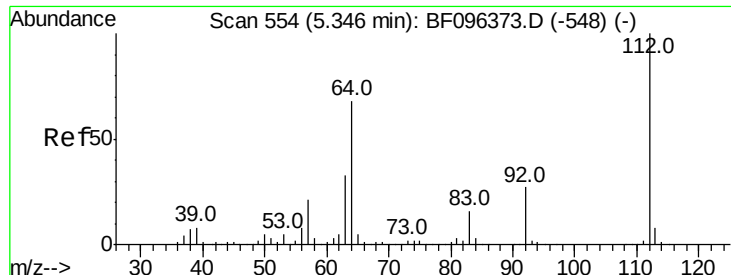
Ion Ratio Lower Upper

42 100

74 114.4 103.9 155.9

44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 120.16 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :
BNA_F
ClientSampled :

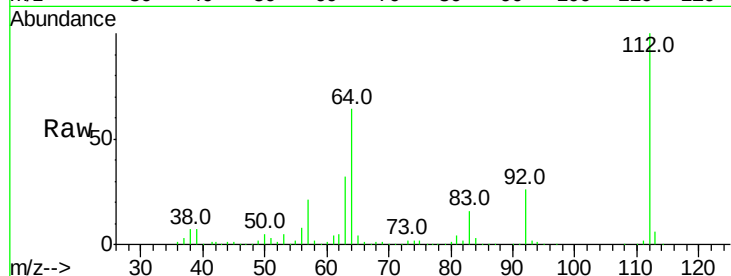
Tot Ion:112 Resp: 1040084

Ion Ratio Lower Upper

112 100

64 63.8 46.0 69.0

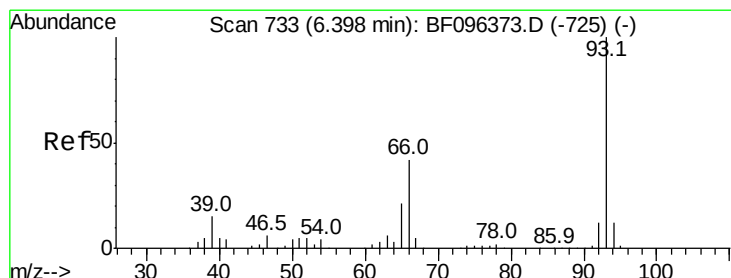
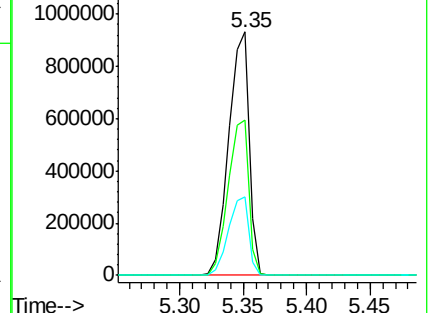
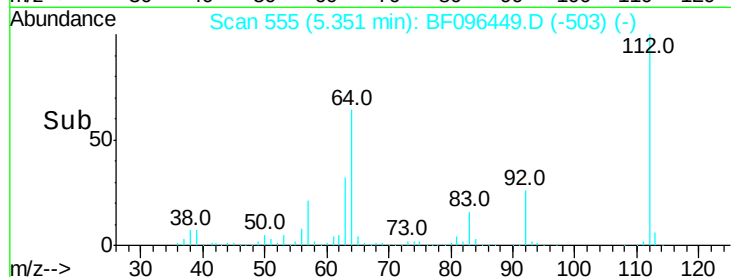
63 32.4 23.4 35.0



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: 33.05 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

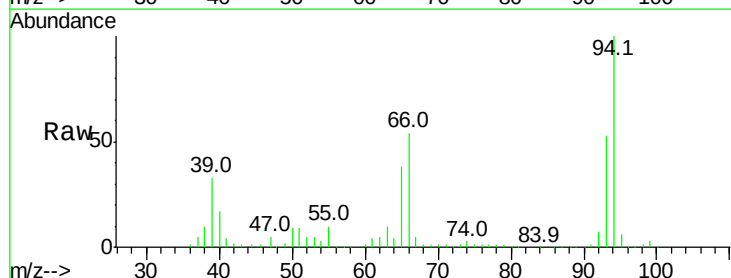
Tgt Ion: 93 Resp: 454517

Ion Ratio Lower Upper

93 100

66 101.0 32.9 49.3#

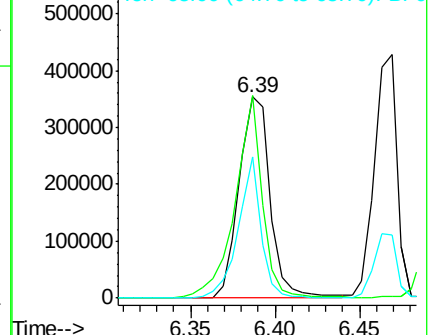
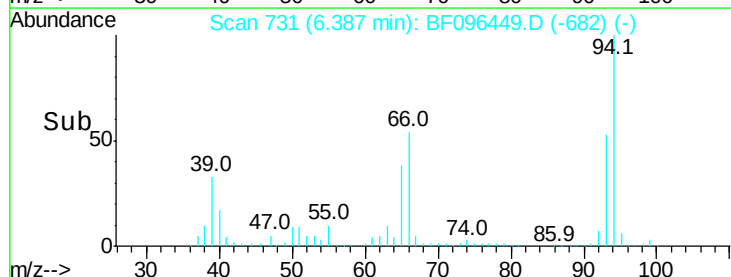
65 70.4 16.0 24.0#

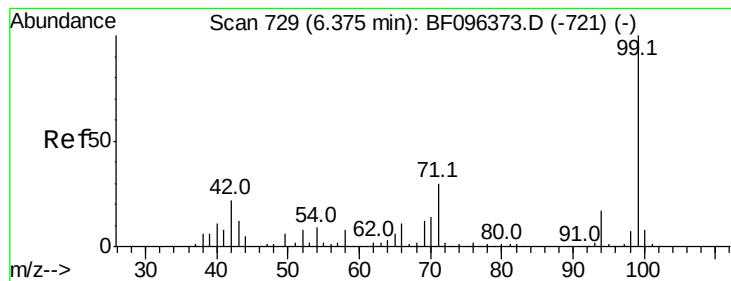


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.79 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

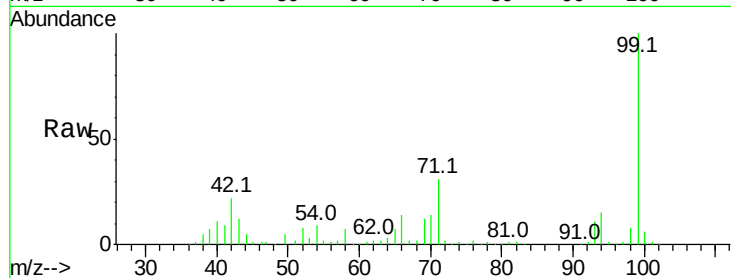
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1253465

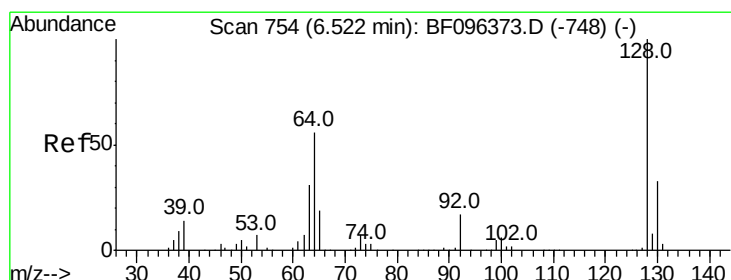
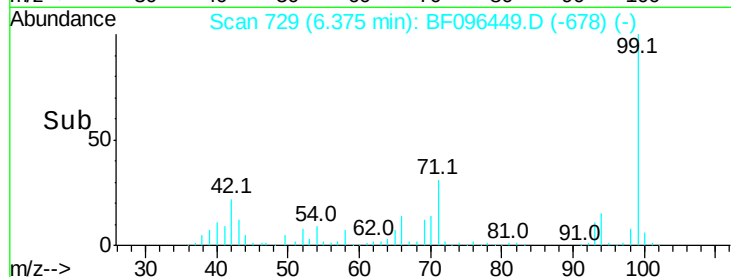
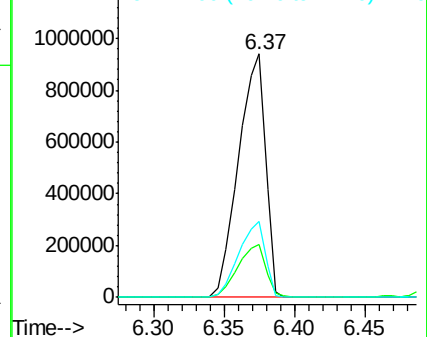
Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	31.3	24.5	36.7



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: 39.00 ng

RT: 6.52 min Scan# 753

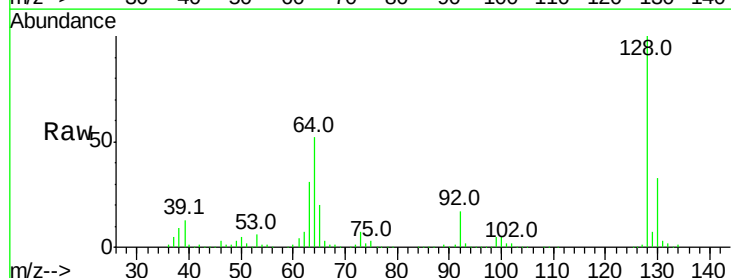
Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Tgt Ion:128 Resp: 359963

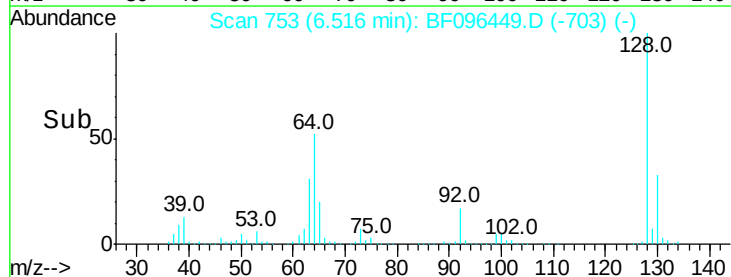
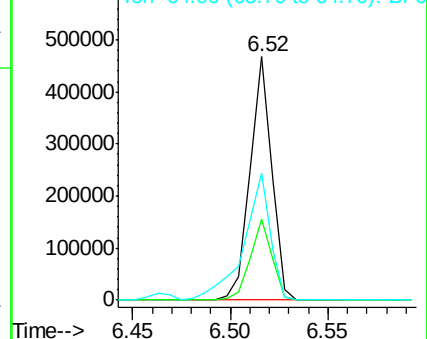
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	52.1	28.4	68.4

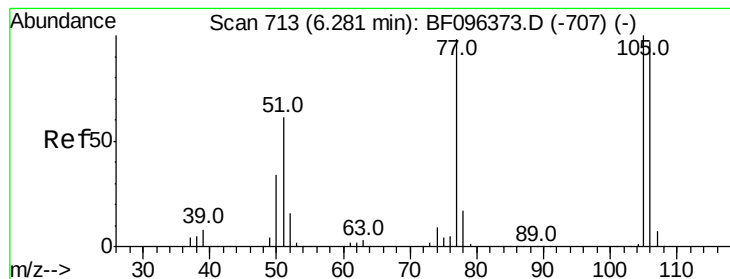


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.60 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampled :

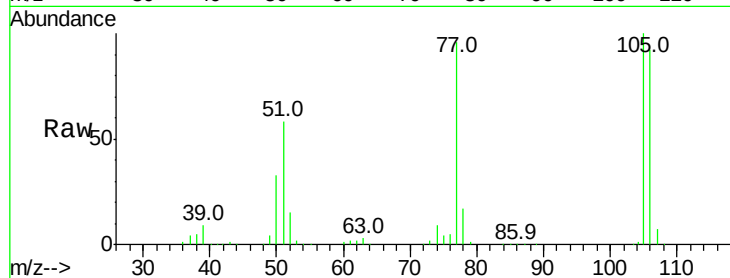
Tot Ion: 77 Resp: 157182

Ion Ratio Lower Upper

77 100

105 104.3 83.8 123.8

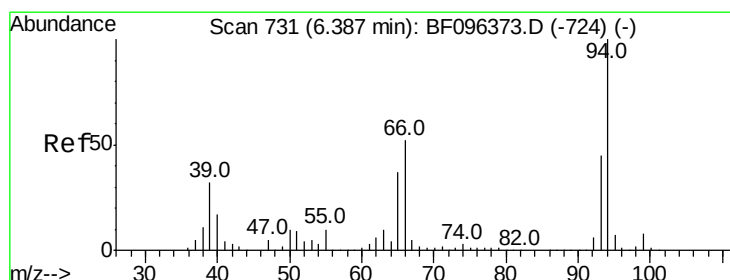
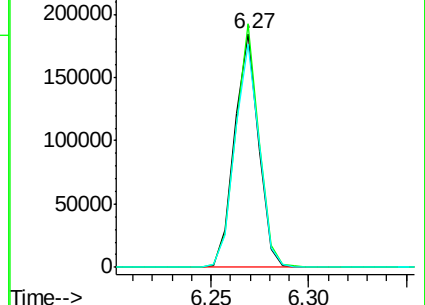
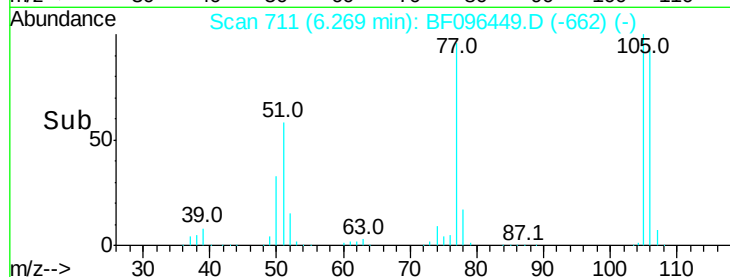
106 95.7 79.1 119.1



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: 40.91 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

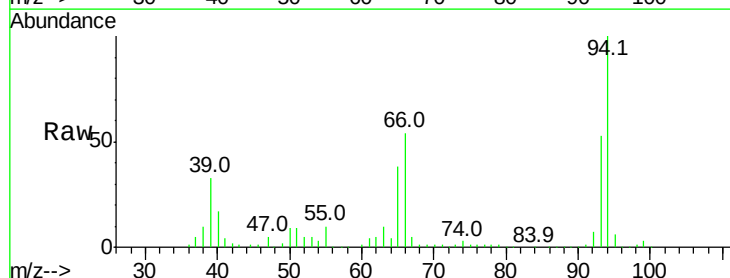
Tgt Ion: 94 Resp: 495909

Ion Ratio Lower Upper

94 100

65 37.6 9.9 49.9

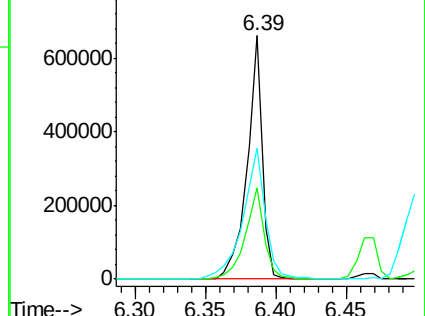
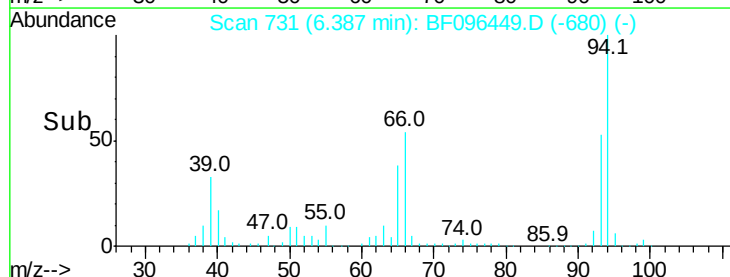
66 53.9 23.1 63.1

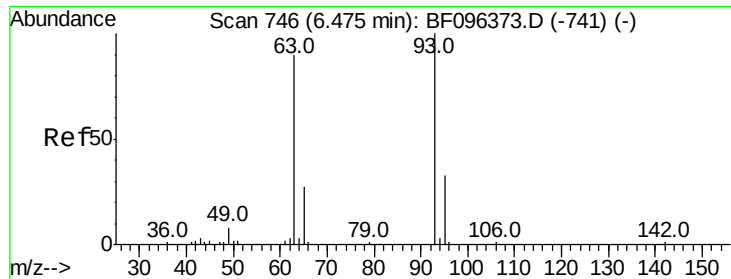


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.40 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampleId :

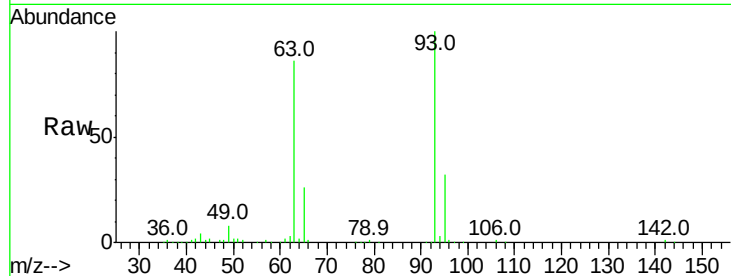
Tot Ion: 93 Resp: 397248

Ion Ratio Lower Upper

93 100

63 85.9 59.2 99.2

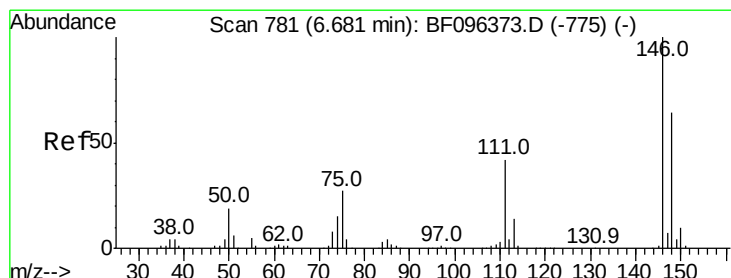
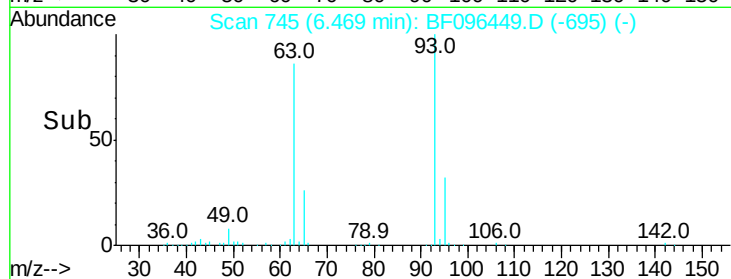
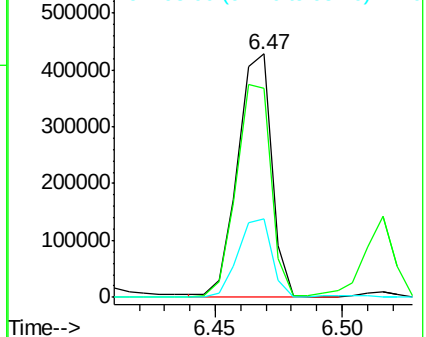
95 32.1 12.8 52.8



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: 42.57 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

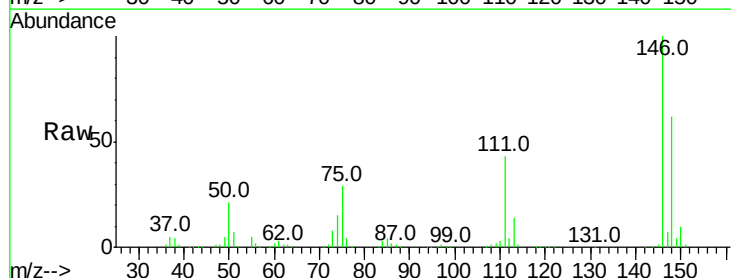
Tgt Ion: 146 Resp: 411990

Ion Ratio Lower Upper

146 100

148 62.4 51.8 77.6

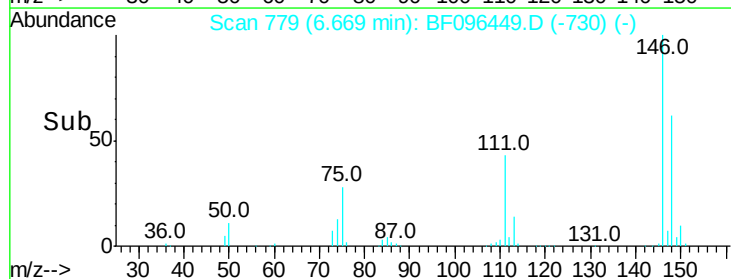
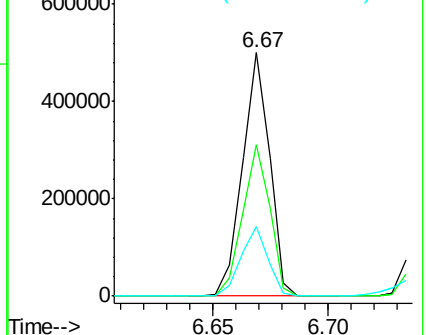
75 28.7 23.1 34.7

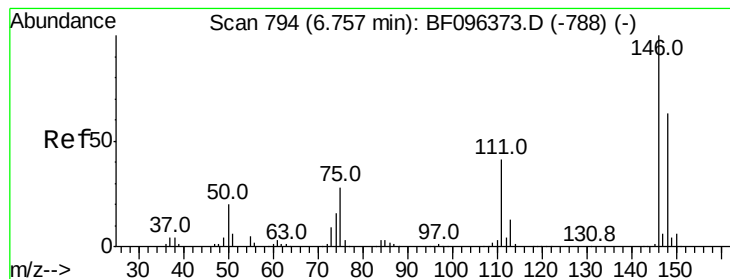


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

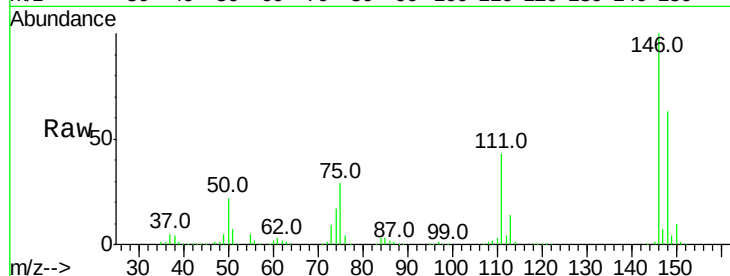




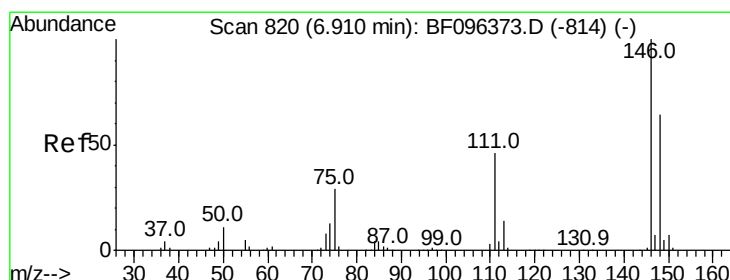
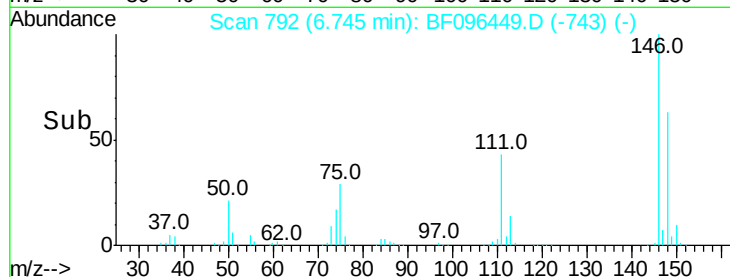
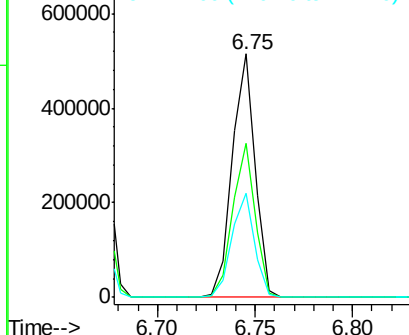
#13
 1,4-Dichlorobenzene
 Concen: 43.02 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 416169
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.2
 111 42.6 30.3 45.5

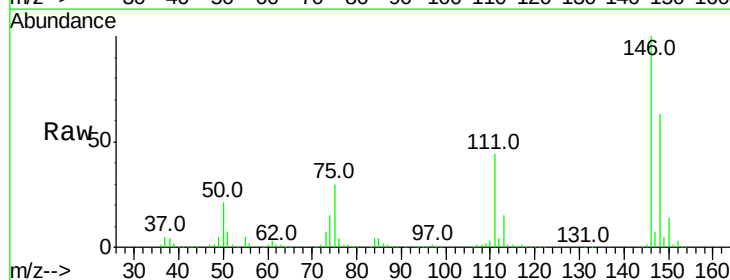


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

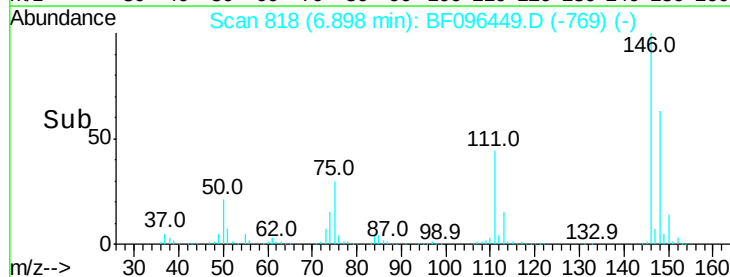
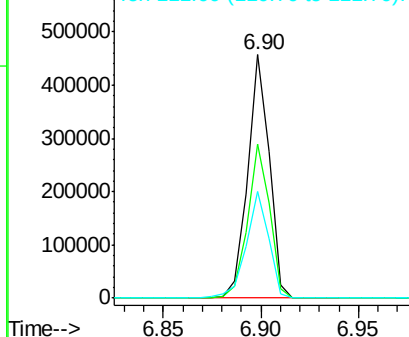


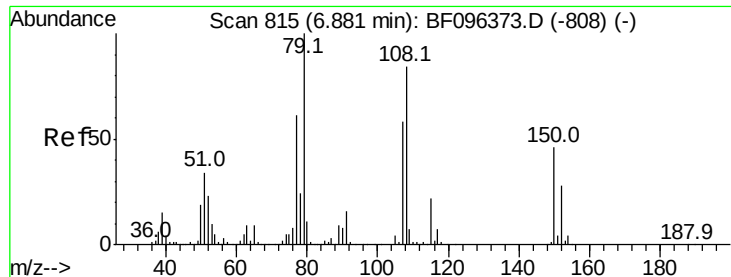
#14
 1,2-Dichlorobenzene
 Concen: 39.32 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Tgt Ion:146 Resp: 349223
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 111 44.1 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 38.82 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampled :

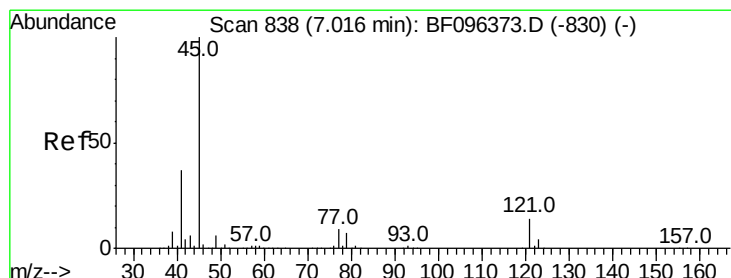
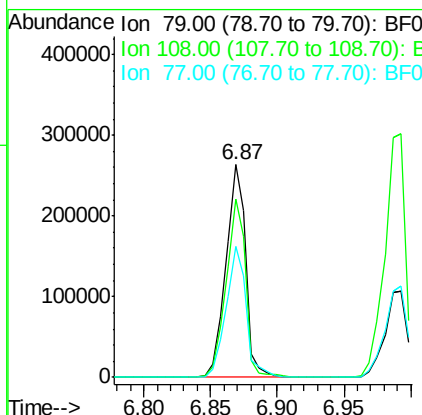
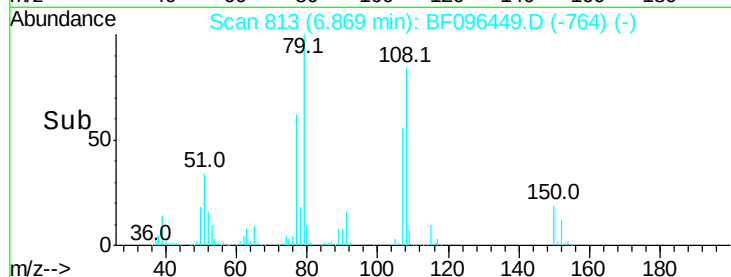
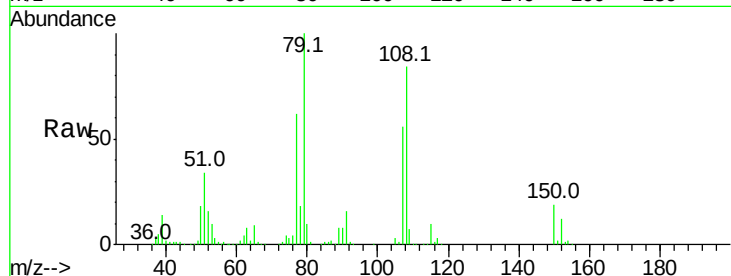
Tot Ion: 79 Resp: 276133

Ion Ratio Lower Upper

79 100

108 84.3 63.4 95.0

77 61.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.34 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

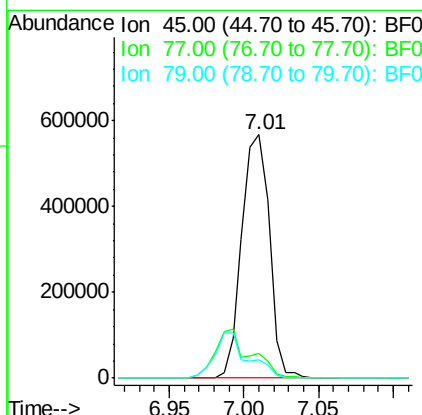
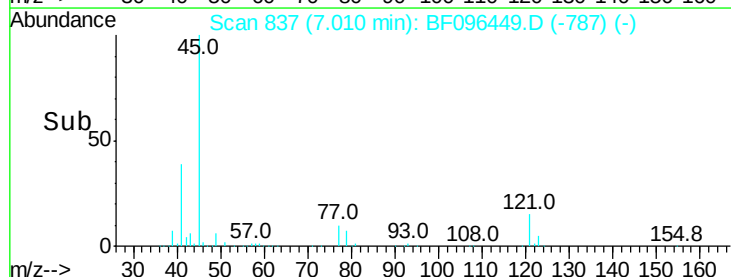
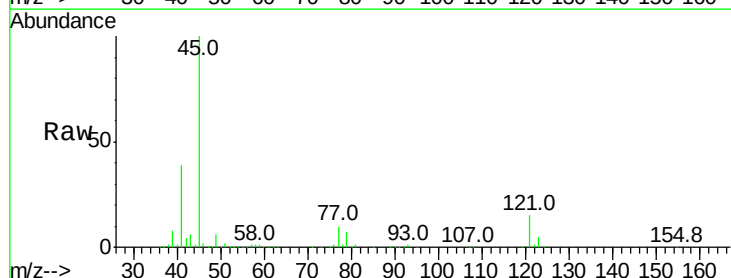
Tgt Ion: 45 Resp: 730189

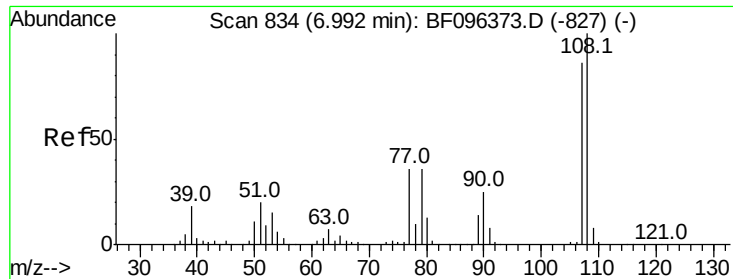
Ion Ratio Lower Upper

45 100

77 9.9 0.0 33.2

79 7.3 0.0 30.0

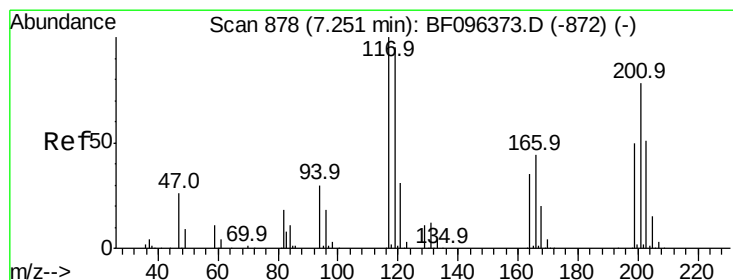
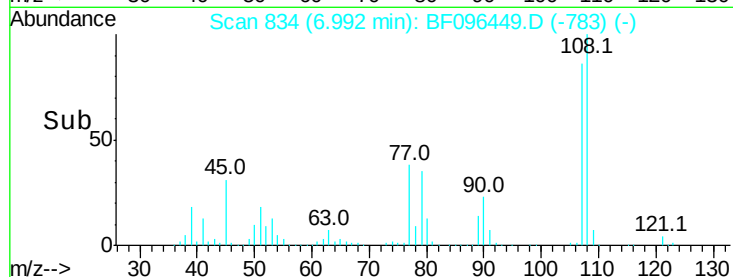
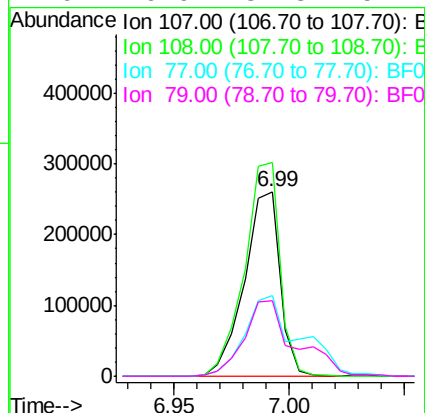
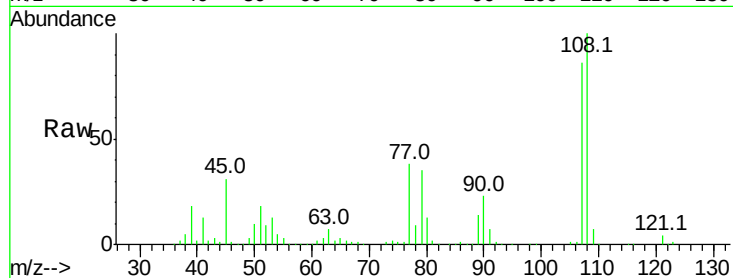




#17
2-Methylphenol
Concen: 38.41 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

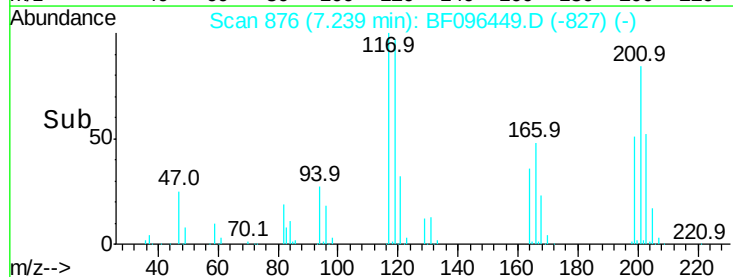
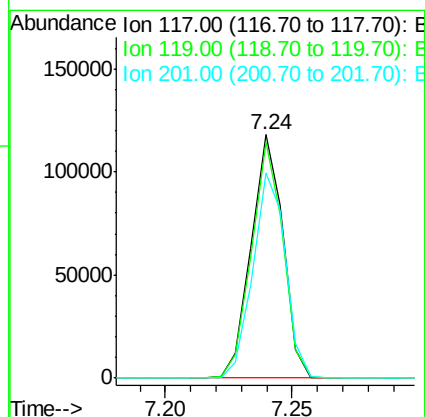
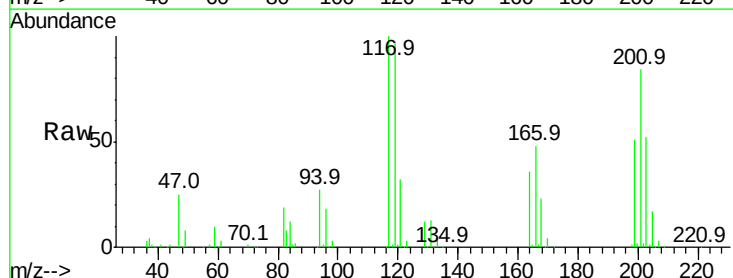
Instrument :
BNA_F
ClientSampleId :

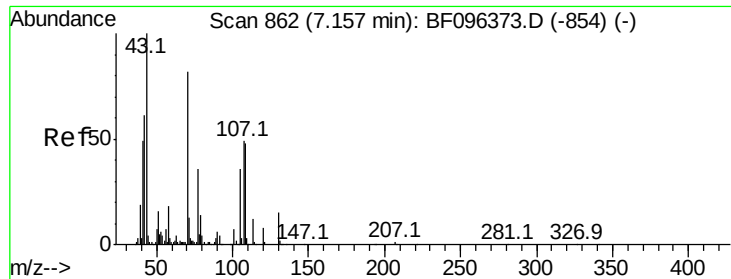
Tot Ion:107 Resp: 282529
Ion Ratio Lower Upper
107 100
108 115.9 93.4 140.0
77 43.6 35.8 53.6
79 40.9 34.8 52.2



#18
Hexachloroethane
Concen: 29.47 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Tgt Ion:117 Resp: 103355
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
201 84.4 94.6 141.8#

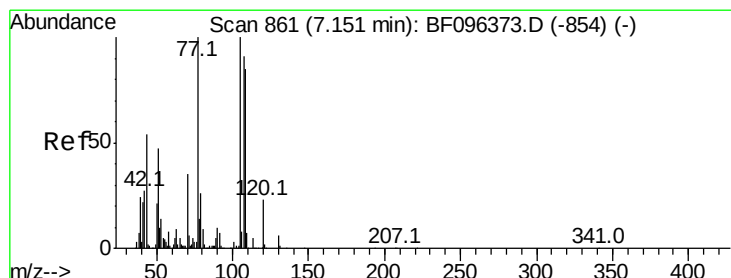
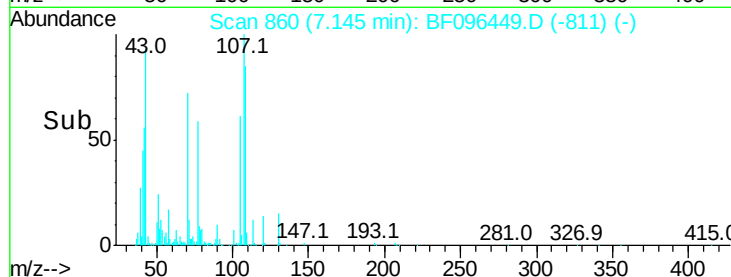
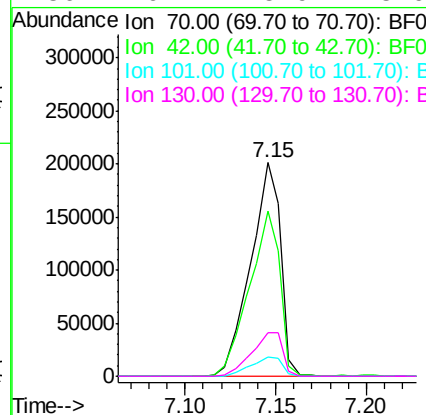
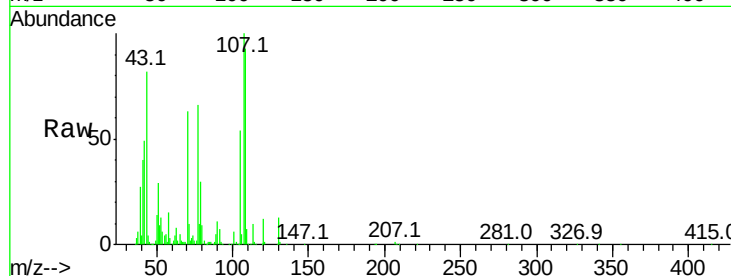




#19
n-Nitroso-di-n-propylamine
Concen: 36.43 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

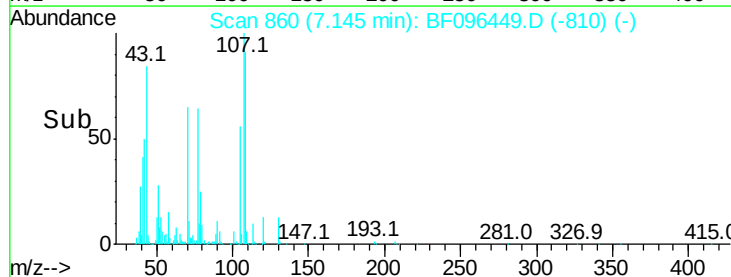
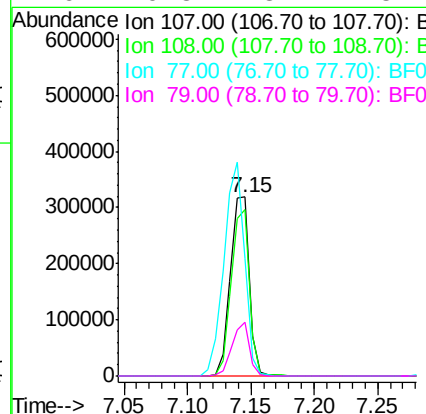
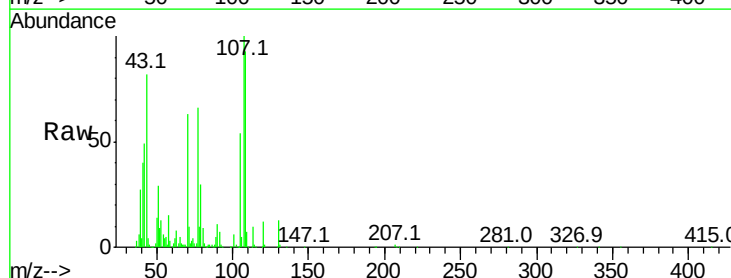
Instrument :
BNA_F
ClientSampleId :

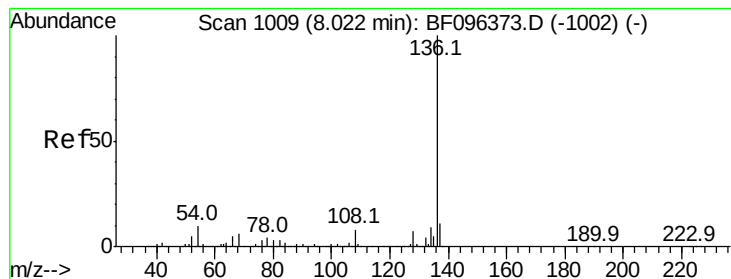
Tot Ion: 70 Resp: 230952
Ion Ratio Lower Upper
70 100
42 77.0 47.2 70.8#
101 9.2 7.2 10.8
130 20.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 40.17 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Tgt Ion: 107 Resp: 329582
Ion Ratio Lower Upper
107 100
108 93.2 71.0 111.0
77 65.7 90.5 130.5#
79 29.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 512782

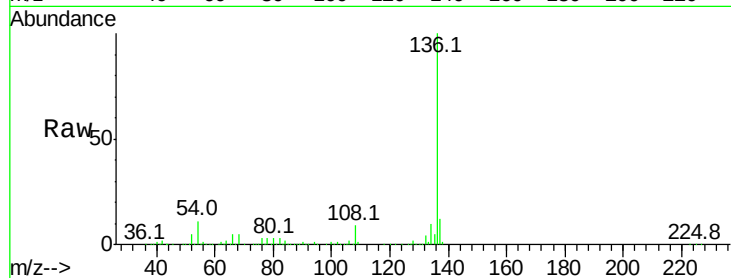
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 10.7 4.9 7.3#

68 5.5 4.1 6.1

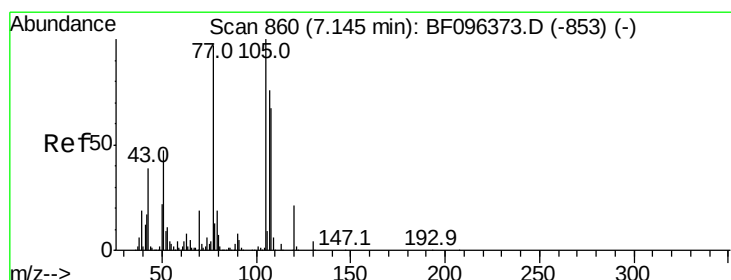
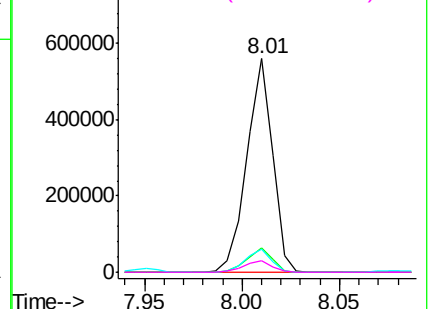
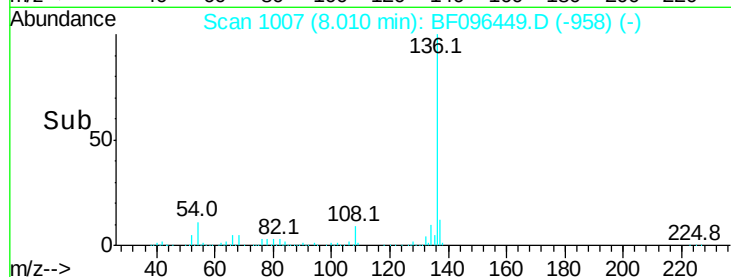


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.94 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Tgt Ion:105 Resp: 458698

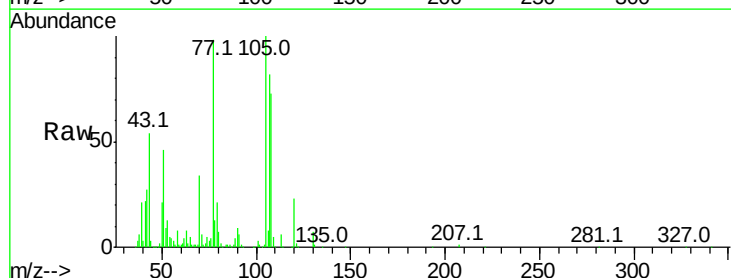
Ion Ratio Lower Upper

105 100

71 5.9 2.8 4.2#

51 45.6 30.7 46.1

120 22.8 17.4 26.0

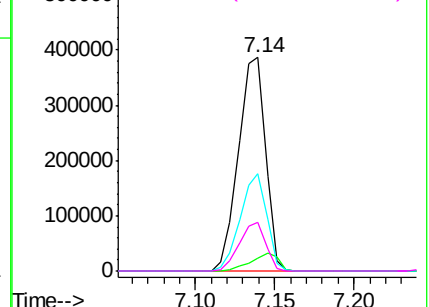
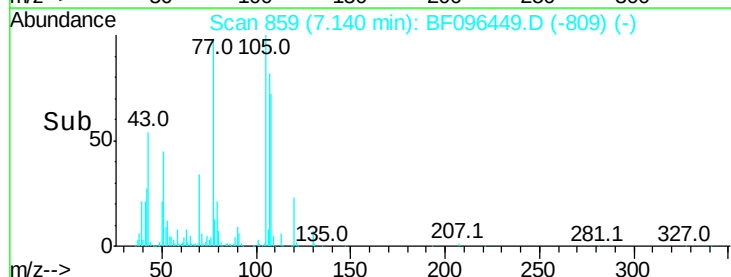


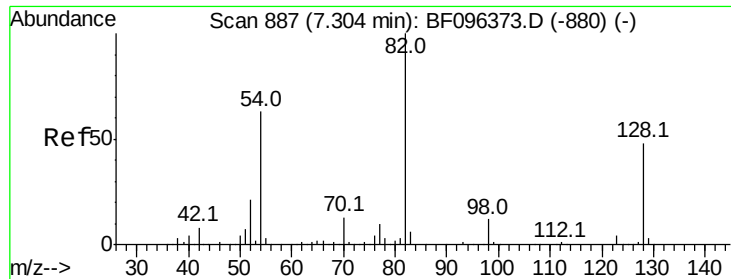
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

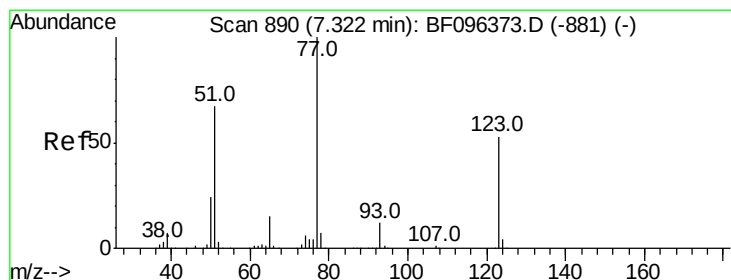
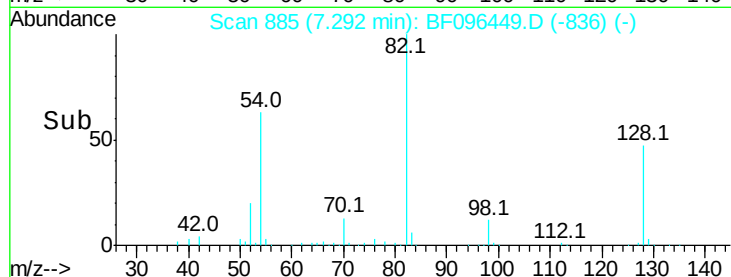
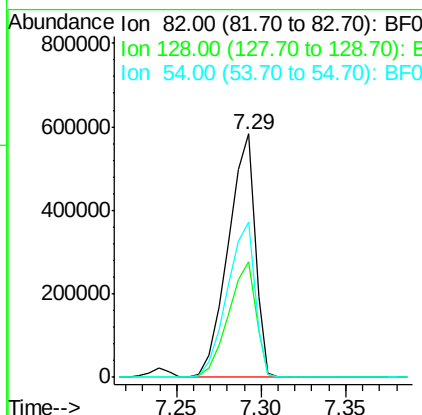
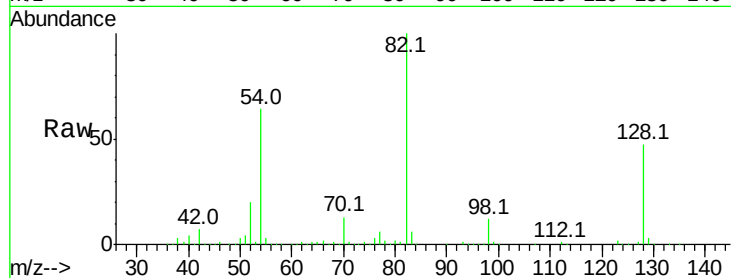




#23
 Nitrobenzene-d5
 Concen: 75.92 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

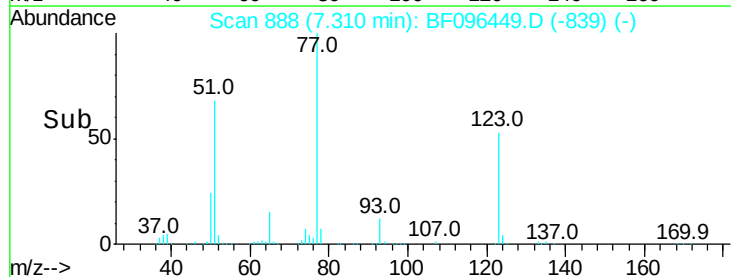
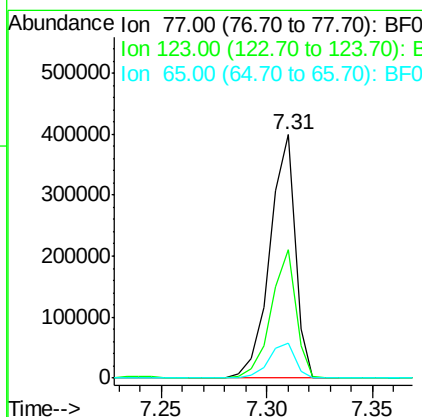
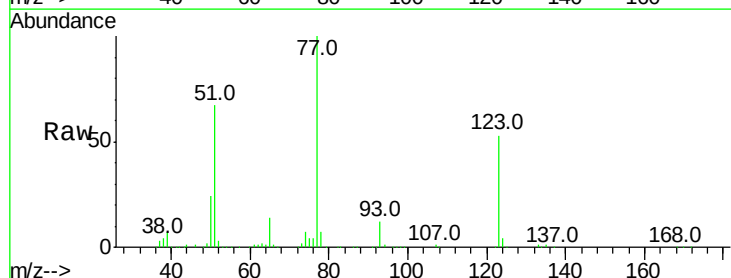
Instrument :
 BNA_F
 ClientSampled :

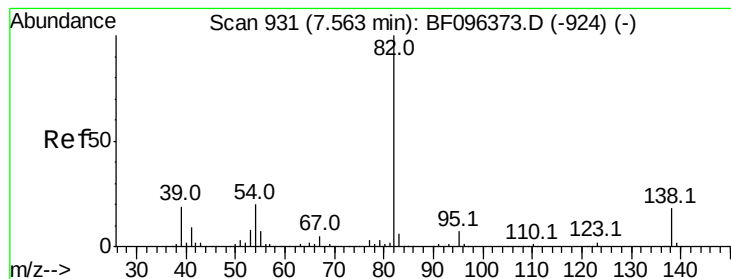
Tot Ion: 82 Resp: 647886
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 63.6 42.2 63.2#



#24
 Nitrobenzene
 Concen: 37.38 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Tgt Ion: 77 Resp: 334626
 Ion Ratio Lower Upper
 77 100
 123 52.9 35.8 53.8
 65 14.4 10.6 15.8





#25

Isophorone

Concen: 42.57 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampleId :

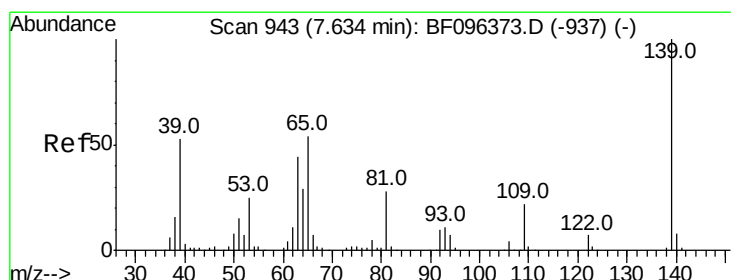
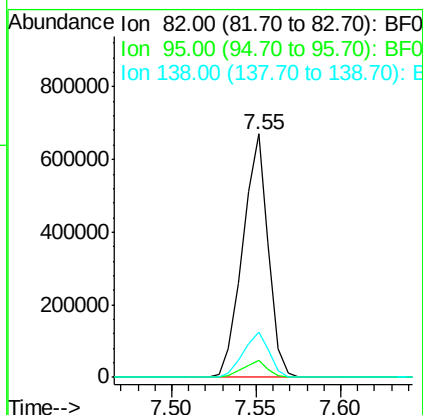
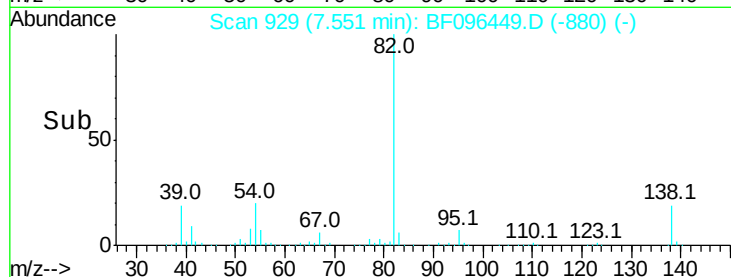
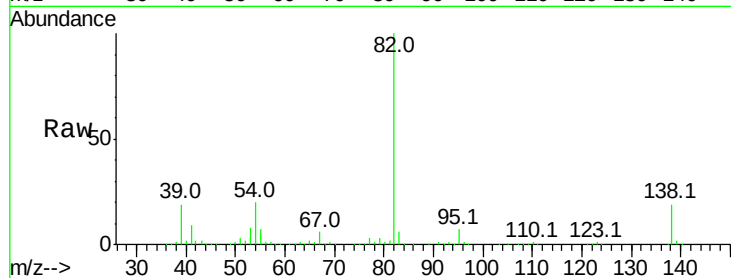
Tot Ion: 82 Resp: 704350

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 25.70 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

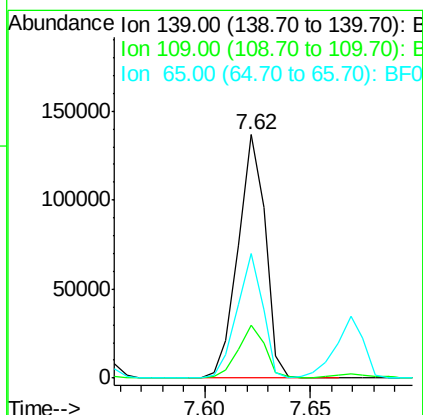
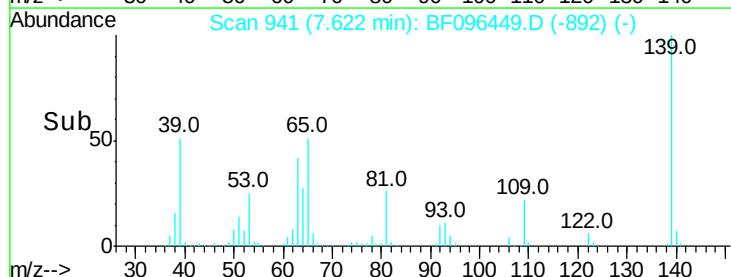
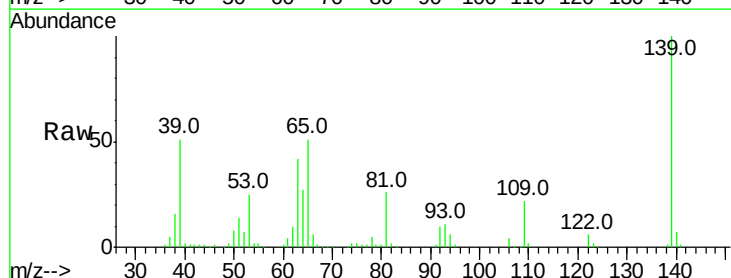
Tgt Ion:139 Resp: 121779

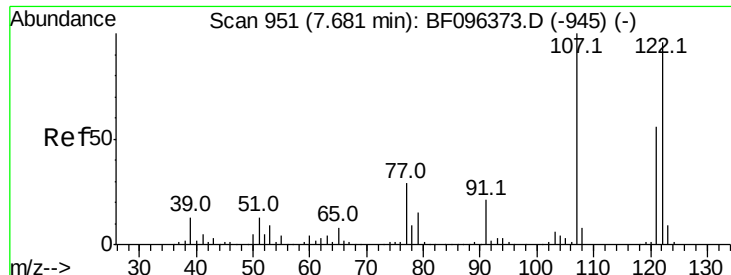
Ion Ratio Lower Upper

139 100

109 22.0 21.0 31.6

65 50.9 33.0 49.6#

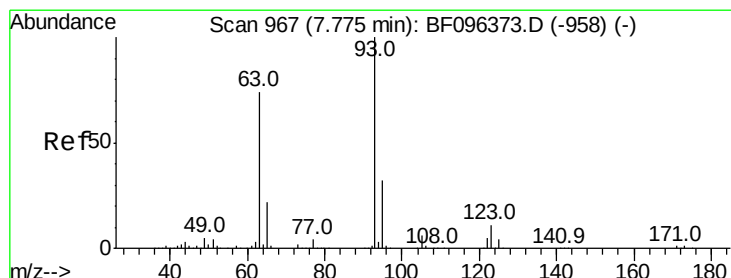
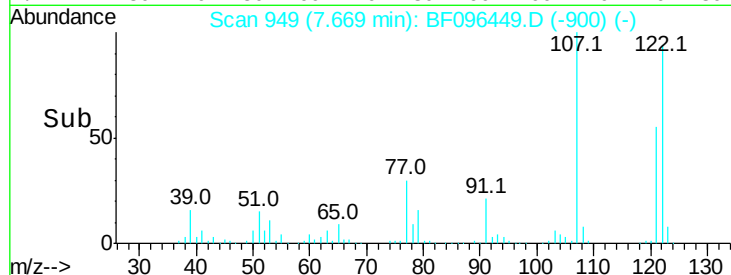
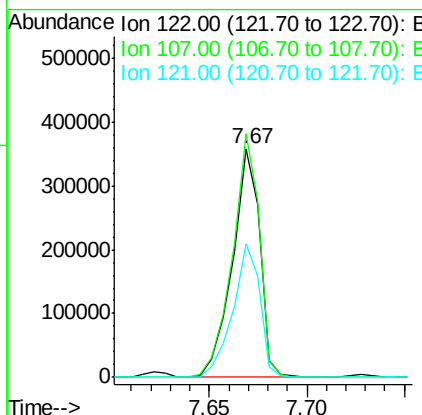
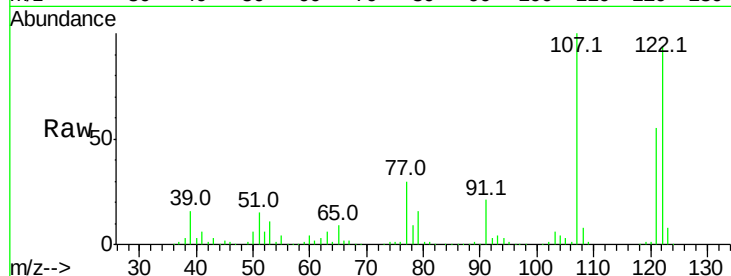




#27
 2,4-Dimethylphenol
 Concen: 43.39 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

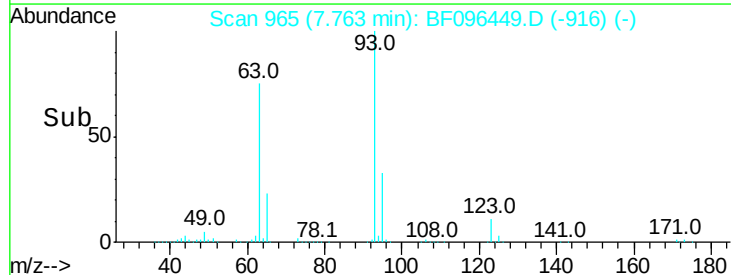
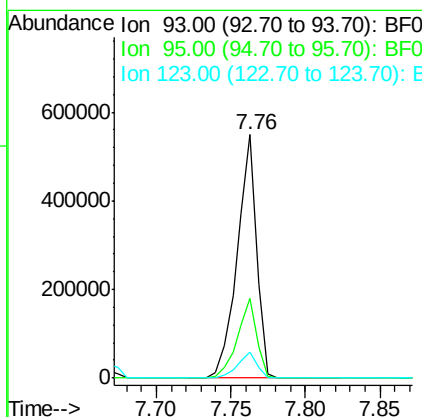
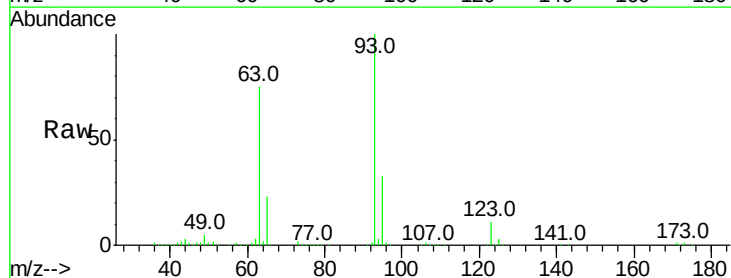
Instrument :
 BNA_F
 ClientSampled :

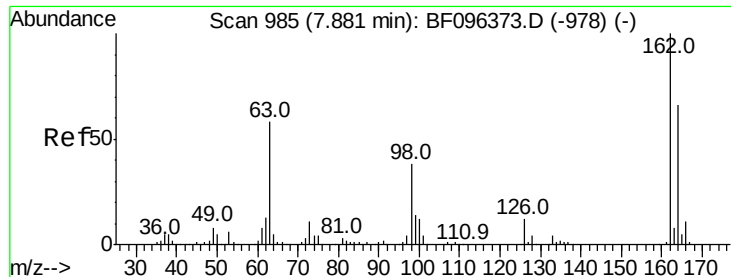
Tot Ion:122 Resp: 350100
 Ion Ratio Lower Upper
 122 100
 107 106.4 89.2 133.8
 121 58.2 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.85 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Tgt Ion: 93 Resp: 500792
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 10.8 9.0 13.4

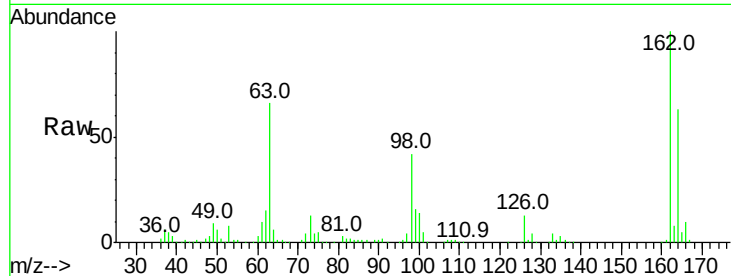




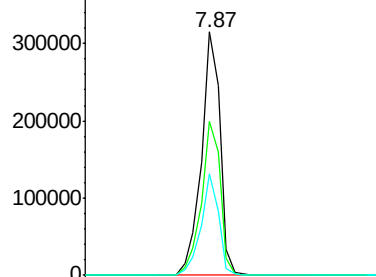
#29
 2,4-Dichlorophenol
 Concen: 41.76 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Instrument :
 BNA_F
 ClientSampleId :

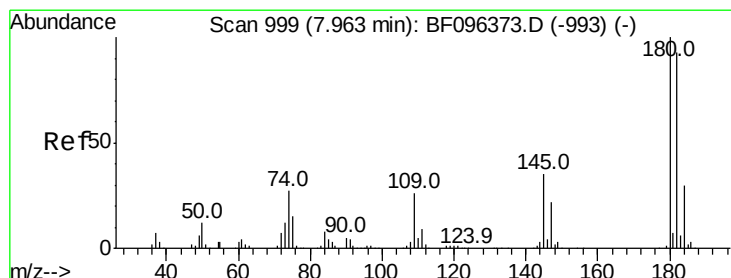
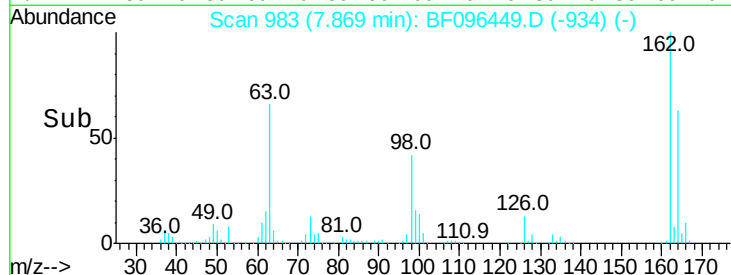
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	41.7	14.8	54.8



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

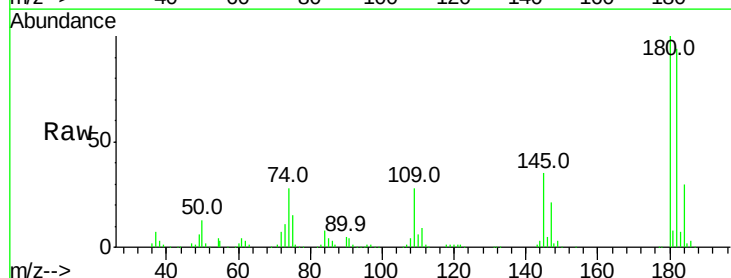


Time-->

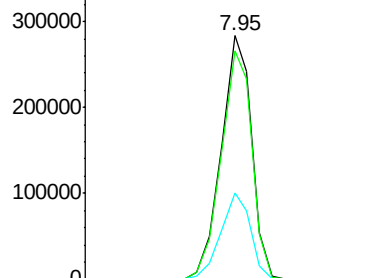


#30
 1,2,4-Trichlorobenzene
 Concen: 42.99 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

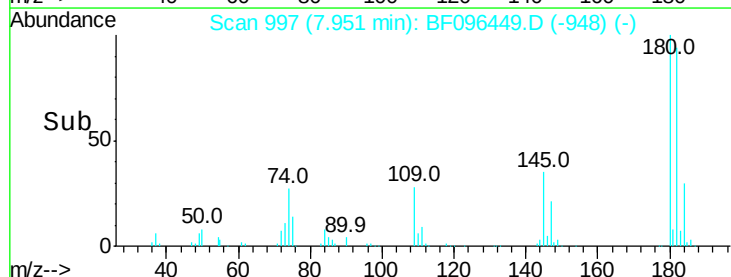
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.6
145	35.2	25.3	37.9

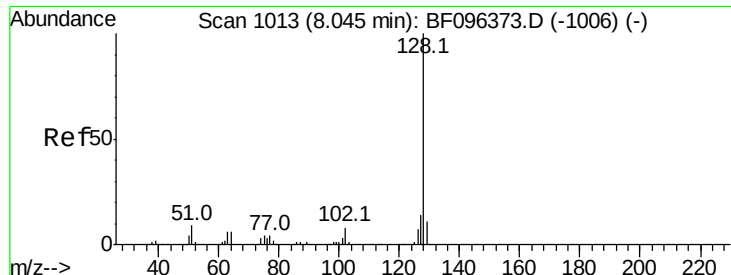


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



Time-->

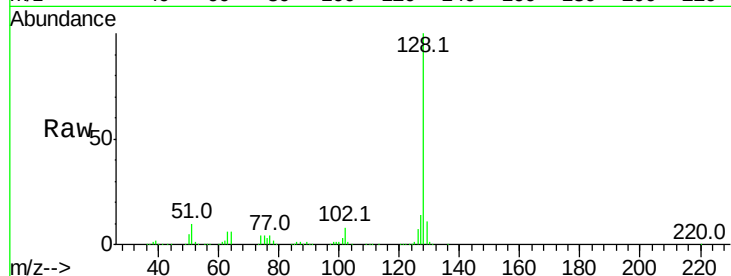




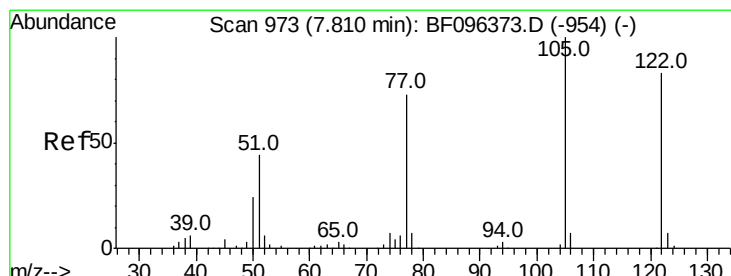
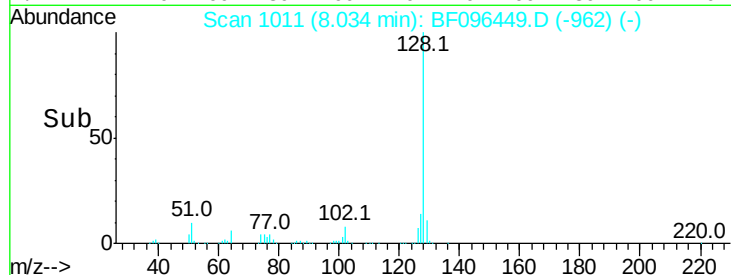
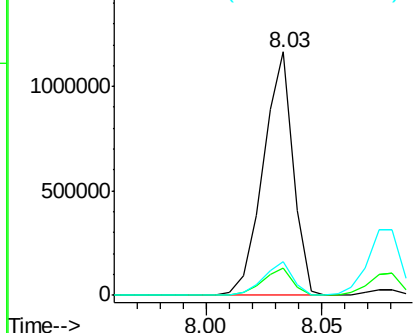
#31
Naphthalene
Concen: 43.37 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1049810
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.7 10.8 16.2

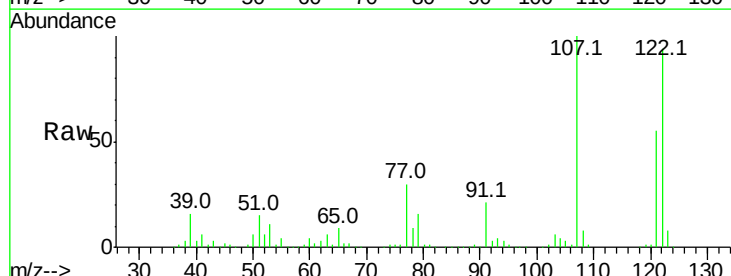


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

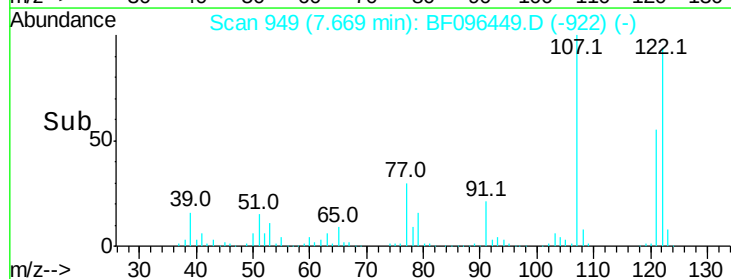
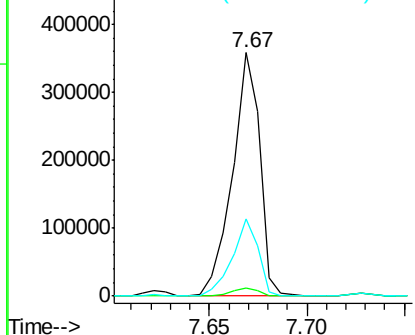


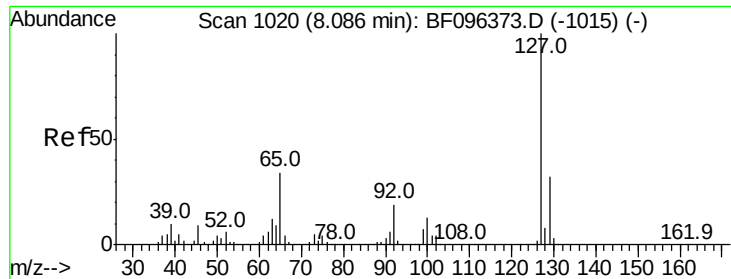
#32
Benzoic acid
Concen: 51.67 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.14 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Tgt Ion:122 Resp: 350100
Ion Ratio Lower Upper
122 100
105 3.4 103.3 143.3#
77 31.5 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

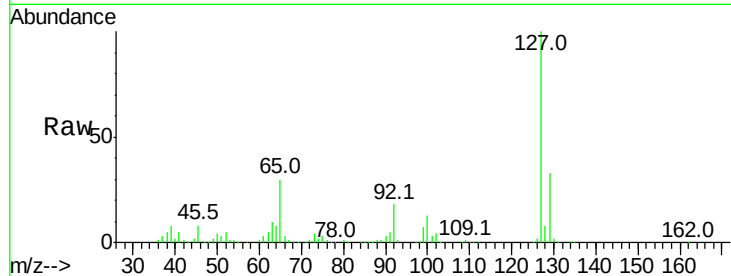




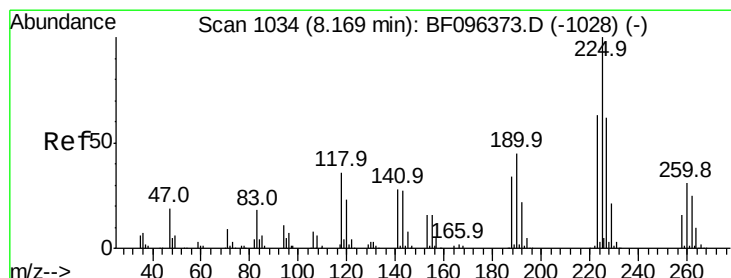
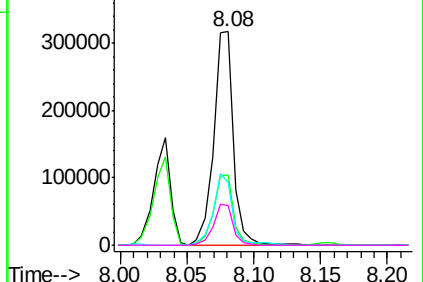
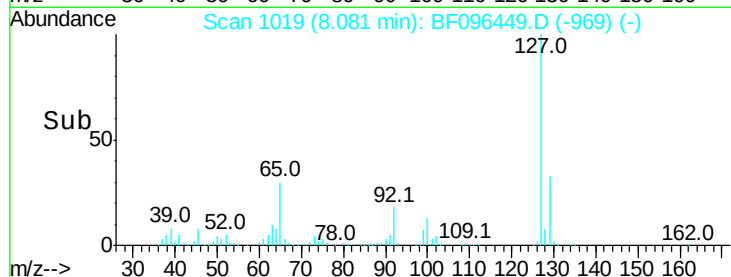
#33
4-Chloroaniline
Concen: 32.93 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	331096
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.2
65	29.5	27.8	41.8
92	18.5	16.8	25.2

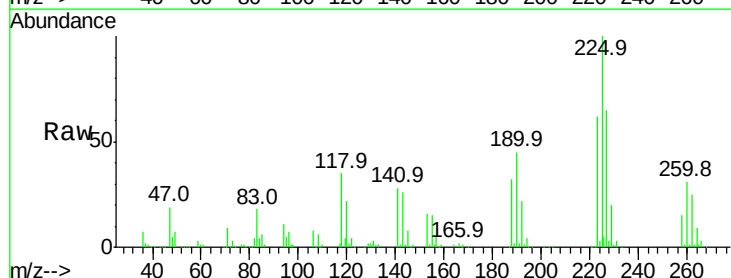


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

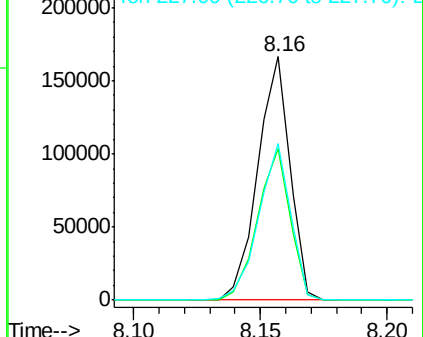
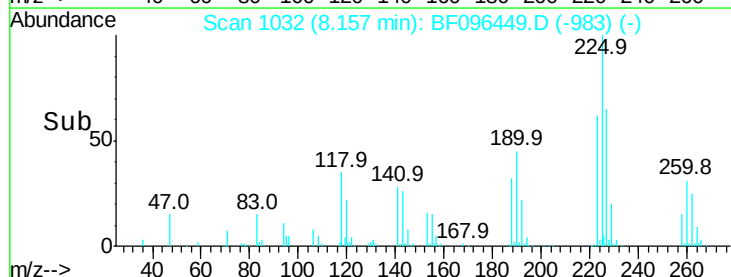


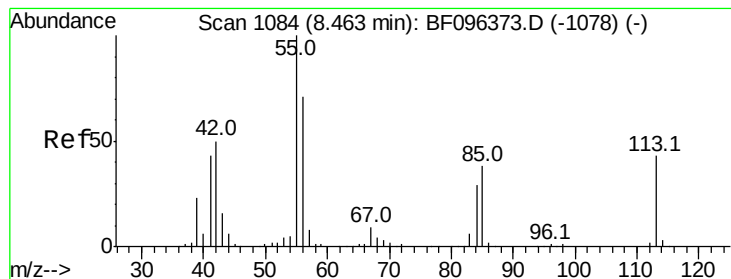
#34
Hexachlorobutadiene
Concen: 43.96 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Tgt Ion:	225	Resp:	148054
Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.8	73.2
227	64.6	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: 36.36 ng

RT: 8.44 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampleId :

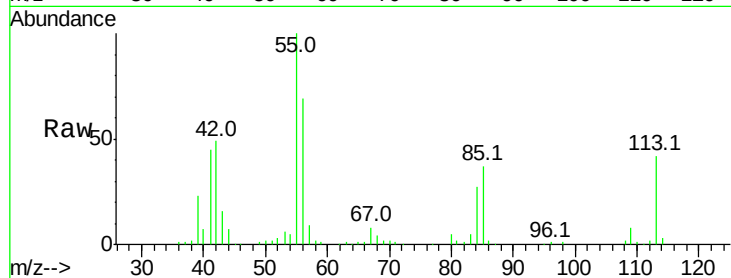
Tot Ion:113 Resp: 87283

Ion Ratio Lower Upper

113 100

55 240.1 150.2 190.2#

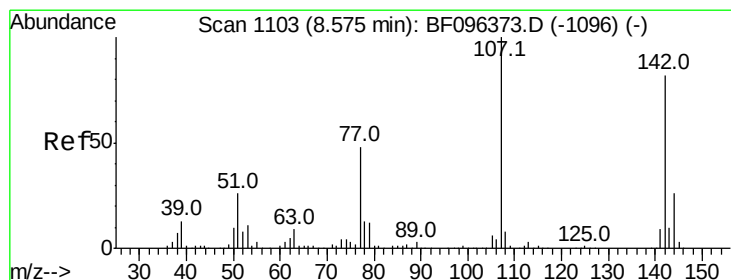
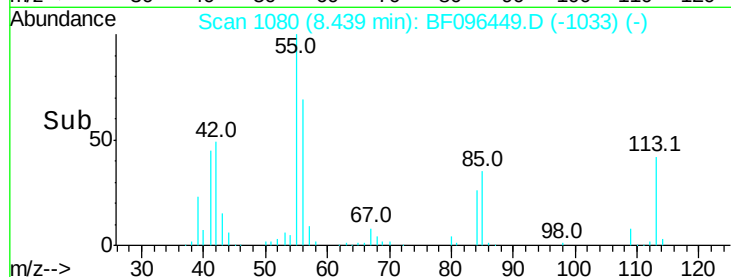
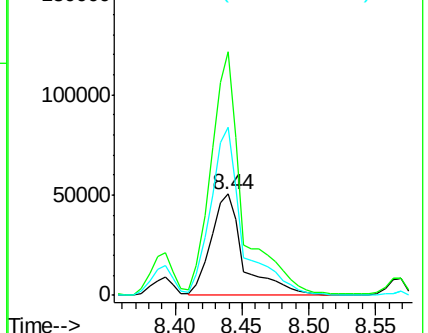
56 166.1 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.58 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

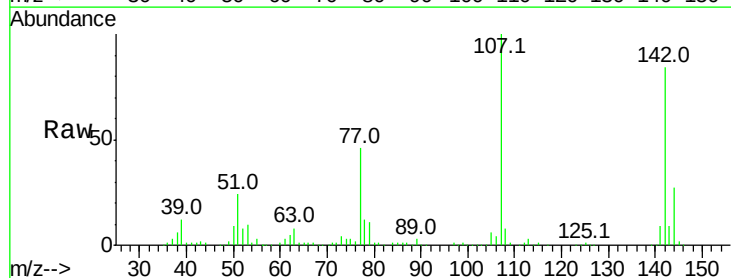
Tgt Ion:107 Resp: 289471

Ion Ratio Lower Upper

107 100

144 26.9 24.2 36.4

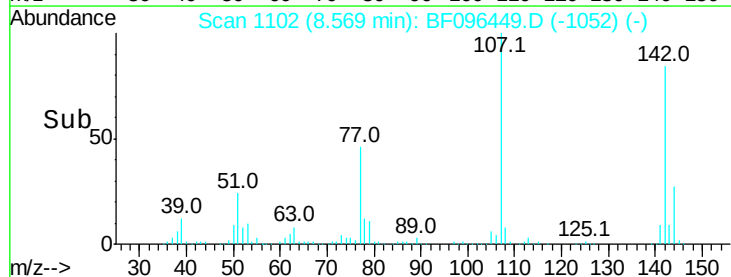
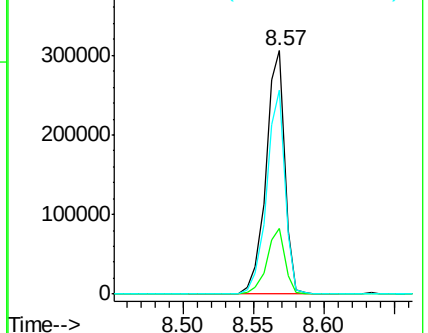
142 83.8 73.4 110.0

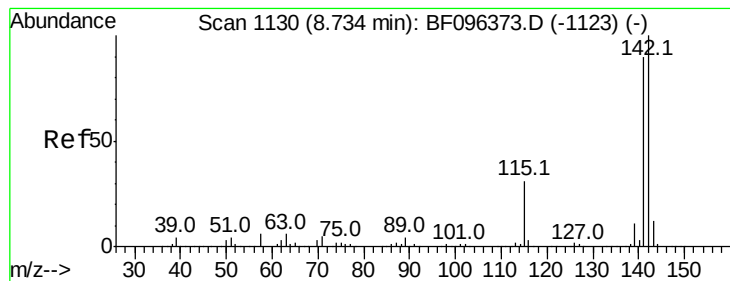


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.18 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampleId :

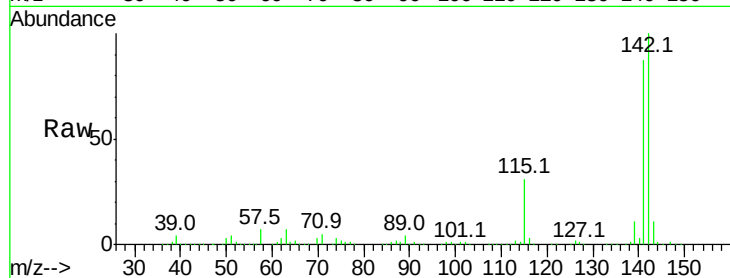
Tot Ion:142 Resp: 665327

Ion Ratio Lower Upper

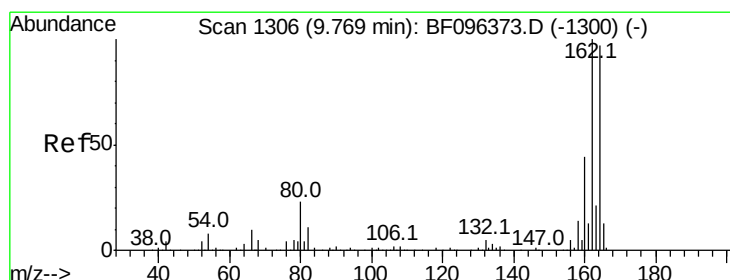
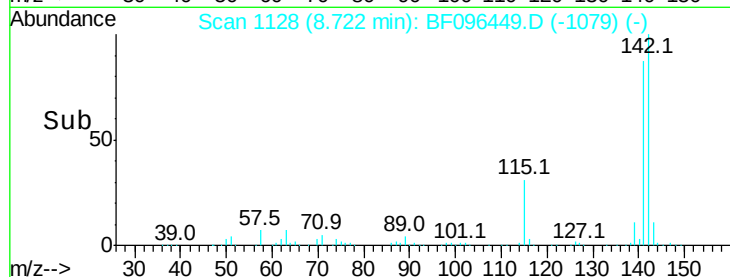
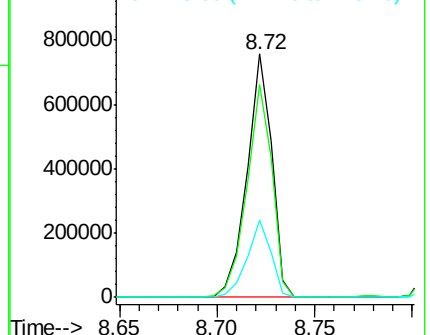
142 100

141 87.3 71.3 106.9

115 31.5 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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

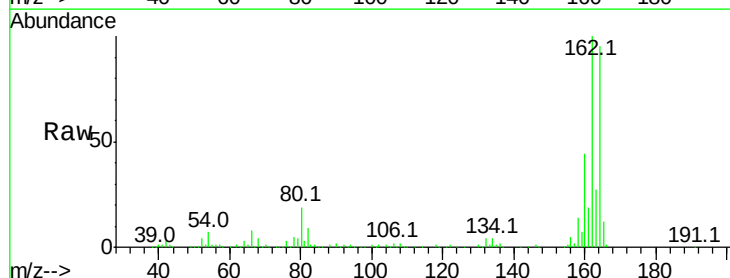
Tgt Ion:164 Resp: 190404

Ion Ratio Lower Upper

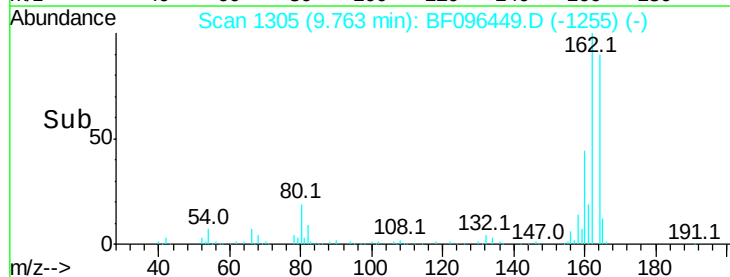
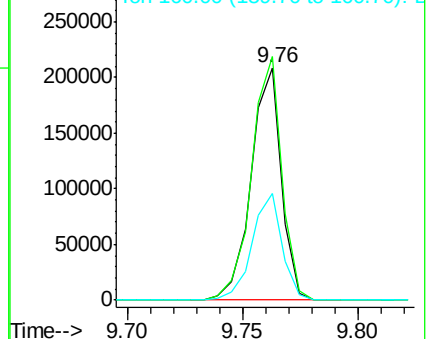
164 100

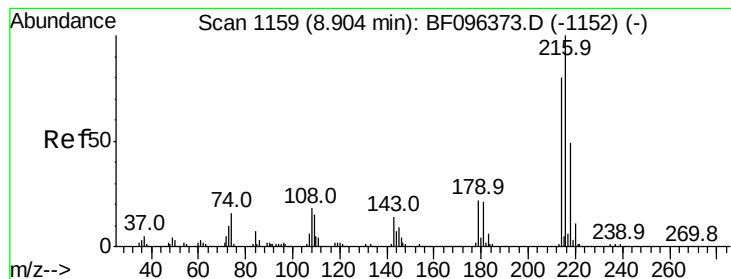
162 104.8 82.6 123.8

160 45.7 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: 46.58 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 230274

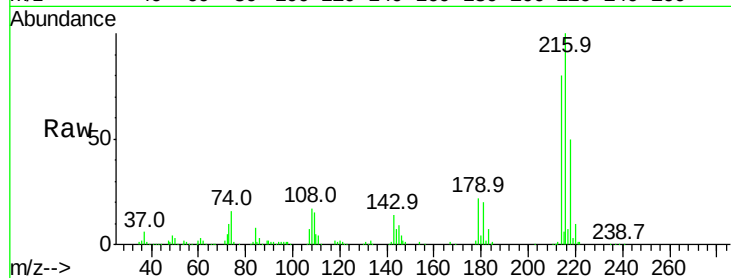
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 22.5 17.9 26.9

108 19.8 16.5 24.7

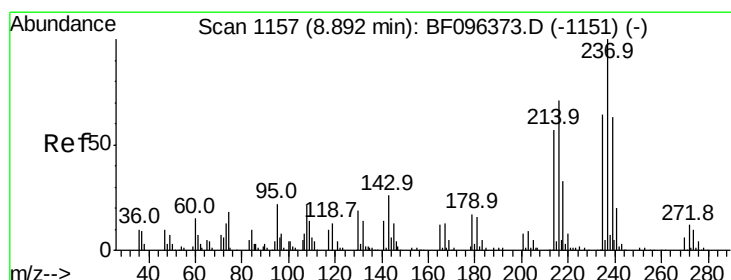
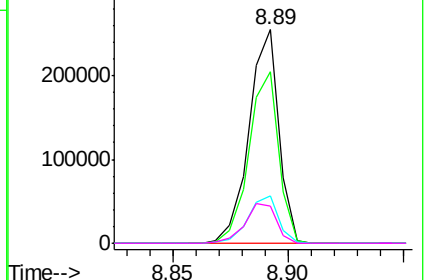
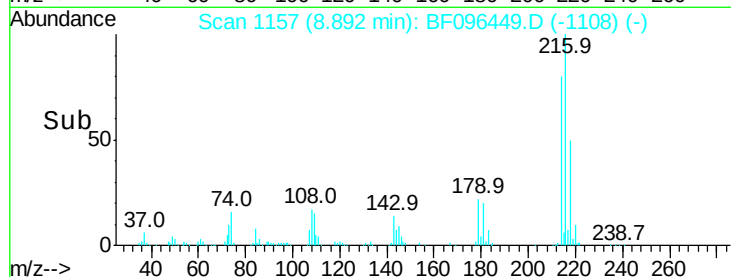


Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.26 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

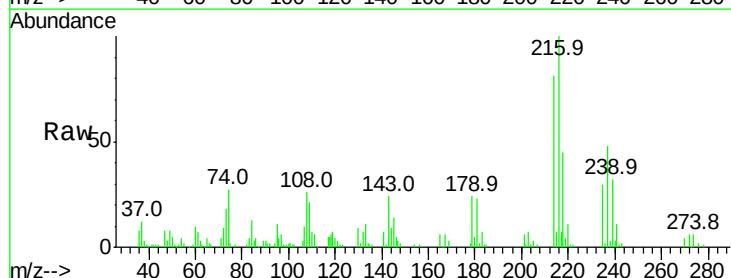
Tgt Ion:237 Resp: 41497

Ion Ratio Lower Upper

237 100

235 61.0 42.6 82.6

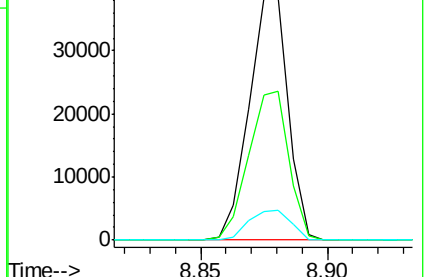
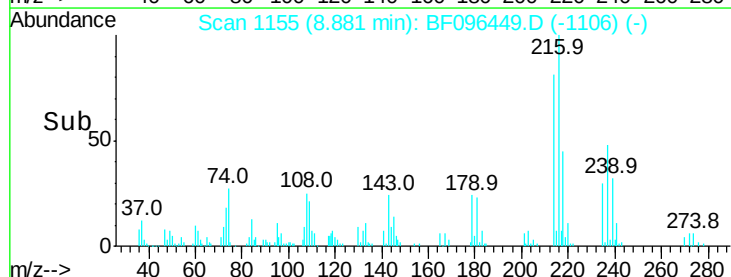
272 12.4 0.0 31.9

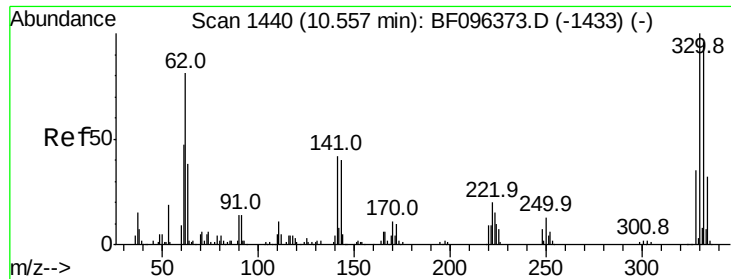


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

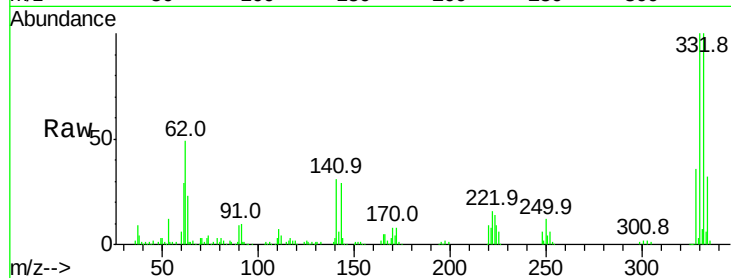




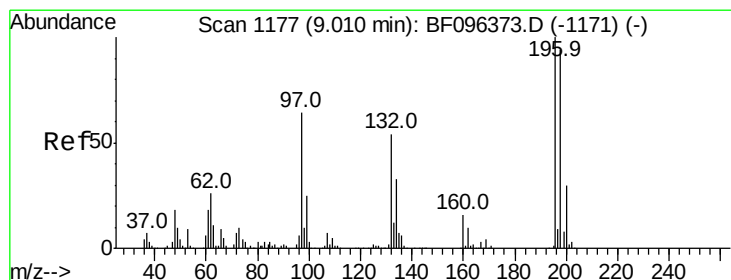
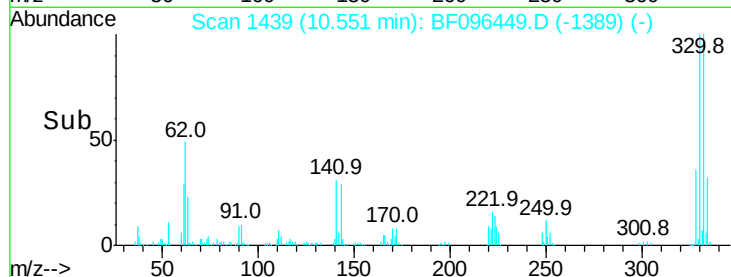
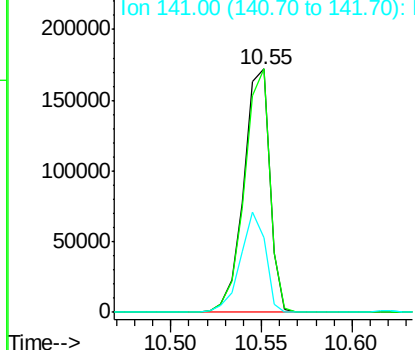
#41
 2,4,6-Tribromophenol
 Concen: 115.89 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 172361
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 39.5 31.4 47.2

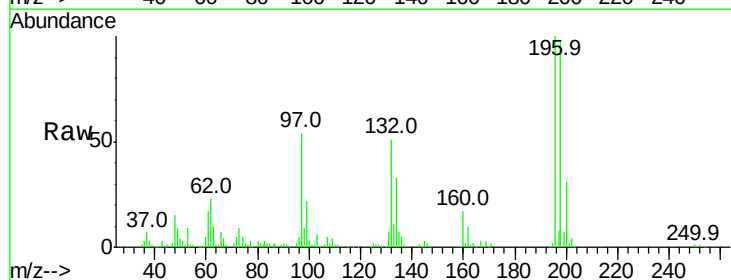


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

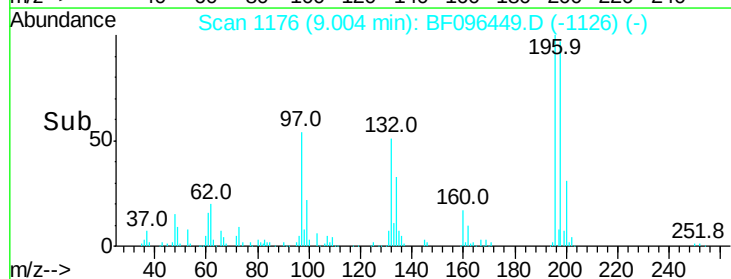
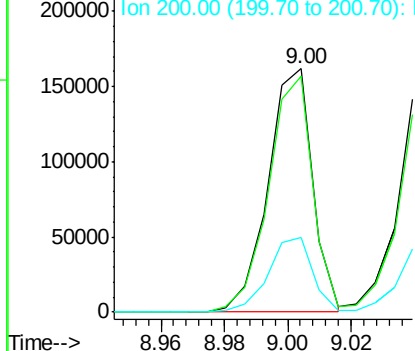


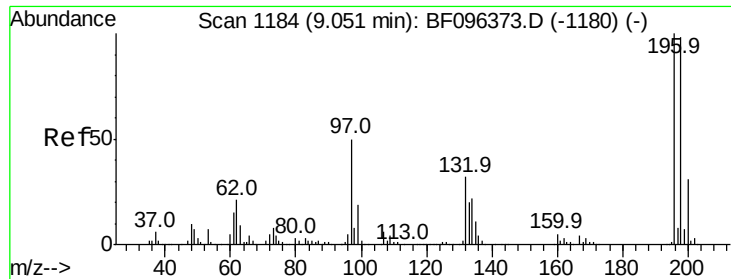
#42
 2,4,6-Trichlorophenol
 Concen: 40.59 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Tgt Ion:196 Resp: 158760
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.2 111.4
 200 30.9 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

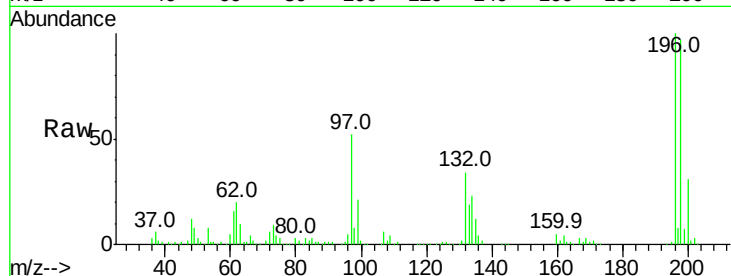




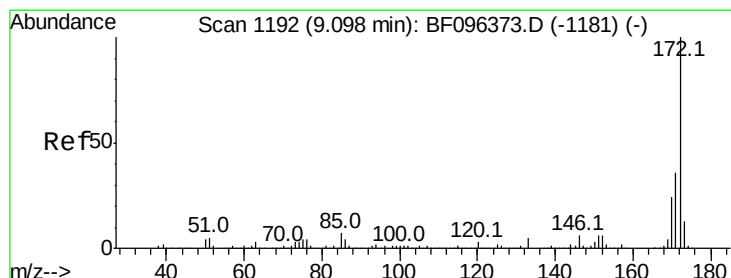
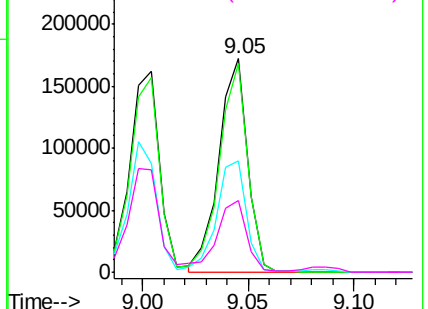
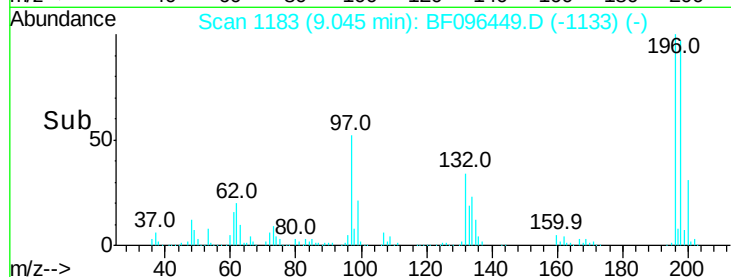
#43
 2,4,5-Trichlorophenol
 Concen: 41.92 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 162111
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.7 113.5
 97 52.0 47.7 71.5
 132 33.8 28.0 42.0

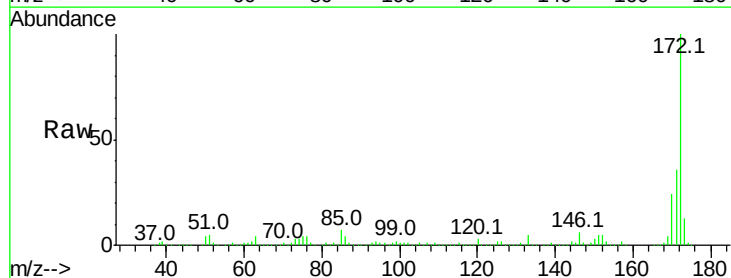


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

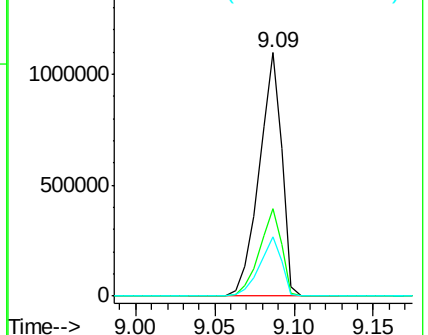
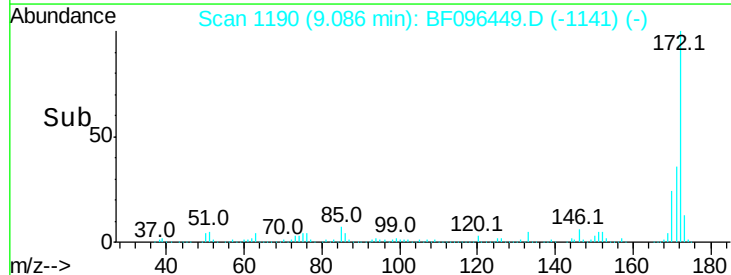


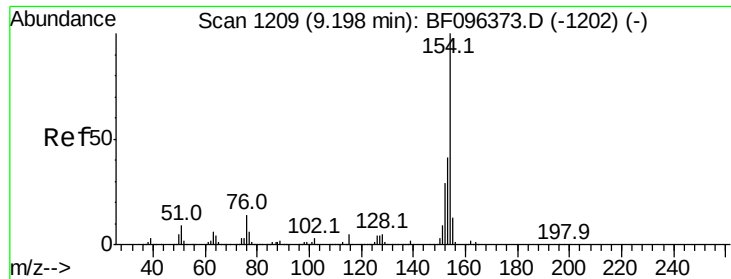
#44
 2-Fluorobiphenyl
 Concen: 98.02 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Tgt Ion:172 Resp: 1091517
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.4 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 44.90 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampleId :

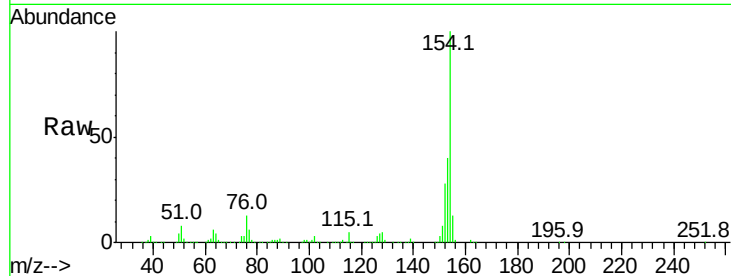
Tot Ion:154 Resp: 732519

Ion Ratio Lower Upper

154 100

153 40.2 21.2 61.2

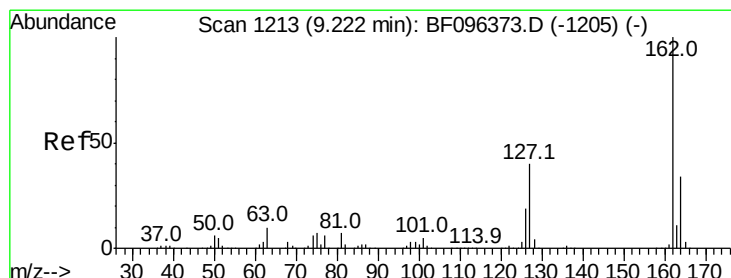
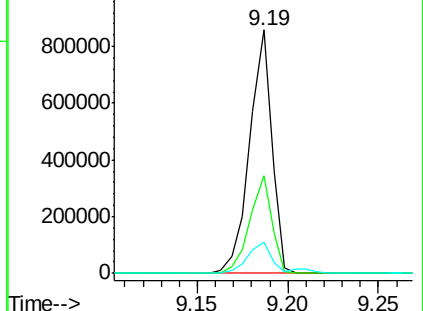
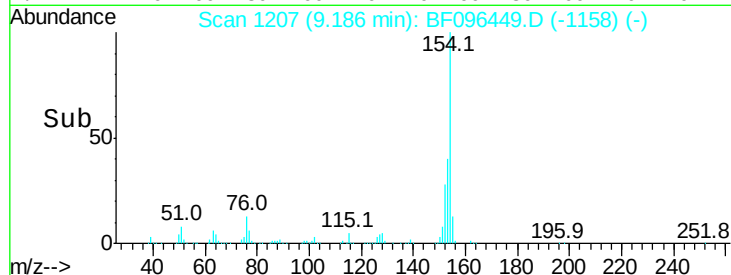
76 12.7 0.0 29.9



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: 44.82 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

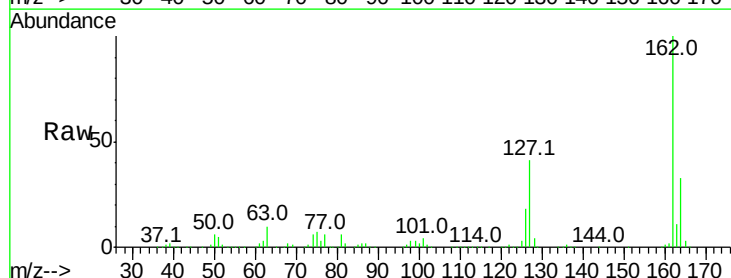
Tgt Ion:162 Resp: 544894

Ion Ratio Lower Upper

162 100

127 40.6 28.3 42.5

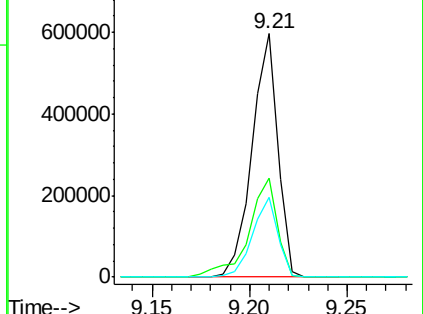
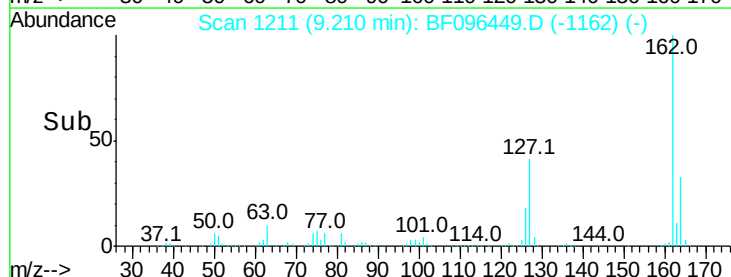
164 32.6 27.0 40.4

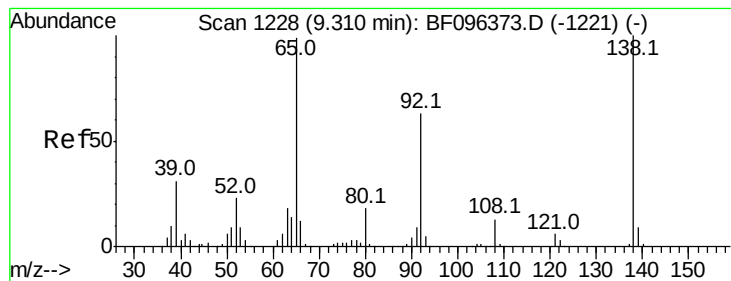


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.59 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampleId :

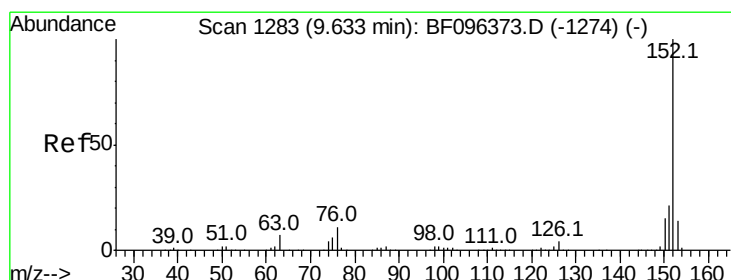
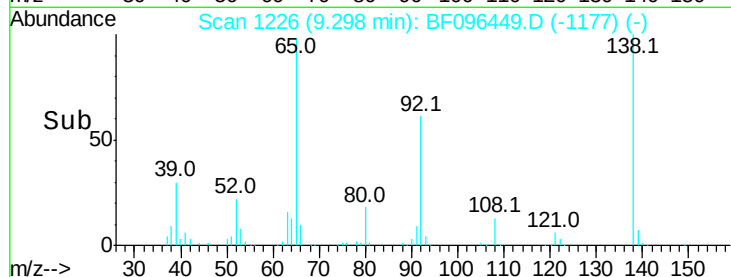
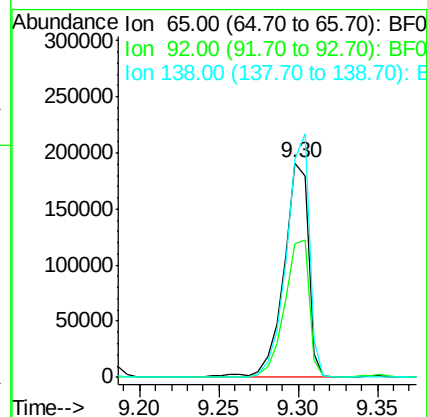
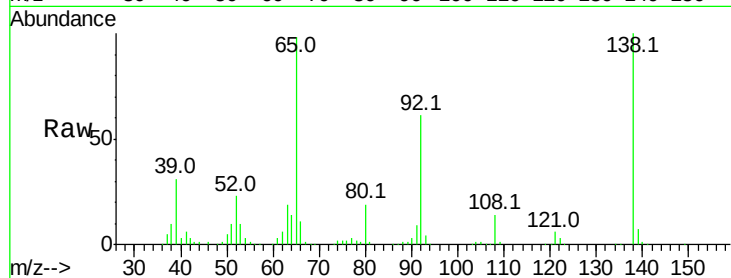
Tot Ion: 65 Resp: 206096

Ion Ratio Lower Upper

65 100

92 62.1 53.9 80.9

138 101.5 78.8 118.2



#48

Acenaphthylene

Concen: 42.87 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

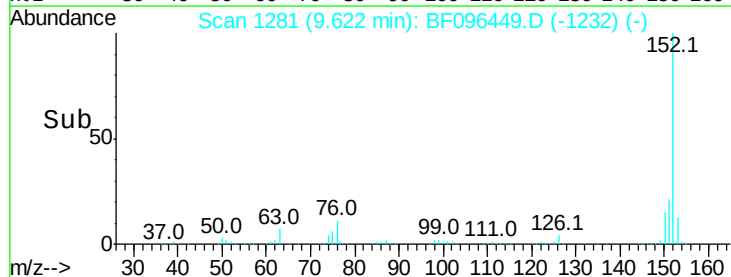
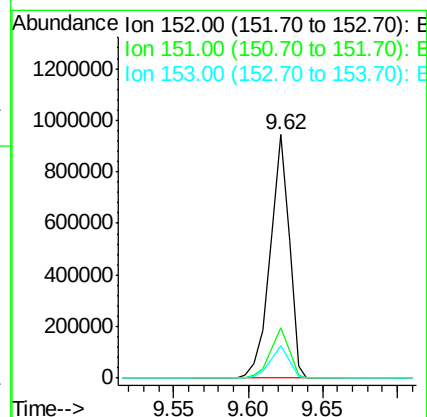
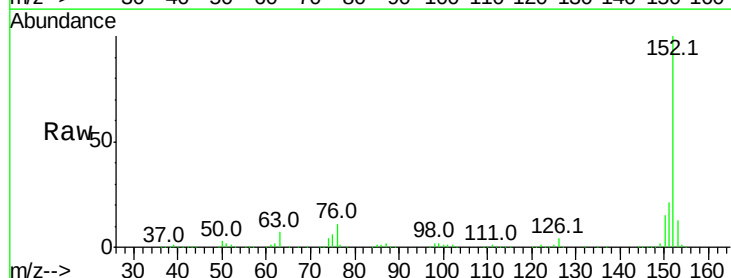
Tgt Ion: 152 Resp: 825906

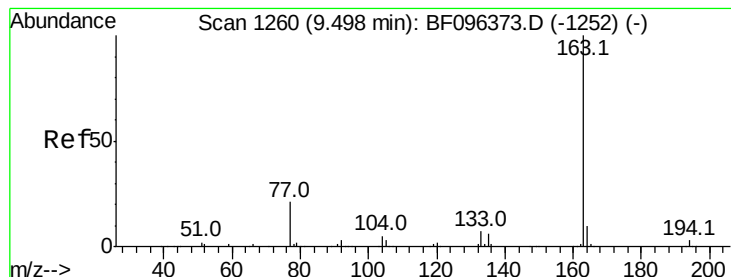
Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 60.89 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampleId :

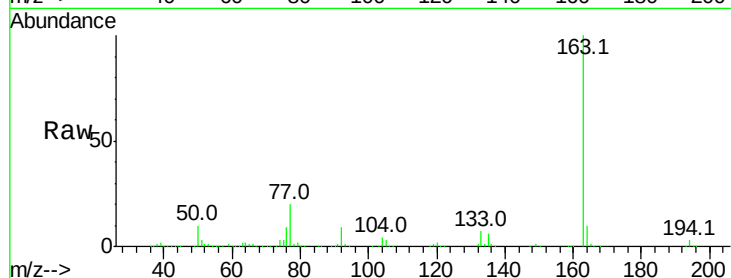
Tot Ion:163 Resp: 865438

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

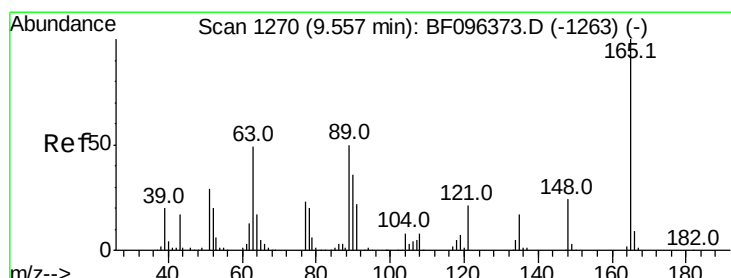
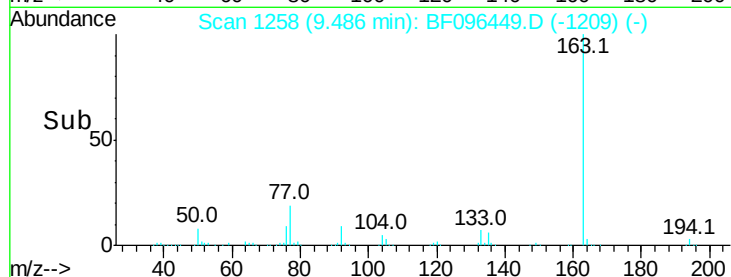
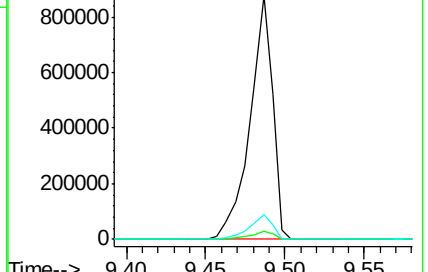
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.00 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

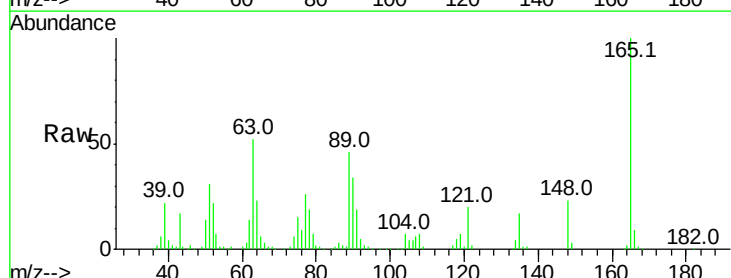
Tgt Ion:165 Resp: 113150

Ion Ratio Lower Upper

165 100

63 52.0 34.3 51.5#

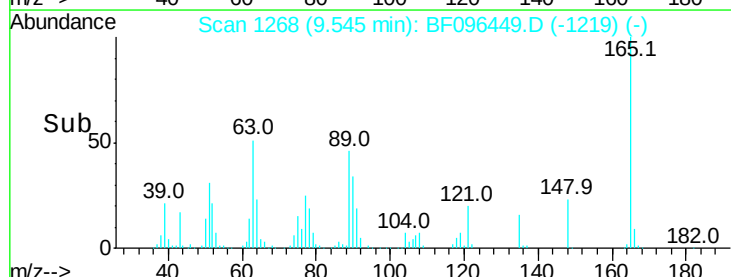
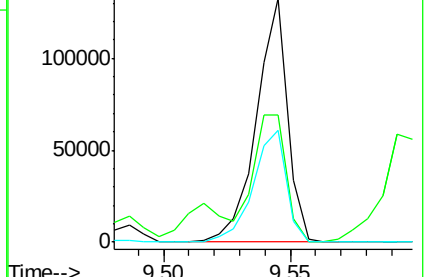
89 46.2 37.1 55.7

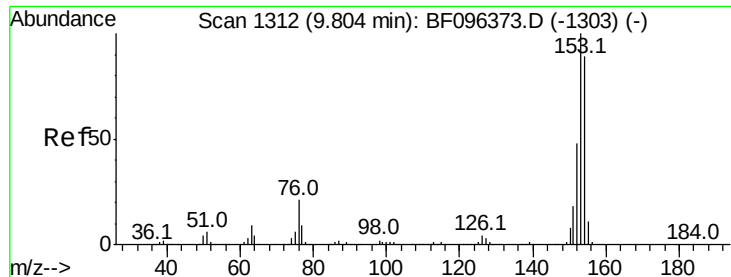


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

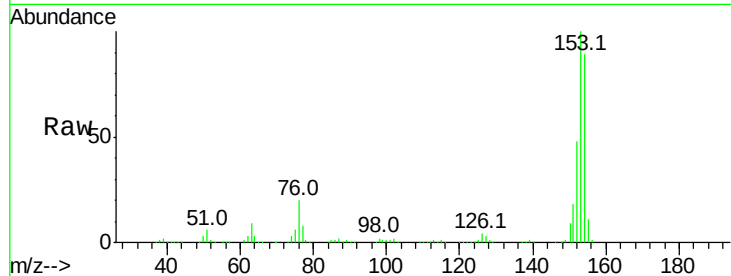




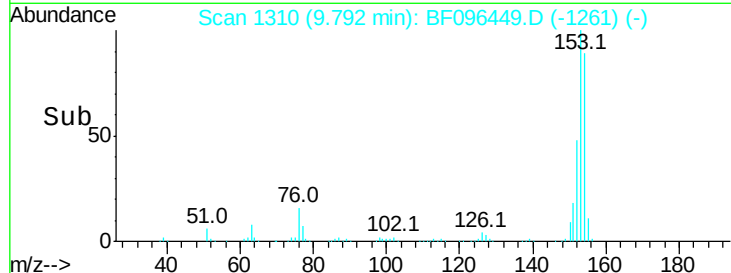
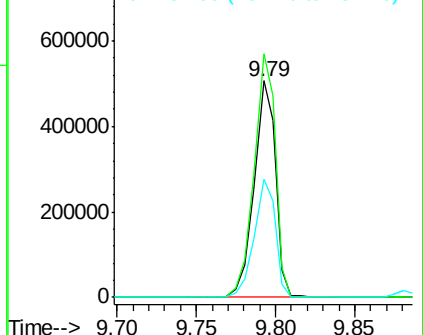
#51
Acenaphthene
Concen: 40.01 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 475058
Ion Ratio Lower Upper
154 100
153 112.5 90.5 135.7
152 54.5 43.6 65.4

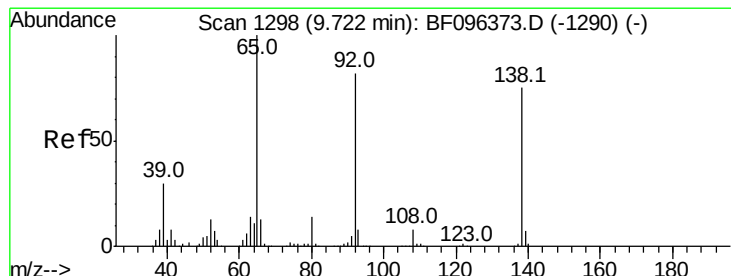


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

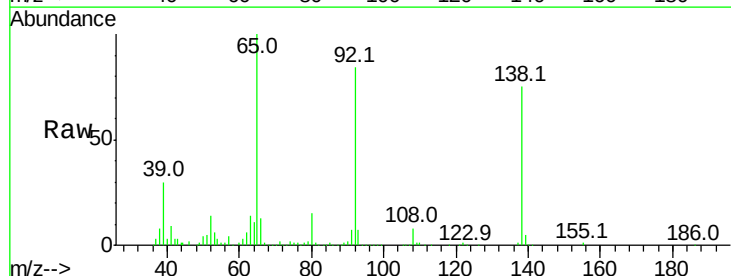
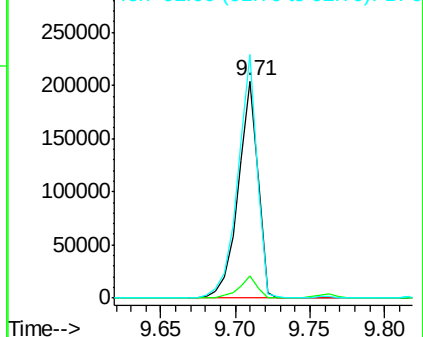


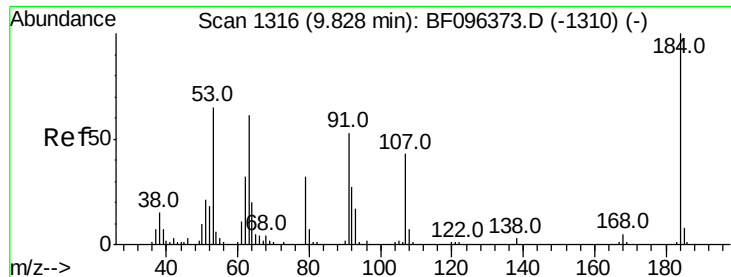
#52
3-Nitroaniline
Concen: 48.11 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Tgt Ion:138 Resp: 188597
Ion Ratio Lower Upper
138 100
108 10.1 9.1 13.7
92 112.1 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

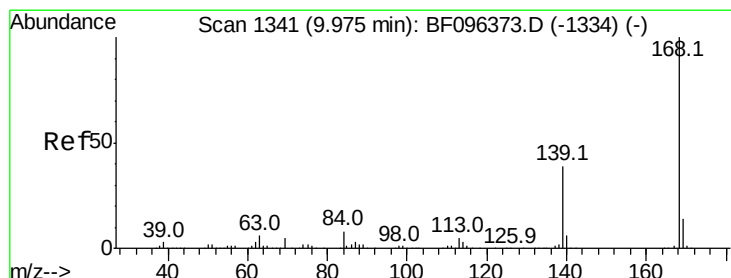
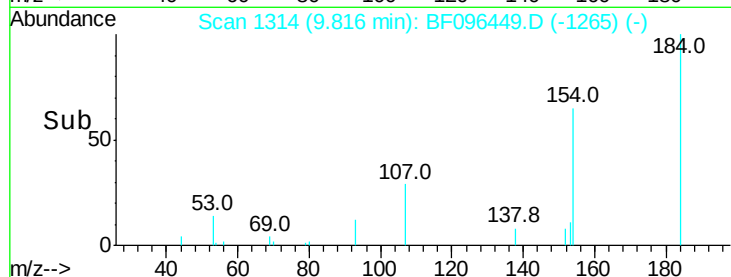
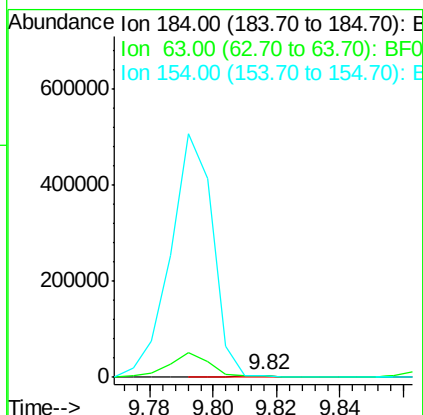
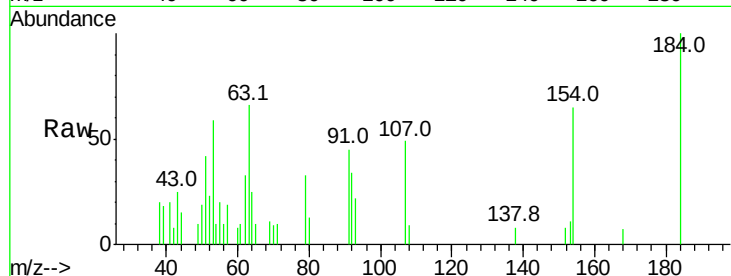




#53
 2,4-Dinitrophenol
 Concen: 2.21 na
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

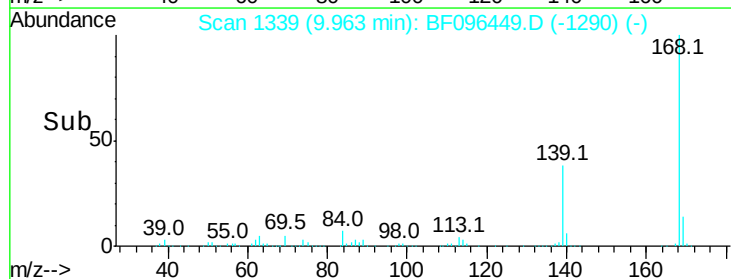
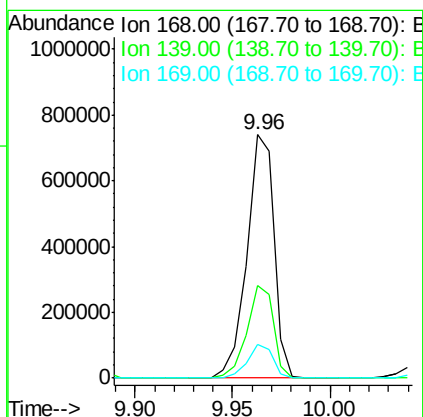
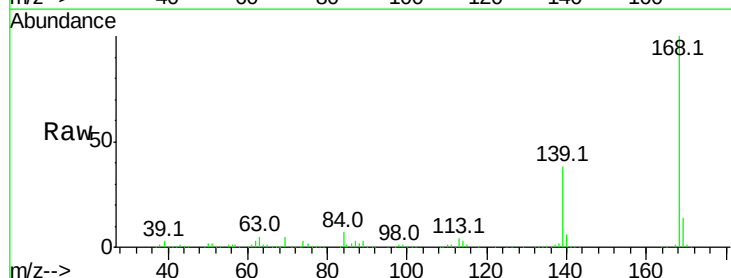
Instrument :
 BNA_F
 ClientSampleId :

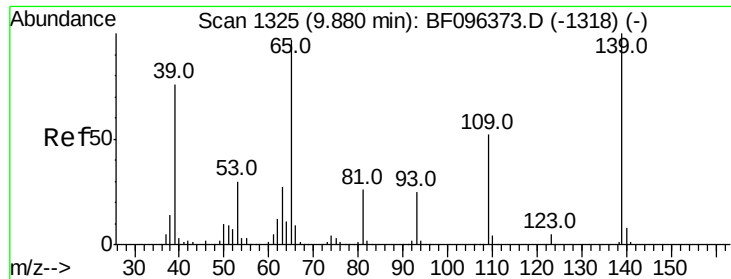
Tot Ion:184 Resp: 3697
 Ion Ratio Lower Upper
 184 100
 63 66.3 62.7 94.1
 154 65.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 45.38 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Tgt Ion:168 Resp: 711552
 Ion Ratio Lower Upper
 168 100
 139 37.9 30.6 45.8
 169 13.6 10.8 16.2

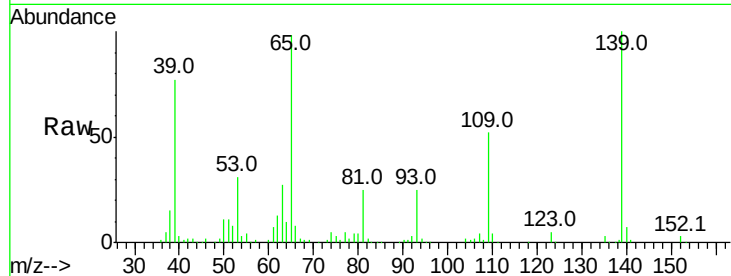




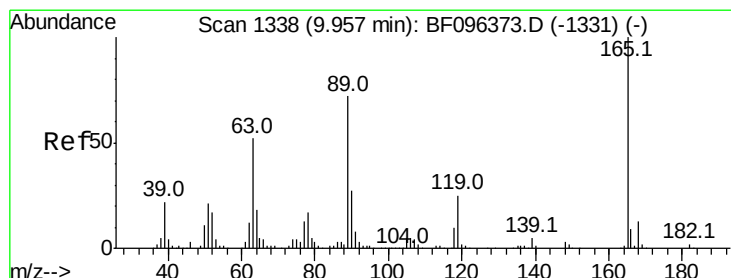
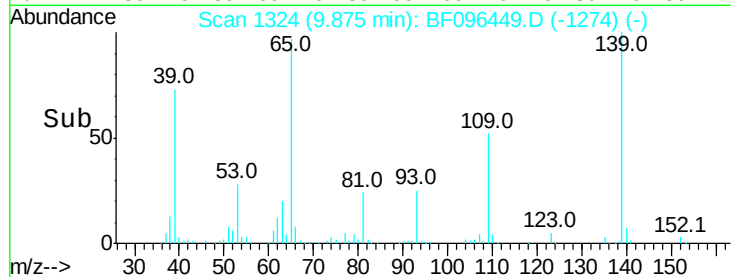
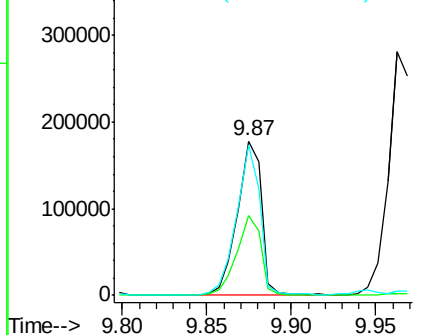
#55
4-Nitrophenol
Concen: 55.04 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 178856
Ion Ratio Lower Upper
139 100
109 51.8 34.1 74.1
65 97.8 31.4 71.4#

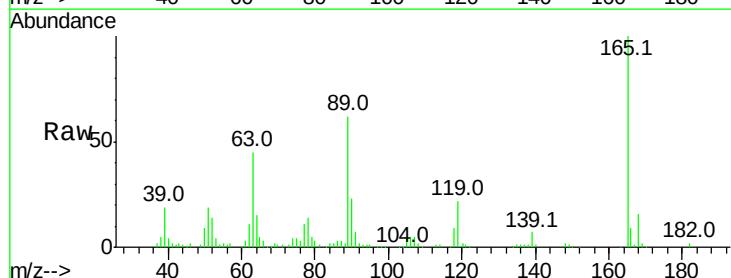


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

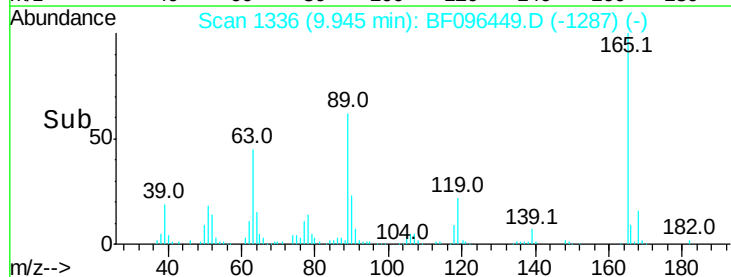
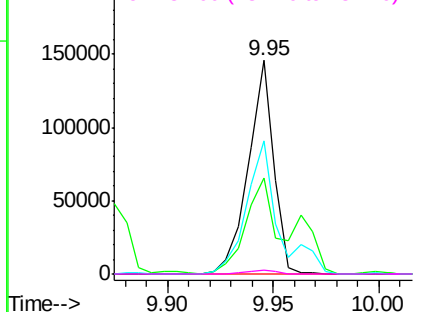


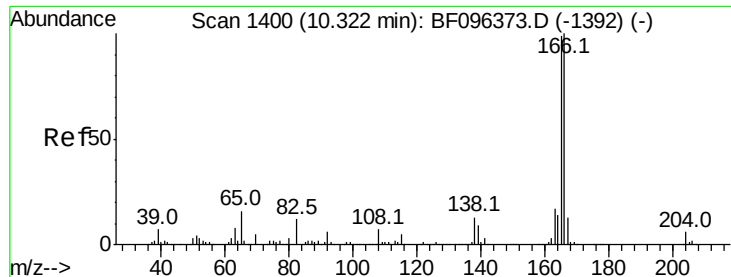
#56
2,4-Dinitrotoluene
Concen: 30.74 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Tgt Ion:165 Resp: 122366
Ion Ratio Lower Upper
165 100
63 44.8 25.4 38.0#
89 62.2 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

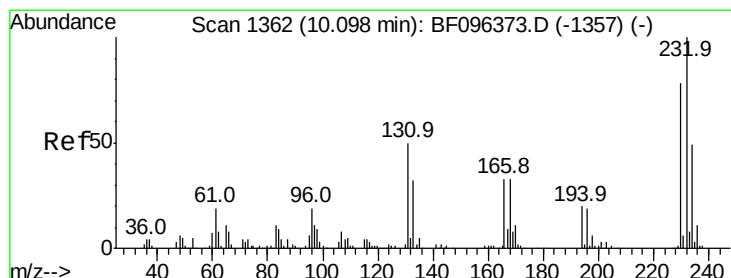
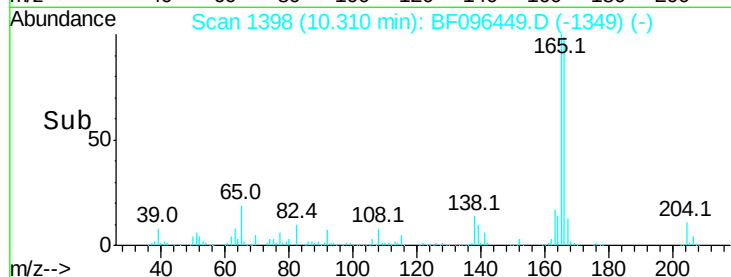
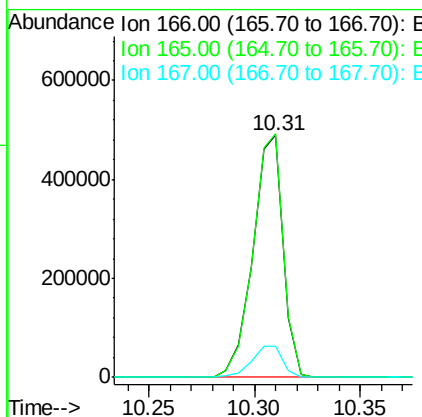
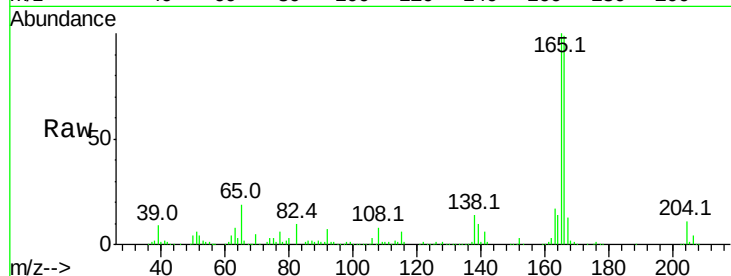




#57
 Fluorene
 Concen: 43.95 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

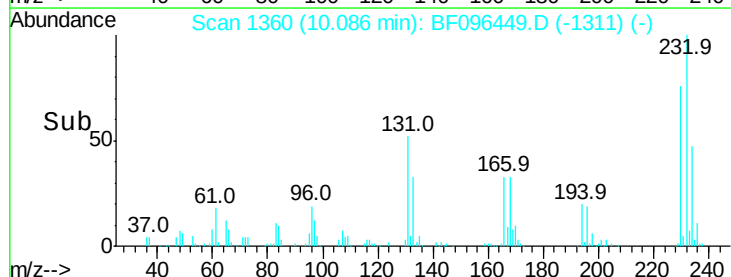
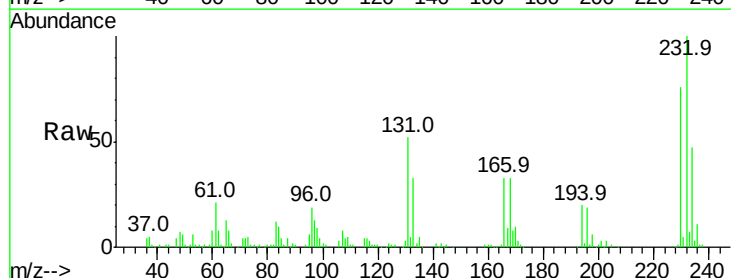
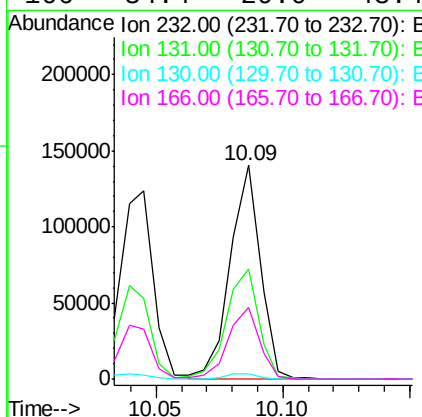
Instrument :
 BNA_F
 ClientSampleId :

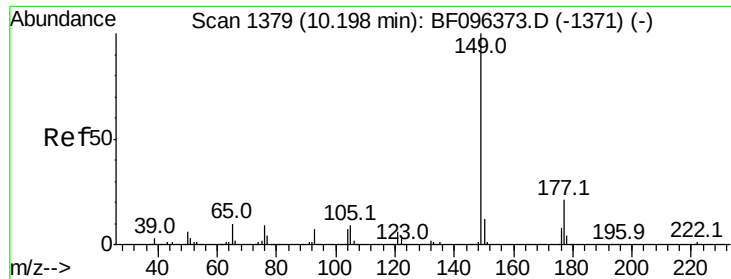
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.8	118.2
167	13.0	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.52 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.2	44.8	67.2
130	2.6	2.3	3.5
166	34.4	29.0	43.4

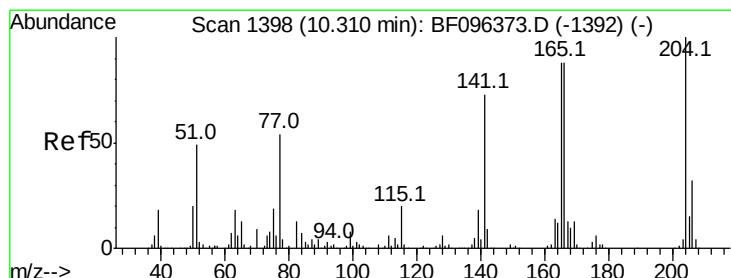
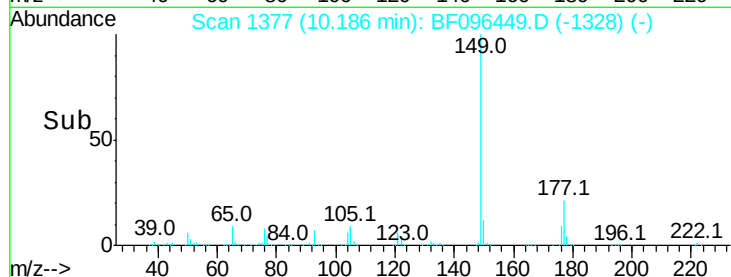
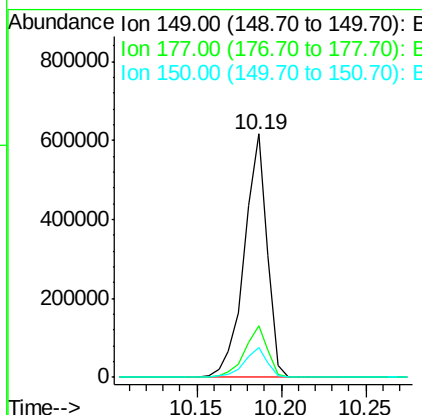
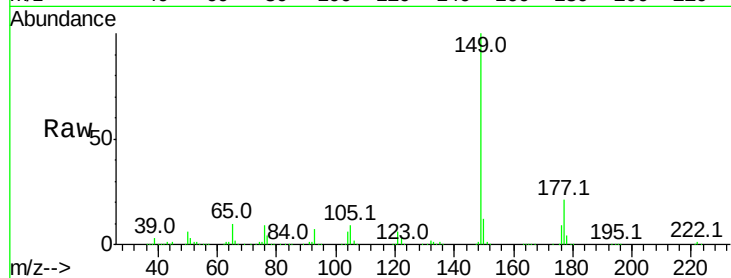




#59
Diethylphthalate
Concen: 43.22 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

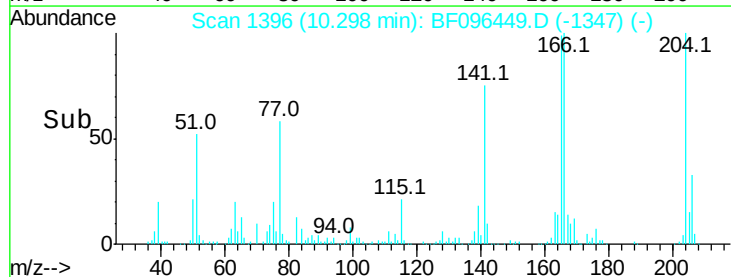
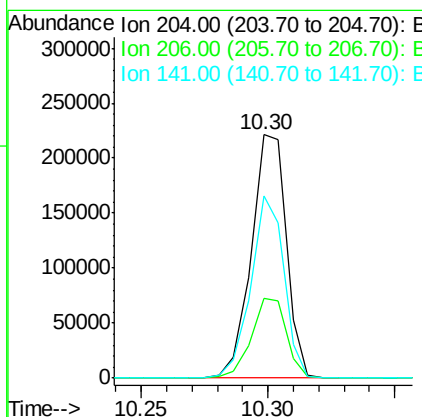
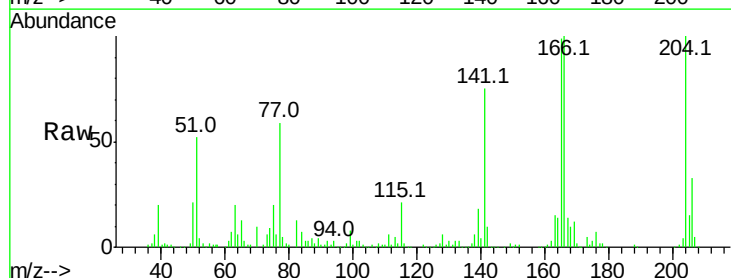
Instrument :
BNA_F
ClientSampled :

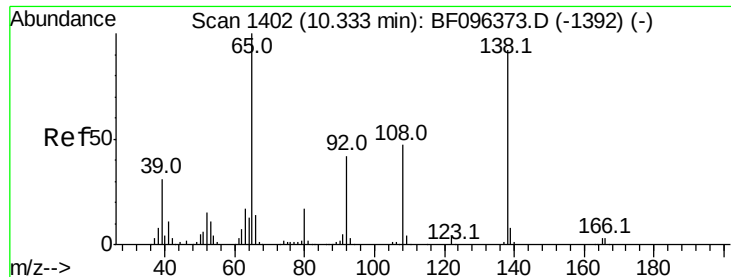
Tot Ion:149 Resp: 580608
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.47 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Tgt Ion:204 Resp: 214248
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 74.6 60.8 91.2

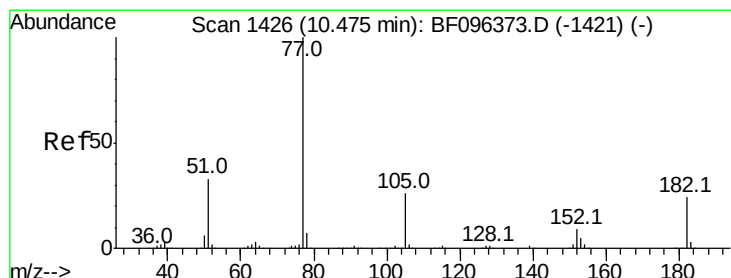
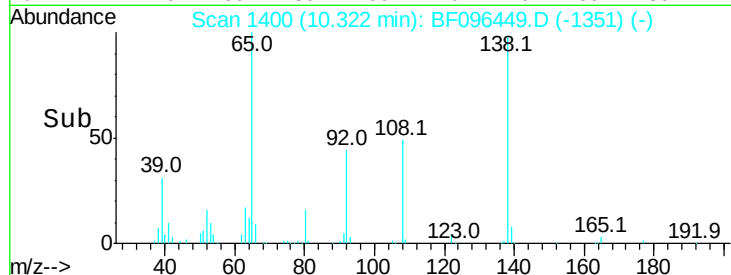
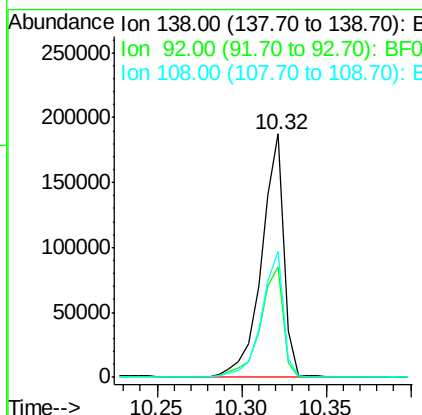
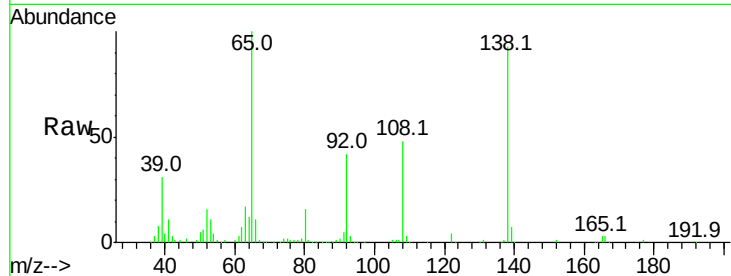




#61
4-Nitroaniline
Concen: 48.07 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

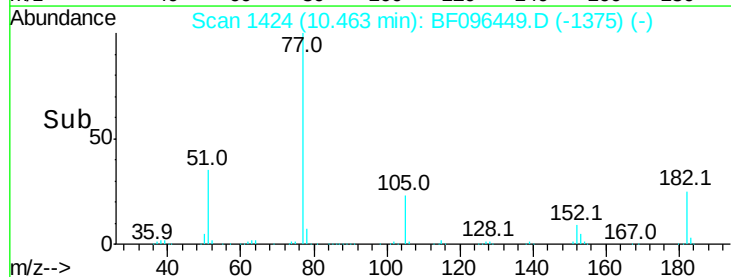
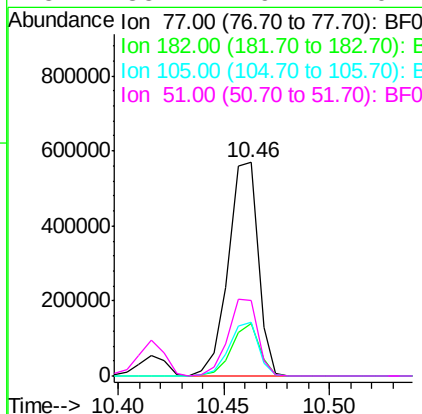
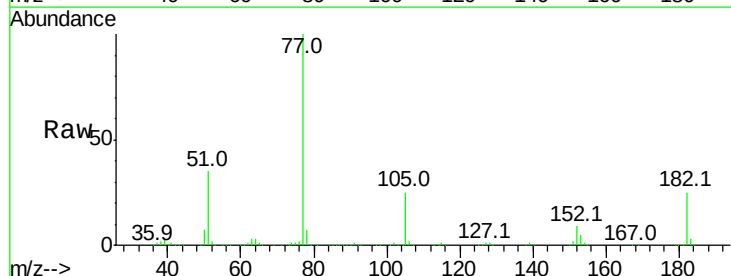
Instrument :
BNA_F
ClientSampled :

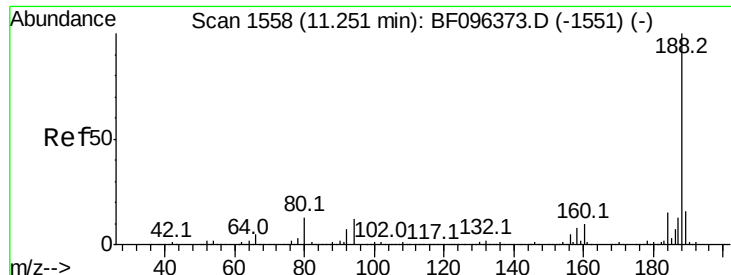
Tot Ion:138 Resp: 171353
Ion Ratio Lower Upper
138 100
92 45.6 21.8 61.8
108 51.5 42.3 82.3



#62
Azobenzene
Concen: 42.83 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Tgt Ion: 77 Resp: 556421
Ion Ratio Lower Upper
77 100
182 24.5 0.1 40.1
105 25.2 3.6 43.6
51 35.4 9.4 49.4

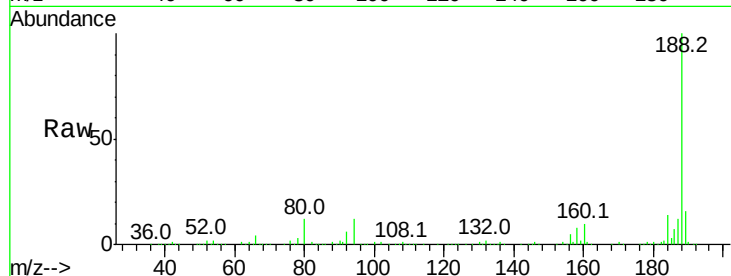




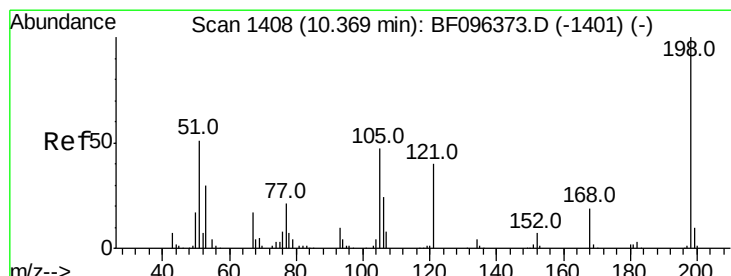
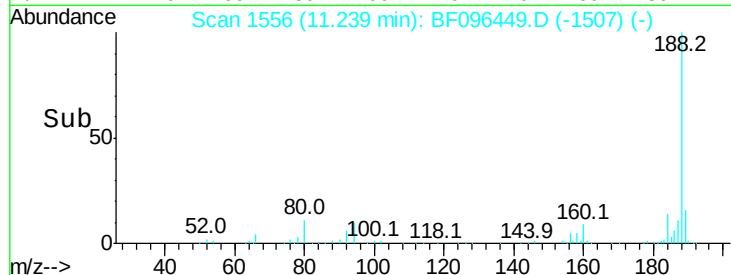
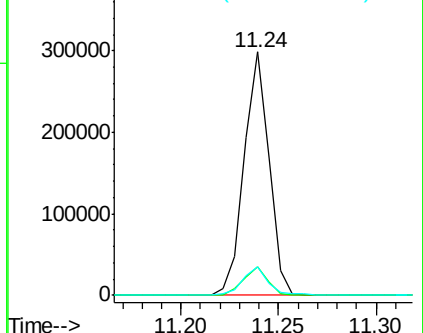
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 264625
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 11.5 10.2 15.2

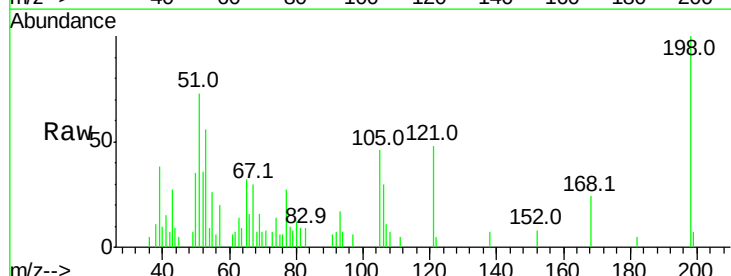


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

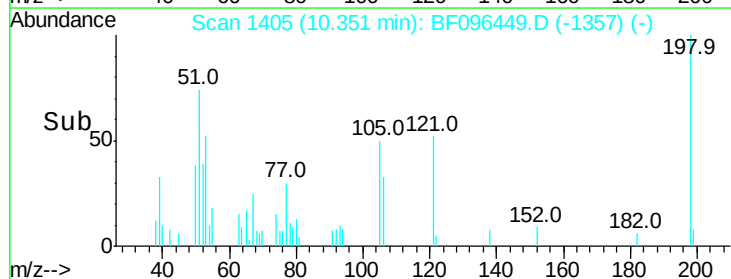
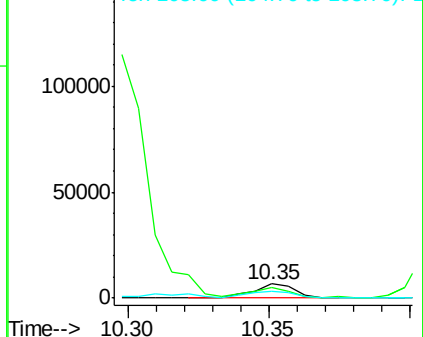


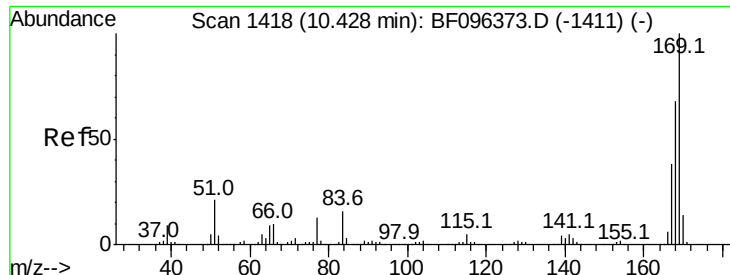
#64
4,6-Dinitro-2-methylphenol
Concen: 3.77 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Tgt Ion:198 Resp: 6878
Ion Ratio Lower Upper
198 100
51 73.1 53.2 93.2
105 46.3 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

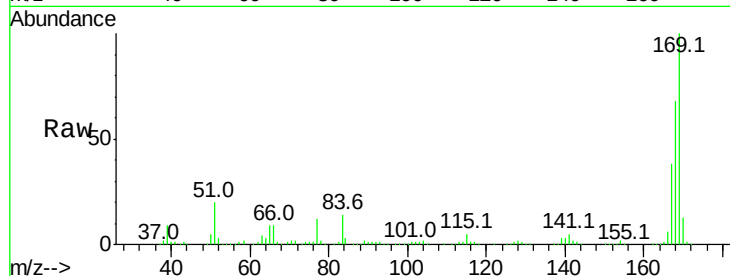




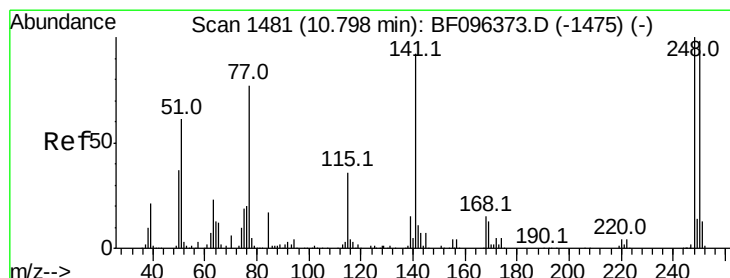
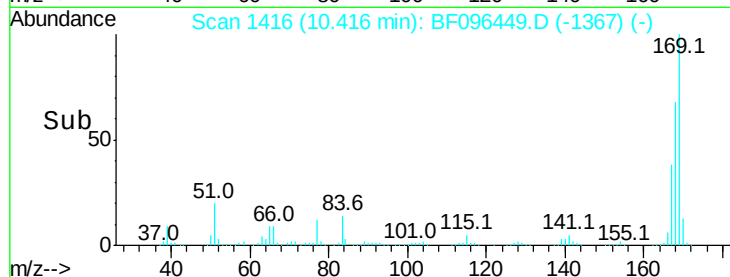
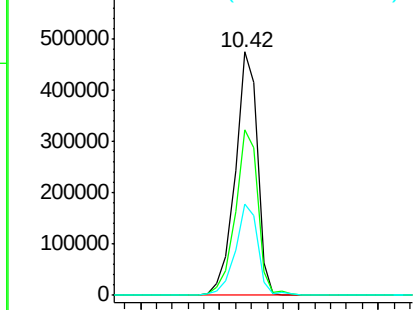
#65
 n-Nitrosodiphenylamine
 Concen: 49.71 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 461576
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.2 79.8
 167 37.7 29.5 44.3

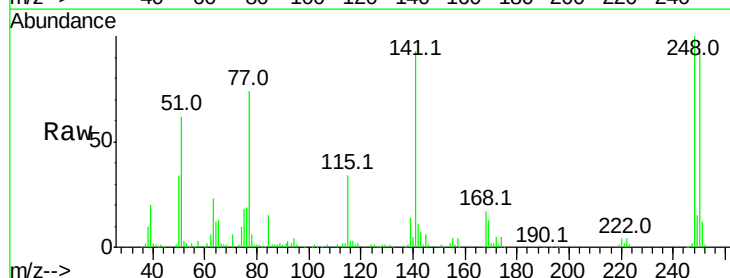


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

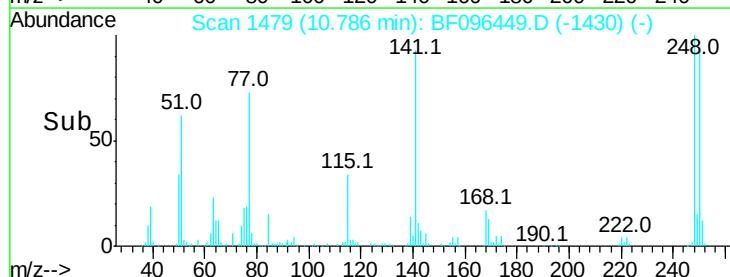
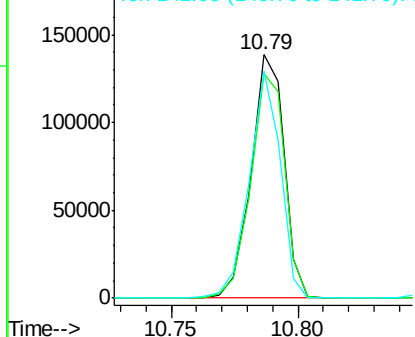


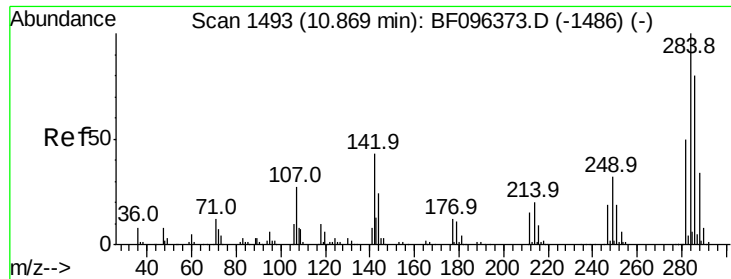
#66
 4-Bromophenyl-phenylether
 Concen: 48.87 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Tgt Ion:248 Resp: 125878
 Ion Ratio Lower Upper
 248 100
 250 92.3 76.8 115.2
 141 93.4 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 46.44 ng

RT: 10.86 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampled :

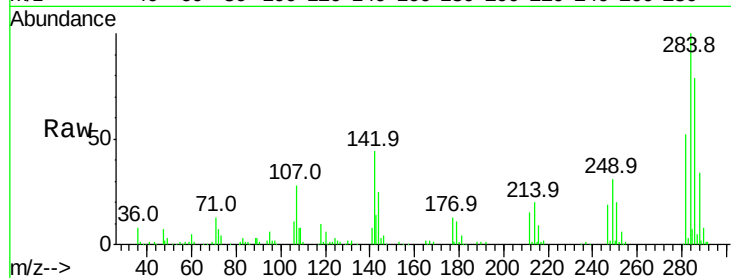
Tot Ion:284 Resp: 130971

Ion Ratio Lower Upper

284 100

142 44.5 22.8 34.2#

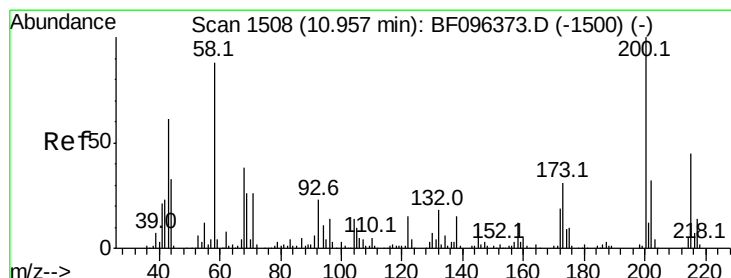
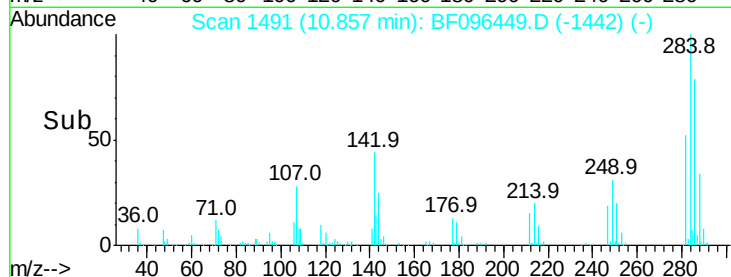
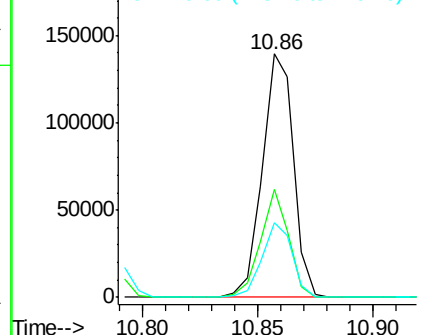
249 30.6 24.0 36.0



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: 45.38 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

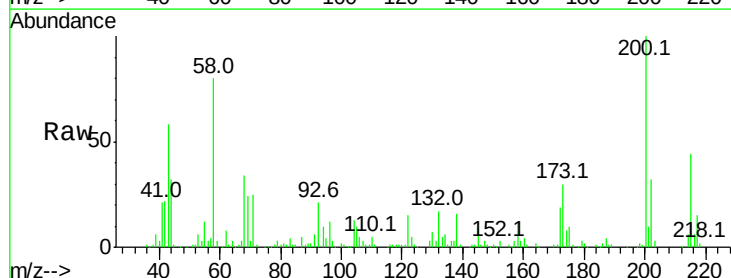
Tgt Ion:200 Resp: 120386

Ion Ratio Lower Upper

200 100

173 30.1 6.3 46.3

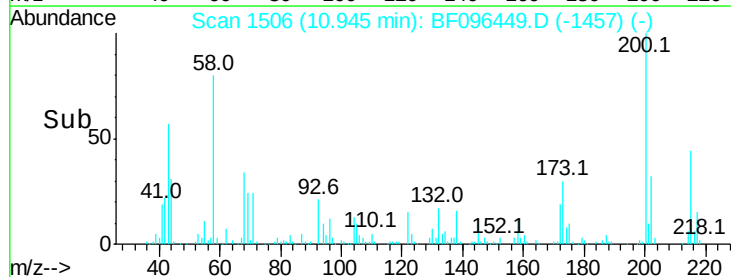
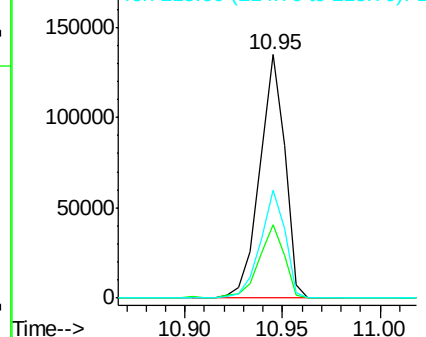
215 44.3 27.2 67.2

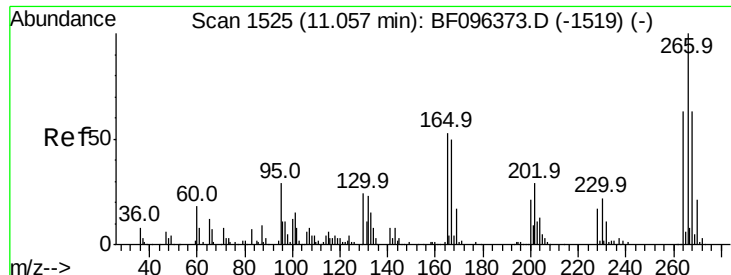


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

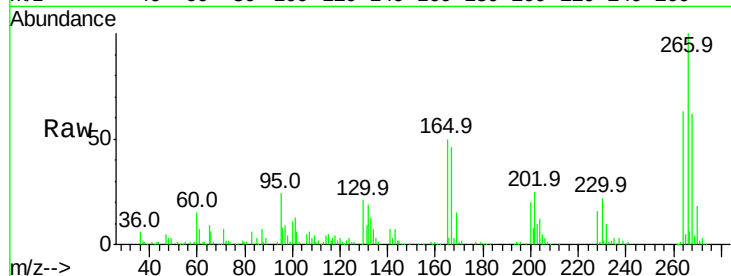




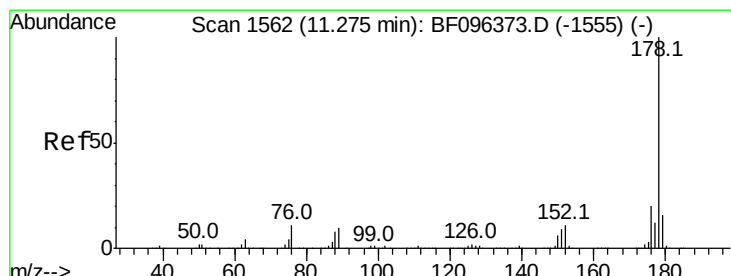
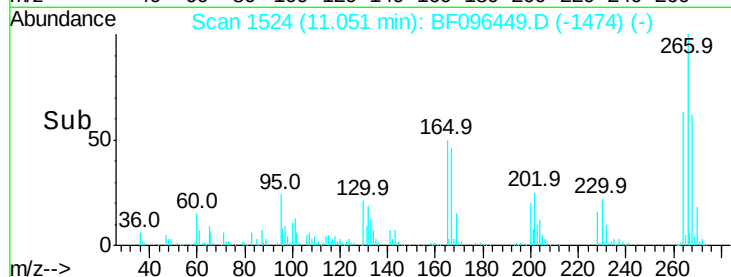
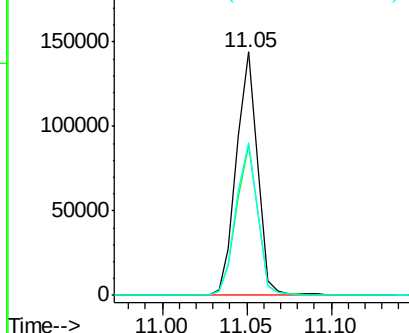
#69
 Pentachlorophenol
 Concen: 75.18 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 125644
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.1 76.7
 264 62.8 51.7 77.5

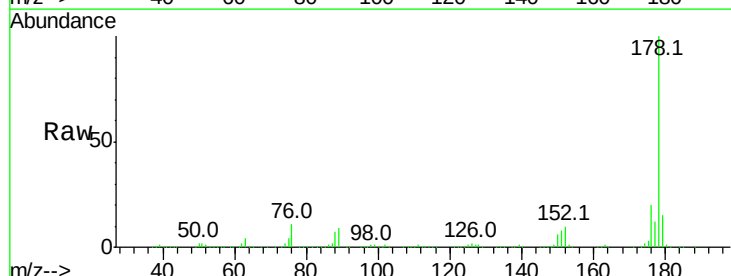


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

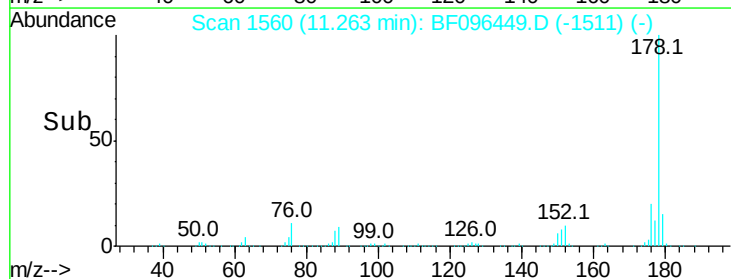
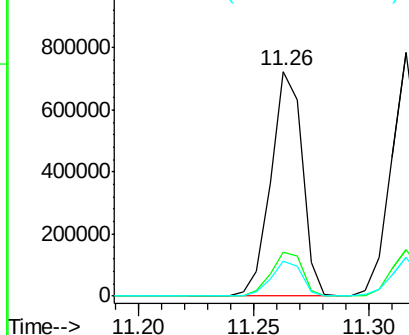


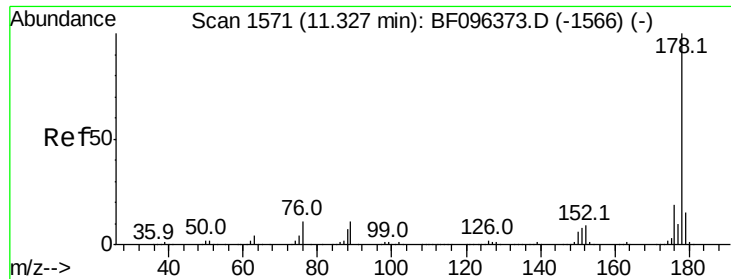
#70
 Phenanthrene
 Concen: 47.75 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Tgt Ion:178 Resp: 683015
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.4 12.6 19.0



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

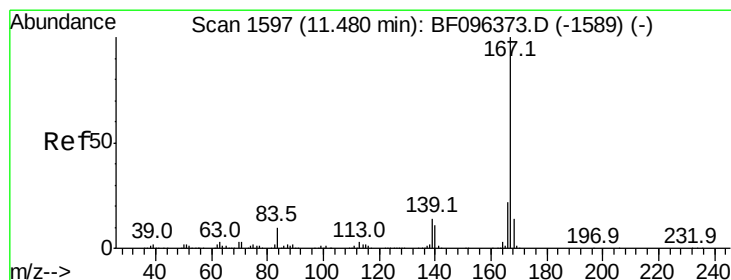
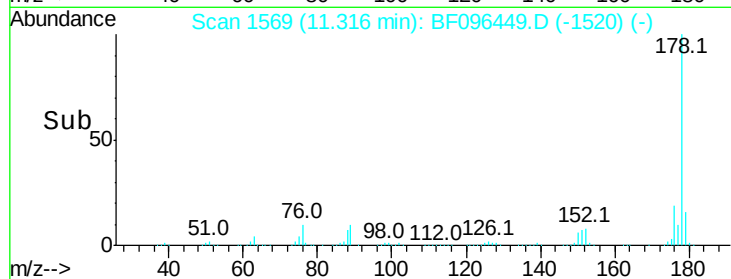
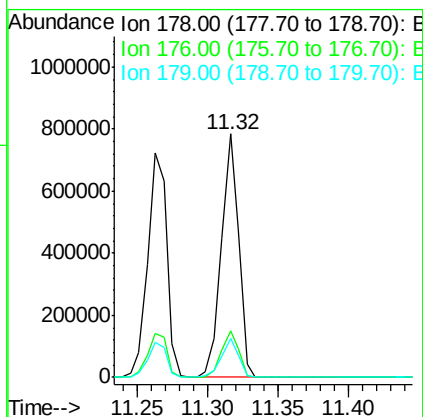
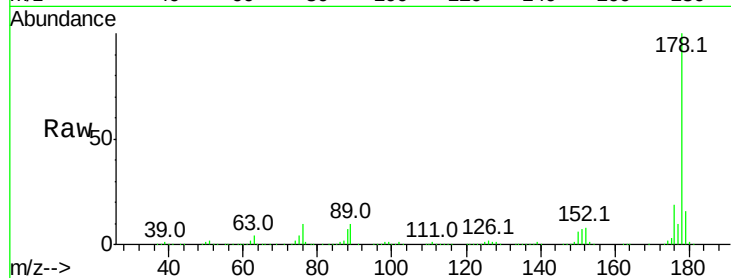




#71
 Anthracene
 Concen: 46.01 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

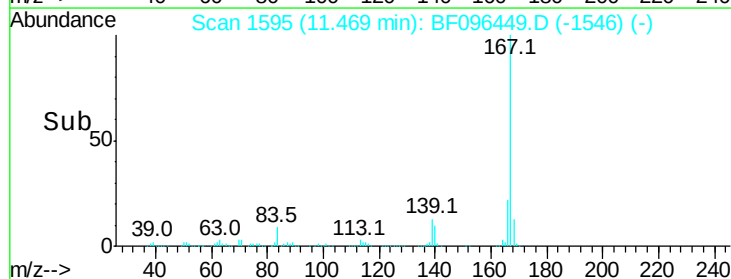
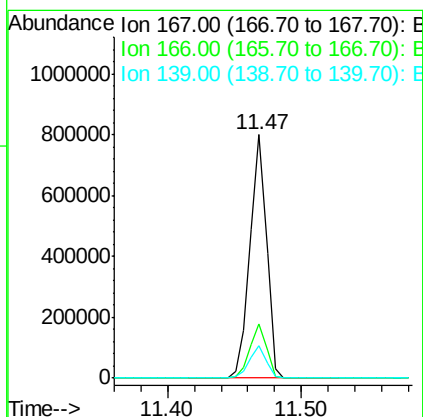
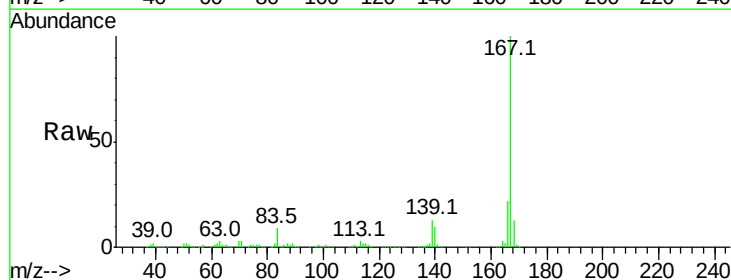
Instrument :
 BNA_F
 ClientSampleId :

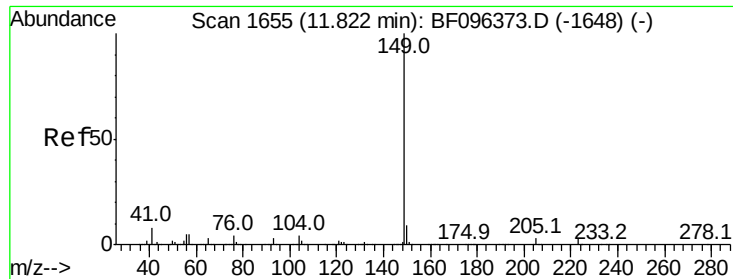
Tot Ion:178 Resp: 670758
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 46.23 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Tgt Ion:167 Resp: 677739
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.4 11.7 17.5

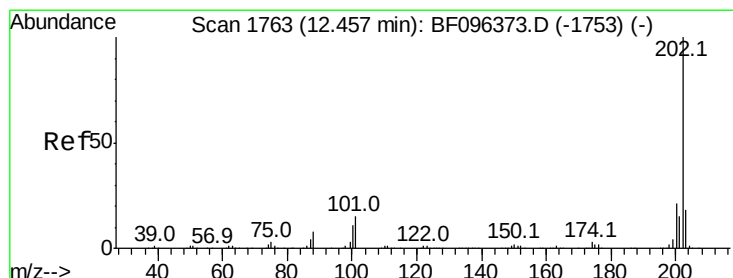
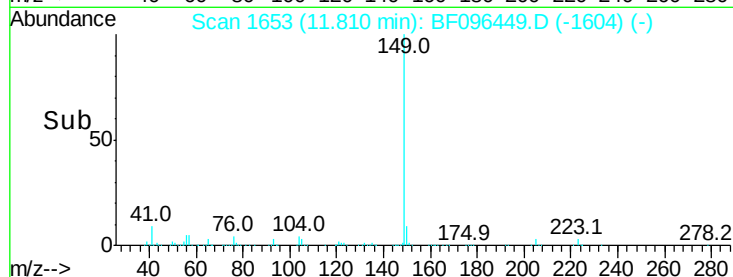
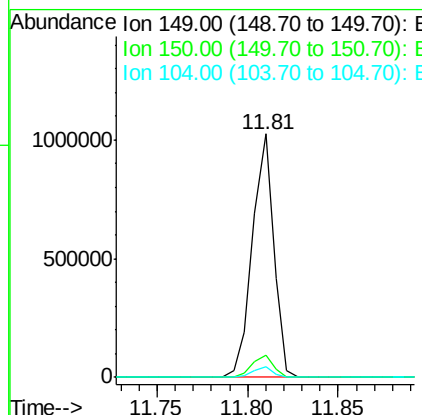
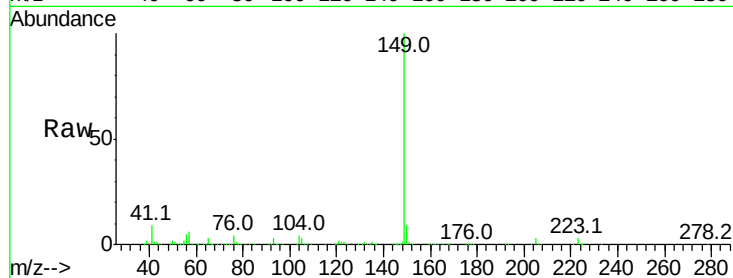




#73
Di-n-butylphthalate
Concen: 47.45 ng
RT: 11.81 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

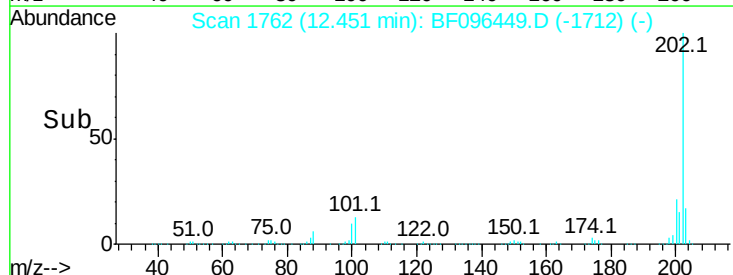
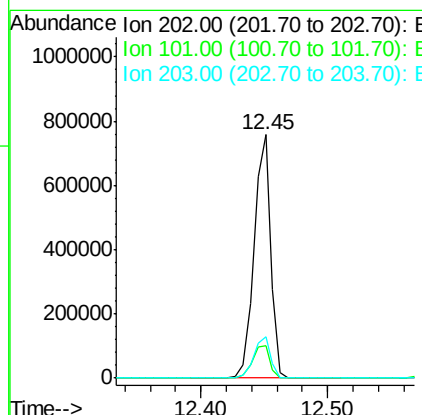
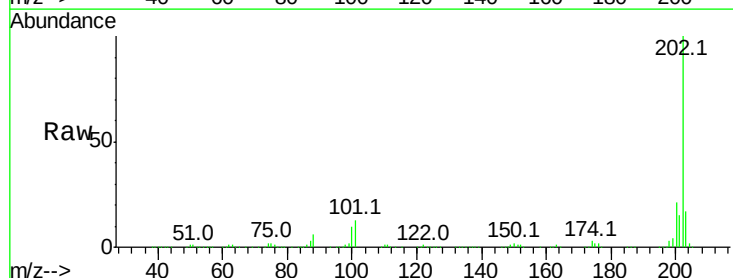
Instrument :
BNA_F
ClientSampleId :

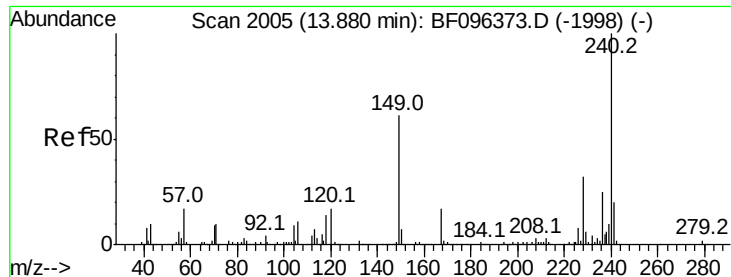
Tot Ion:149 Resp: 842596
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 49.46 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096449.D
Acq: 3 Jul 2017 18:57

Tgt Ion:202 Resp: 693632
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.2
203 16.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampleId :

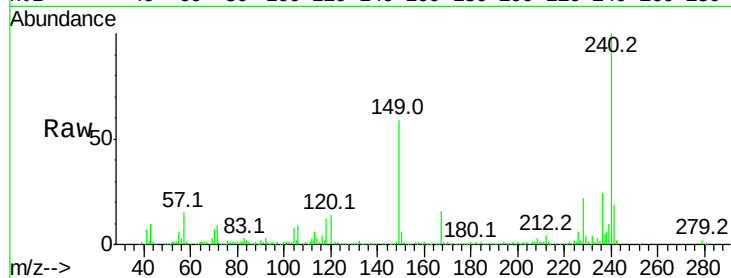
Tot Ion:240 Resp: 215863

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

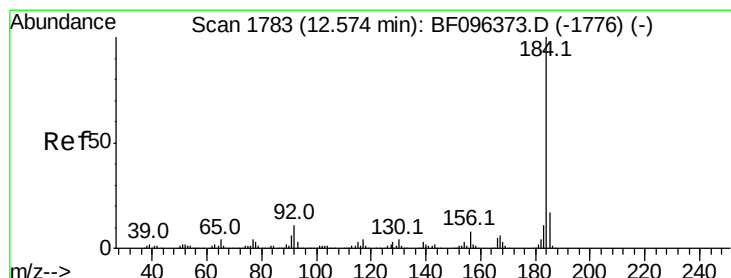
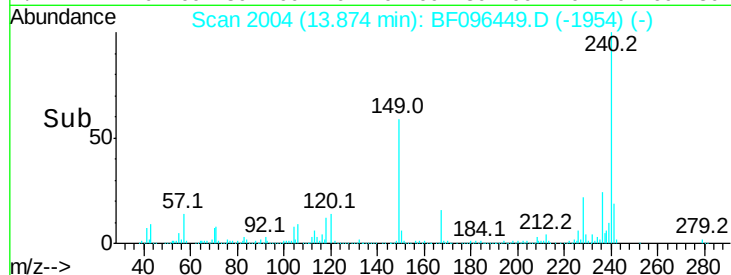
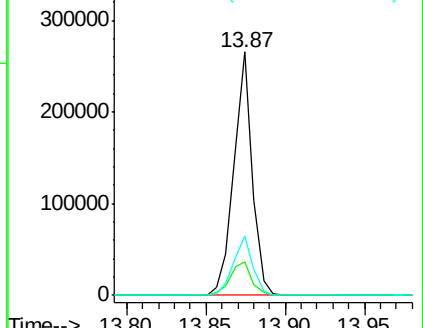
236 24.4 20.5 30.7



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: 46.63 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

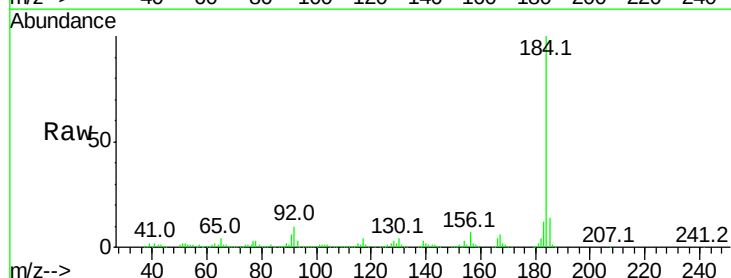
Tgt Ion:184 Resp: 482941

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

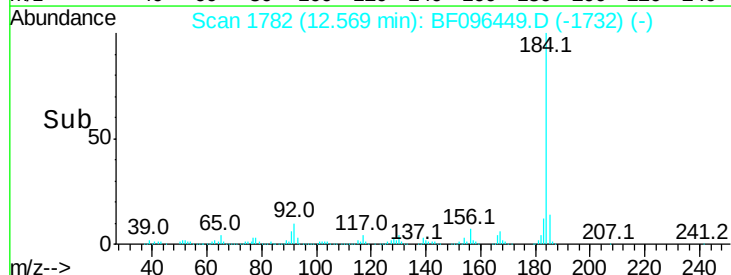
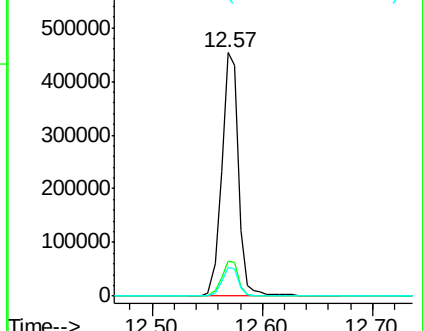
183 12.0 9.8 14.6

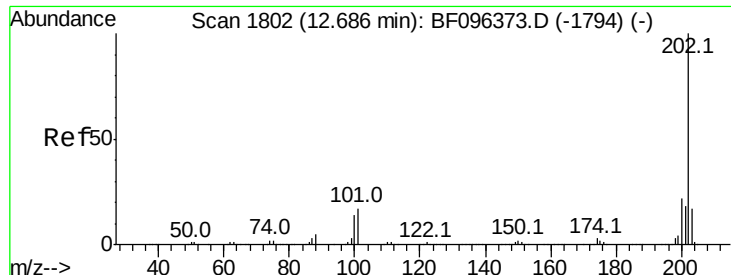


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.80 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampled :

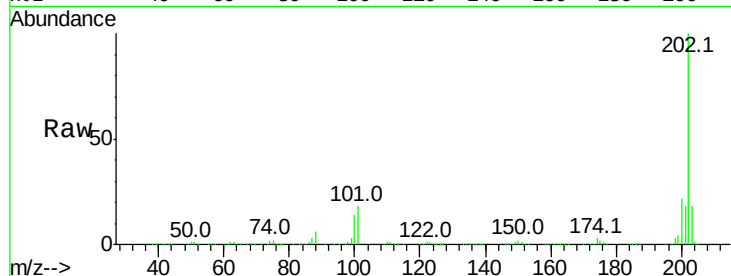
Tot Ion:202 Resp: 724302

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

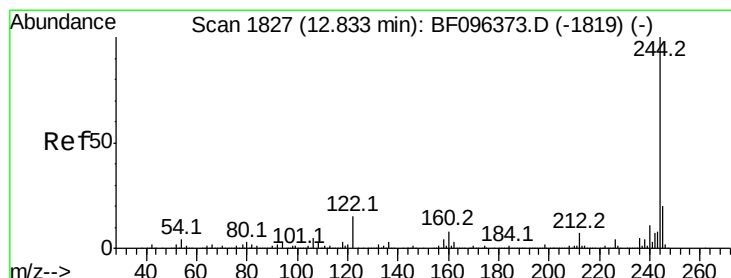
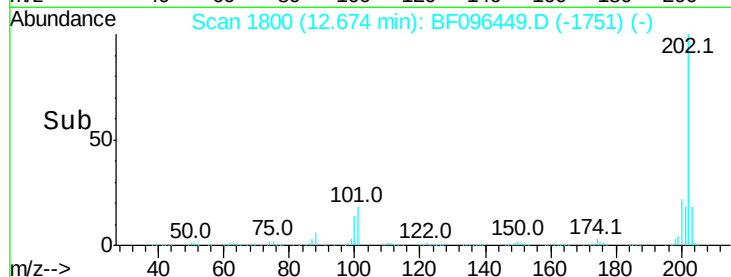
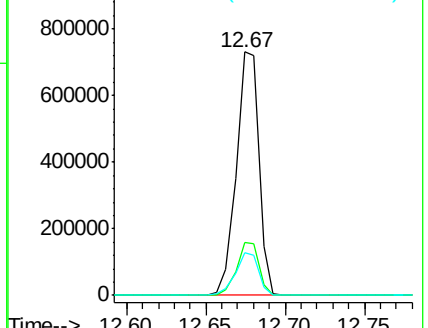
203 17.7 14.4 21.6



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: 72.97 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

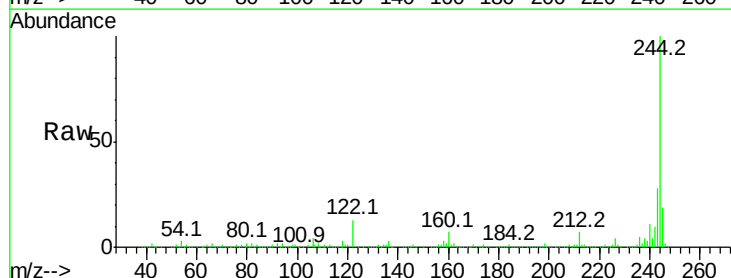
Tgt Ion:244 Resp: 737116

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

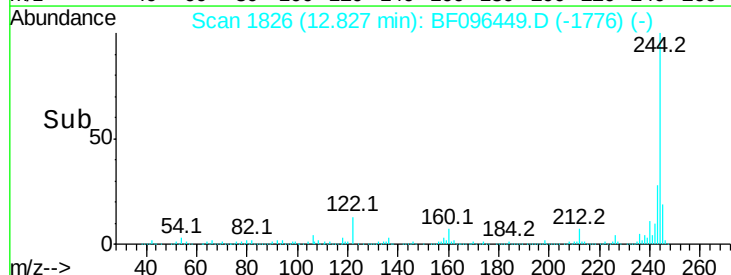
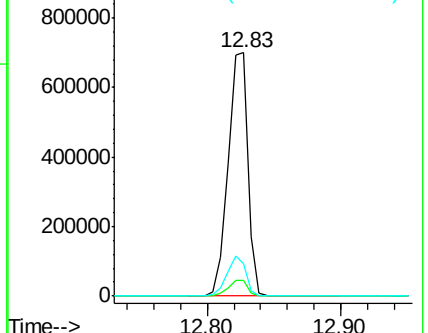
122 13.4 10.3 15.5

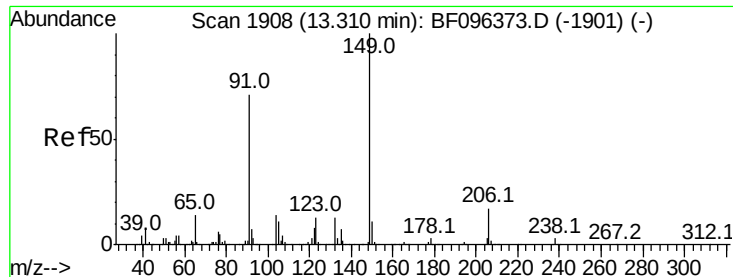


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

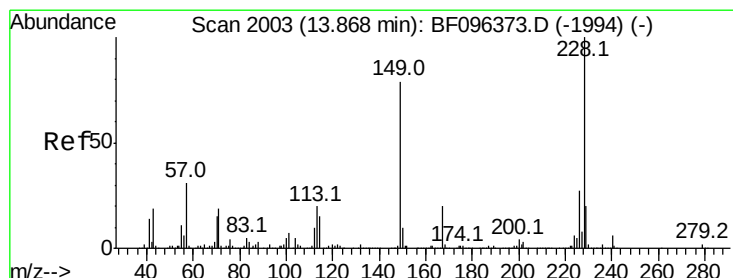
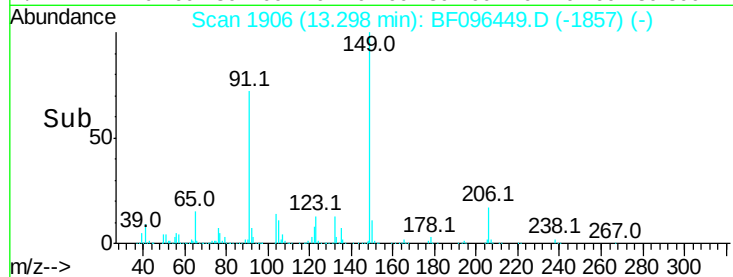
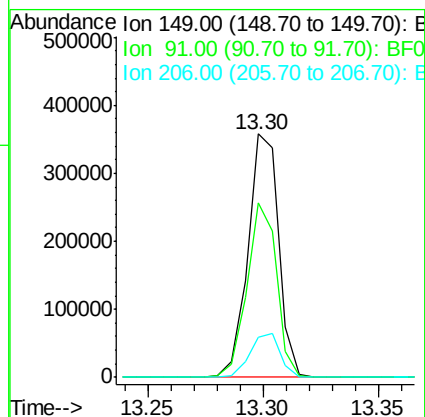
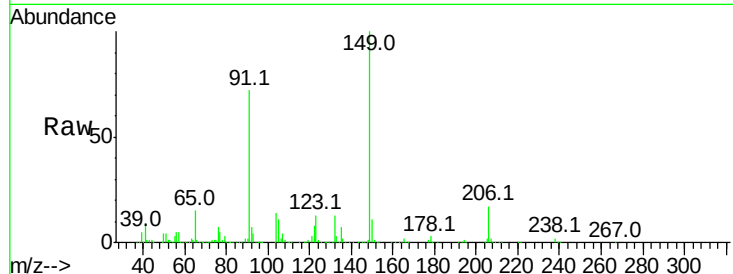




#79
 Butylbenzylphthalate
 Concen: 37.80 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

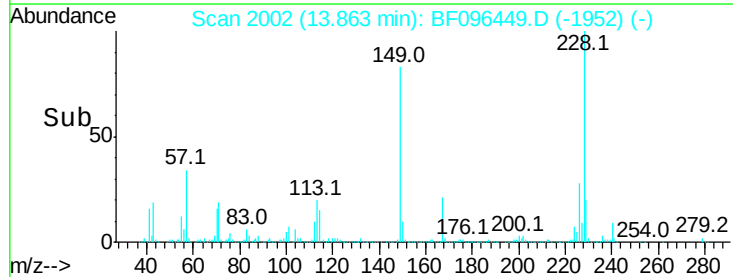
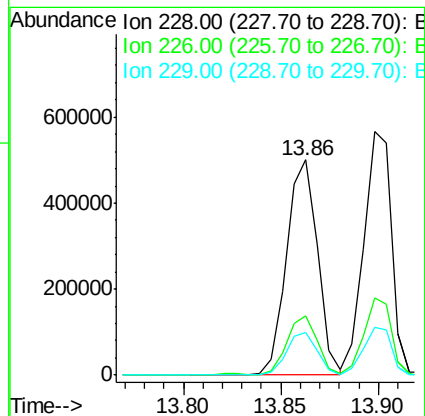
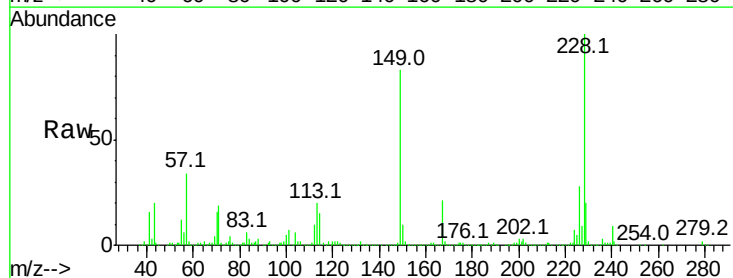
Instrument :
 BNA_F
 ClientSampled :

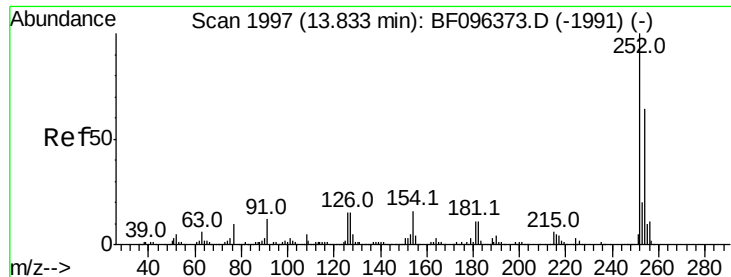
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.9	45.0	67.4#
206	16.5	17.0	25.6#



#80
 Benzo(a)anthracene
 Concen: 43.90 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.8	16.3	24.5

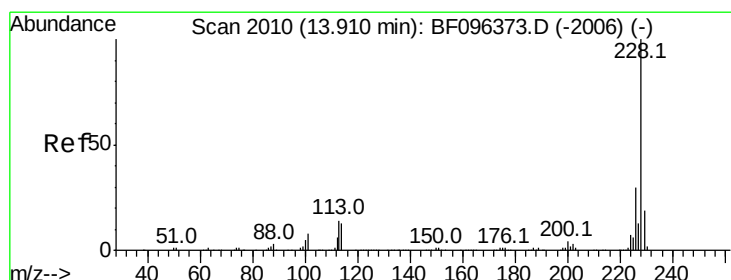
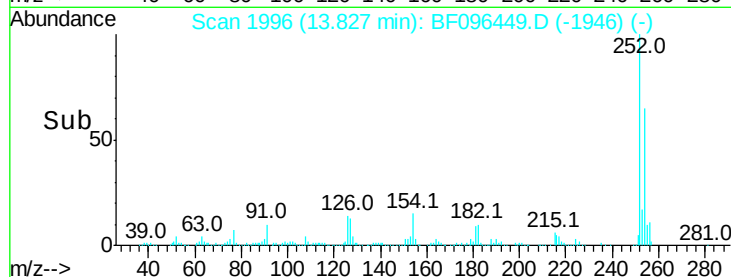
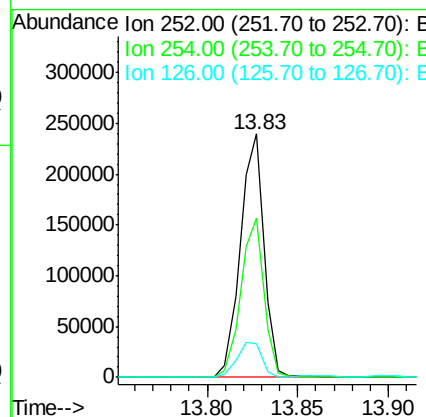
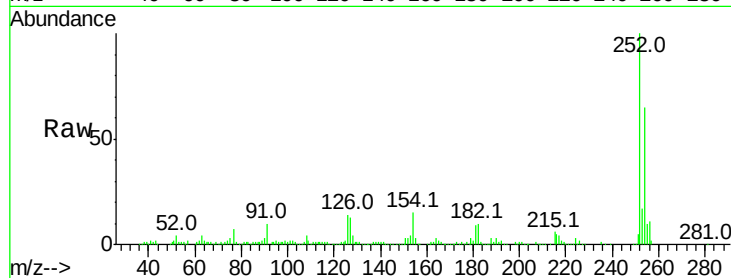




#81
 3,3'-Dichlorobenzidine
 Concen: 42.46 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

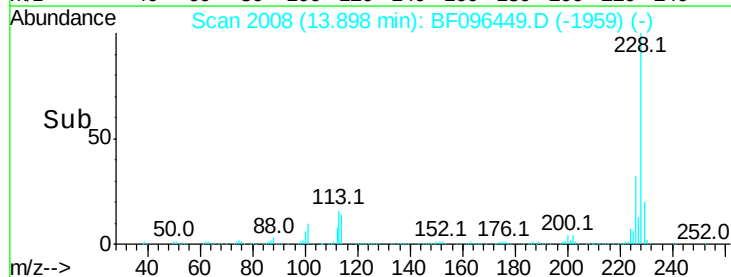
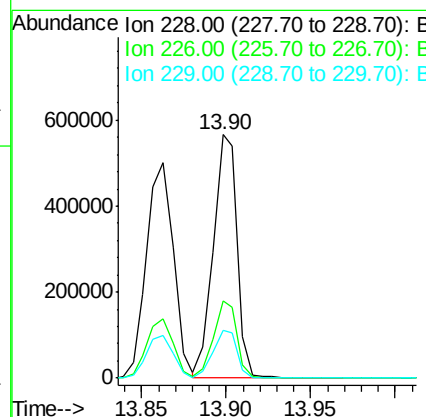
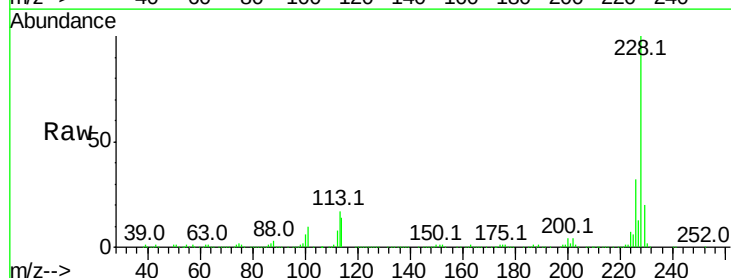
Instrument :
 BNA_F
 ClientSampleId :

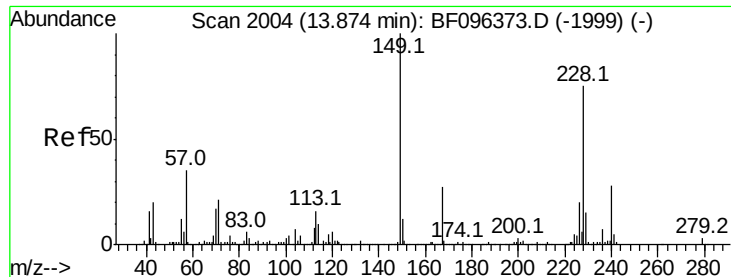
Tot Ion:252 Resp: 217989
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.5 77.3
 126 13.8 15.8 23.8#



#82
 Chrysene
 Concen: 42.64 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Tgt Ion:228 Resp: 558217
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 19.6 15.8 23.6

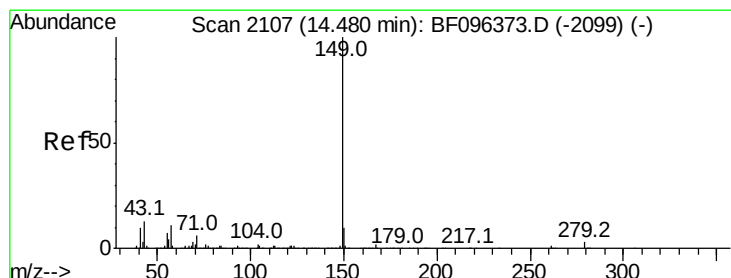
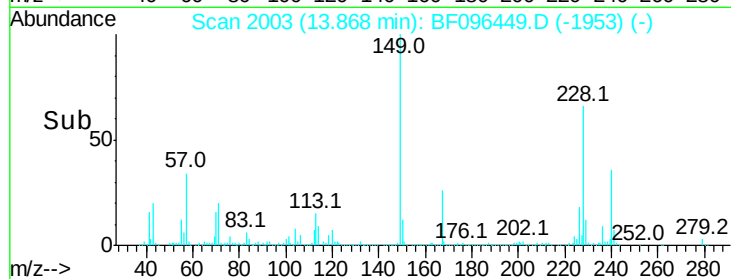
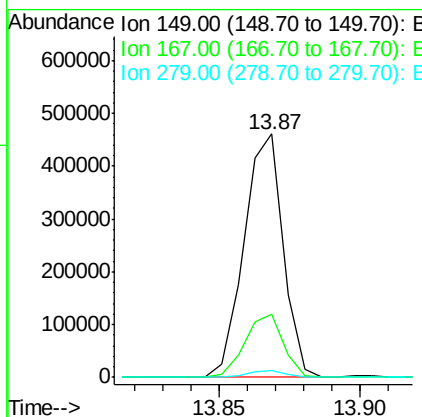
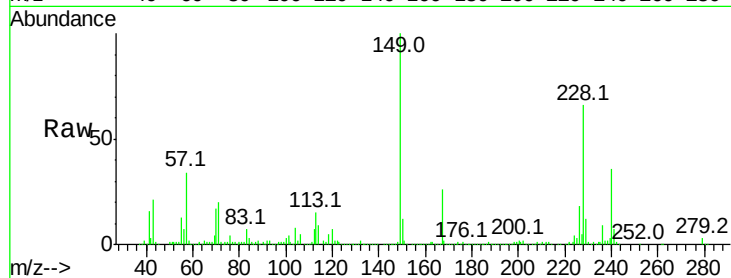




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.93 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

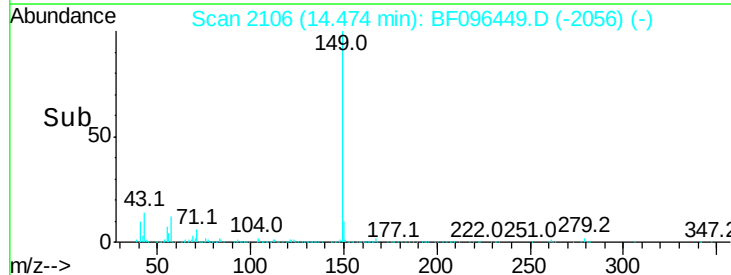
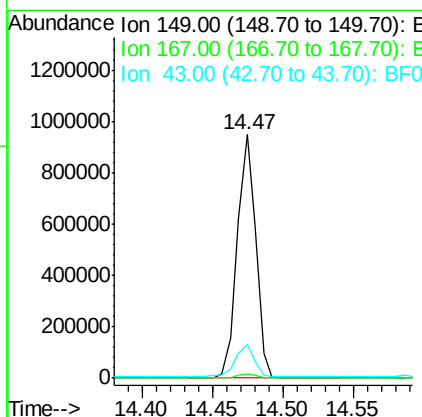
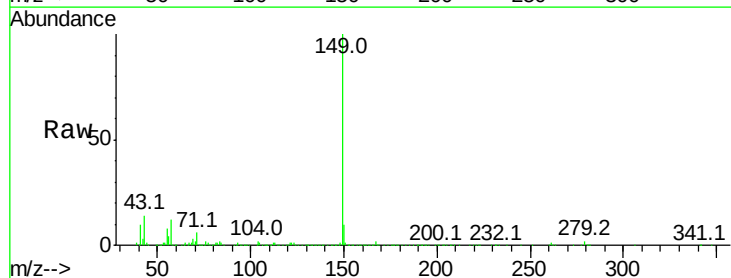
Instrument :
 BNA_F
 ClientSampleId :

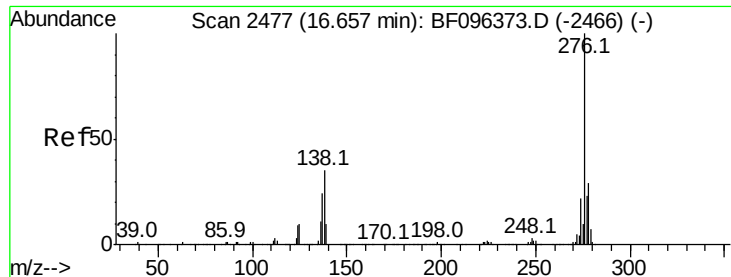
Tot Ion:149 Resp: 439882
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.0 31.4
 279 2.7 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 44.72 ng
 RT: 14.47 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Tgt Ion:149 Resp: 862177
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 13.8 8.5 12.7#

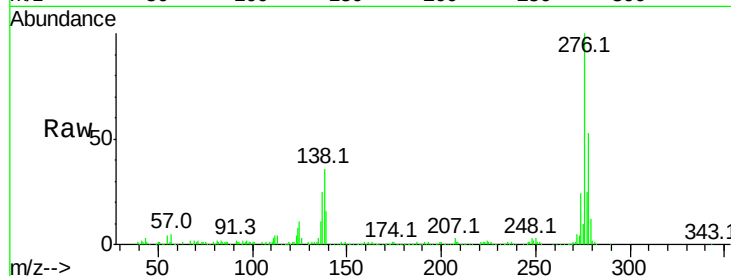




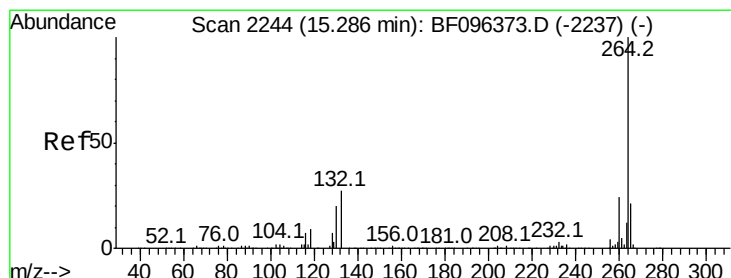
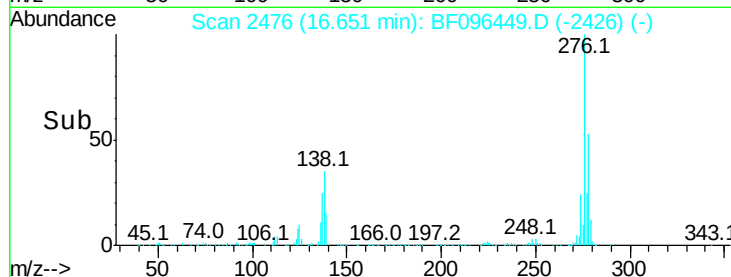
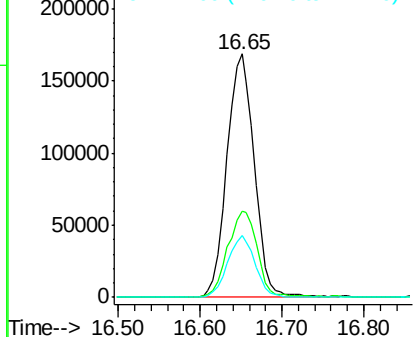
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.11 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.8	27.8	41.6
277	25.2	20.2	30.4

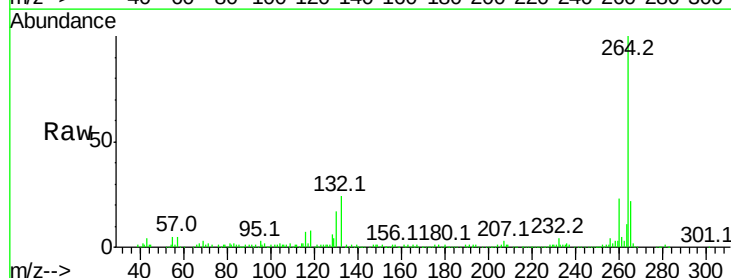


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

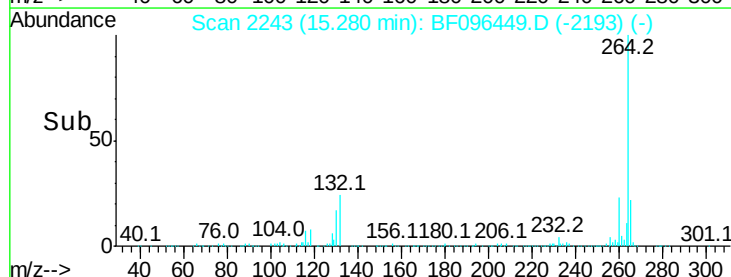
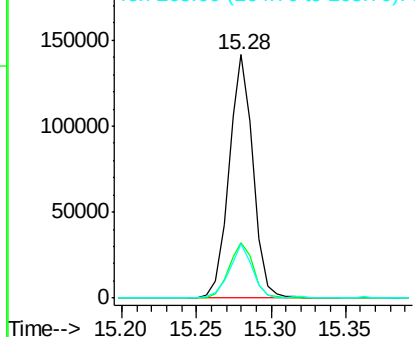


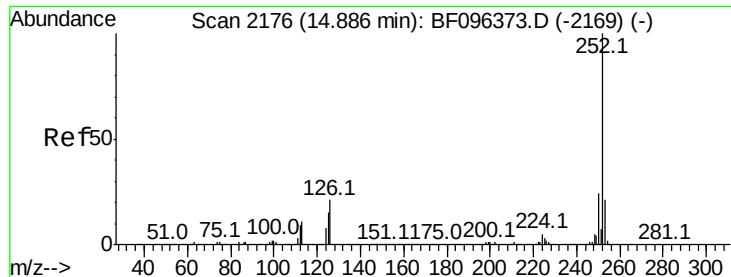
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	22.2	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: 46.42 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampleId :

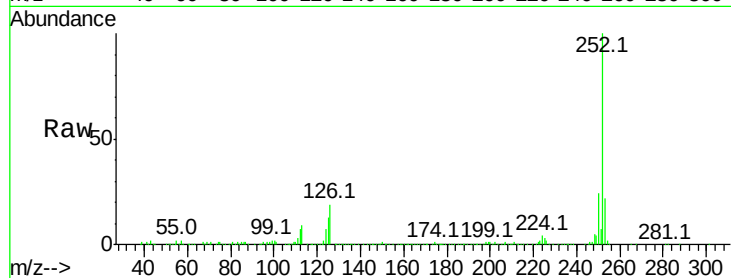
Tot Ion:252 Resp: 463660

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

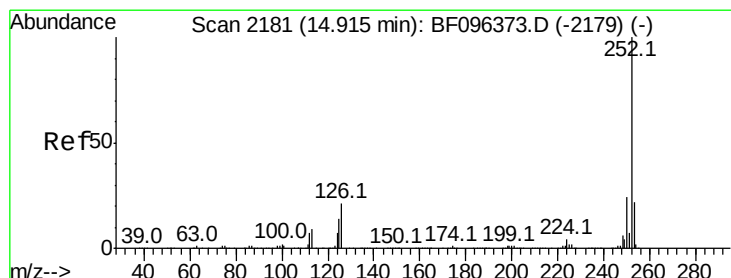
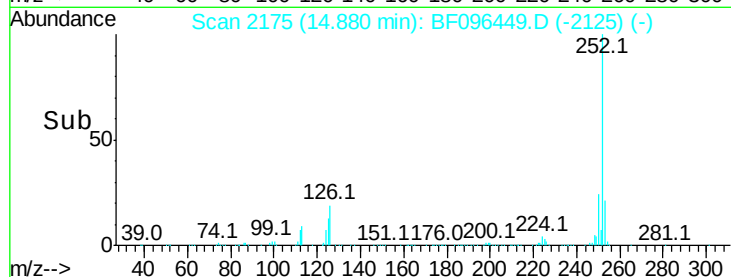
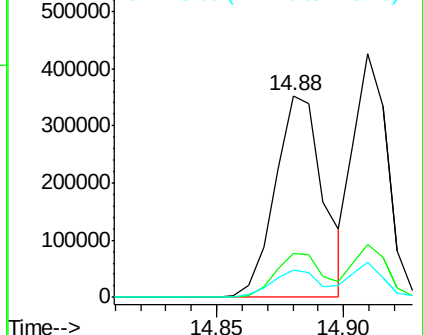
125 13.3 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.74 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

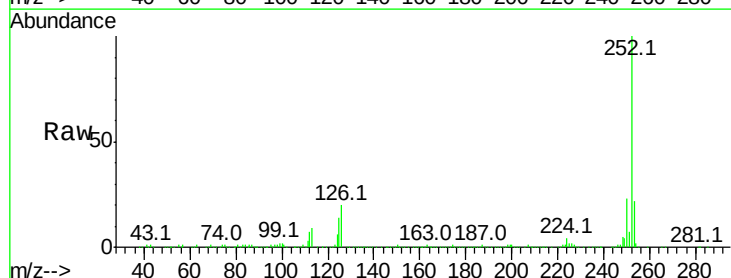
Tgt Ion:252 Resp: 399691

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

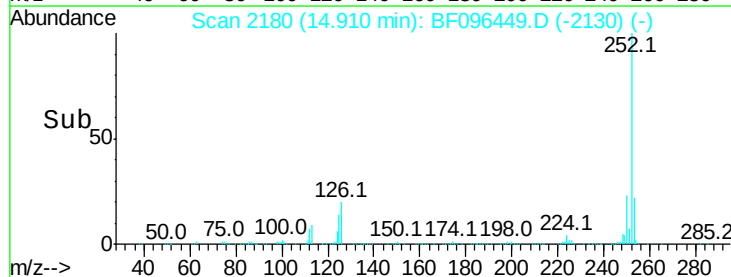
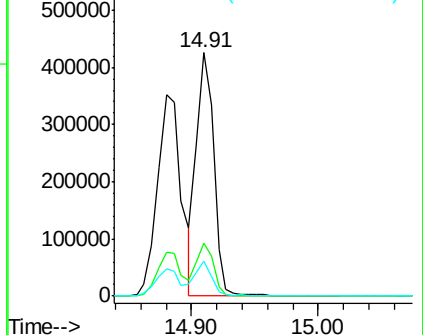
125 14.2 13.1 19.7

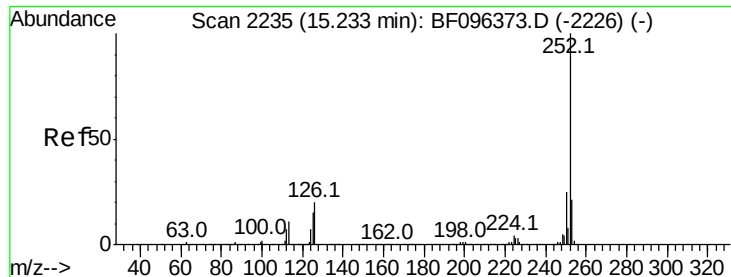


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.30 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

Instrument :

BNA_F

ClientSampleId :

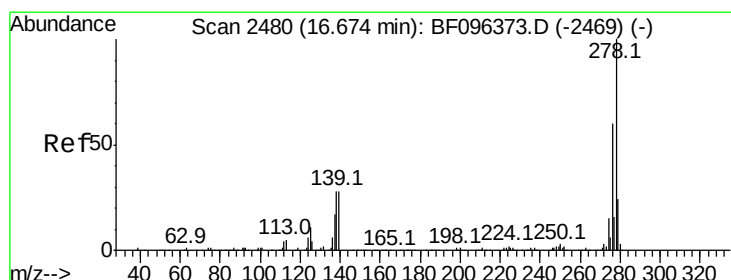
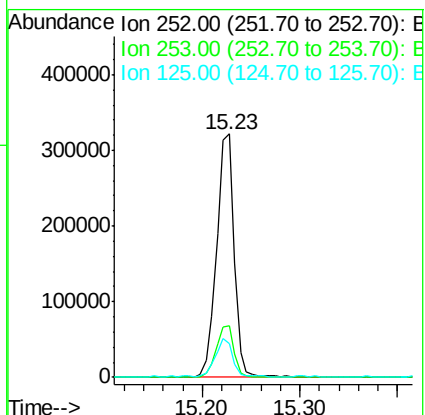
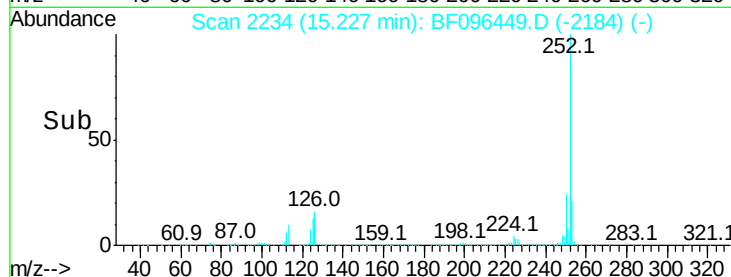
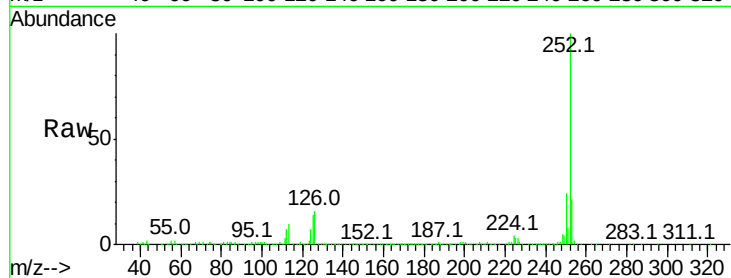
Tot Ion:252 Resp: 403917

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 13.6 11.0 16.4



#90

Dibenzo(a,h)anthracene

Concen: 46.86 ng

RT: 16.66 min Scan# 2478

Delta R.T. -0.01 min

Lab File: BF096449.D

Acq: 3 Jul 2017 18:57

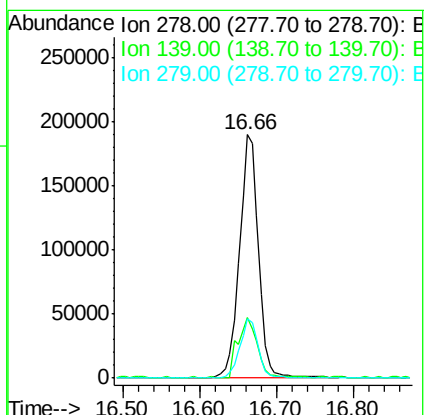
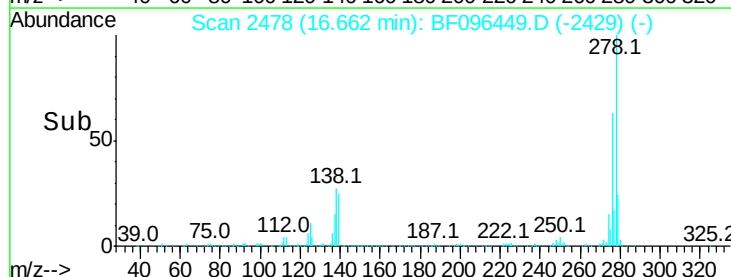
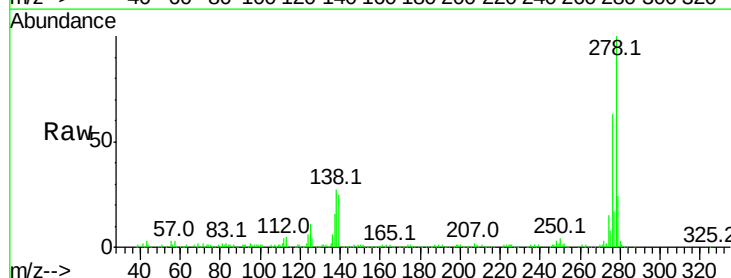
Tgt Ion:278 Resp: 328684

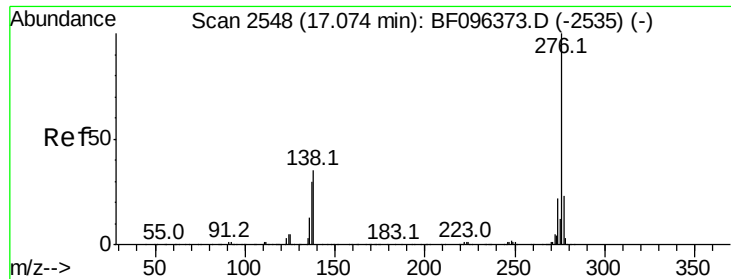
Ion Ratio Lower Upper

278 100

139 24.9 16.6 24.8#

279 24.2 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 44.51 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BF096449.D
 Acq: 3 Jul 2017 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	32.3	25.4	38.0

