

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
 Data File : BF096422.D
 Acq On : 2 Jul 2017 18:03
 Operator : SJ/MA
 Sample : I3876-06MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 04:33:38 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	140940	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	507648	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	197788	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	285021	20.00	ng	0.00
75) Chrysene-d12	13.88	240	198082	20.00	ng	0.00
86) Perylene-d12	15.29	264	160797	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1258832	131.83	ng	0.02
7) Phenol-d6	6.38	99	1516629	129.19	ng	0.00
23) Nitrobenzene-d5	7.30	82	791542	93.70	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	216461	140.11	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1239373	107.14	ng	0.00
78) Terphenyl-d14	12.83	244	807369	87.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	154593	34.14	ng	# 75
3) Pyridine	3.18	79	471289	37.94	ng	# 64
4) n-Nitrosodimethylamine	3.13	42	270356	44.09	ng	# 89
6) Aniline	6.39	93	550577	36.29	ng	# 1
8) 2-Chlorophenol	6.53	128	465540	45.72	ng	# 97
9) Benzaldehyde	6.28	77	230694	31.40	ng	# 99
10) Phenol	6.40	94	582470	43.55	ng	# 91
11) bis(2-Chloroethyl)ether	6.47	93	444390	43.00	ng	# 91
12) 1,3-Dichlorobenzene	6.68	146	476379	44.62	ng	# 98
13) 1,4-Dichlorobenzene	6.68	146	476379	44.64	ng	# 97
14) 1,2-Dichlorobenzene	6.91	146	425777	43.45	ng	# 98
15) Benzyl Alcohol	6.88	79	354528	45.18	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	986400	46.95	ng	# 92
17) 2-Methylphenol	7.00	107	382420	47.12	ng	# 99
18) Hexachloroethane	7.25	117	135977	35.15	ng	# 85
19) n-Nitroso-di-n-propylamine	7.16	70	279013	39.90	ng	# 85
20) 3+4-Methylphenols	7.15	107	392728	43.39	ng	# 95
22) Acetophenone	7.15	105	542313	48.89	ng	# 95
24) Nitrobenzene	7.32	77	413592	46.67	ng	# 88
25) Isophorone	7.56	82	747610	45.64	ng	# 92
26) 2-Nitrophenol	7.63	139	215392	45.92	ng	# 89
27) 2,4-Dimethylphenol	7.68	122	371277	46.48	ng	# 96
28) bis(2-Chloroethoxy)methane	7.77	93	518309	47.94	ng	# 100
29) 2,4-Dichlorophenol	7.88	162	332683	48.28	ng	# 99
30) 1,2,4-Trichlorobenzene	7.96	180	317375	48.82	ng	# 98
31) Naphthalene	8.04	128	1144035	47.74	ng	# 100
32) Benzoic acid	7.76	122	44755	6.67	ng	# 91
33) 4-Chloroaniline	8.09	127	354821	35.64	ng	# 97
34) Hexachlorobutadiene	8.16	225	161731	48.51	ng	# 98
35) Caprolactam	8.46	113	77129	32.46	ng	# 46
36) 4-Chloro-3-methylphenol	8.57	107	334566	43.88	ng	# 88
37) 2-Methylnaphthalene	8.73	142	733427	48.08	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	258680	50.37	ng	# 99
40) Hexachlorocyclopentadiene	8.89	237	75233	30.13	ng	# 98

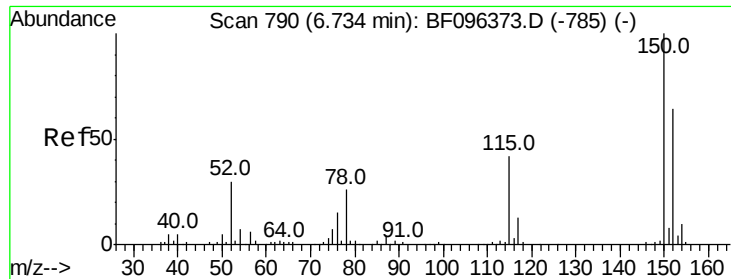
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	193324	47.59	nq	96
43) 2,4,5-Trichlorophenol	9.05	196	196272	48.86	nq	99
45) 1,1'-Biphenyl	9.20	154	785105	46.33	nq	98
46) 2-Chloronaphthalene	9.22	162	613875	48.61	nq	95
47) 2-Nitroaniline	9.31	65	220582	48.00	nq	95
48) Acenaphthylene	9.63	152	919921	45.97	nq	99
49) Dimethylphthalate	9.50	163	949811	64.33	nq	99
50) 2,6-Dinitrotoluene	9.56	165	154255	47.24	nq	# 93
51) Acenaphthene	9.80	154	544698	44.16	nq	98
52) 3-Nitroaniline	9.72	138	164191	40.32	nq	86
53) 2,4-Dinitrophenol	9.82	184	7398	4.27	nq	# 79
54) Dibenzofuran	9.97	168	803931	49.36	nq	99
55) 4-Nitrophenol	9.89	139	243672	72.19	nq	# 64
56) 2,4-Dinitrotoluene	9.96	165	188468	45.58	nq	# 85
57) Fluorene	10.32	166	551583	47.95	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	136862	49.25	nq	# 97
59) Diethylphthalate	10.20	149	677392	48.54	nq	99
60) 4-Chlorophenyl-phenylether	10.31	204	243436	48.64	nq	97
61) 4-Nitroaniline	10.33	138	161853	43.71	nq	91
62) Azobenzene	10.47	77	668518	49.54	nq	93
64) 4,6-Dinitro-2-methylphenol	10.36	198	15131	7.70	nq	98
65) n-Nitrosodiphenylamine	10.43	169	546051	54.60	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	157530	56.78	nq	97
67) Hexachlorobenzene	10.87	284	156807	51.63	nq	# 91
68) Atrazine	10.96	200	157979	55.29	nq	95
69) Pentachlorophenol	11.06	266	146212	81.22	nq	99
70) Phenanthrene	11.27	178	900417	58.44	nq	99
71) Anthracene	11.33	178	829427	52.83	nq	99
72) Carbazole	11.47	167	787245	49.86	nq	99
73) Di-n-butylphthalate	11.82	149	1008775	52.75	nq	99
74) Fluoranthene	12.46	202	834269	55.23	nq	99
76) Benzidine	12.57	184	330320	34.75	nq	# 93
77) Pyrene	12.69	202	862782	54.26	nq	98
79) Butylbenzylphthalate	13.30	149	356652	44.31	nq	# 78
80) Benzo(a)anthracene	13.87	228	640980	55.88	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	200230	42.50	nq	# 96
82) Chrysene	13.90	228	650022	54.11	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	485926	54.09	nq	# 99
84) Di-n-octyl phthalate	14.48	149	865466	48.92	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.66	276	415279	43.80	nq	98
87) Benzo(b)fluoranthene	14.89	252	554330	55.02	nq	98
88) Benzo(k)fluoranthene	14.92	252	427788	47.47	nq	97
89) Benzo(a)pyrene	15.23	252	487400	54.18	nq	99
90) Dibenzo(a,h)anthracene	16.67	278	332049	46.92	nq	97
91) Benzo(g,h,i)perylene	17.07	276	345231	47.08	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

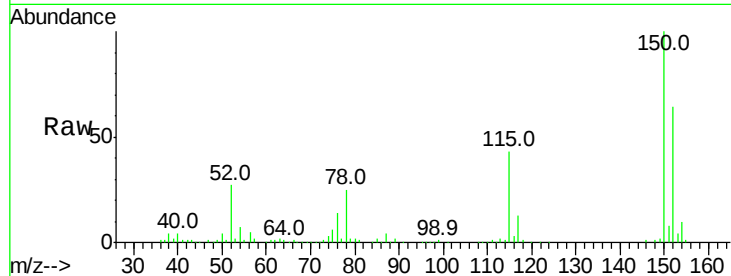
Tot Ion:152 Resp: 140940

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

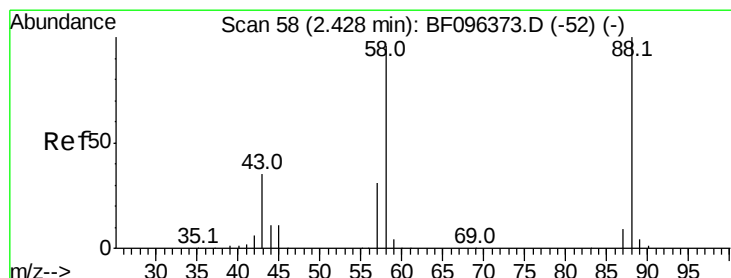
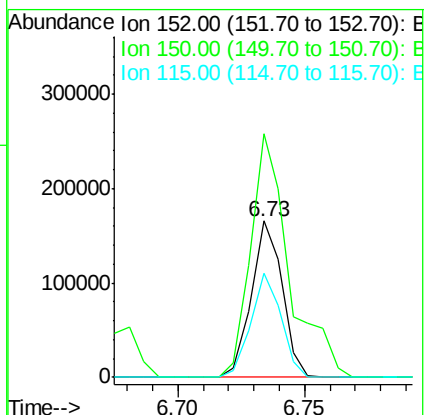
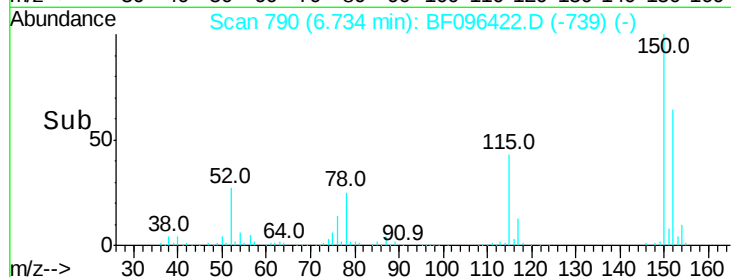
115 66.7 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.14 ng

RT: 2.48 min Scan# 67

Delta R.T. 0.05 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

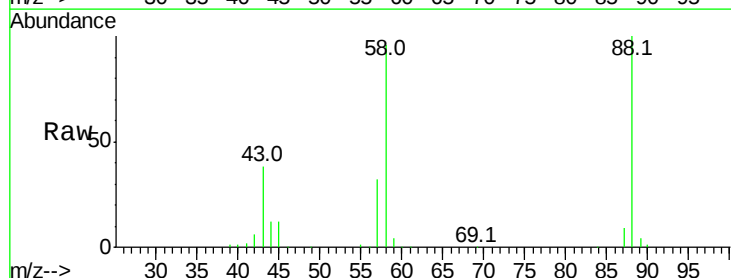
Tgt Ion: 88 Resp: 154593

Ion Ratio Lower Upper

88 100

58 100.2 61.4 92.0#

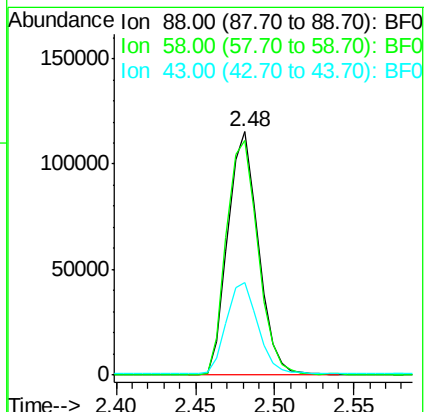
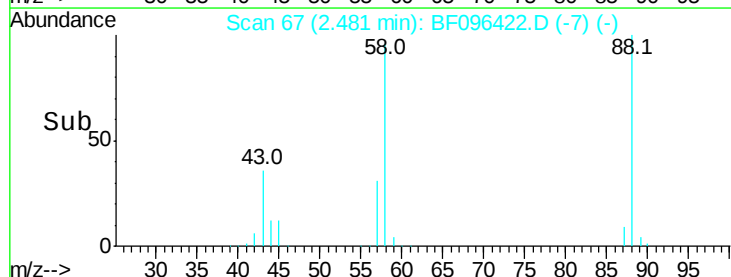
43 39.1 23.4 35.0#

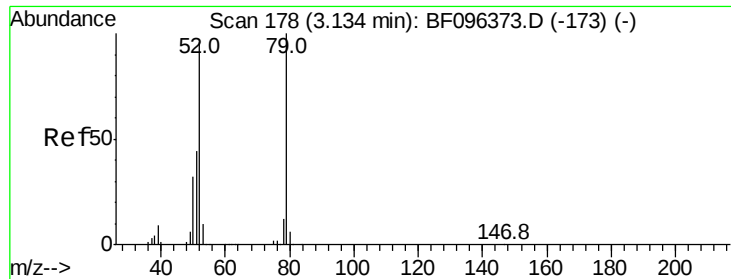


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.94 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.05 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

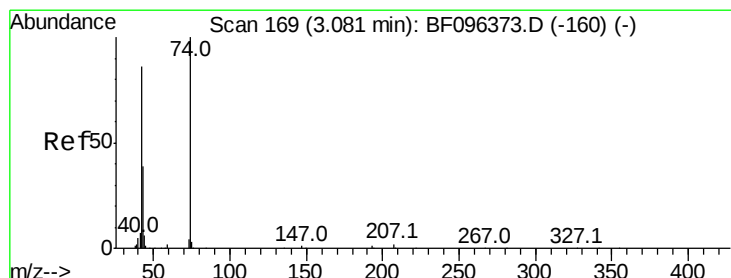
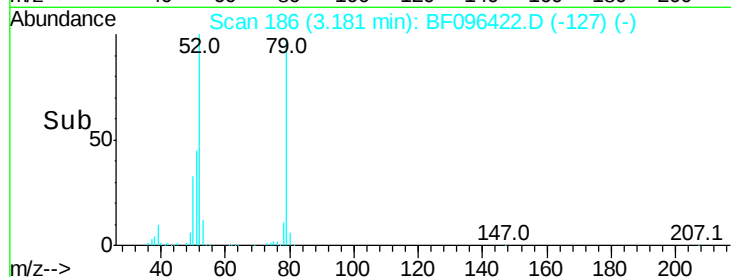
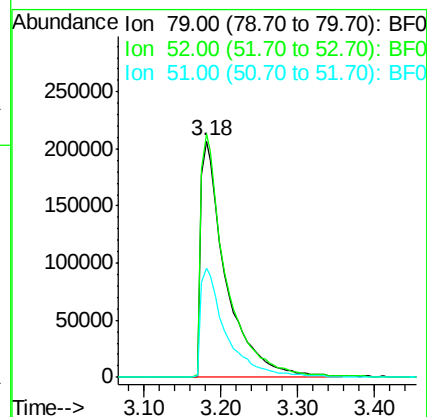
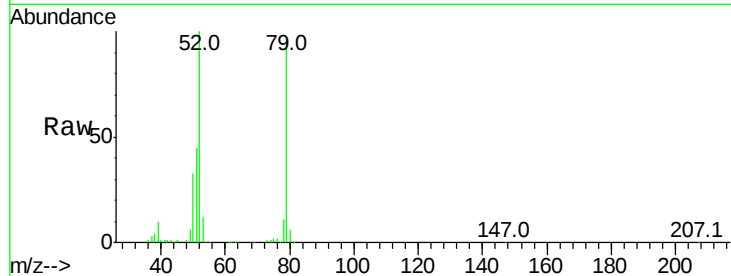
Tot Ion: 79 Resp: 471289

Ion Ratio Lower Upper

79 100

52 103.1 54.8 82.2#

51 46.3 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 44.09 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.05 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

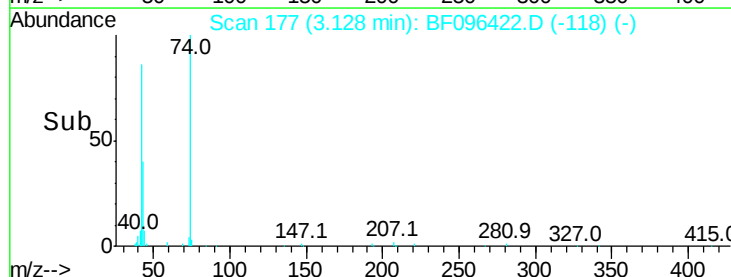
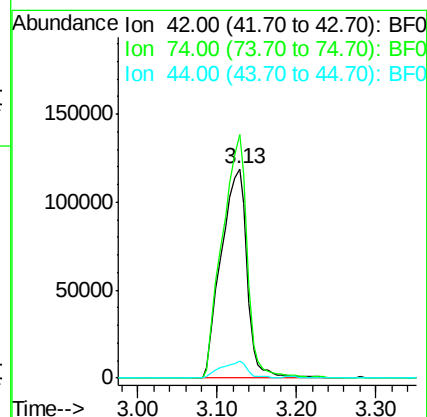
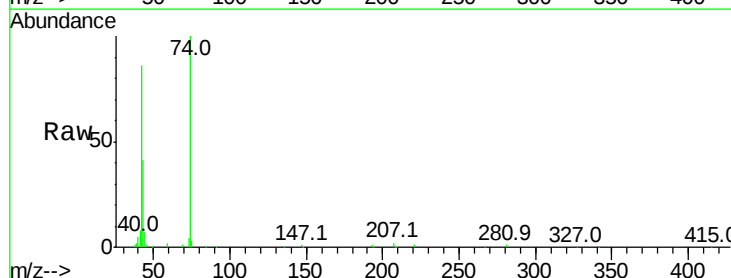
Tgt Ion: 42 Resp: 270356

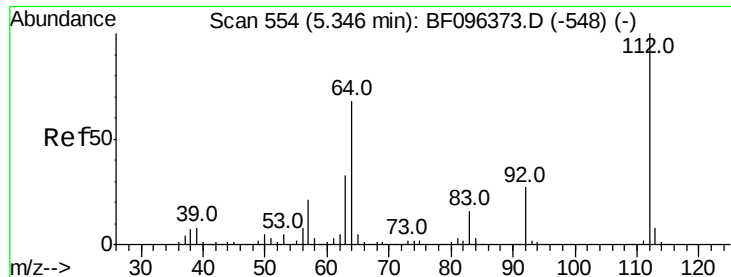
Ion Ratio Lower Upper

42 100

74 116.1 103.9 155.9

44 8.3 5.7 8.5





#5

2-Fluorophenol

Concen: 131.83 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

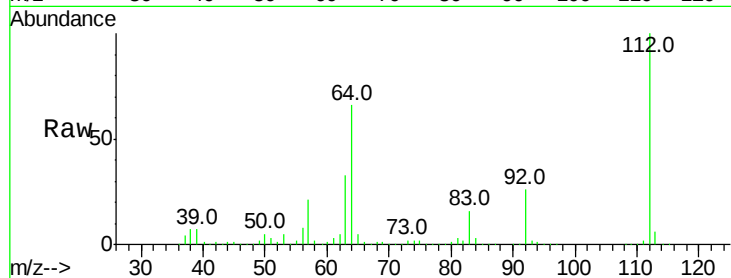
Tot Ion:112 Resp: 1258832

Ion Ratio Lower Upper

112 100

64 65.5 46.0 69.0

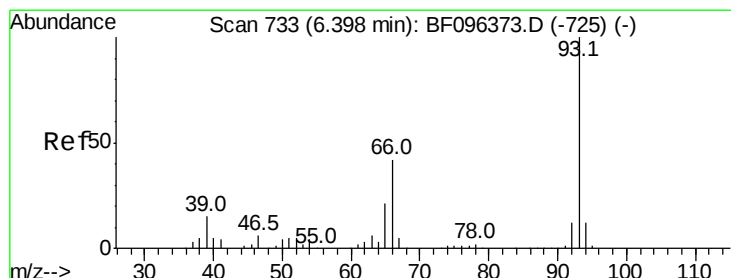
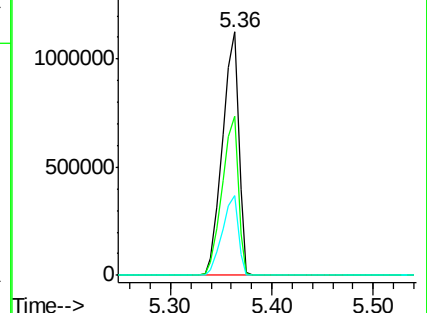
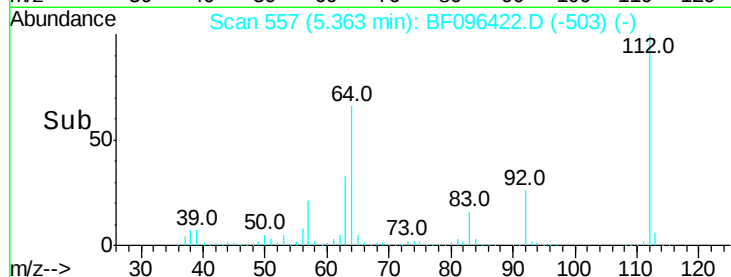
63 32.8 23.4 35.0



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: 36.29 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

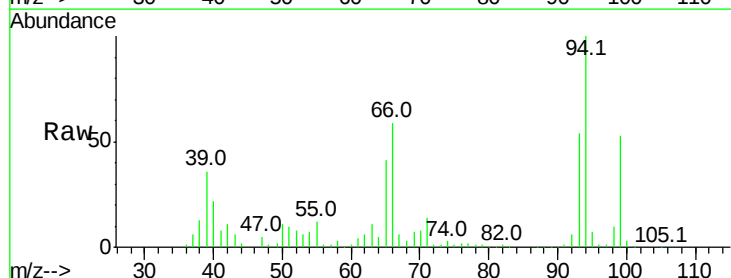
Tgt Ion: 93 Resp: 550577

Ion Ratio Lower Upper

93 100

66 110.6 32.9 49.3#

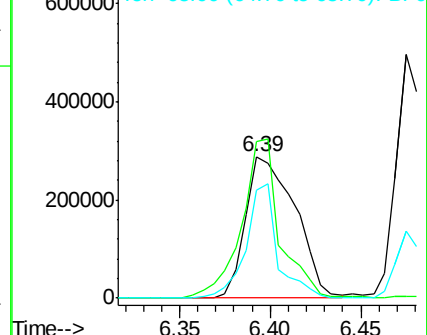
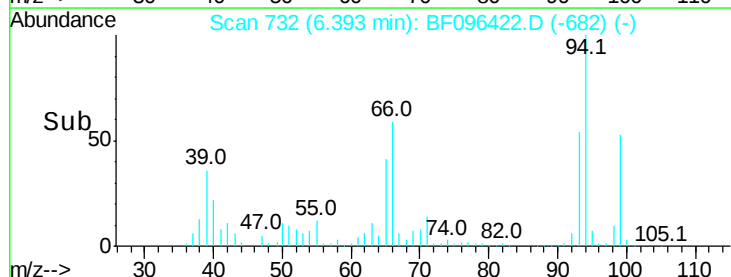
65 75.9 16.0 24.0#

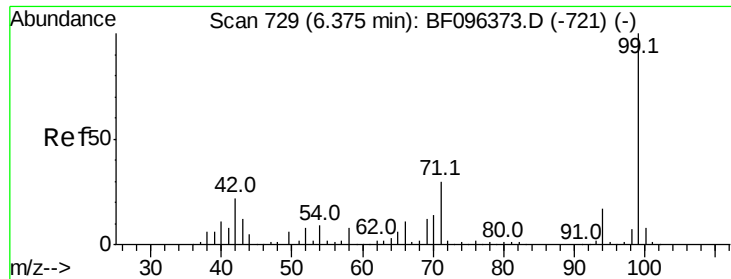


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.19 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

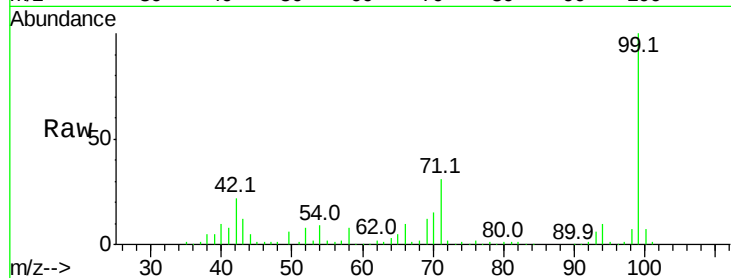
Instrument :

BNA_F

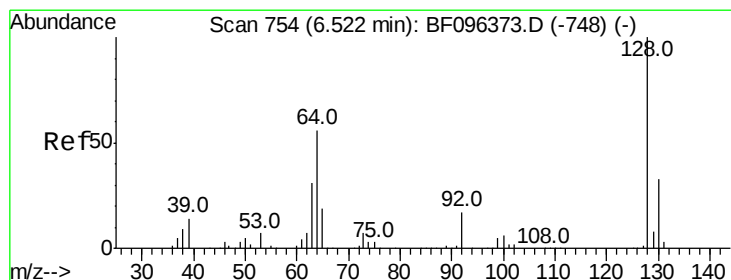
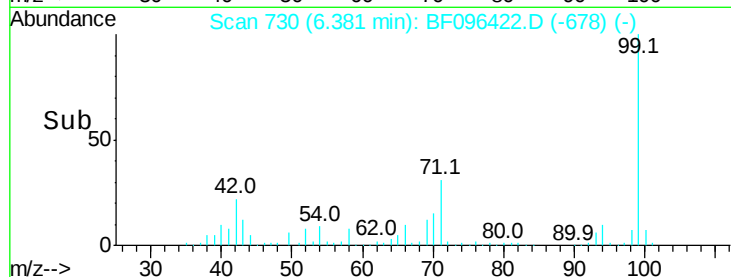
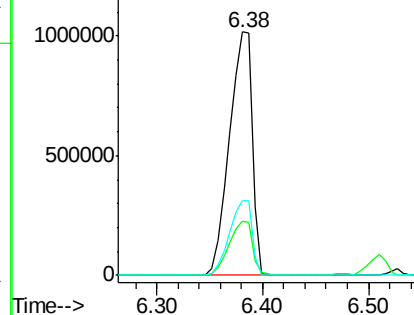
ClientSampleId :

Tot Ion: 99 Resp: 1516629

Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	30.9	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: 45.72 ng

RT: 6.53 min Scan# 755

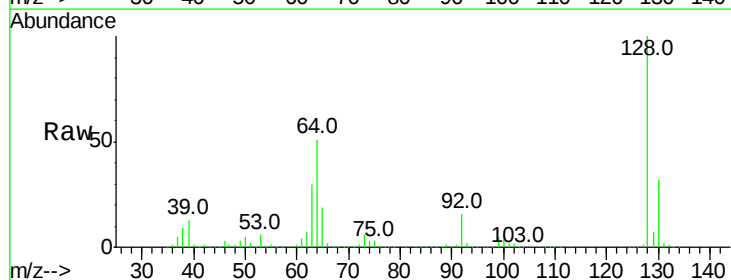
Delta R.T. 0.01 min

Lab File: BF096422.D

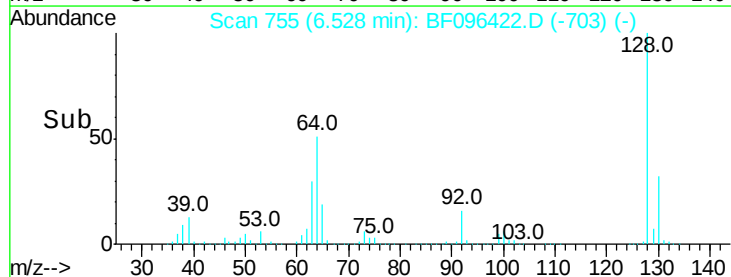
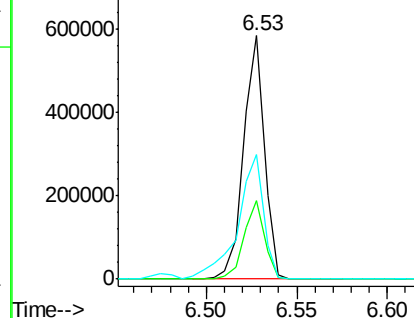
Acq: 2 Jul 2017 18:03

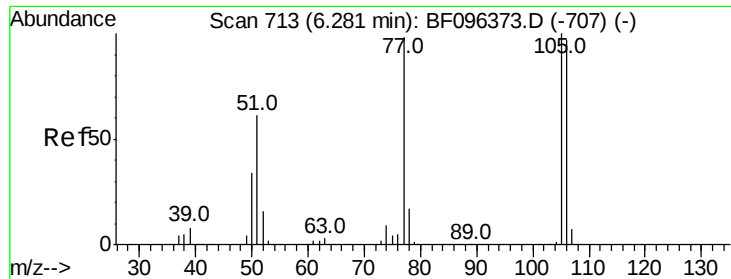
Tgt Ion: 128 Resp: 465540

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	51.2	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: 31.40 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampled :

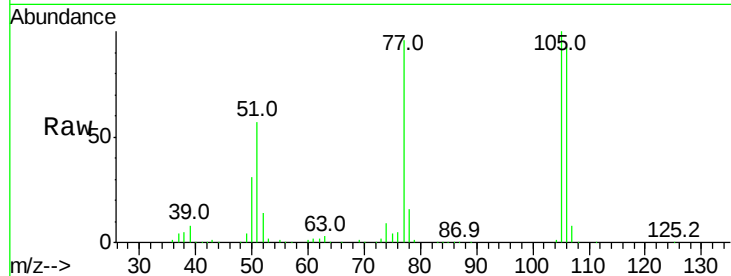
Tot Ion: 77 Resp: 230694

Ion Ratio Lower Upper

77 100

105 104.4 83.8 123.8

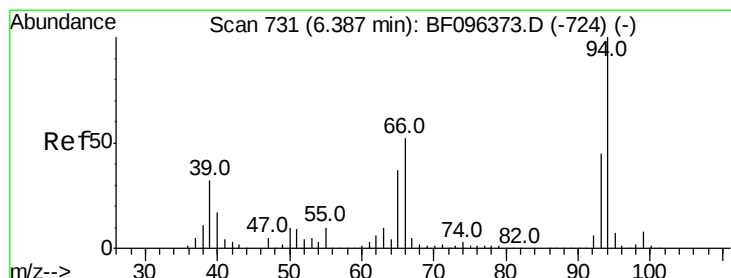
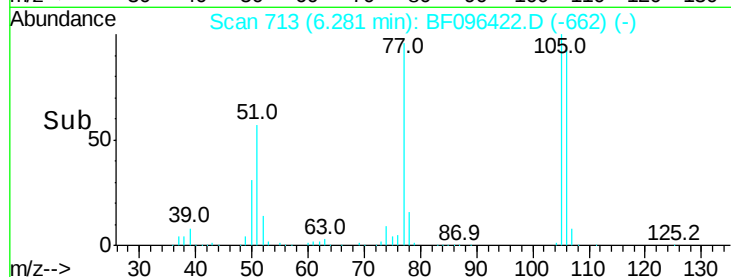
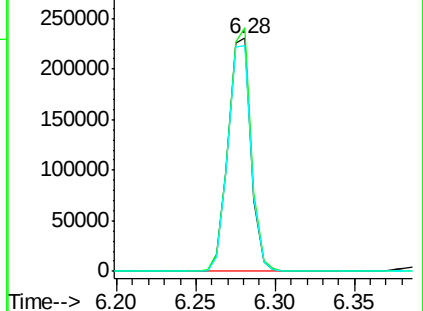
106 96.8 79.1 119.1



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: 43.55 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

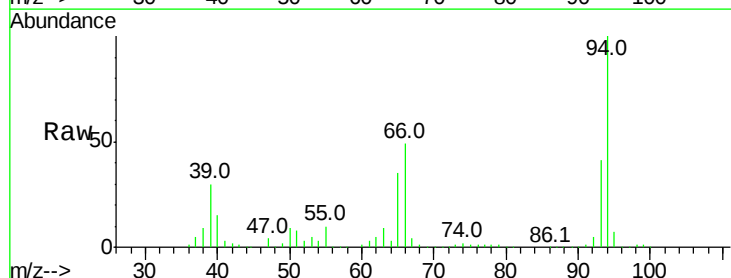
Tgt Ion: 94 Resp: 582470

Ion Ratio Lower Upper

94 100

65 34.8 9.9 49.9

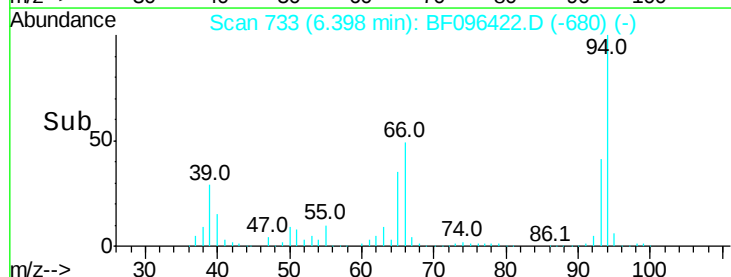
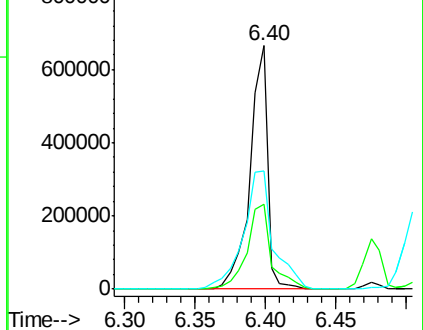
66 48.8 23.1 63.1

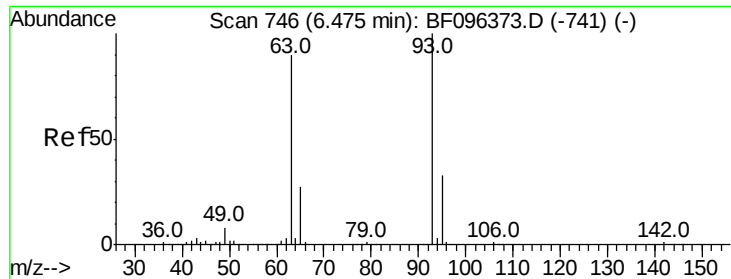


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.00 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

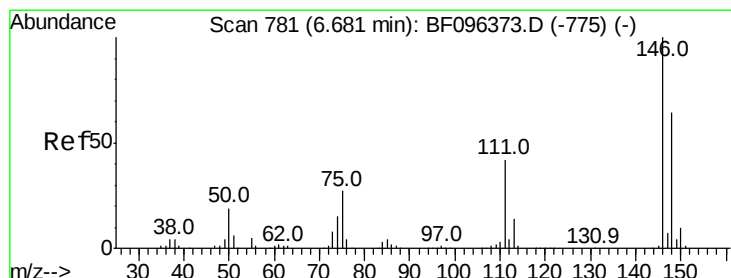
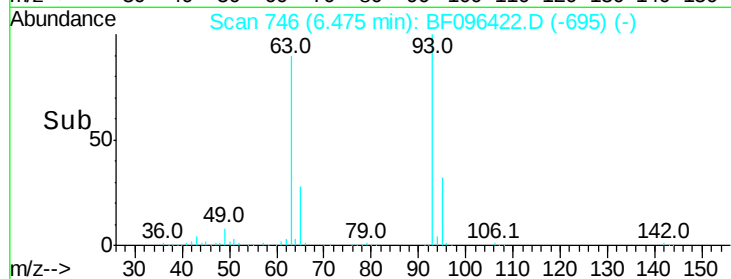
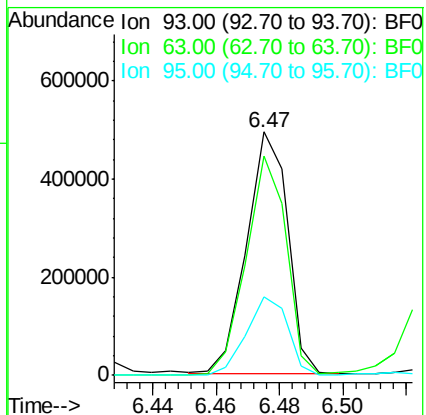
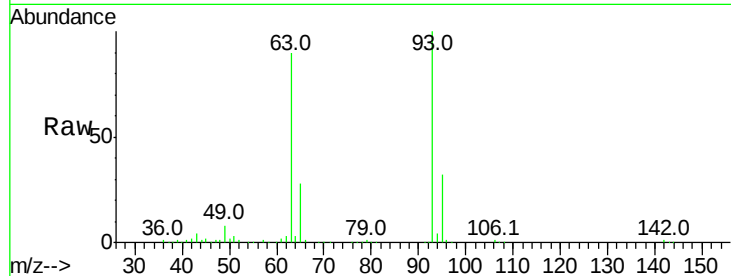
Tot Ion: 93 Resp: 444390

Ion	Ratio	Lower	Upper
93	100		
63	90.2	59.2	99.2
95	32.1	12.8	52.8

93 100

63 90.2 59.2 99.2

95 32.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 44.62 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

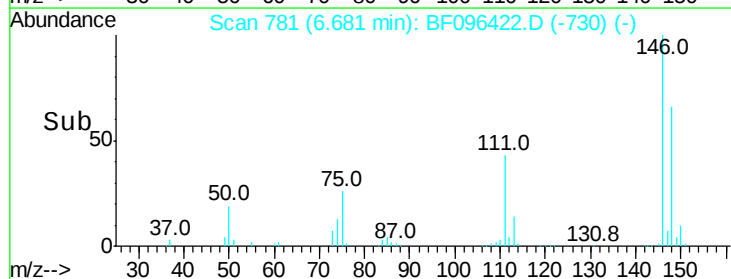
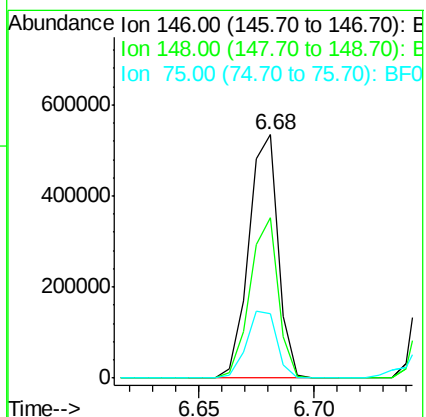
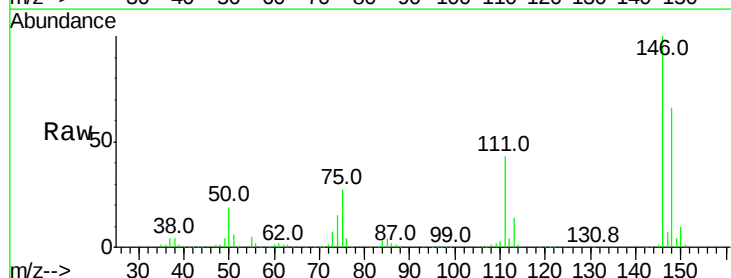
Tgt Ion: 146 Resp: 476379

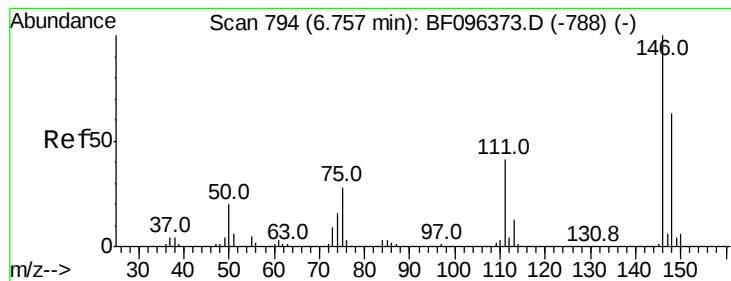
Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.8	77.6
75	26.6	23.1	34.7

146 100

148 65.8 51.8 77.6

75 26.6 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 44.64 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.08 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

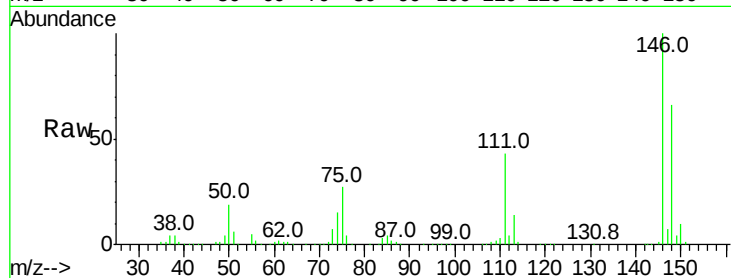
Tot Ion:146 Resp: 476379

Ion Ratio Lower Upper

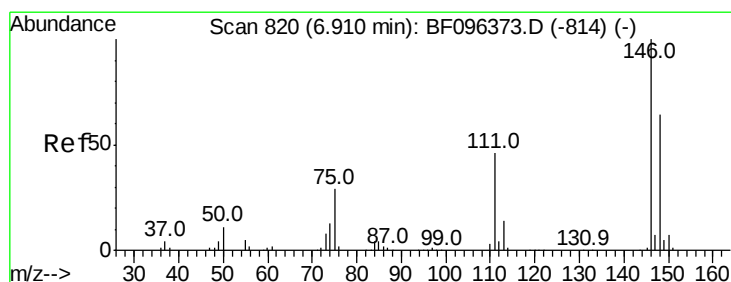
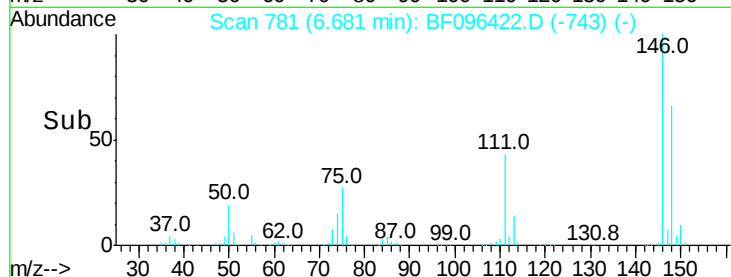
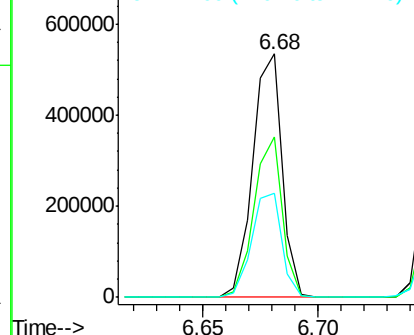
146 100

148 65.8 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: 43.45 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

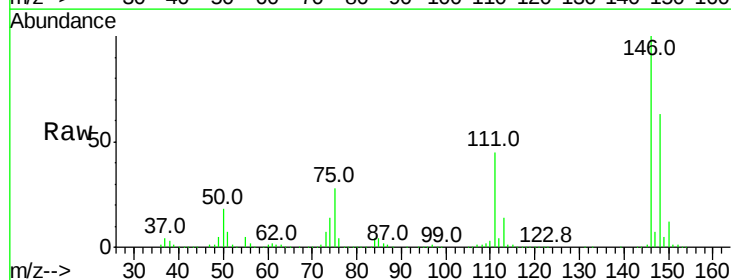
Tgt Ion:146 Resp: 425777

Ion Ratio Lower Upper

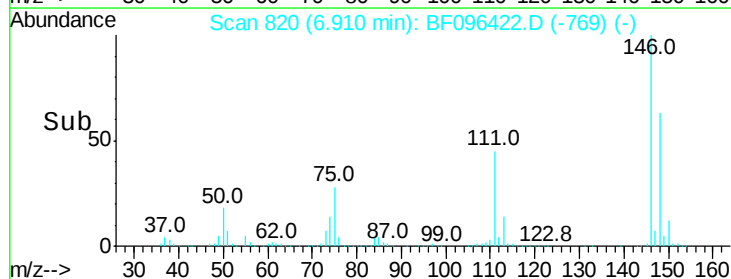
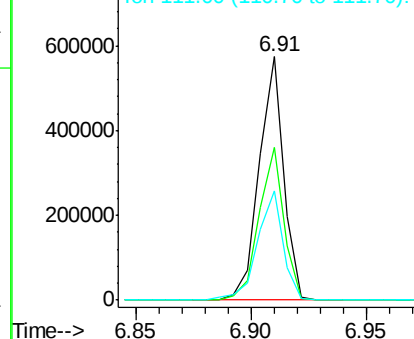
146 100

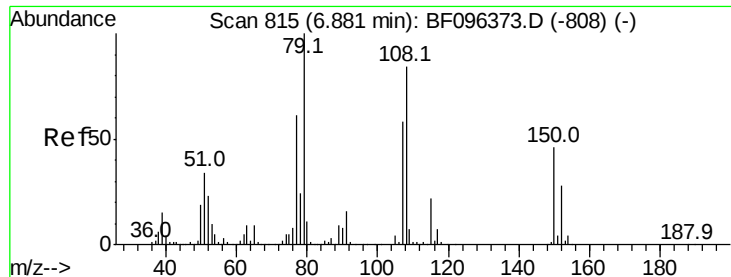
148 62.7 50.4 75.6

111 44.6 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 45.18 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

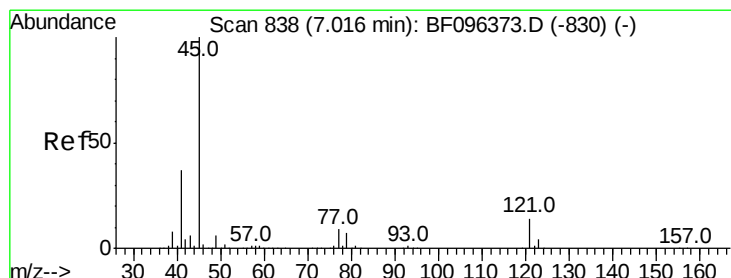
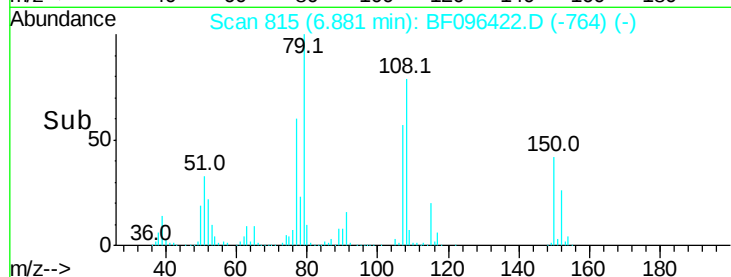
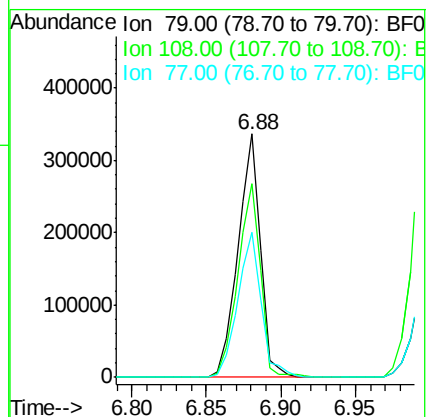
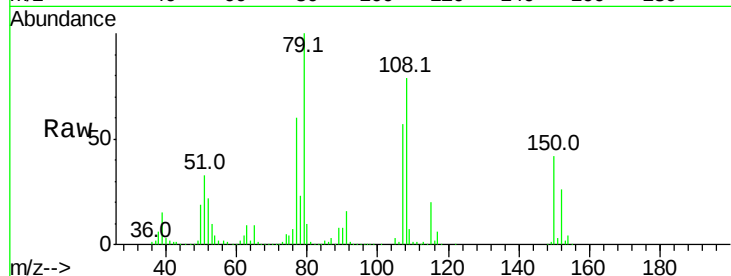
Tot Ion: 79 Resp: 354528

Ion Ratio Lower Upper

79 100

108 79.3 63.4 95.0

77 59.7 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.95 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

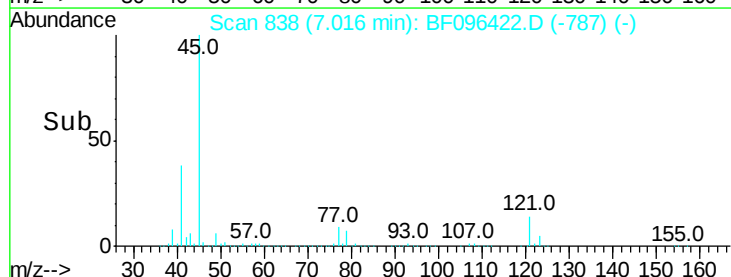
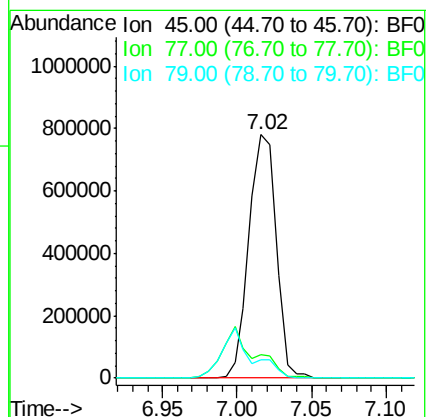
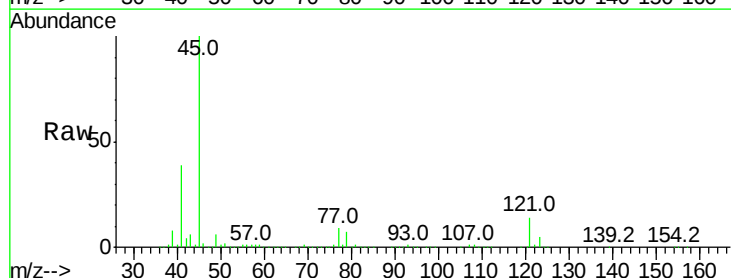
Tgt Ion: 45 Resp: 986400

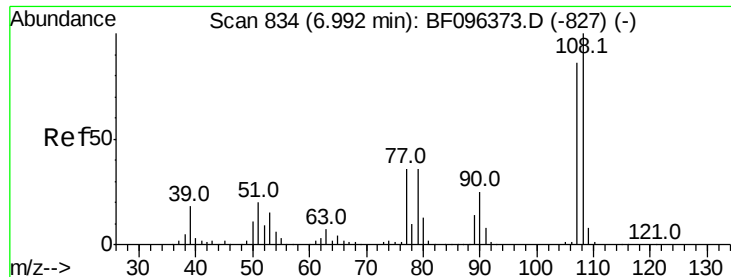
Ion Ratio Lower Upper

45 100

77 9.5 0.0 33.2

79 7.5 0.0 30.0





#17

2-Methylphenol

Concen: 47.12 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 382420

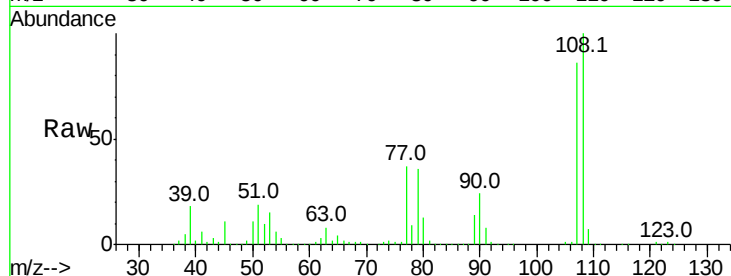
Ion Ratio Lower Upper

107 100

108 115.8 93.4 140.0

77 43.3 35.8 53.6

79 42.1 34.8 52.2

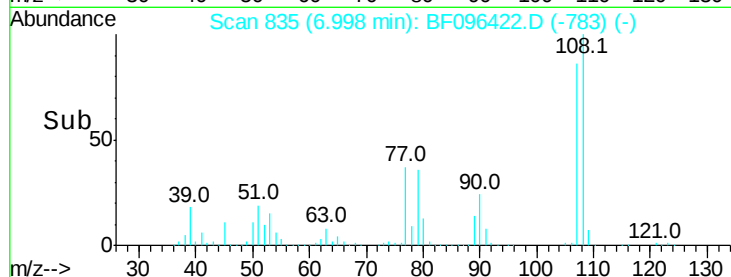


Abundance Ion 107.00 (106.70 to 107.70): E

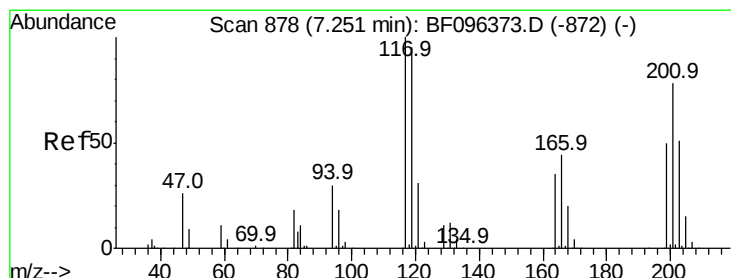
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 35.15 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

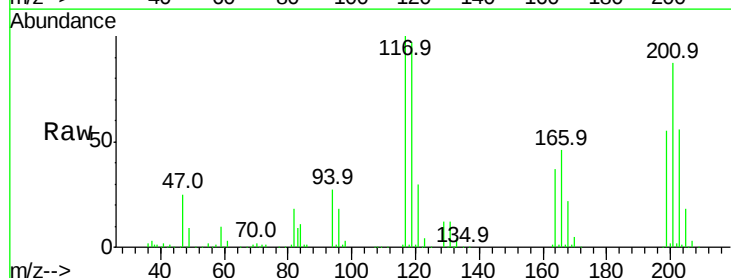
Tgt Ion:117 Resp: 135977

Ion Ratio Lower Upper

117 100

119 97.0 77.4 116.0

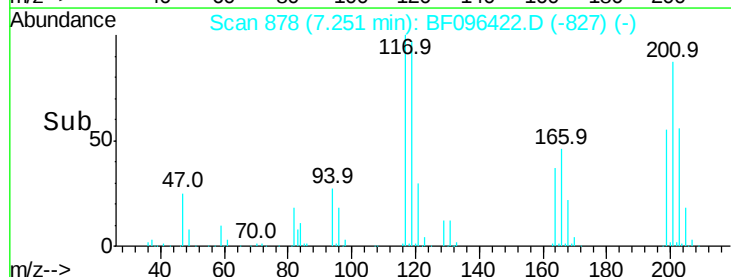
201 87.4 94.6 141.8#



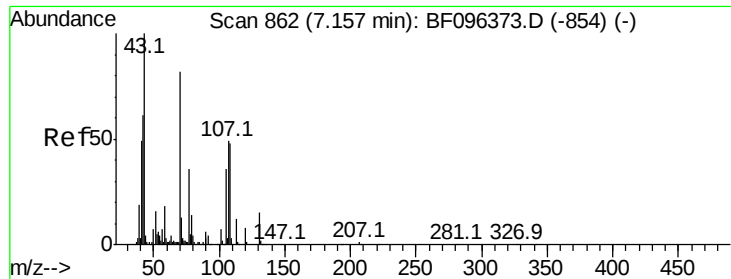
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



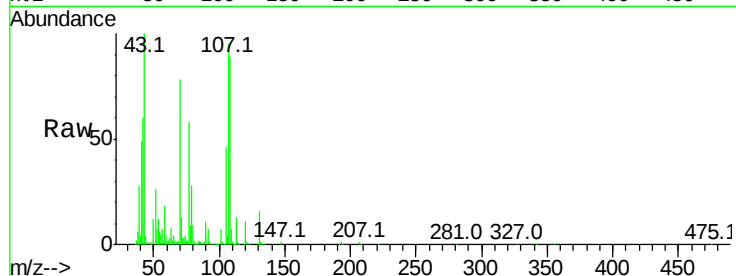
Time-->



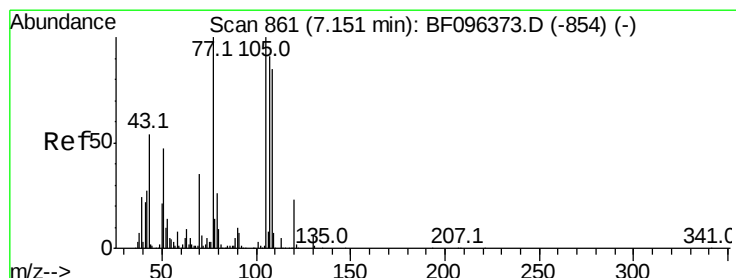
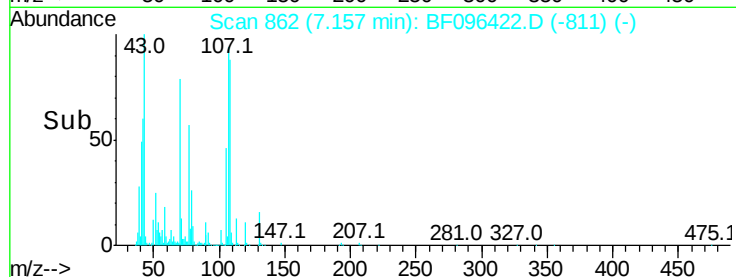
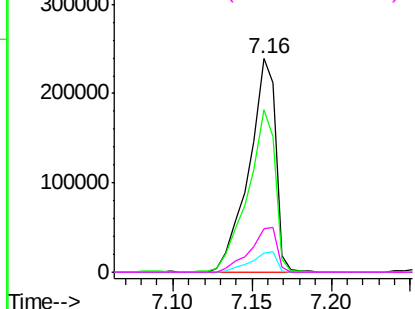
#19
n-Nitroso-di-n-propylamine
Concen: 39.90 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF096422.D
Acq: 2 Jul 2017 18:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 279013
Ion Ratio Lower Upper
70 100
42 75.9 47.2 70.8#
101 9.2 7.2 10.8
130 20.3 15.9 23.9

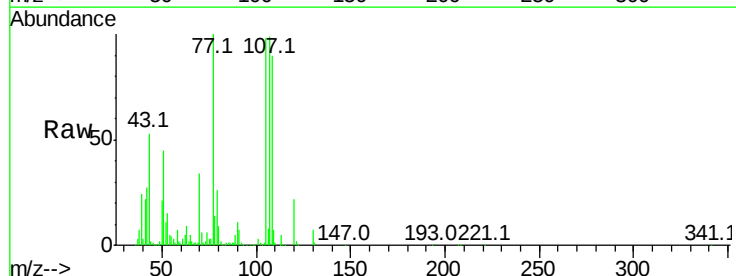


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

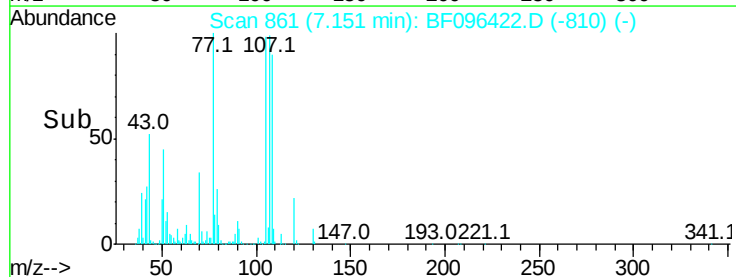
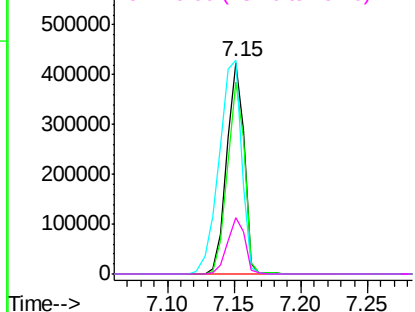


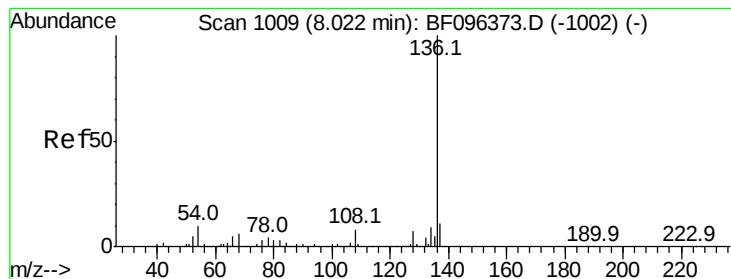
#20
3+4-Methylphenols
Concen: 43.39 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF096422.D
Acq: 2 Jul 2017 18:03

Tgt Ion:107 Resp: 392728
Ion Ratio Lower Upper
107 100
108 90.8 71.0 111.0
77 100.9 90.5 130.5
79 26.7 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 507648

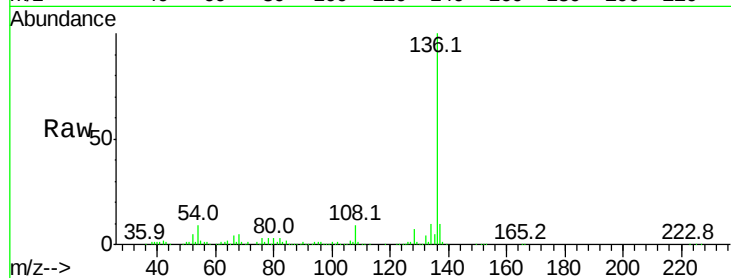
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 9.4 4.9 7.3#

68 5.0 4.1 6.1



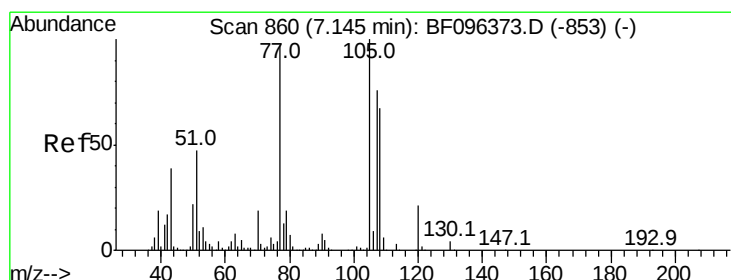
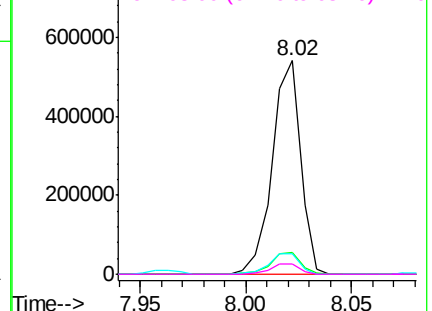
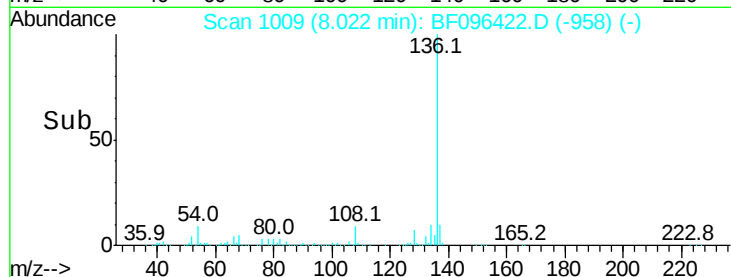
Abundance

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: 48.89 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Tgt Ion:105 Resp: 542313

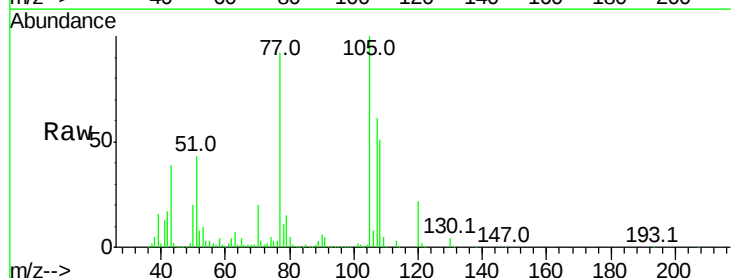
Ion Ratio Lower Upper

105 100

71 3.3 2.8 4.2

51 42.9 30.7 46.1

120 21.8 17.4 26.0



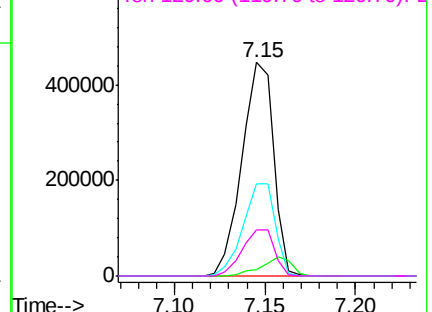
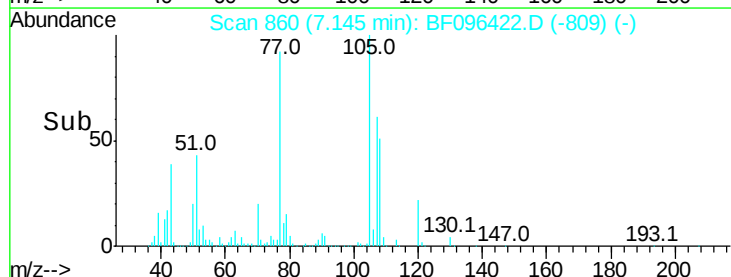
Abundance

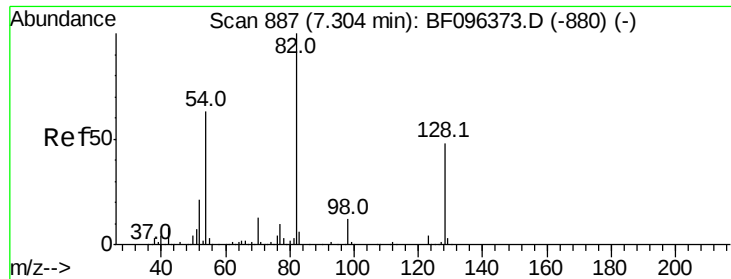
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

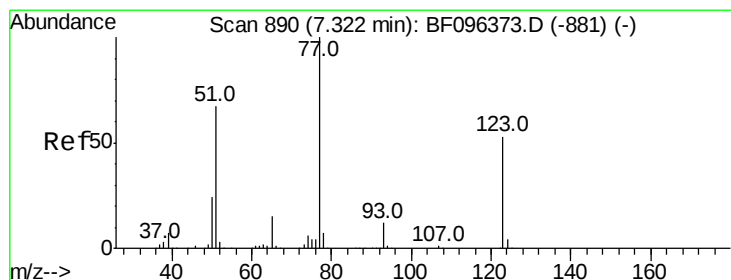
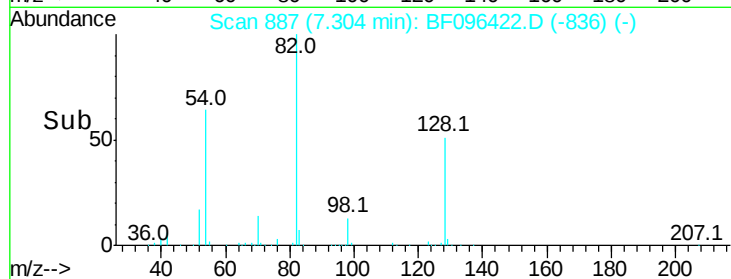
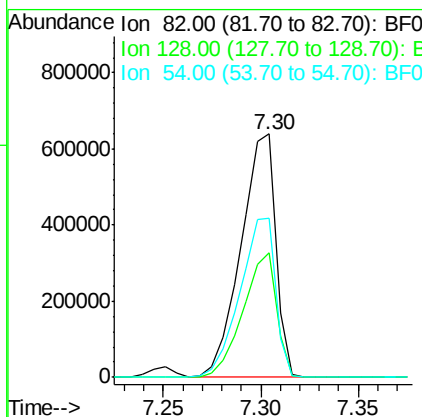
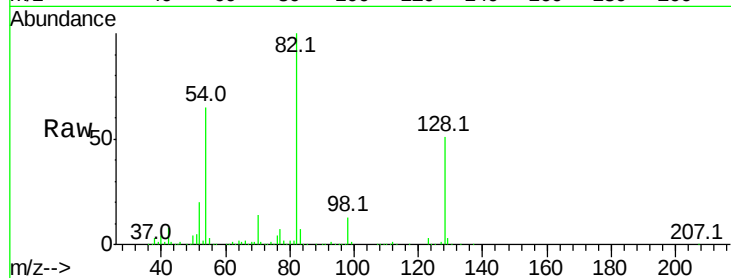




#23
Nitrobenzene-d5
Concen: 93.70 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF096422.D
Acq: 2 Jul 2017 18:03

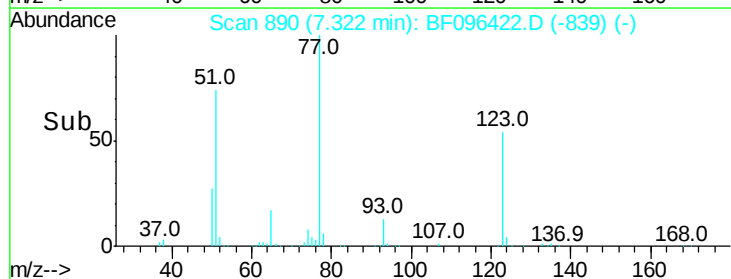
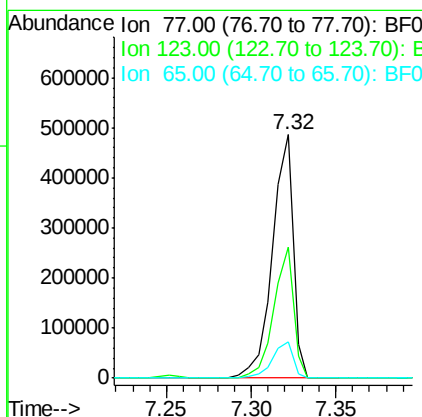
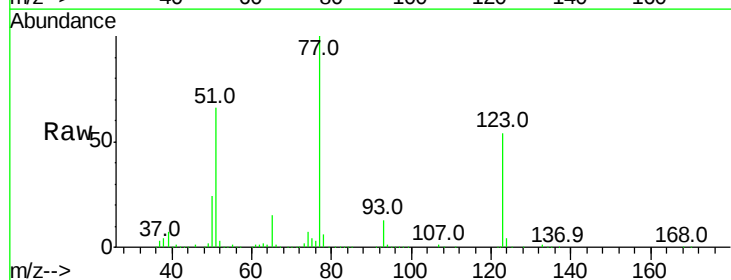
Instrument :
BNA_F
ClientSampled :

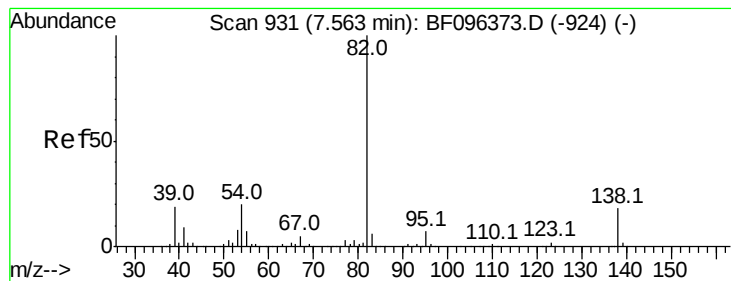
Tot Ion: 82 Resp: 791542
Ion Ratio Lower Upper
82 100
128 51.1 34.0 51.0#
54 65.4 42.2 63.2#



#24
Nitrobenzene
Concen: 46.67 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF096422.D
Acq: 2 Jul 2017 18:03

Tgt Ion: 77 Resp: 413592
Ion Ratio Lower Upper
77 100
123 53.8 35.8 53.8#
65 14.8 10.6 15.8





#25

Isophorone

Concen: 45.64 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

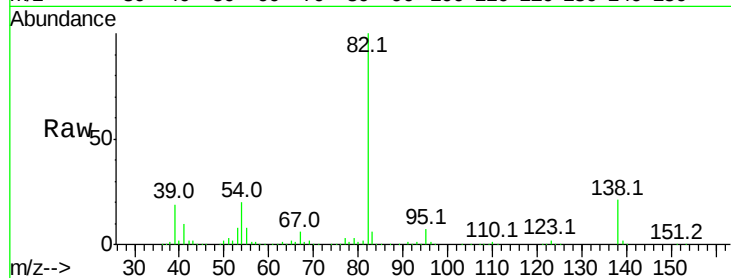
Tot Ion: 82 Resp: 747610

Ion Ratio Lower Upper

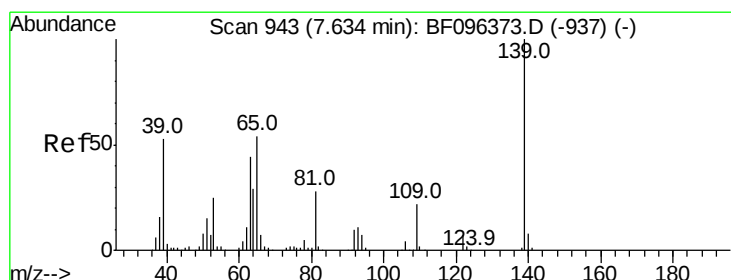
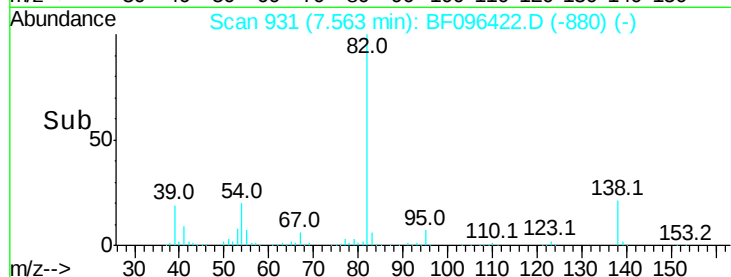
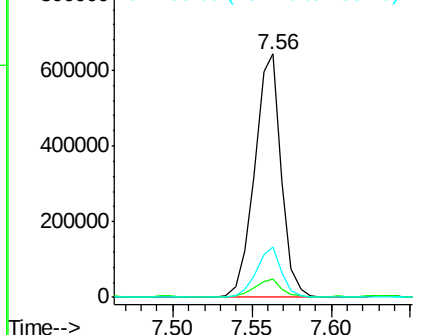
82 100

95 7.3 5.3 7.9

138 20.5 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 45.92 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

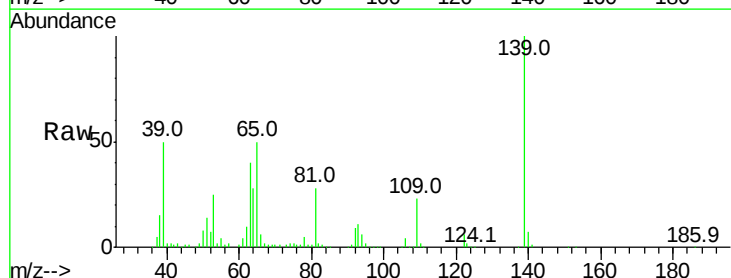
Tgt Ion:139 Resp: 215392

Ion Ratio Lower Upper

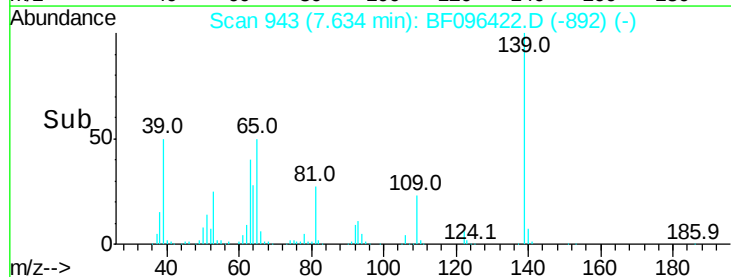
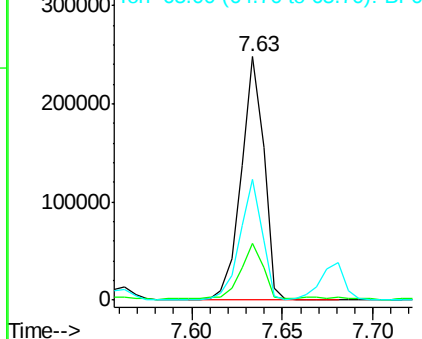
139 100

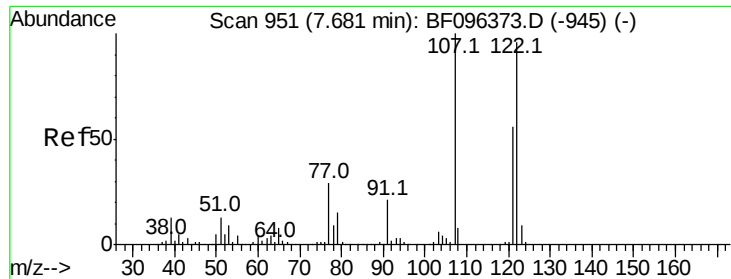
109 23.1 21.0 31.6

65 49.6 33.0 49.6#



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





#27

2,4-Dimethylphenol

Concen: 46.48 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampled :

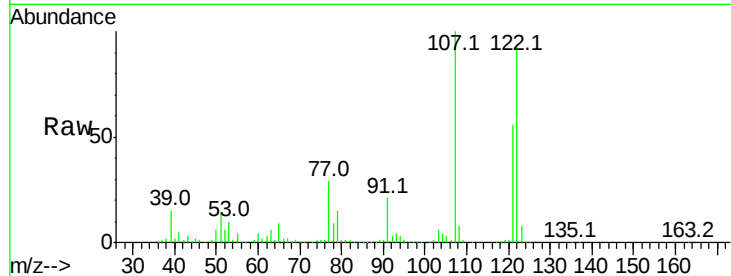
Tot Ion:122 Resp: 371277

Ion Ratio Lower Upper

122 100

107 106.3 89.2 133.8

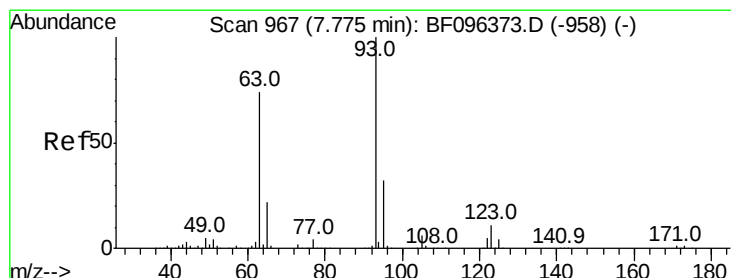
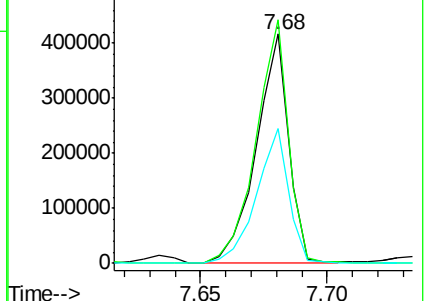
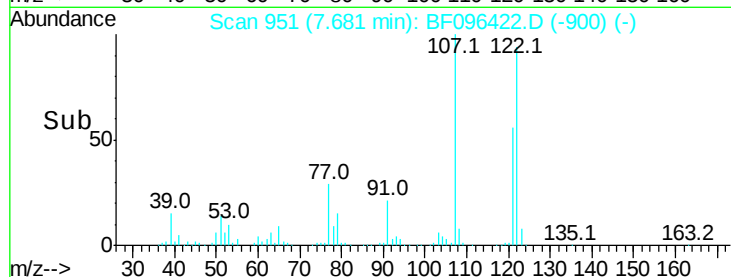
121 59.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.94 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

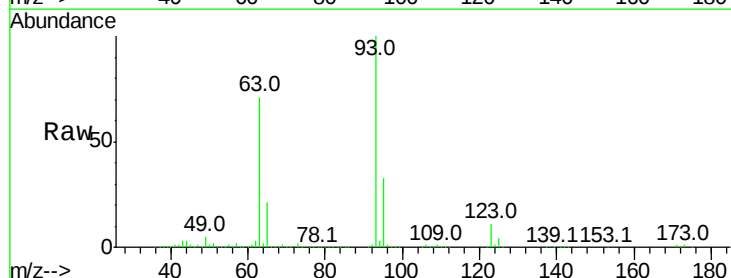
Tgt Ion: 93 Resp: 518309

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

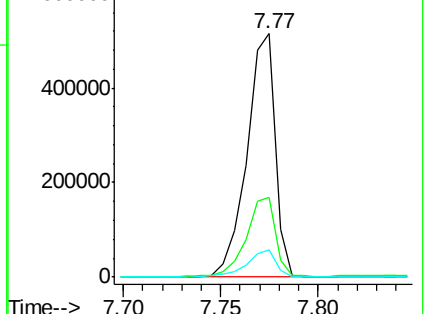
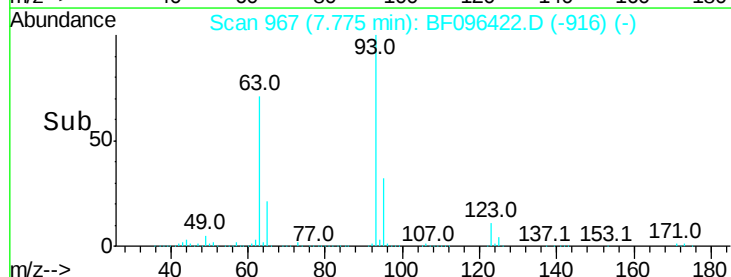
123 11.2 9.0 13.4

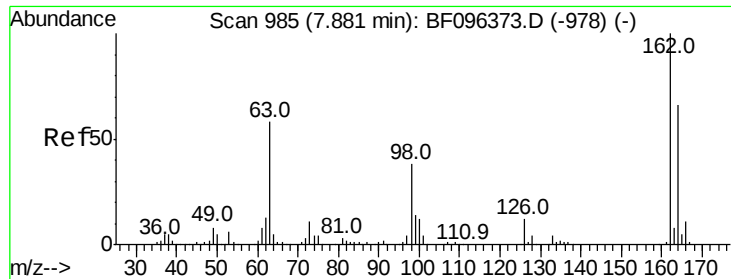


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

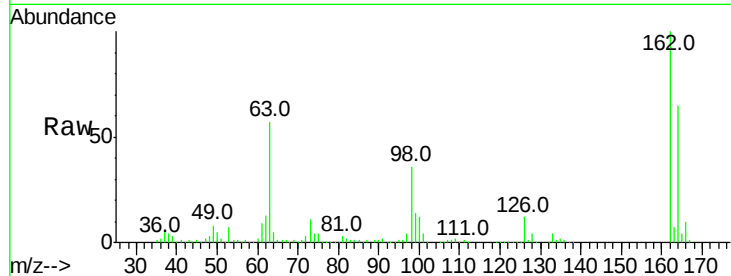




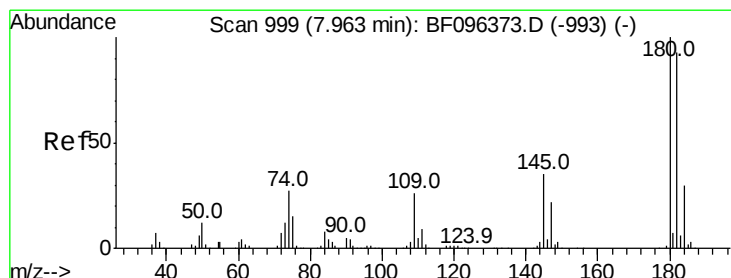
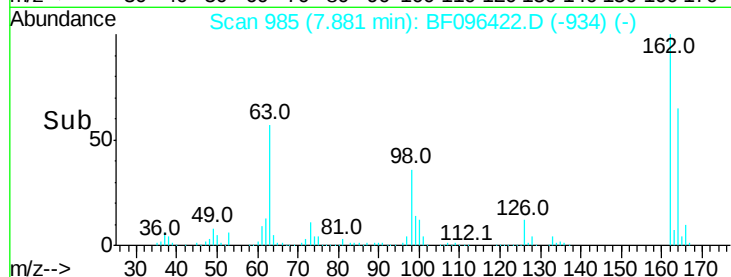
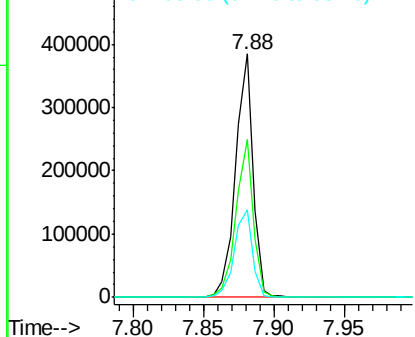
#29
 2,4-Dichlorophenol
 Concen: 48.28 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.6	84.6
98	36.0	14.8	54.8

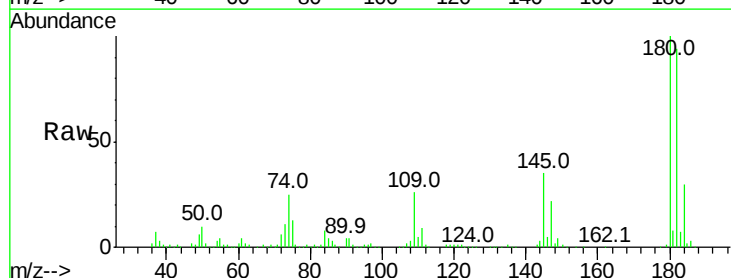


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

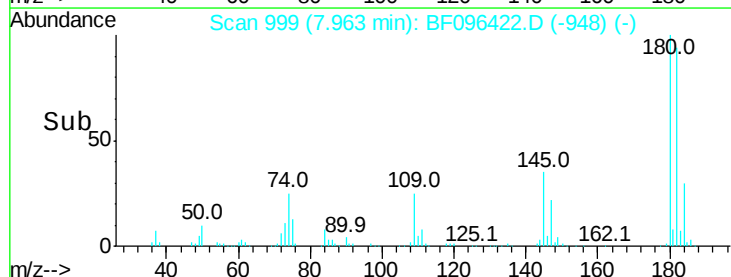
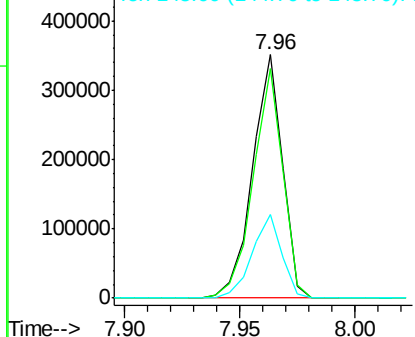


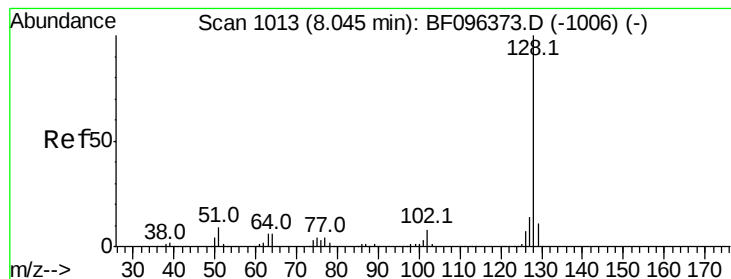
#30
 1,2,4-Trichlorobenzene
 Concen: 48.82 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.6
145	34.5	25.3	37.9



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





#31

Naphthalene

Concen: 47.74 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

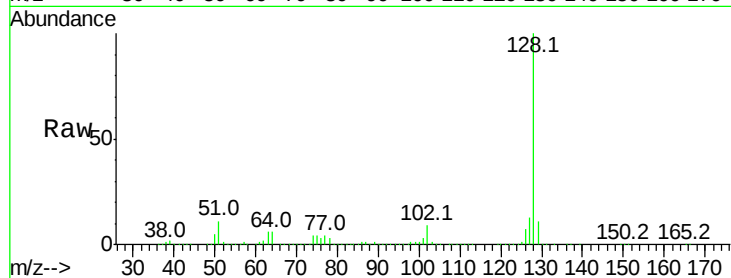
Tot Ion:128 Resp: 1144035

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

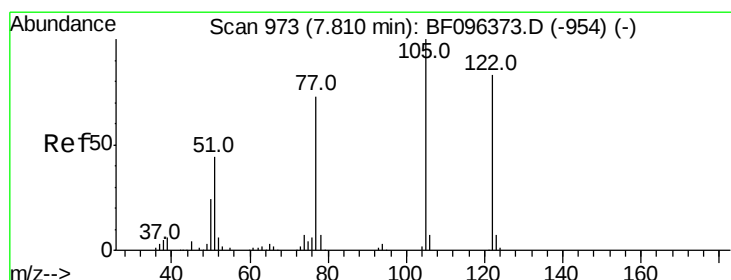
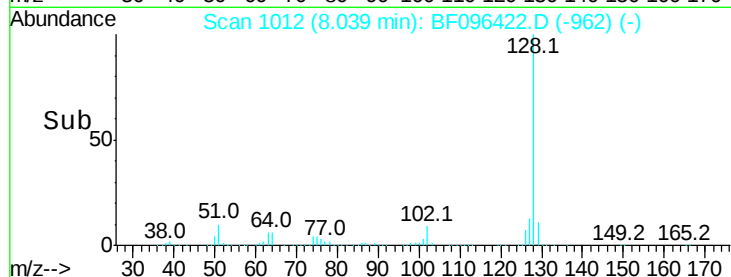
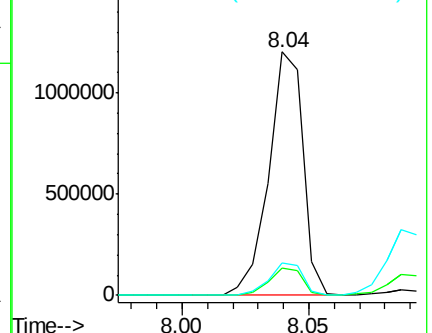
127 13.4 10.8 16.2



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: 6.67 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.05 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

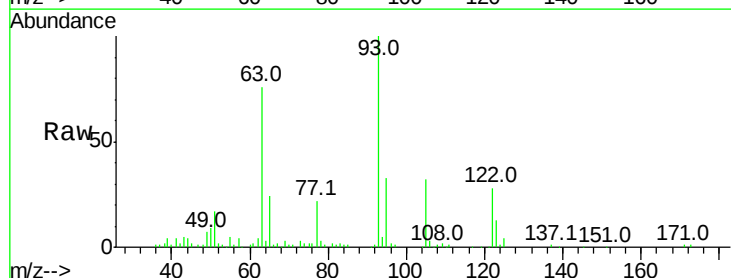
Tgt Ion:122 Resp: 44755

Ion Ratio Lower Upper

122 100

105 116.1 103.3 143.3

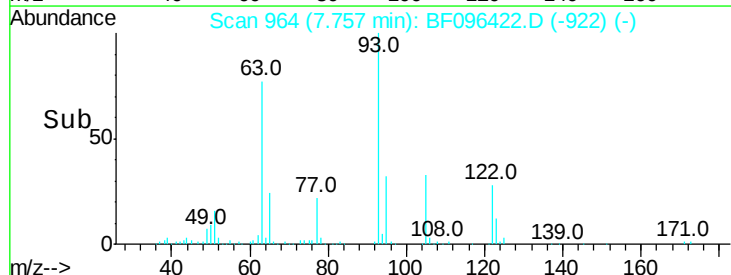
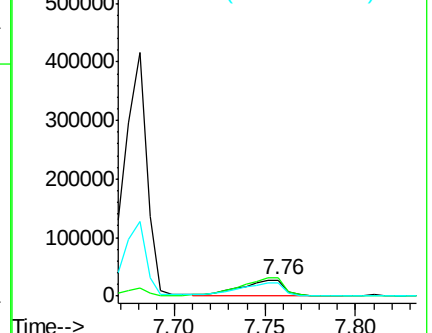
77 80.7 73.7 113.7

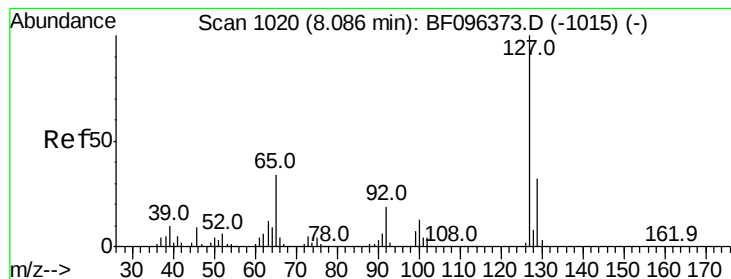


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 35.64 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 354821

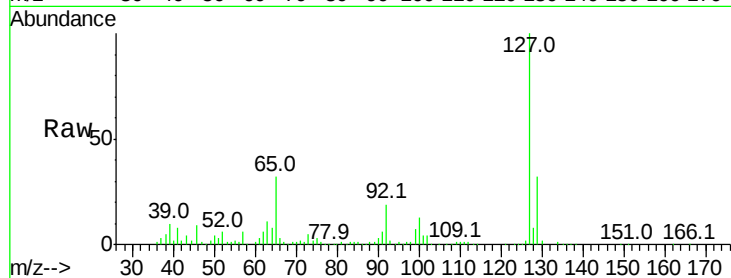
Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.2

65 32.5 27.8 41.8

92 19.2 16.8 25.2

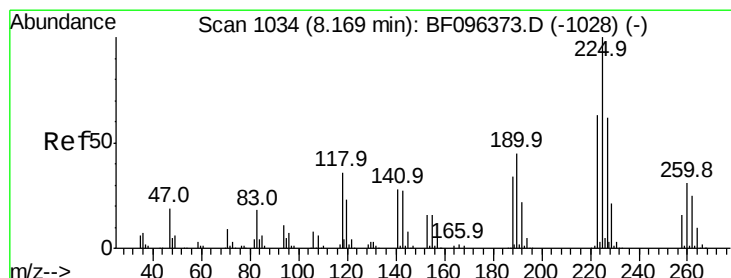
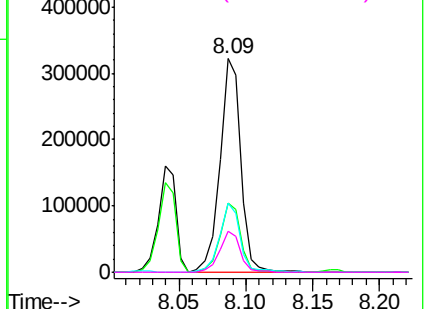
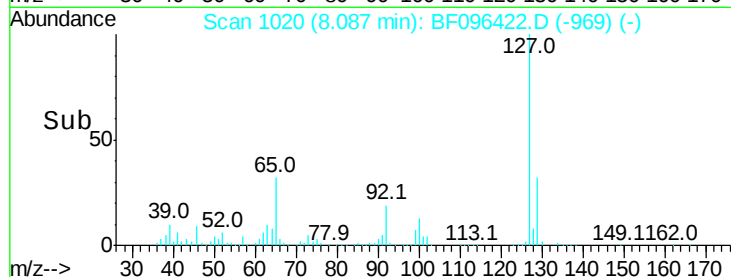


Abundance Ion 127.00 (126.70 to 127.70): E

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: 48.51 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

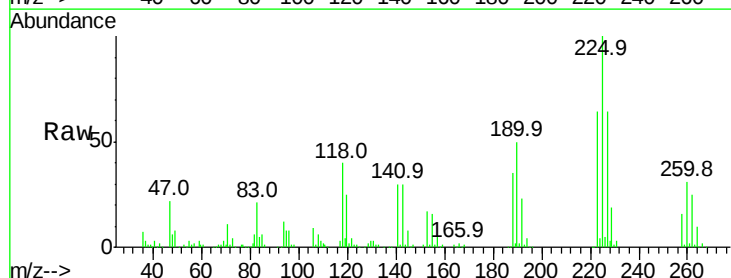
Tgt Ion:225 Resp: 161731

Ion Ratio Lower Upper

225 100

223 63.9 48.8 73.2

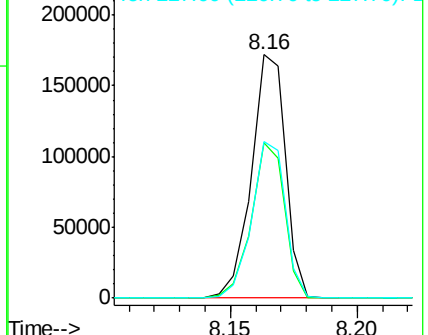
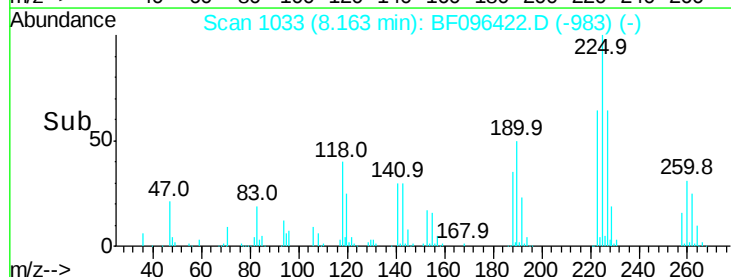
227 64.5 51.1 76.7

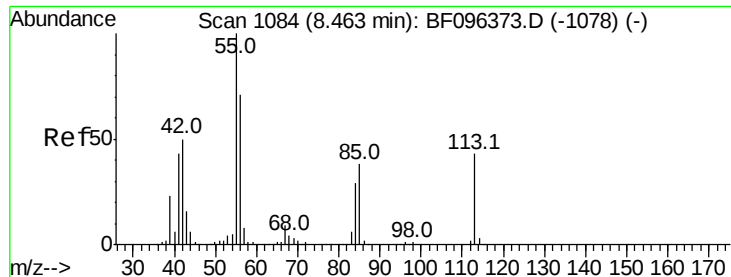


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

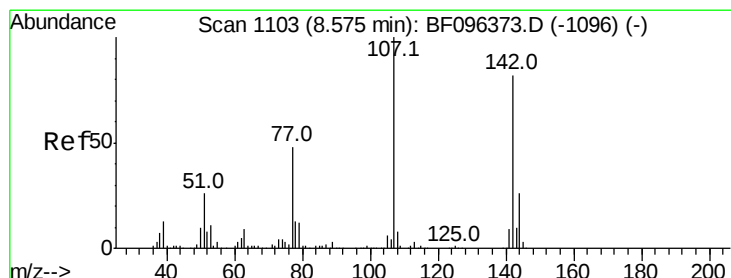
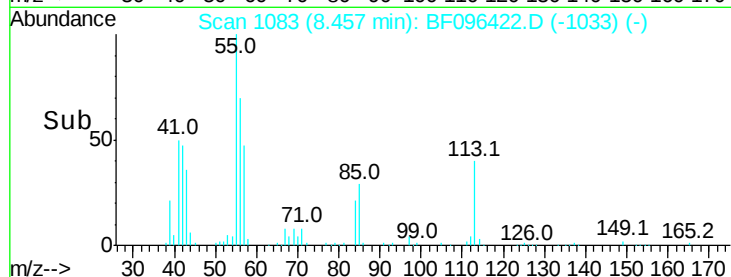
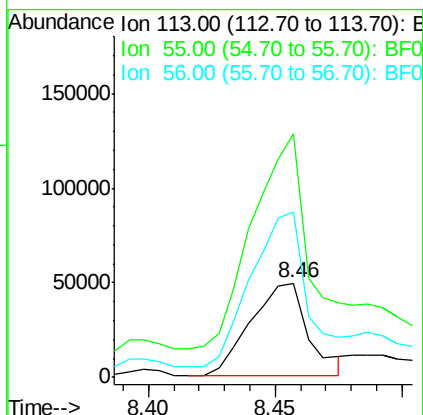
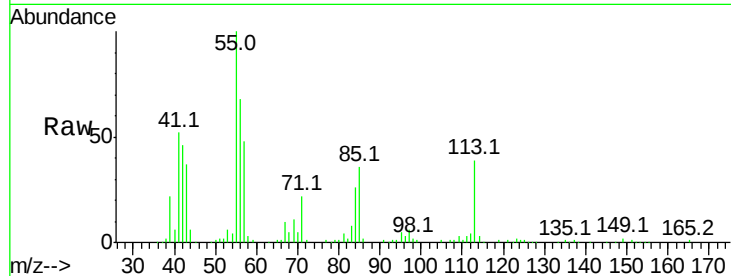




#35
 Caprolactam
 Concen: 32.46 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

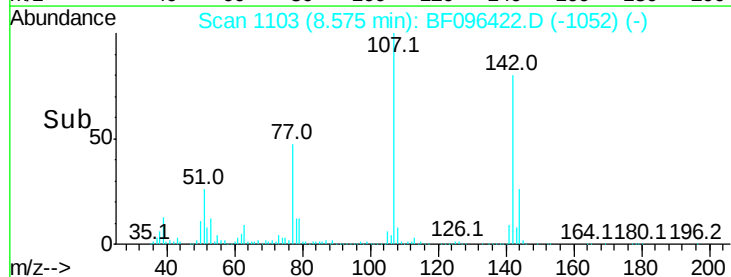
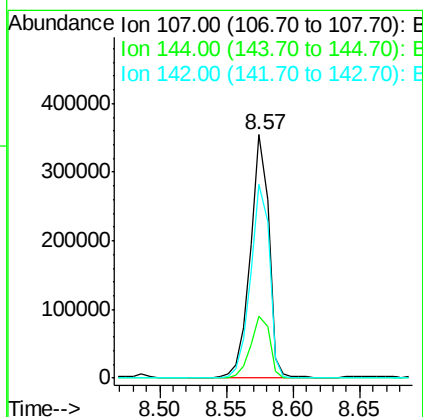
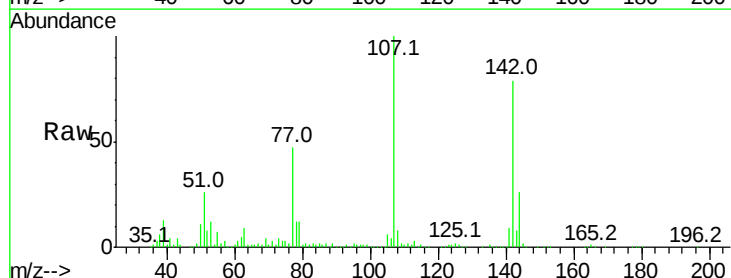
Instrument :
 BNA_F
 ClientSampled :

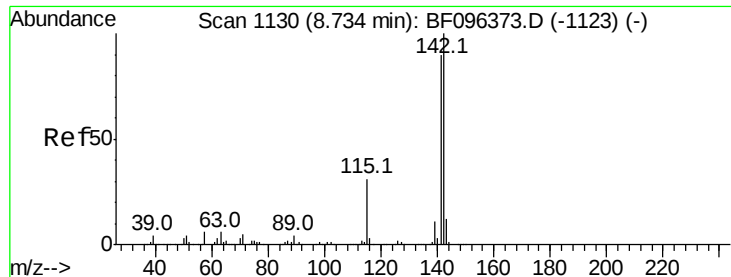
Tot Ion:113 Resp: 77129
 Ion Ratio Lower Upper
 113 100
 55 258.0 150.2 190.2#
 56 175.1 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 43.88 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Tgt Ion:107 Resp: 334566
 Ion Ratio Lower Upper
 107 100
 144 25.6 24.2 36.4
 142 79.4 73.4 110.0

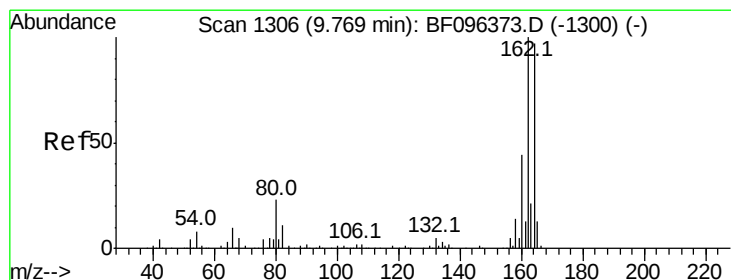
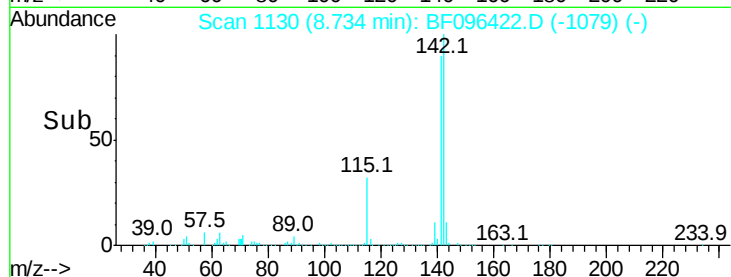
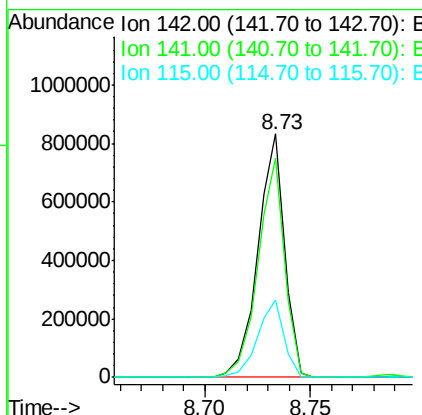
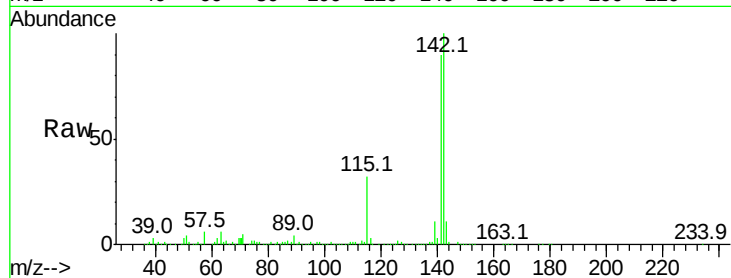




#37
2-Methylnaphthalene
Concen: 48.08 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF096422.D
Acq: 2 Jul 2017 18:03

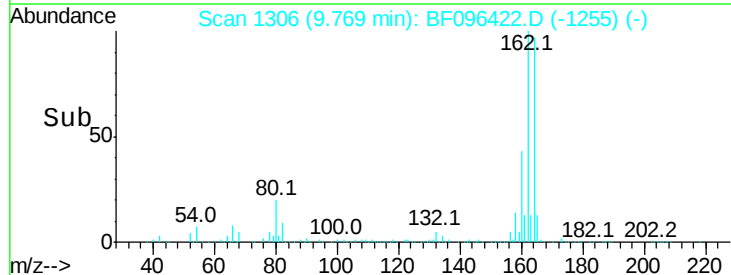
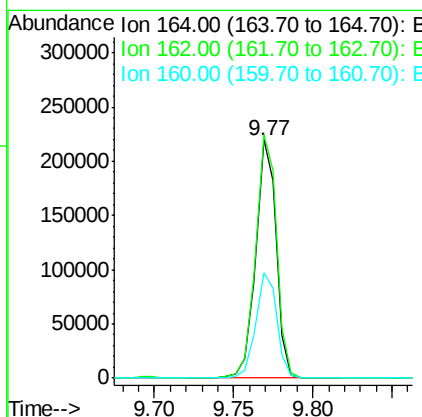
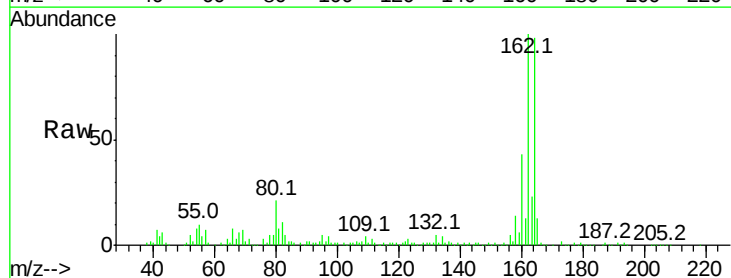
Instrument :
BNA_F
ClientSampled :

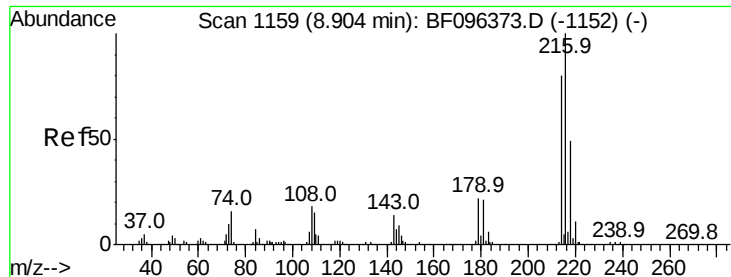
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9
115	32.0	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF096422.D
Acq: 2 Jul 2017 18:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	44.0	36.2	54.2

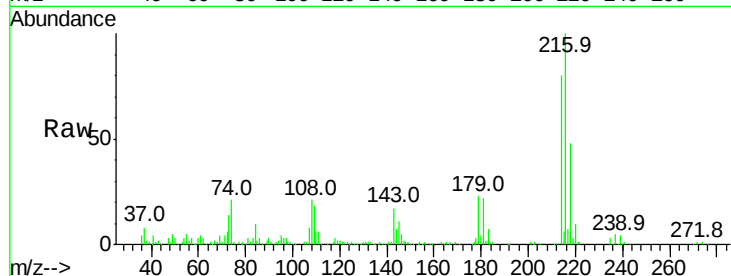




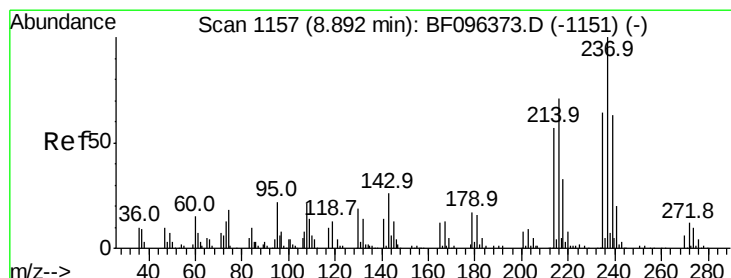
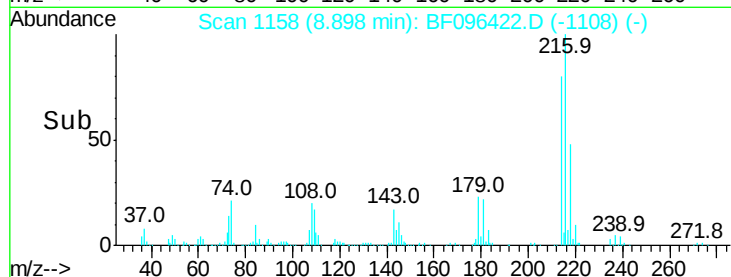
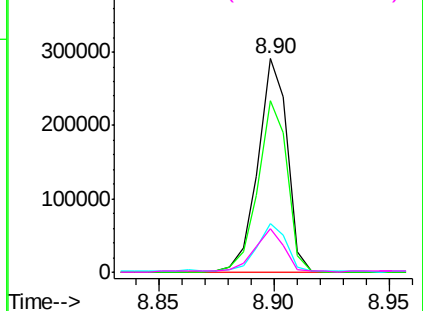
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.37 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	258680
Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.4	95.2
179	22.8	17.9	26.9
108	20.8	16.5	24.7

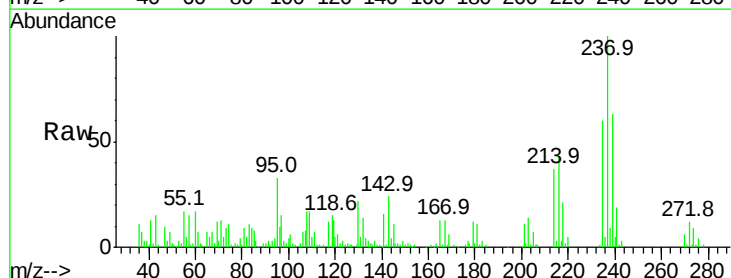


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

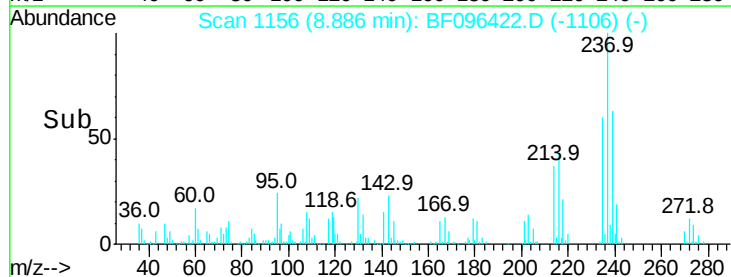
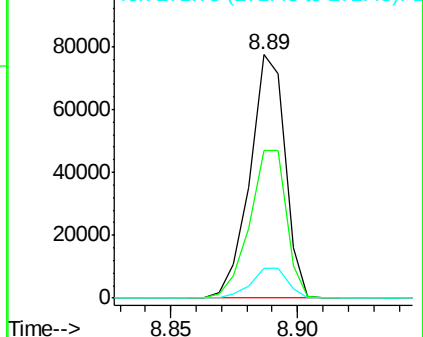


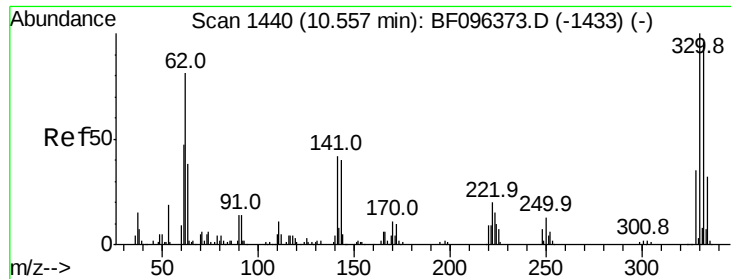
#40
 Hexachlorocyclopentadiene
 Concen: 30.13 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Tgt Ion:	237	Resp:	75233
Ion	Ratio	Lower	Upper
237	100		
235	60.4	42.6	82.6
272	12.1	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

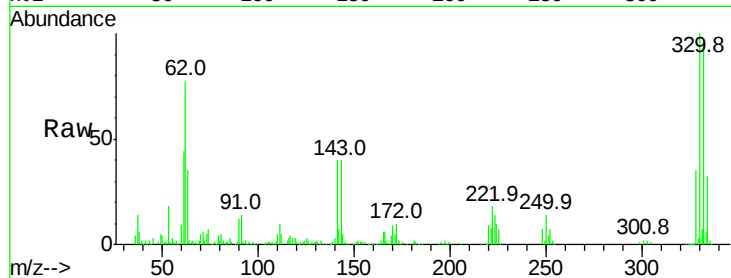




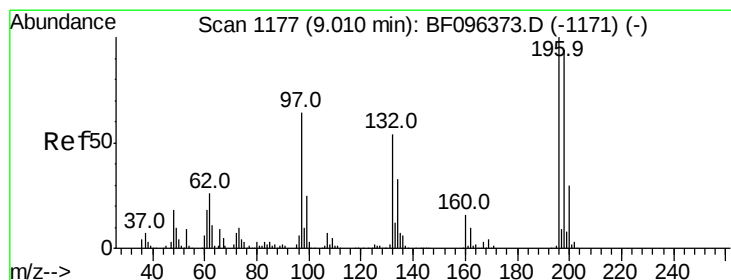
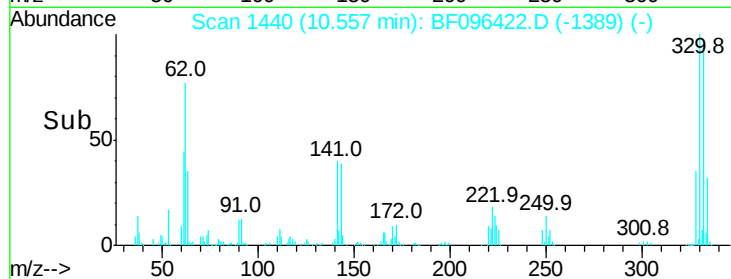
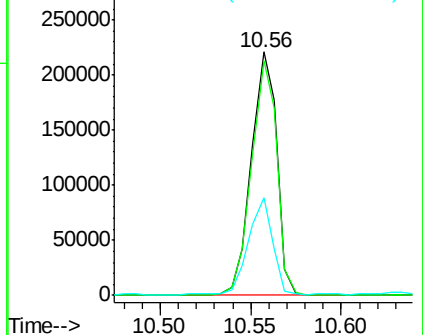
#41
 2,4,6-Tribromophenol
 Concen: 140.11 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 216461
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 38.1 31.4 47.2

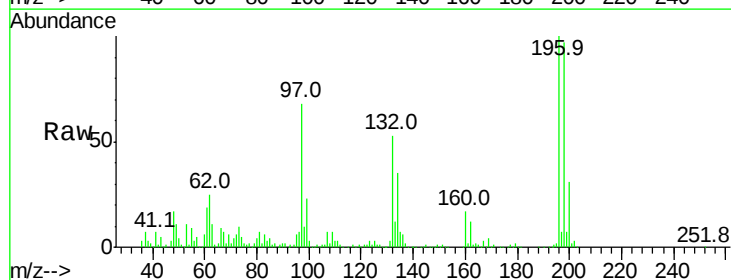


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

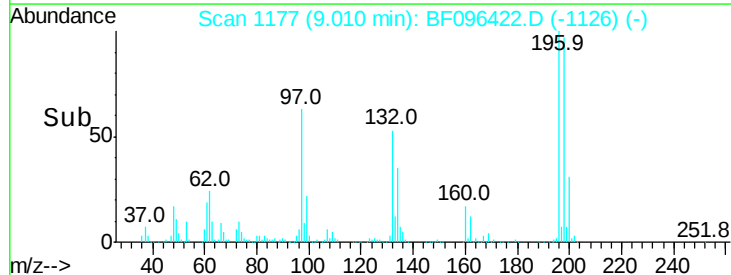
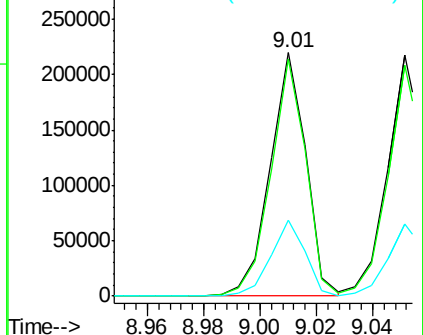


#42
 2,4,6-Trichlorophenol
 Concen: 47.59 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Tgt Ion:196 Resp: 193324
 Ion Ratio Lower Upper
 196 100
 198 97.3 74.2 111.4
 200 31.0 24.0 36.0



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

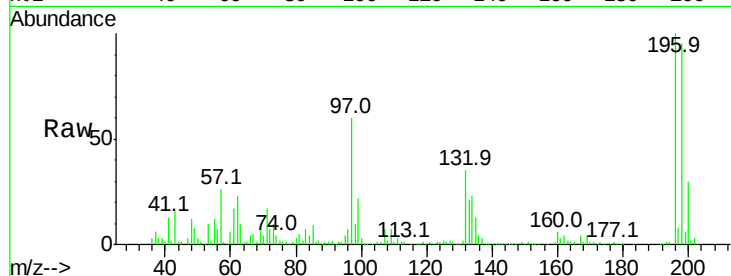




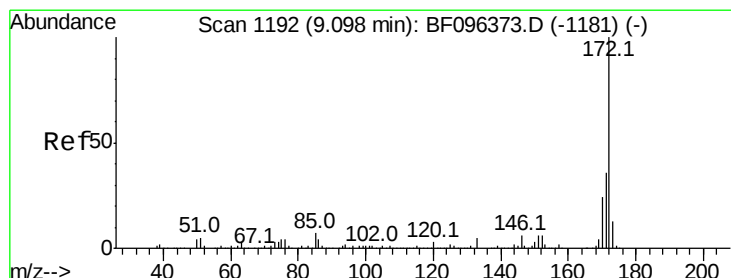
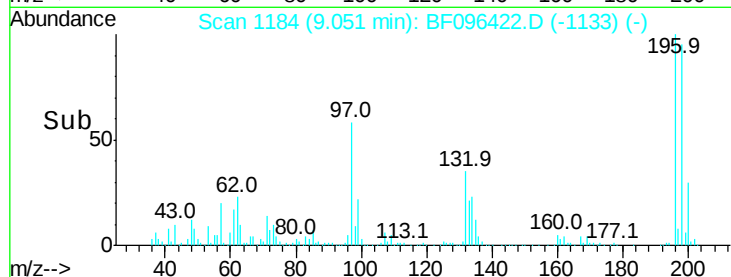
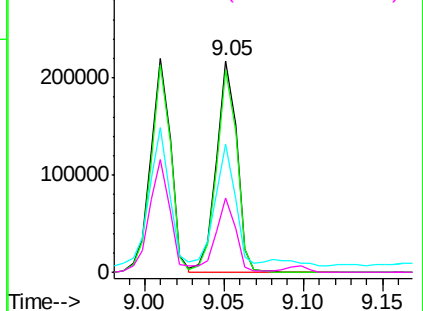
#43
 2,4,5-Trichlorophenol
 Concen: 48.86 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 196272
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 97 60.2 47.7 71.5
 132 34.9 28.0 42.0

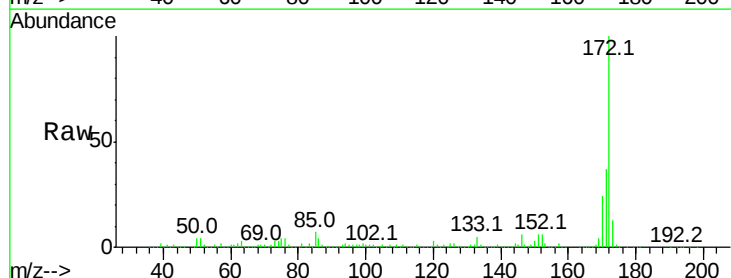


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

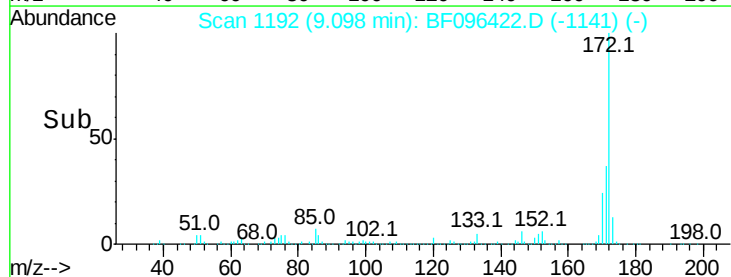
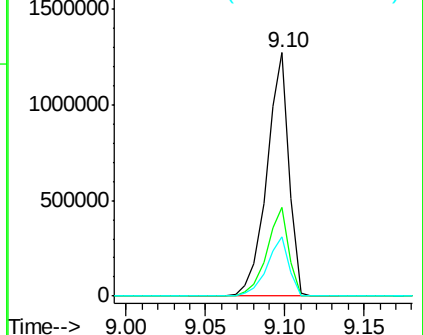


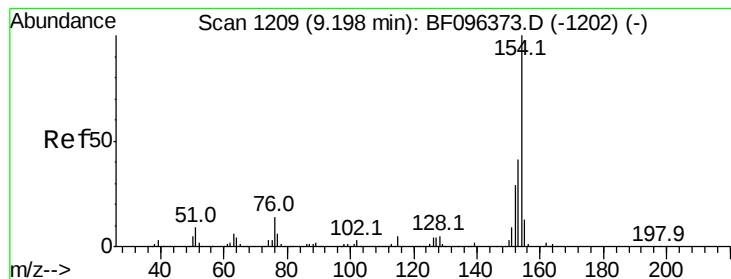
#44
 2-Fluorobiphenyl
 Concen: 107.14 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Tgt Ion:172 Resp: 1239373
 Ion Ratio Lower Upper
 172 100
 171 36.5 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: 46.33 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

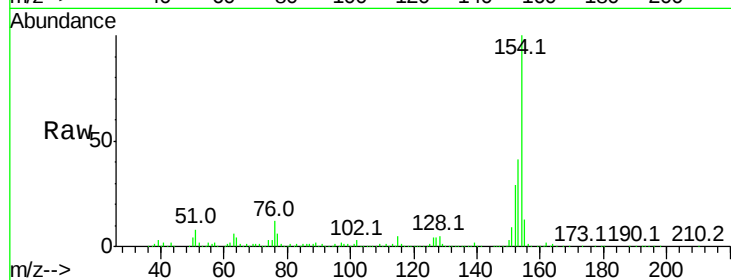
Tot Ion:154 Resp: 785105

Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

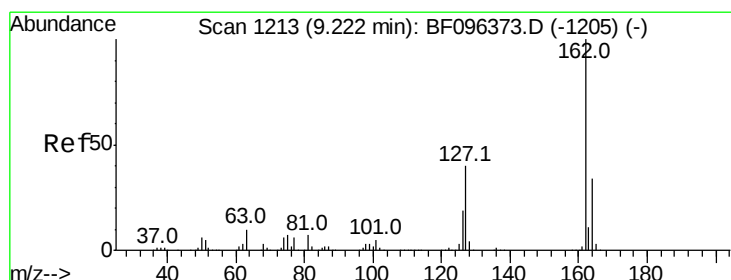
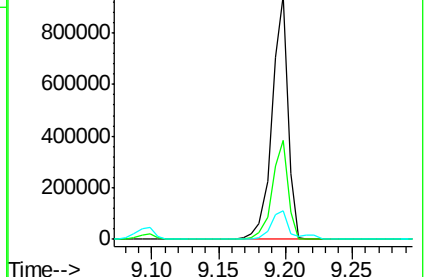
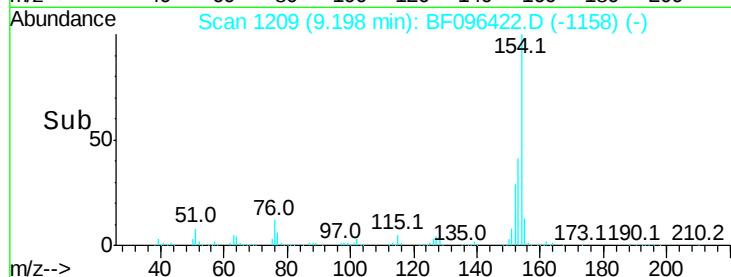
76 11.8 0.0 29.9



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: 48.61 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

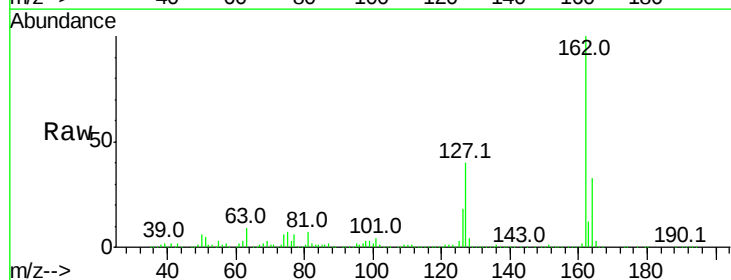
Tgt Ion:162 Resp: 613875

Ion Ratio Lower Upper

162 100

127 40.0 28.3 42.5

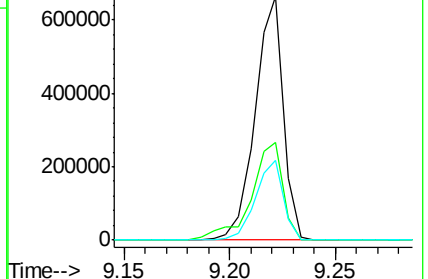
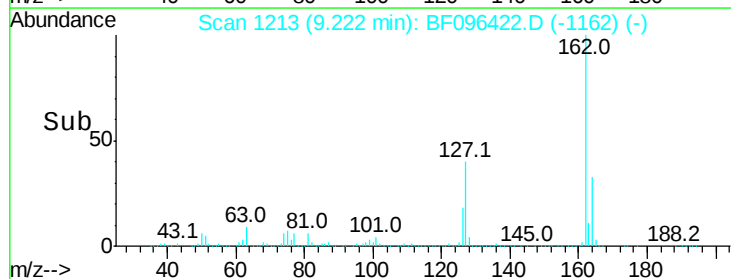
164 33.0 27.0 40.4

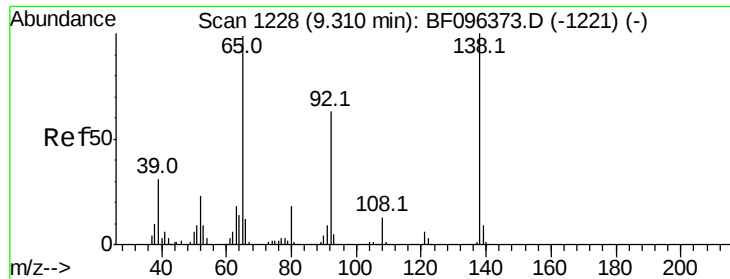


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

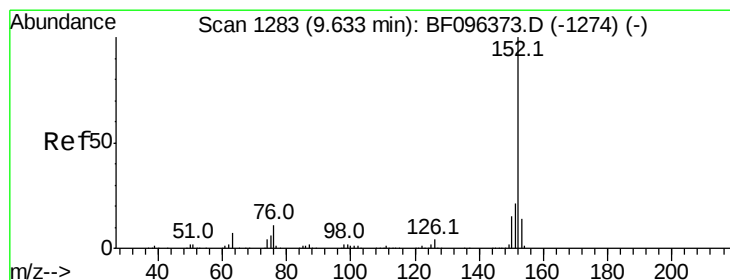
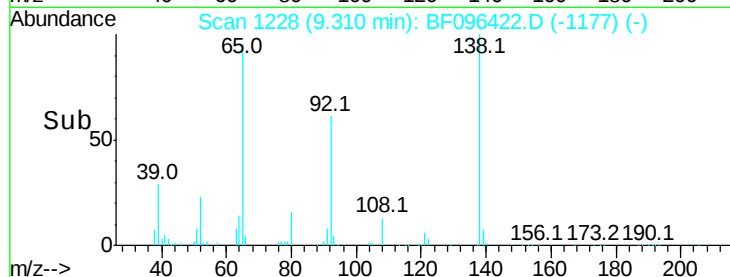
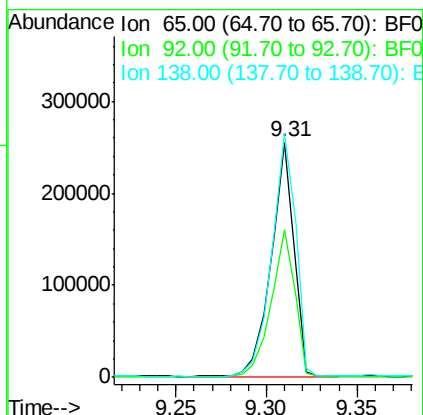
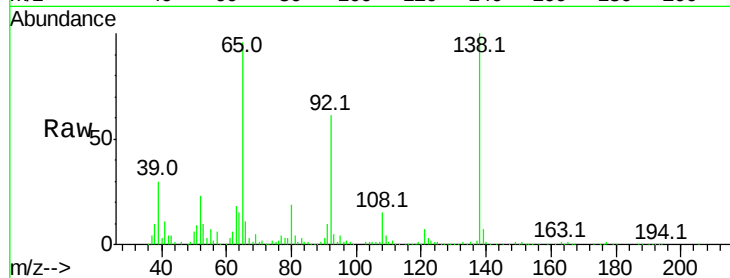




#47
2-Nitroaniline
Concen: 48.00 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF096422.D
Acq: 2 Jul 2017 18:03

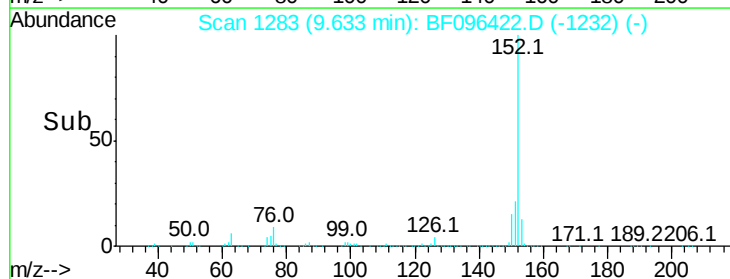
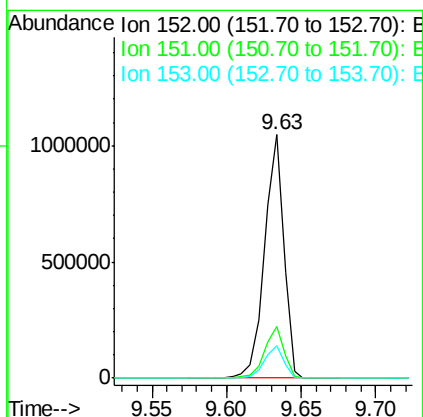
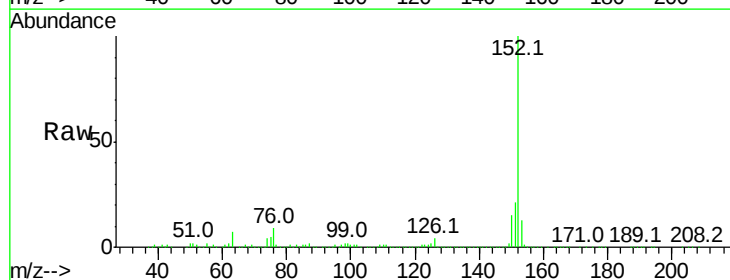
Instrument :
BNA_F
ClientSampleId :

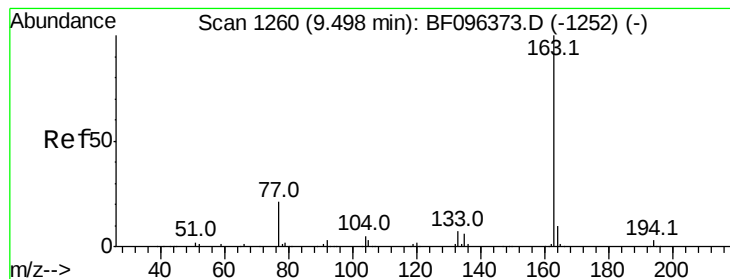
Tot Ion: 65 Resp: 220582
Ion Ratio Lower Upper
65 100
92 63.1 53.9 80.9
138 103.8 78.8 118.2



#48
Acenaphthylene
Concen: 45.97 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF096422.D
Acq: 2 Jul 2017 18:03

Tgt Ion: 152 Resp: 919921
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2
153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 64.33 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

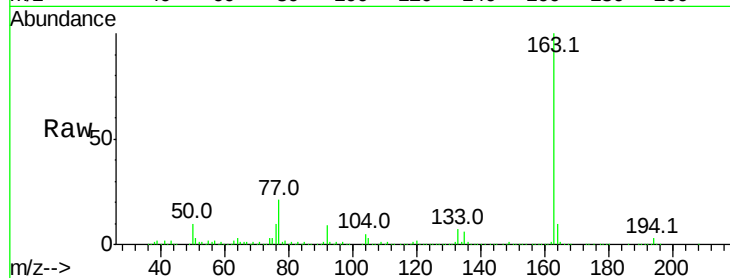
Tot Ion:163 Resp: 949811

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

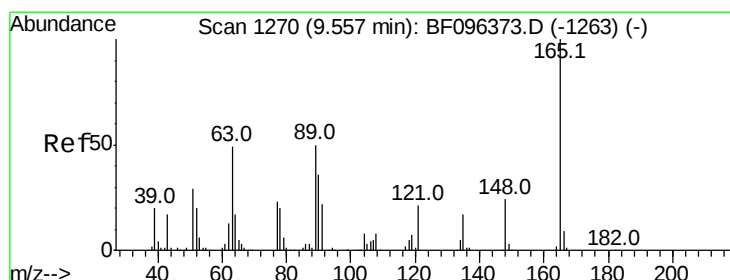
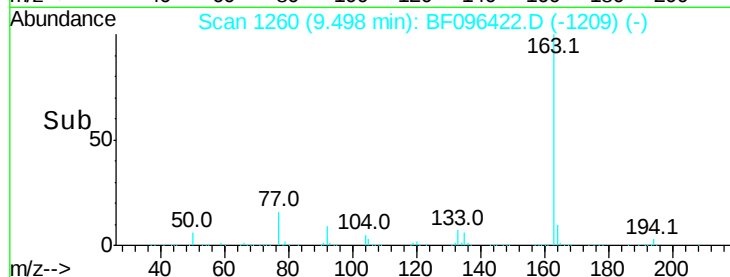
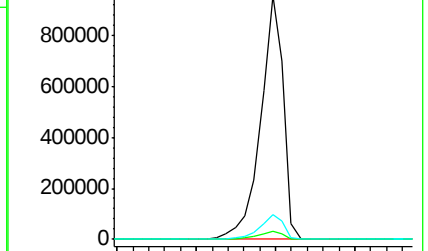
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.24 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

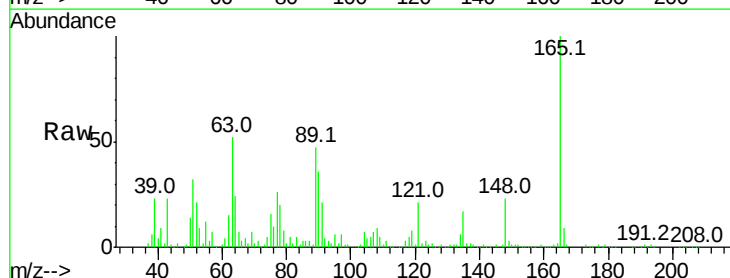
Tgt Ion:165 Resp: 154255

Ion Ratio Lower Upper

165 100

63 52.4 34.3 51.5#

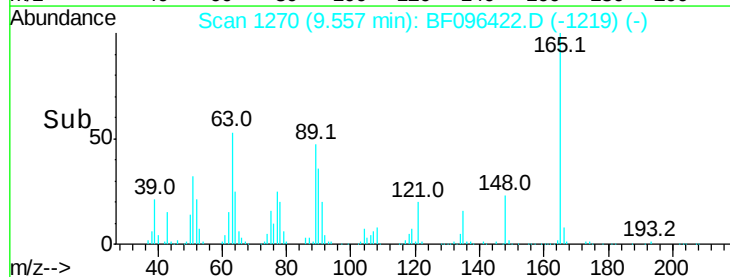
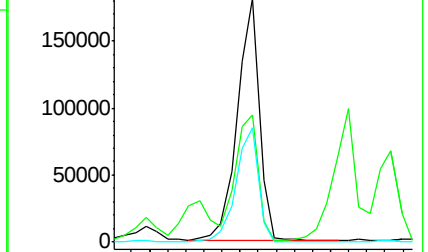
89 46.8 37.1 55.7

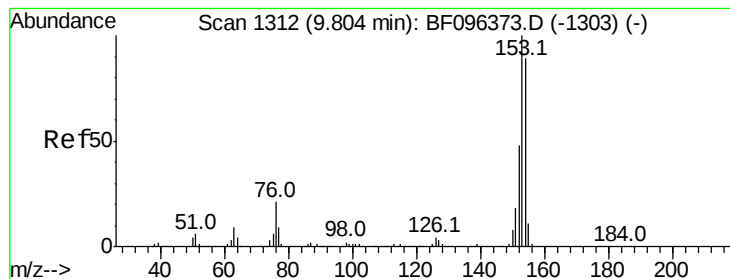


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.16 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

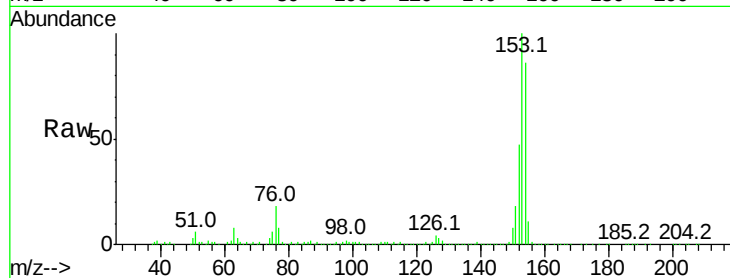
Tot Ion:154 Resp: 544698

Ion Ratio Lower Upper

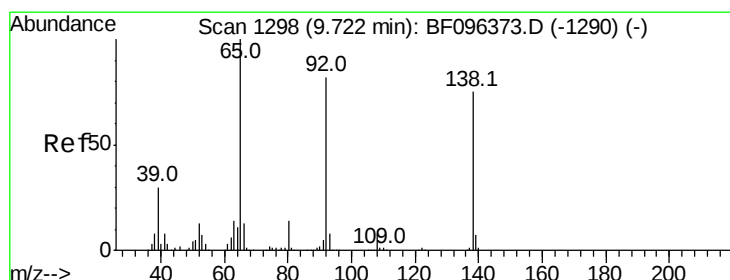
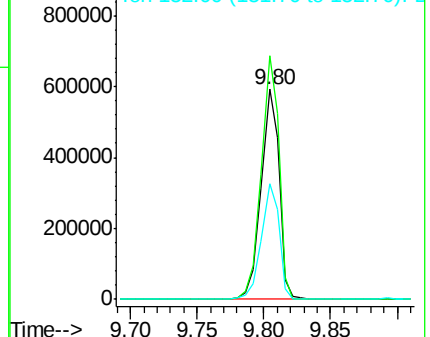
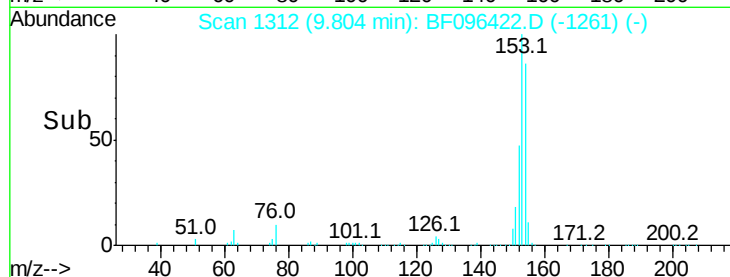
154 100

153 116.1 90.5 135.7

152 55.0 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: 40.32 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

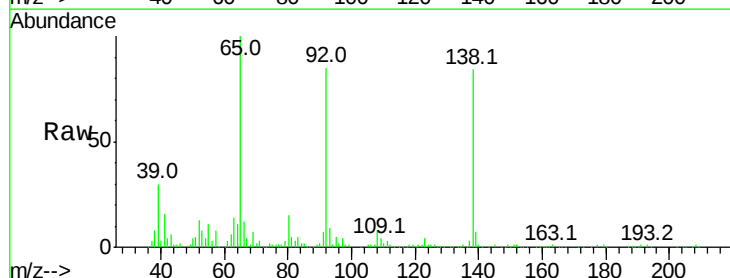
Tgt Ion:138 Resp: 164191

Ion Ratio Lower Upper

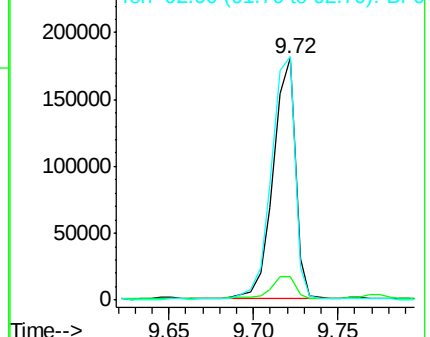
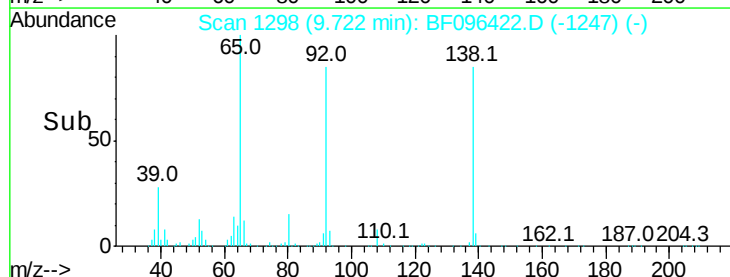
138 100

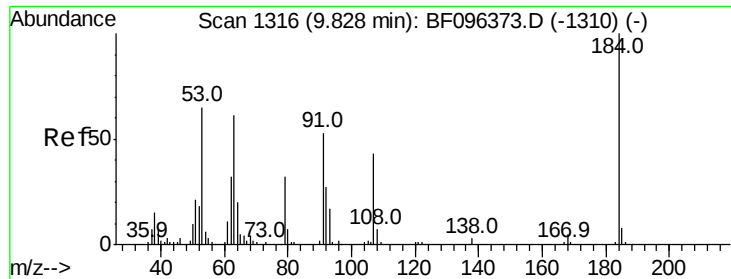
108 9.8 9.1 13.7

92 100.6 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

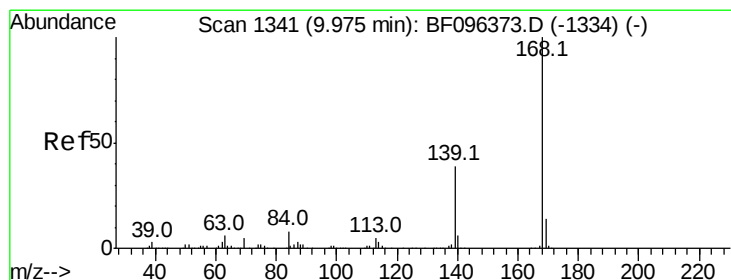
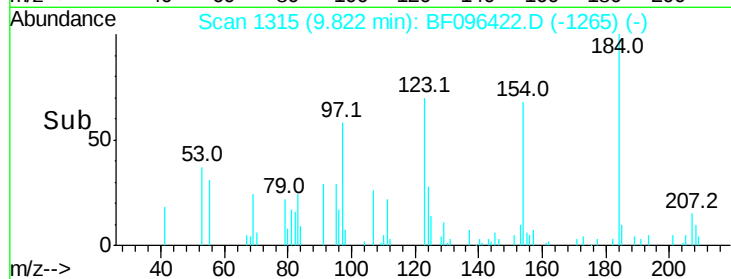
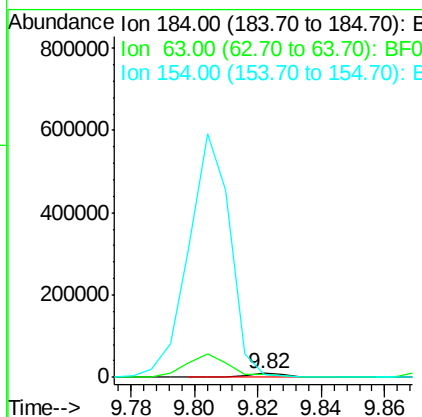
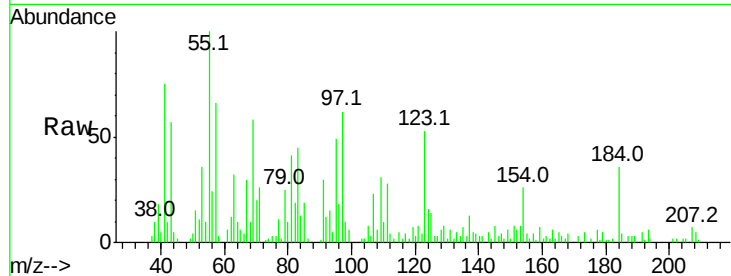




#53
 2,4-Dinitrophenol
 Concen: 4.27 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

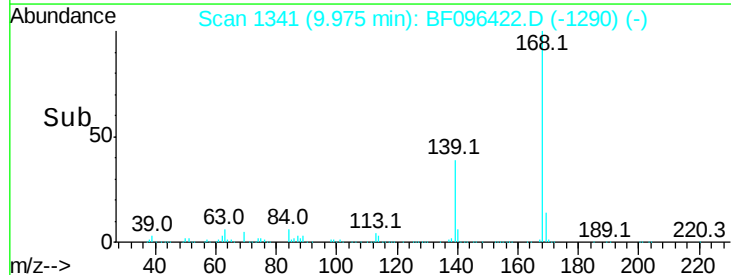
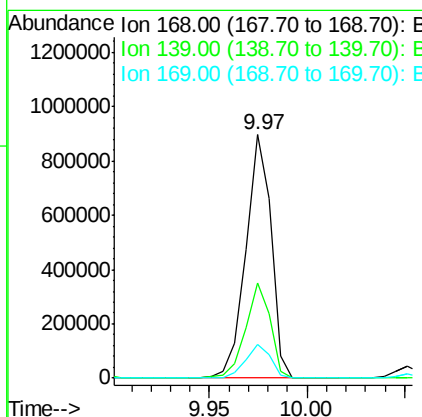
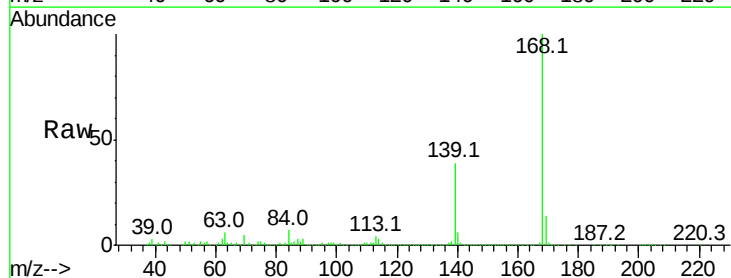
Instrument :
 BNA_F
 ClientSampleId :

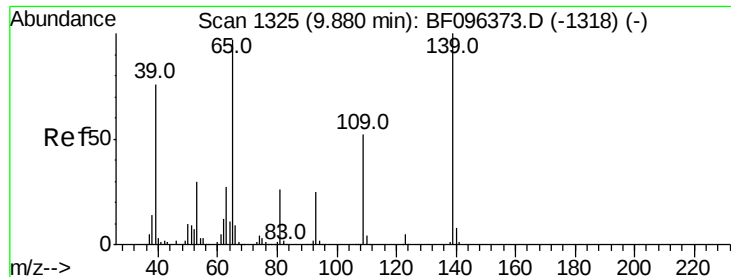
Tot Ion:184 Resp: 7398
 Ion Ratio Lower Upper
 184 100
 63 87.9 62.7 94.1
 154 72.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 49.36 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Tgt Ion:168 Resp: 803931
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.6 45.8
 169 14.0 10.8 16.2





#55

4-Nitrophenol

Concen: 72.19 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

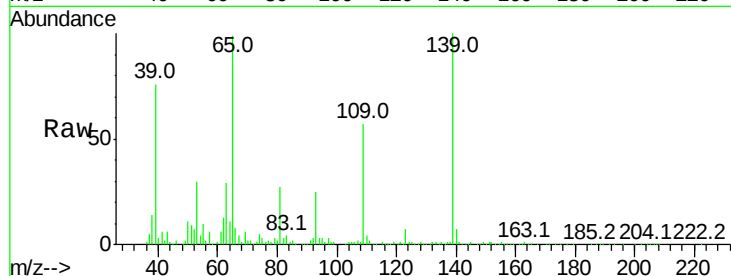
Tot Ion:139 Resp: 243672

Ion Ratio Lower Upper

139 100

109 57.1 34.1 74.1

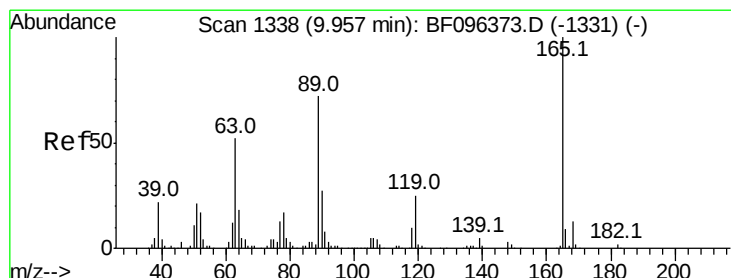
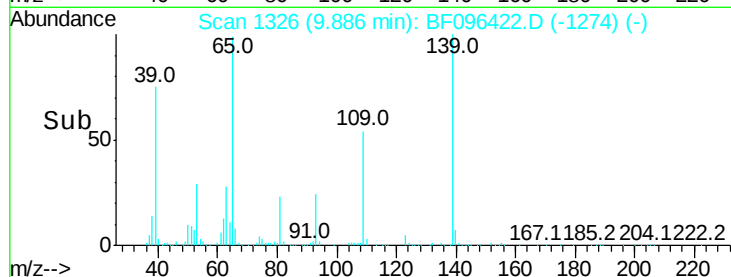
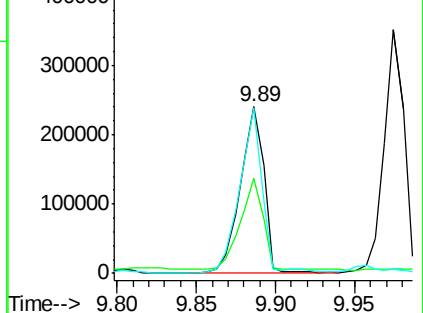
65 99.5 31.4 71.4#



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: 45.58 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Tgt Ion:165 Resp: 188468

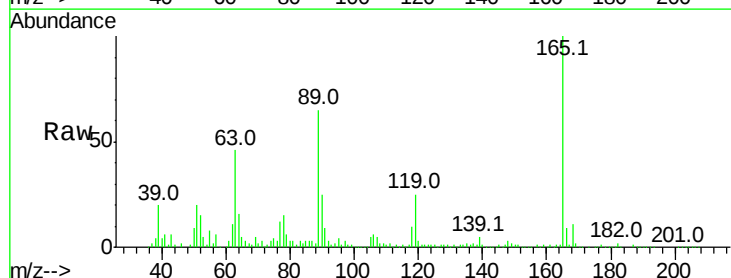
Ion Ratio Lower Upper

165 100

63 45.9 25.4 38.0#

89 65.1 46.4 69.6

182 2.5 1.8 2.6

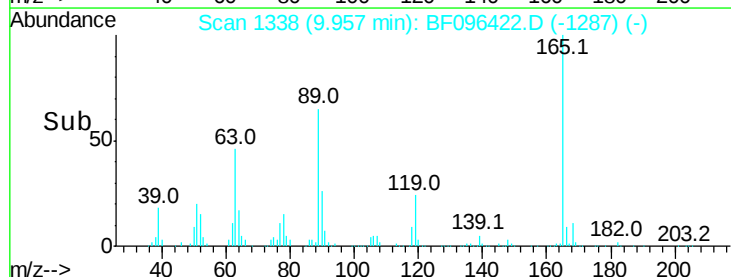
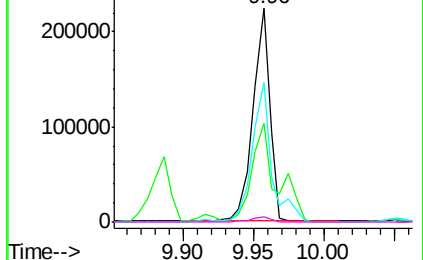


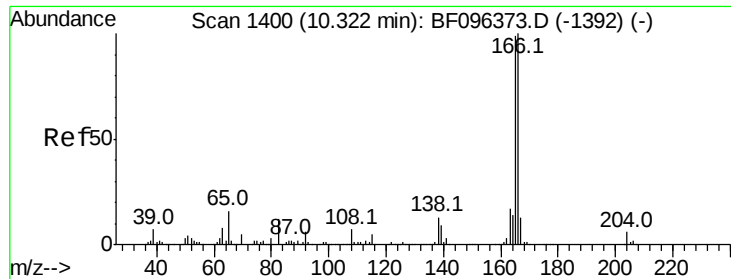
Abundance Ion 165.00 (164.70 to 165.70): E

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

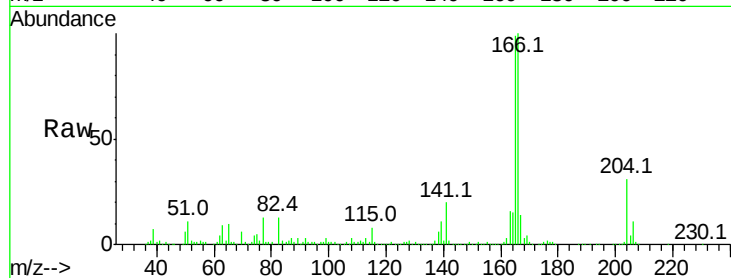




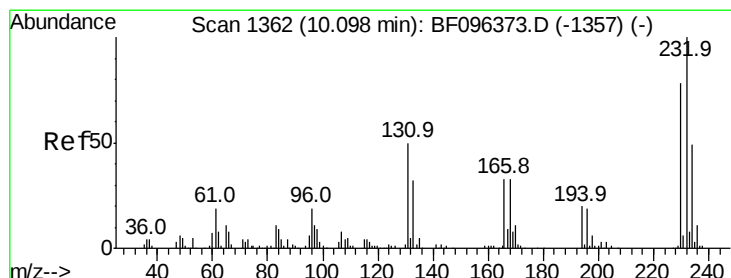
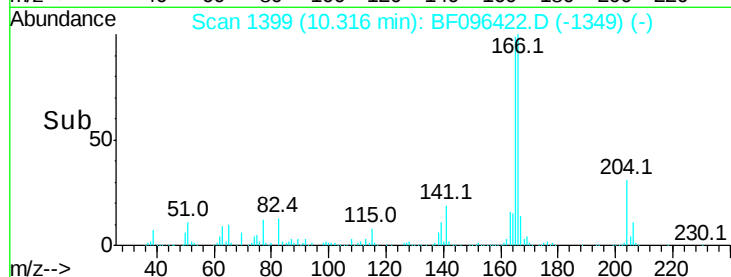
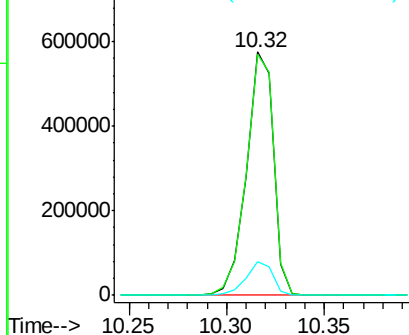
#57
 Fluorene
 Concen: 47.95 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 551583
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.8 118.2
 167 13.6 10.6 16.0



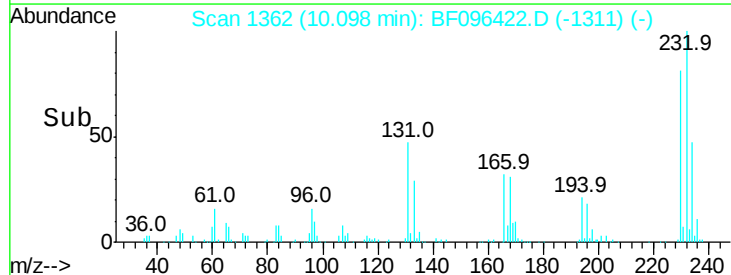
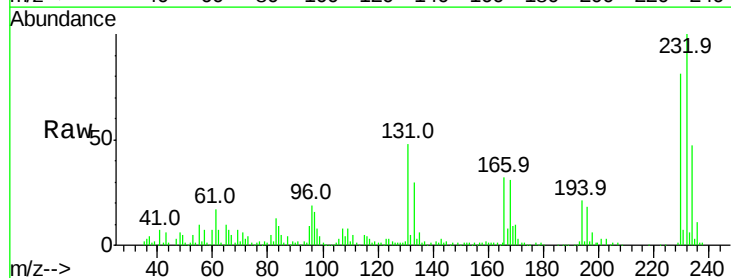
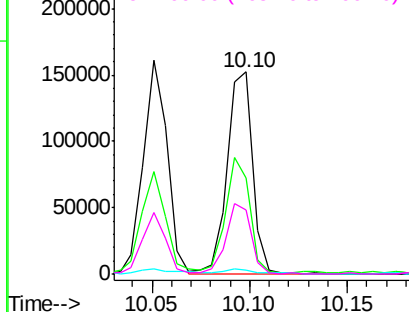
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

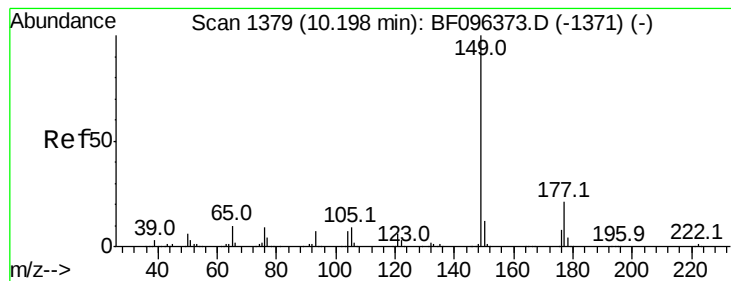


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.25 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Tgt Ion:232 Resp: 136862
 Ion Ratio Lower Upper
 232 100
 131 53.4 44.8 67.2
 130 3.8 2.3 3.5#
 166 34.2 29.0 43.4

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





#59

Diethylphthalate

Concen: 48.54 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

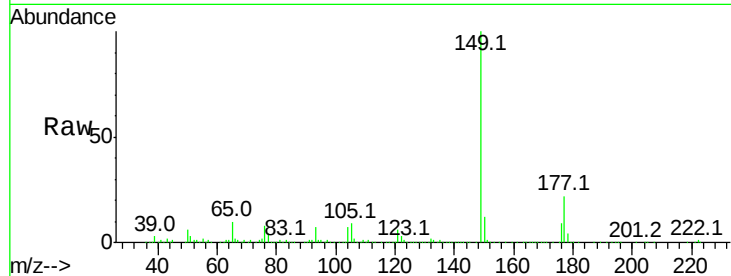
Tot Ion:149 Resp: 677392

Ion Ratio Lower Upper

149 100

177 21.5 16.7 25.1

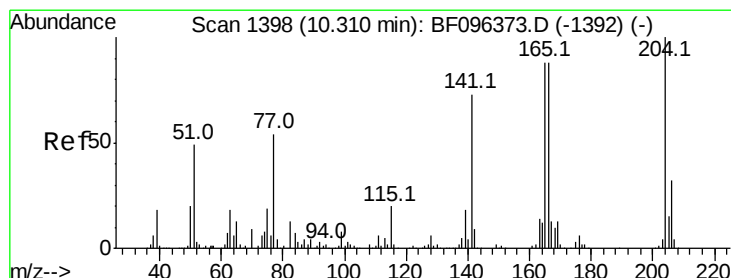
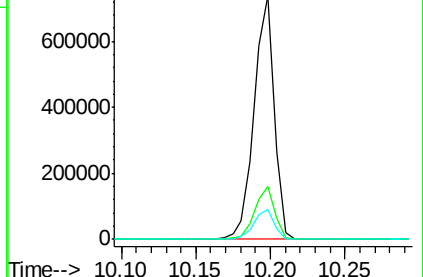
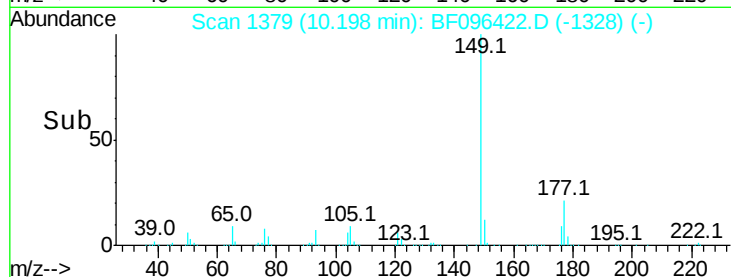
150 12.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.64 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

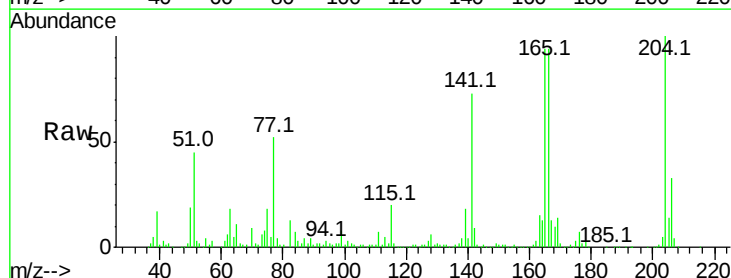
Tgt Ion:204 Resp: 243436

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

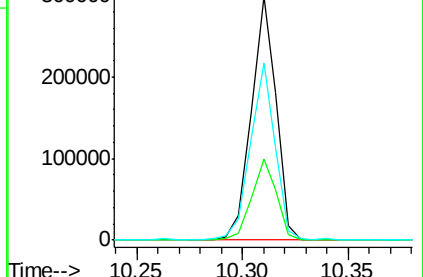
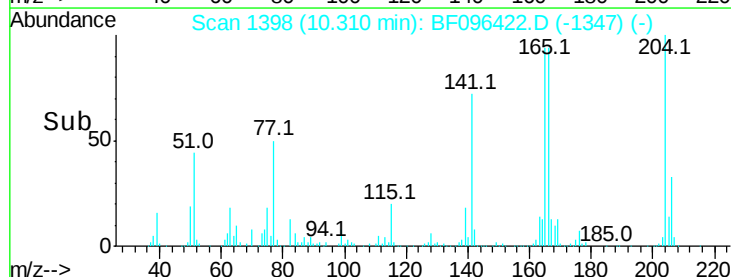
141 72.7 60.8 91.2

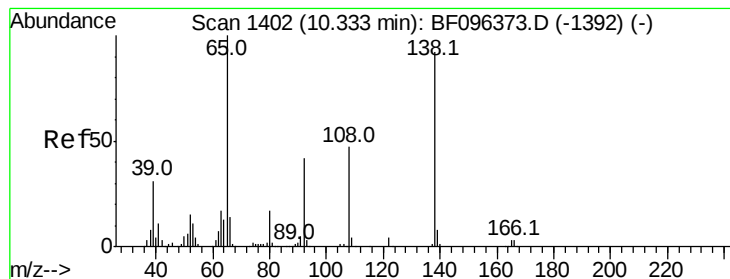


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.71 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

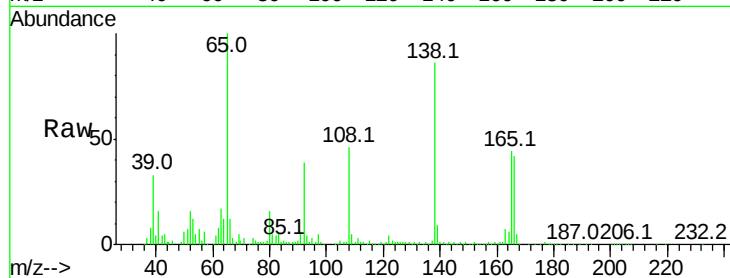
Tot Ion:138 Resp: 161853

Ion Ratio Lower Upper

138 100

92 45.3 21.8 61.8

108 53.3 42.3 82.3

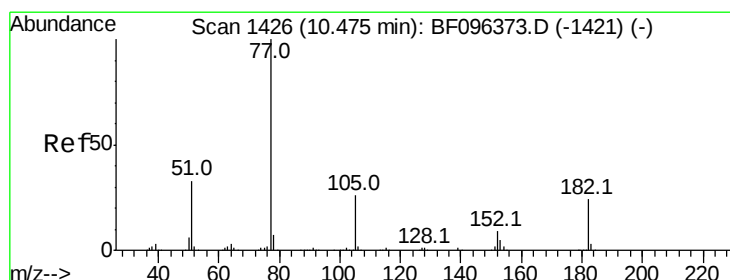
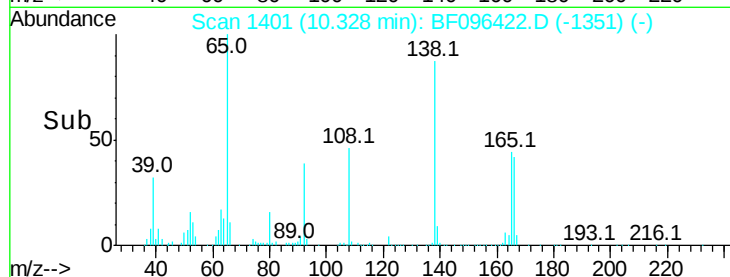
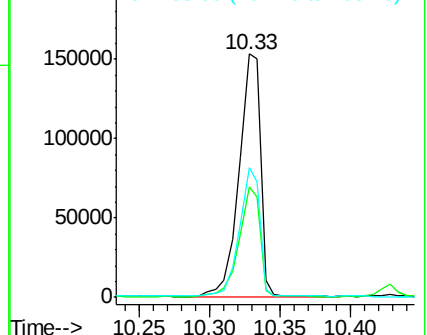


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.54 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Tgt Ion: 77 Resp: 668518

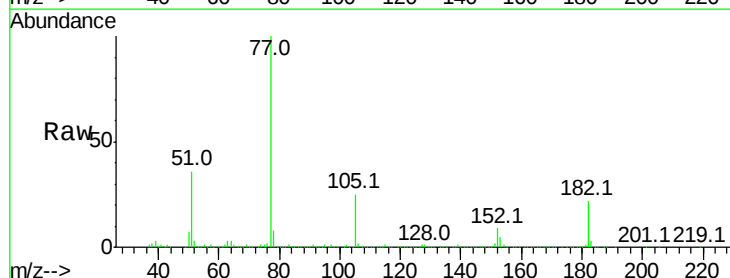
Ion Ratio Lower Upper

77 100

182 22.2 0.1 40.1

105 25.0 3.6 43.6

51 36.2 9.4 49.4



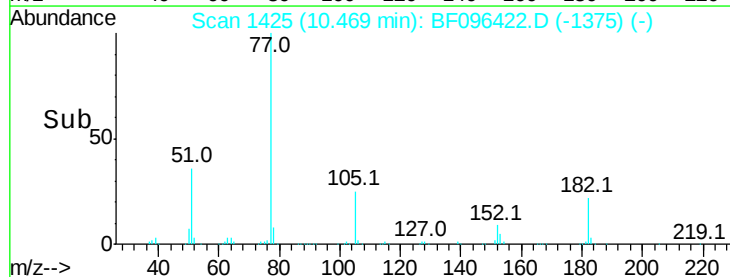
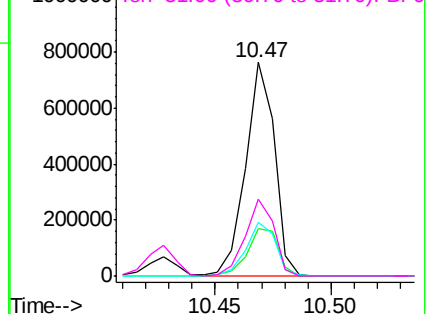
Abundance

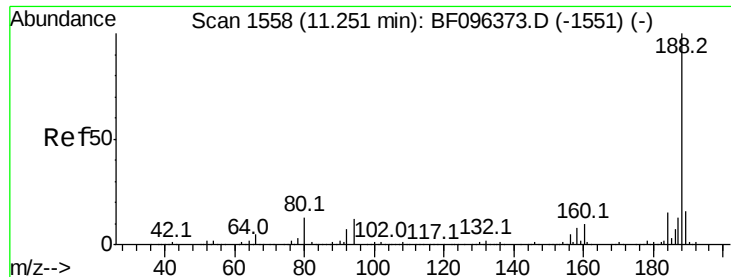
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

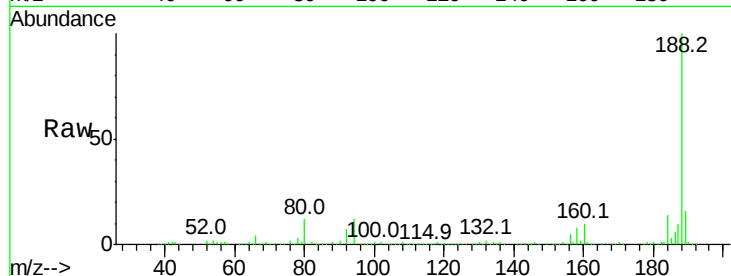
Tot Ion:188 Resp: 285021

Ion Ratio Lower Upper

188 100

94 12.5 9.4 14.2

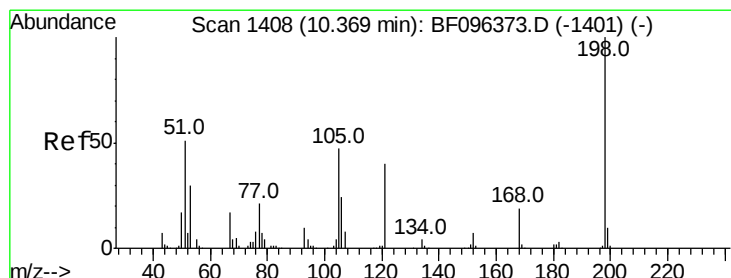
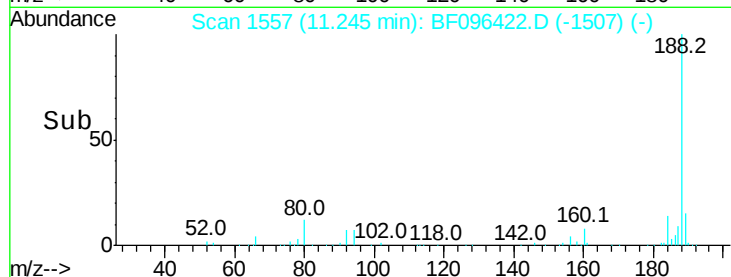
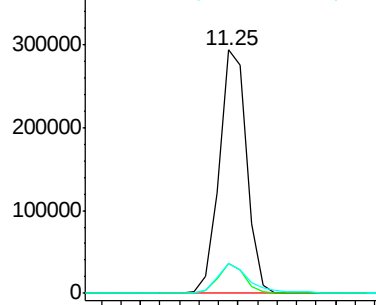
80 12.3 10.2 15.2



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: 7.70 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

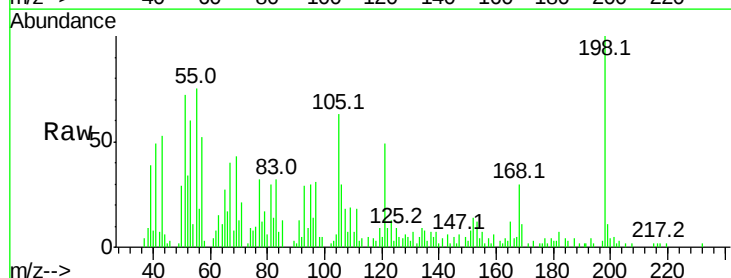
Tgt Ion:198 Resp: 15131

Ion Ratio Lower Upper

198 100

51 72.4 53.2 93.2

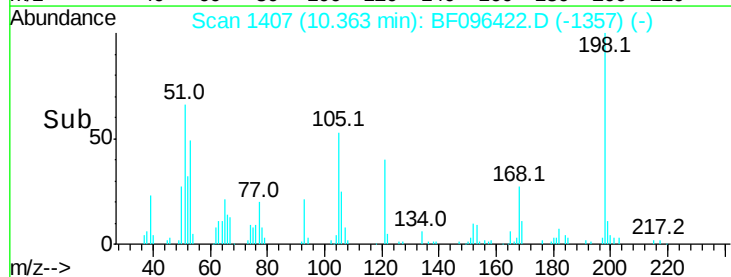
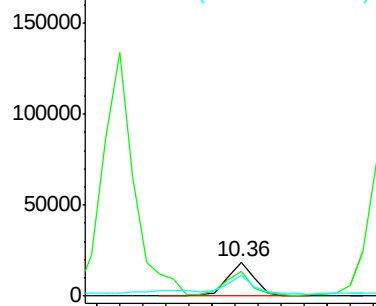
105 63.4 45.8 85.8

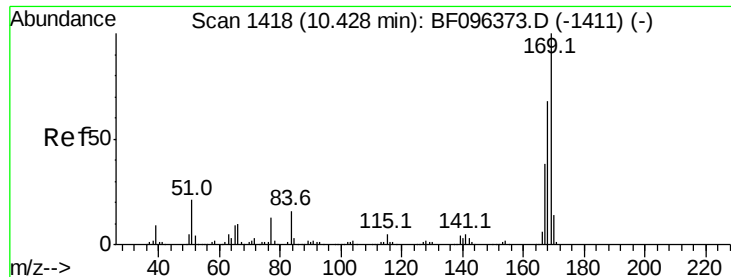


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 54.60 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

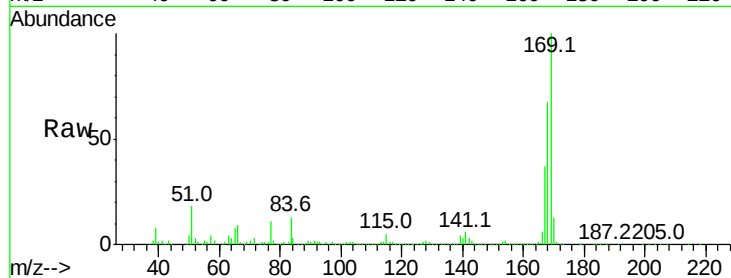
Tot Ion:169 Resp: 546051

Ion Ratio Lower Upper

169 100

168 66.8 53.2 79.8

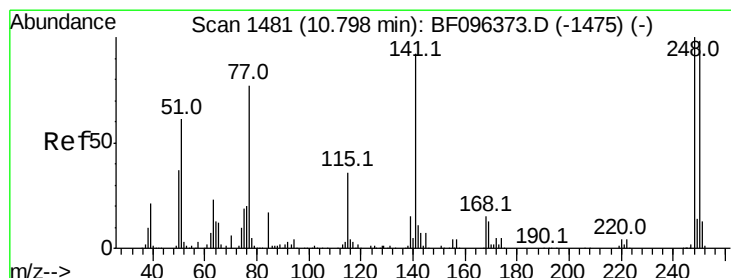
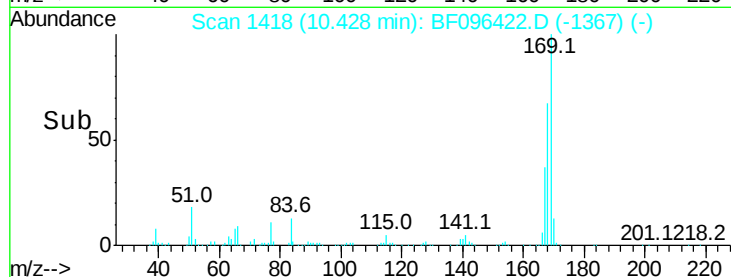
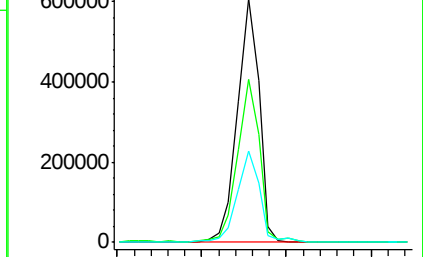
167 37.2 29.5 44.3



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: 56.78 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

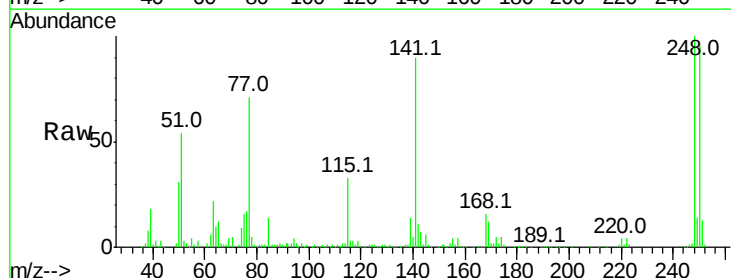
Tgt Ion:248 Resp: 157530

Ion Ratio Lower Upper

248 100

250 96.5 76.8 115.2

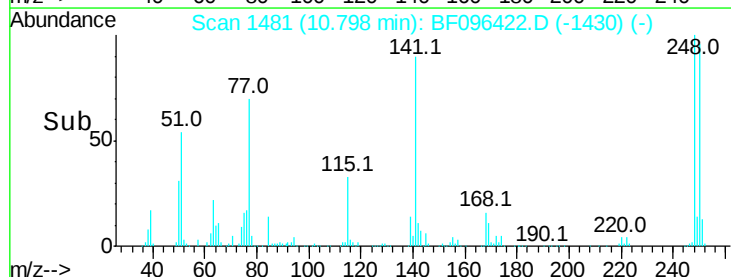
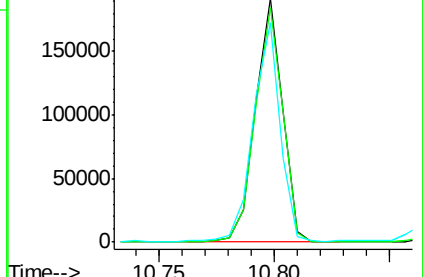
141 90.3 68.6 103.0

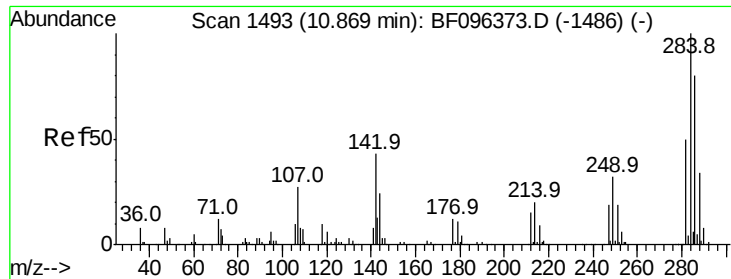


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

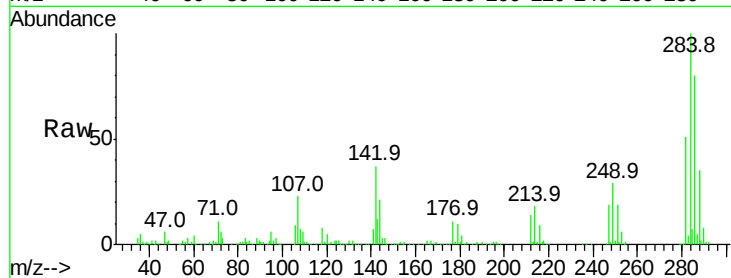




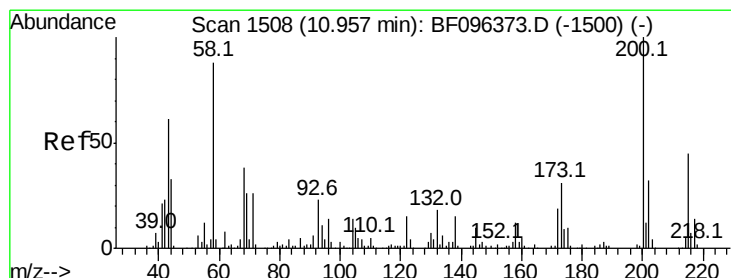
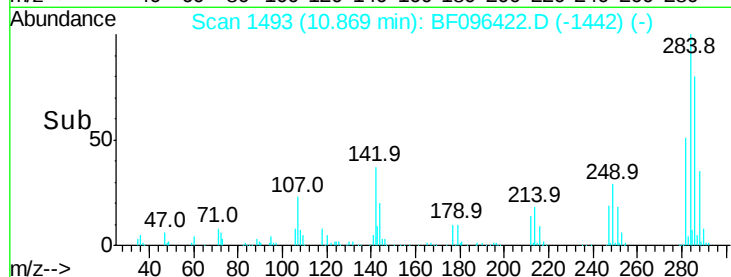
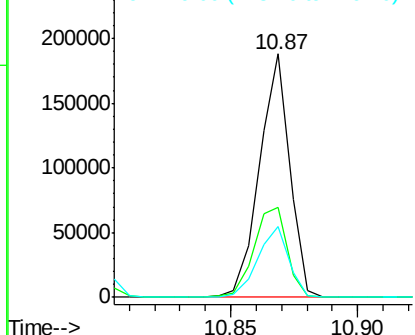
#67
Hexachlorobenzene
Concen: 51.63 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF096422.D
Acq: 2 Jul 2017 18:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 156807
Ion Ratio Lower Upper
284 100
142 37.1 22.8 34.2#
249 29.3 24.0 36.0

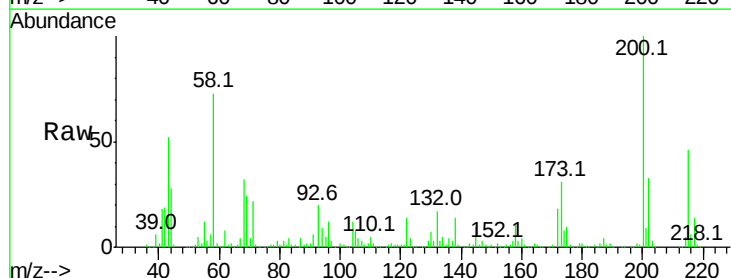


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

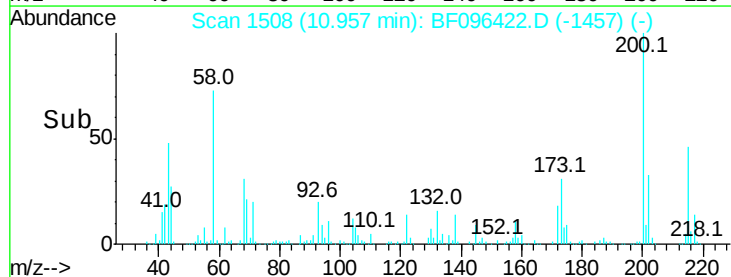
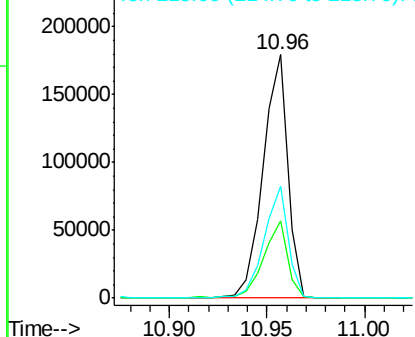


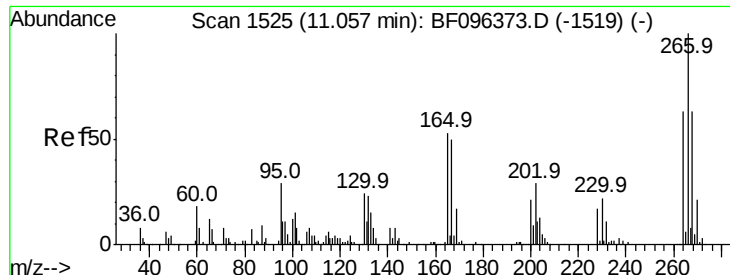
#68
Atrazine
Concen: 55.29 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF096422.D
Acq: 2 Jul 2017 18:03

Tgt Ion:200 Resp: 157979
Ion Ratio Lower Upper
200 100
173 31.5 6.3 46.3
215 45.8 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

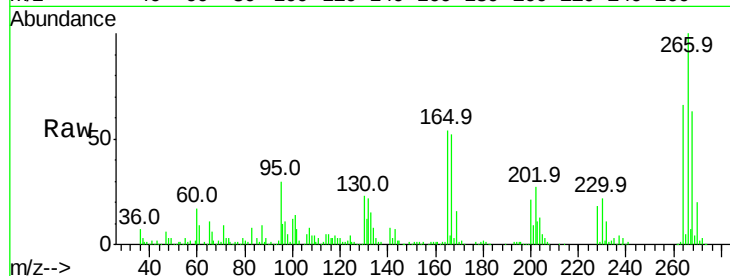




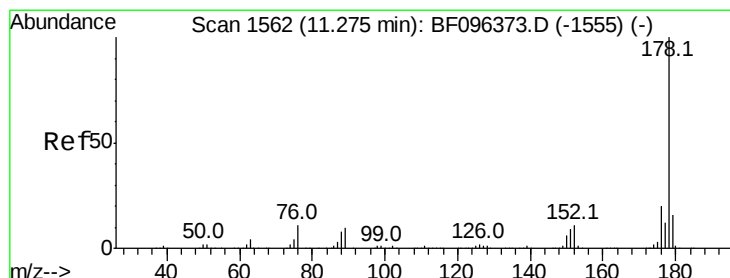
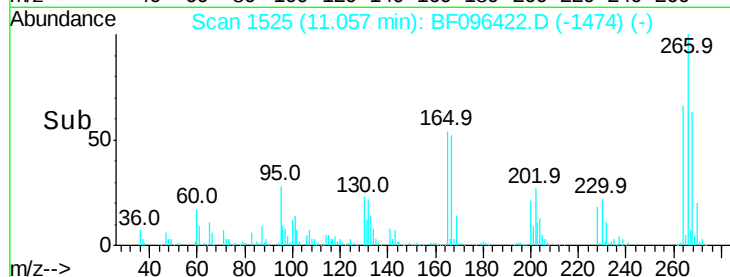
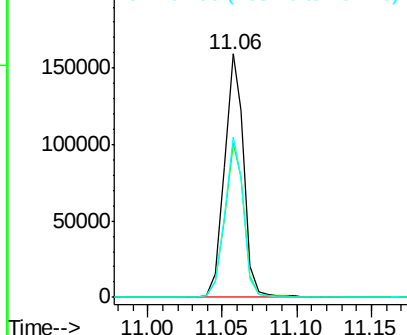
#69
 Pentachlorophenol
 Concen: 81.22 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 146212
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 65.9 51.7 77.5

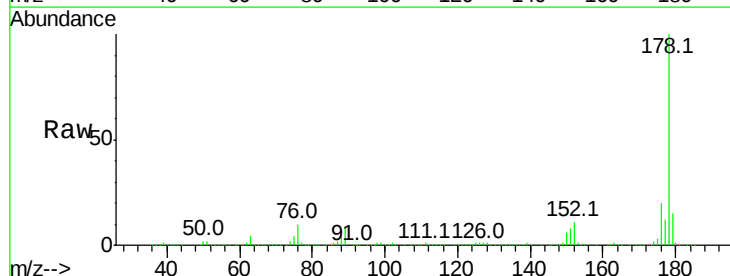


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

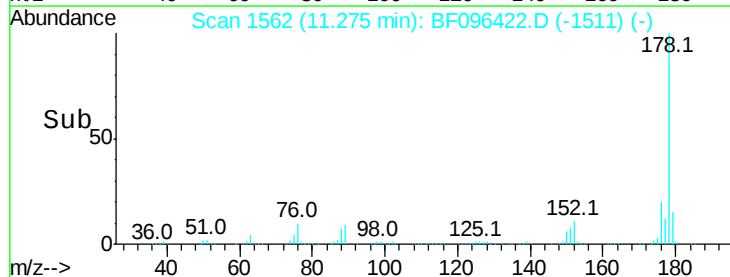
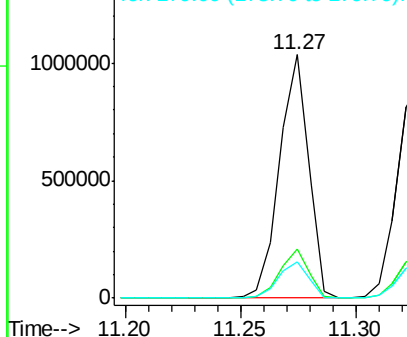


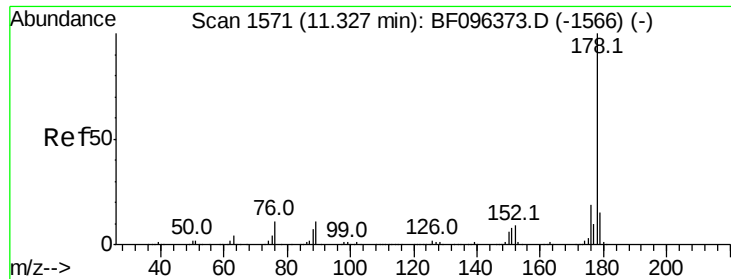
#70
 Phenanthrene
 Concen: 58.44 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Tgt Ion:178 Resp: 900417
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.2 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

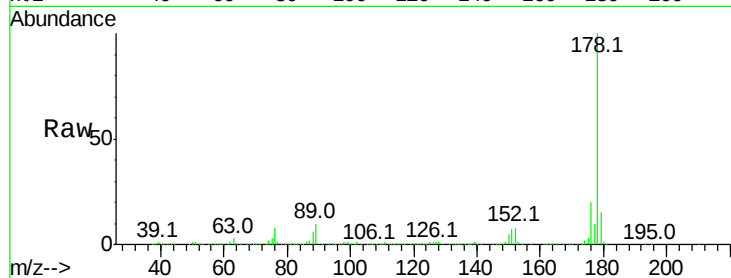




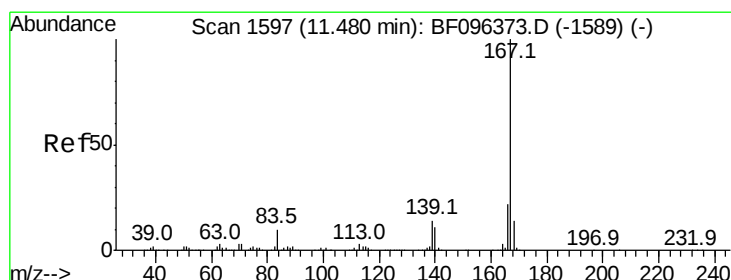
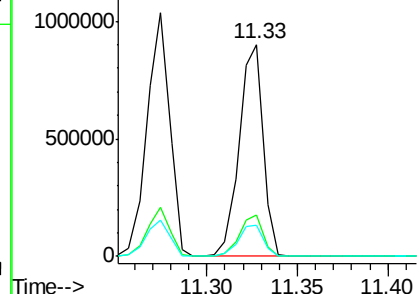
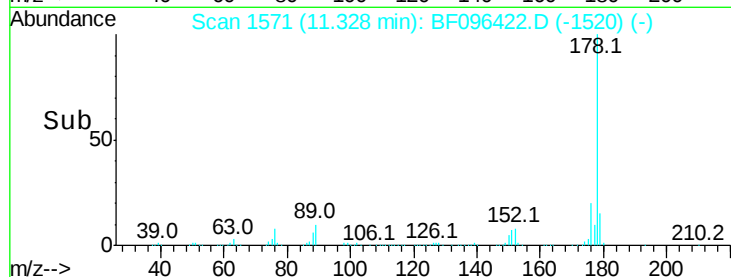
#71
 Anthracene
 Concen: 52.83 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 829427
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 14.9 12.7 19.1

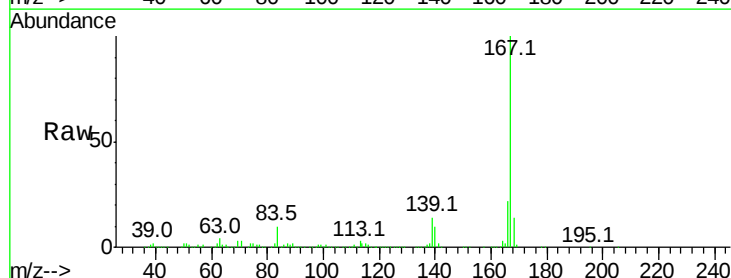


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

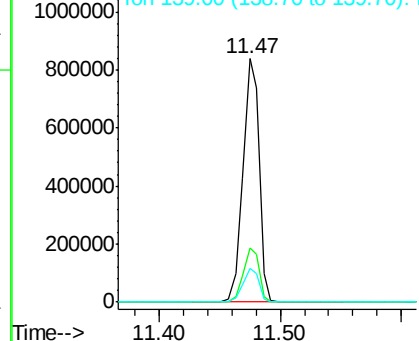
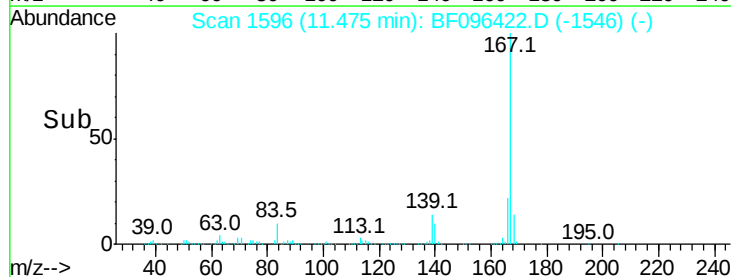


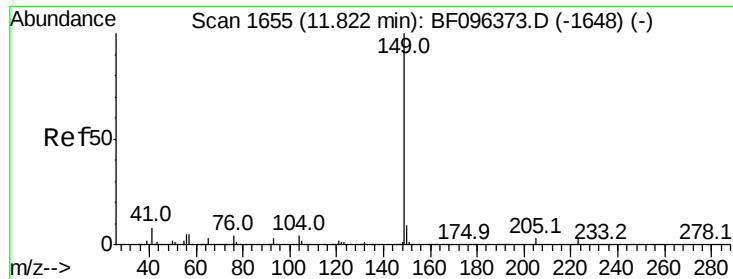
#72
 Carbazole
 Concen: 49.86 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Tgt Ion:167 Resp: 787245
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.9 11.7 17.5



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





#73

Di-n-butylphthalate

Concen: 52.75 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

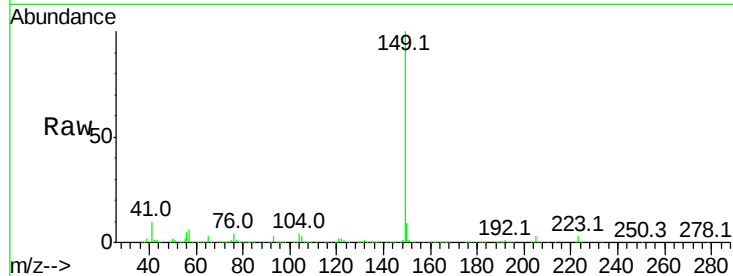
Tot Ion:149 Resp: 1008775

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

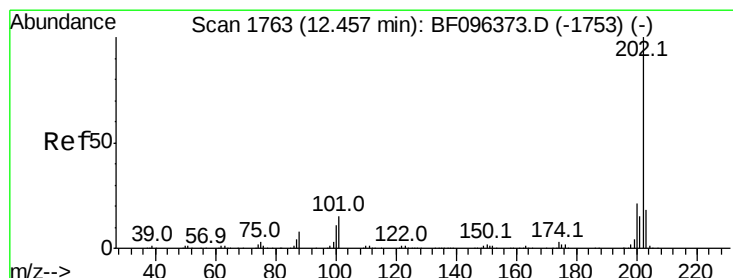
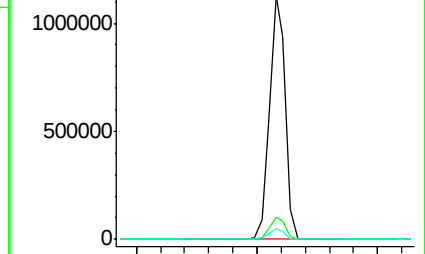
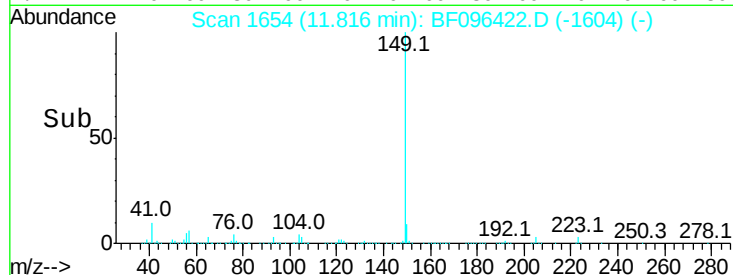
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 55.23 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

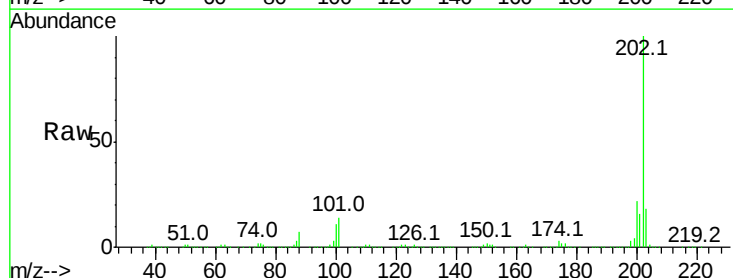
Tgt Ion:202 Resp: 834269

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

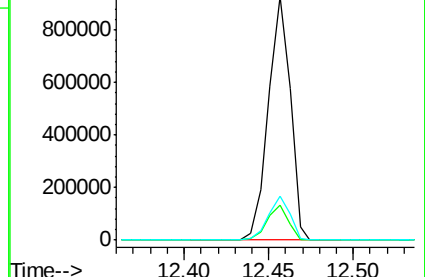
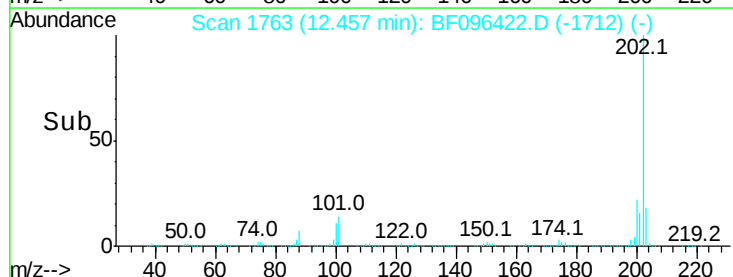
203 17.9 0.0 38.1

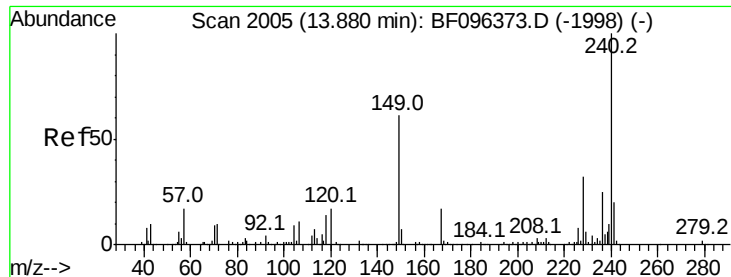


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

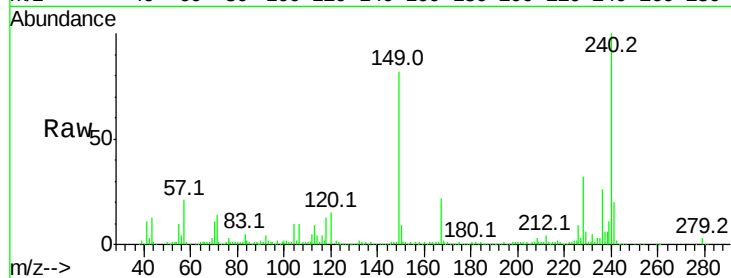
Tot Ion:240 Resp: 198082

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

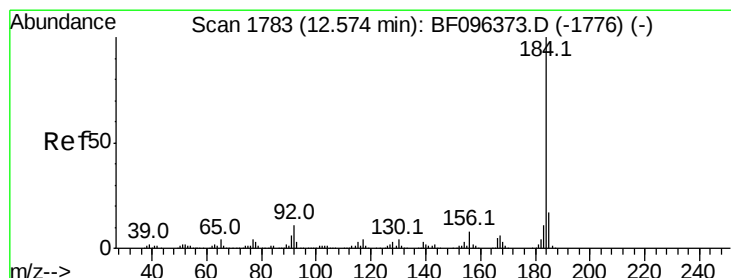
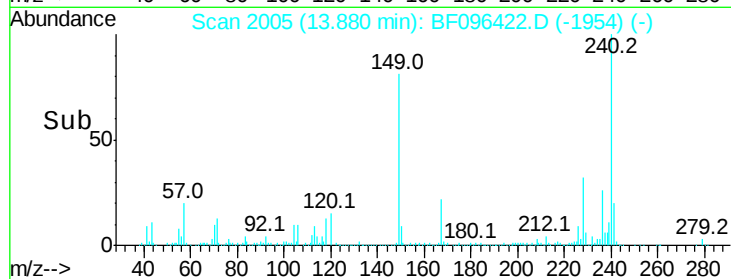
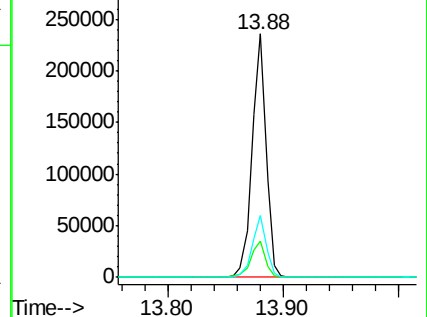
236 25.7 20.5 30.7



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: 34.75 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

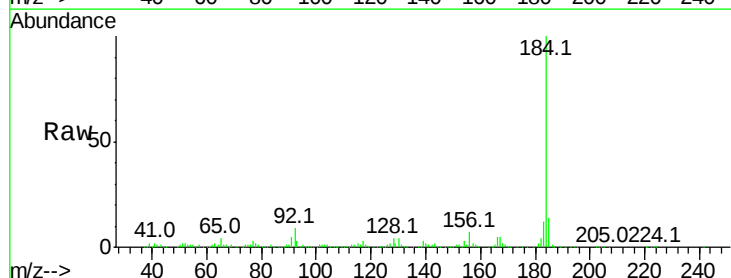
Tgt Ion:184 Resp: 330320

Ion Ratio Lower Upper

184 100

185 14.4 15.5 23.3#

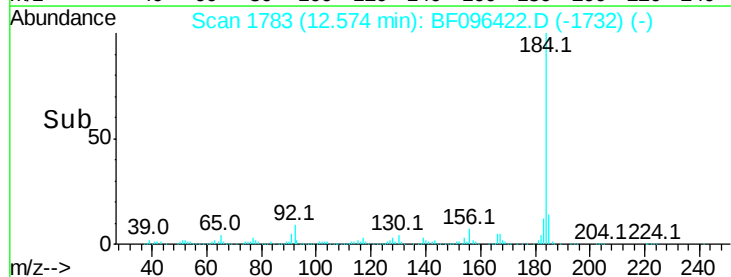
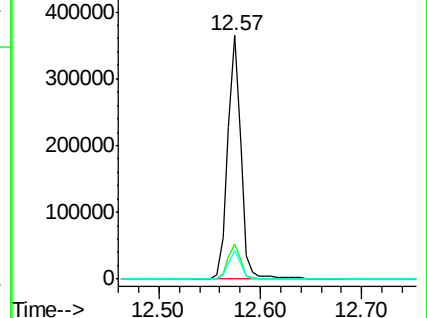
183 11.8 9.8 14.6

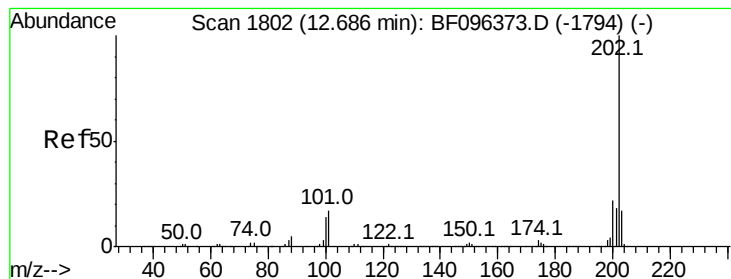


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 54.26 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampled :

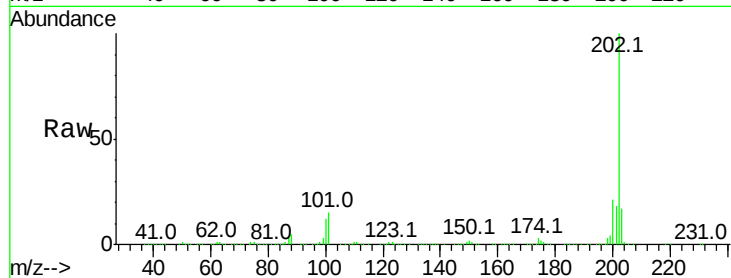
Tot Ion:202 Resp: 862782

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

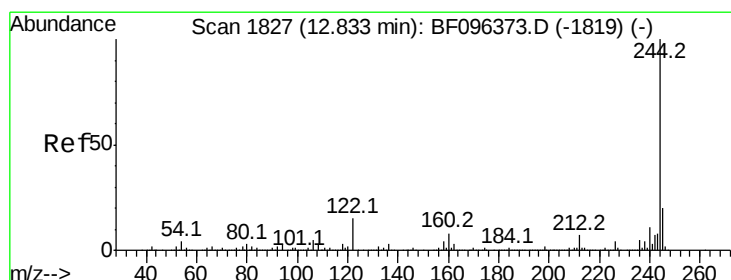
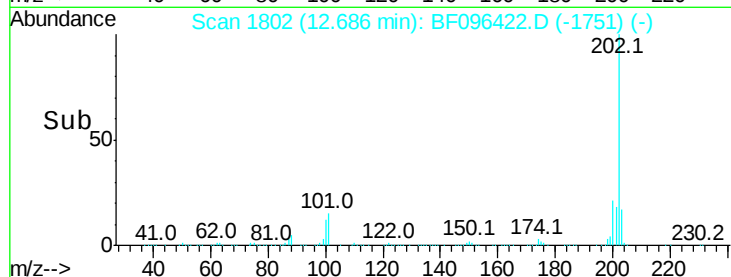
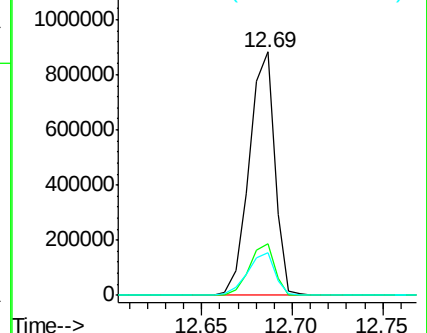
203 17.5 14.4 21.6



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: 87.10 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

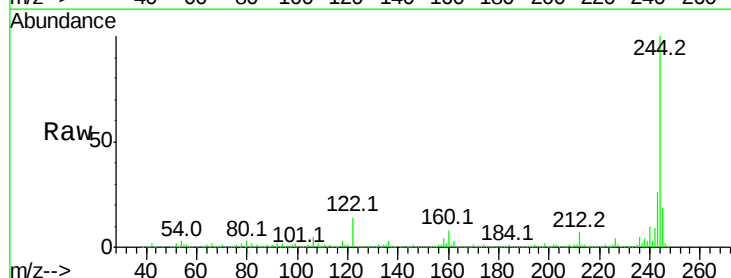
Tgt Ion:244 Resp: 807369

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

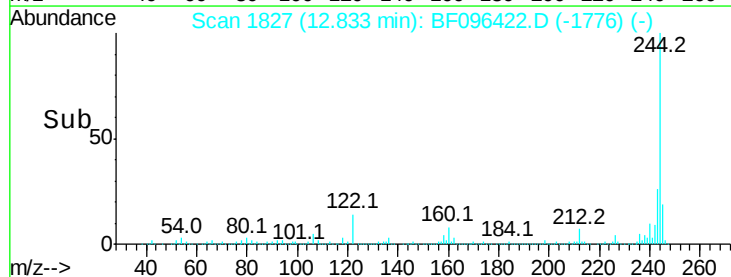
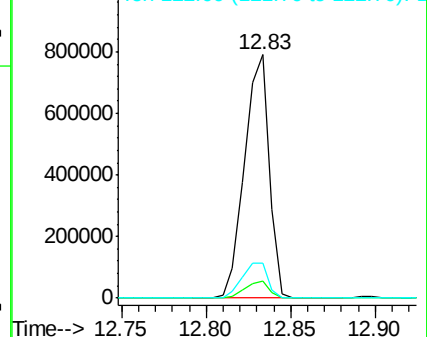
122 14.1 10.3 15.5

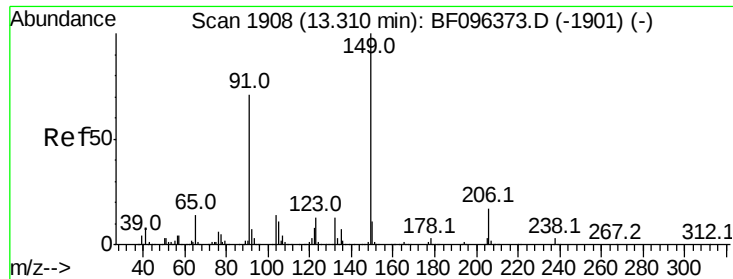


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

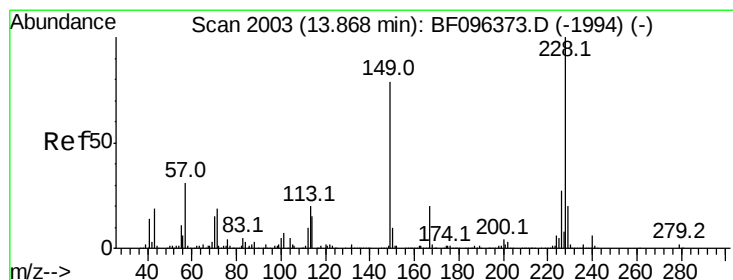
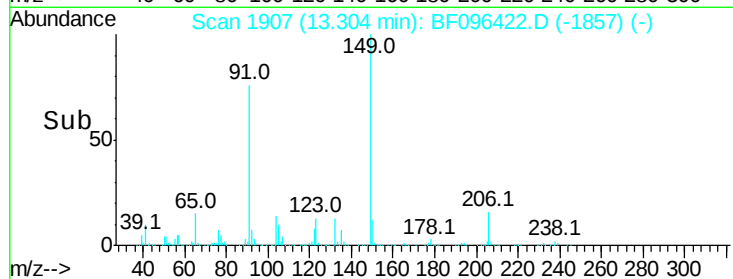
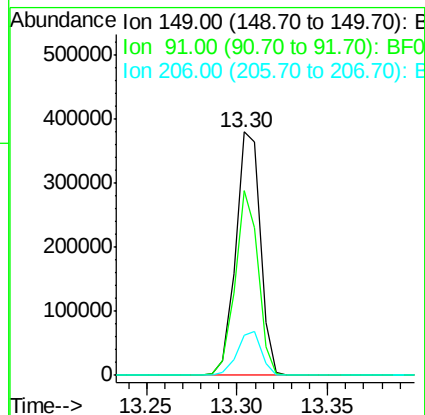
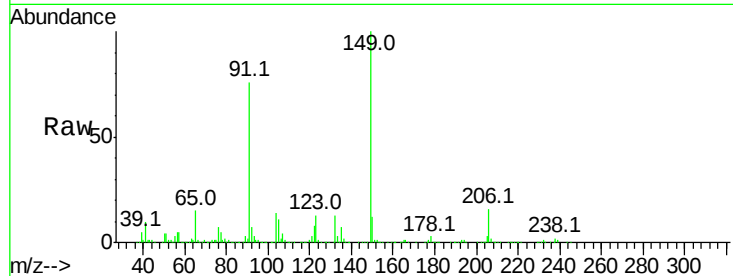




#79
Butylbenzylphthalate
Concen: 44.31 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF096422.D
Acq: 2 Jul 2017 18:03

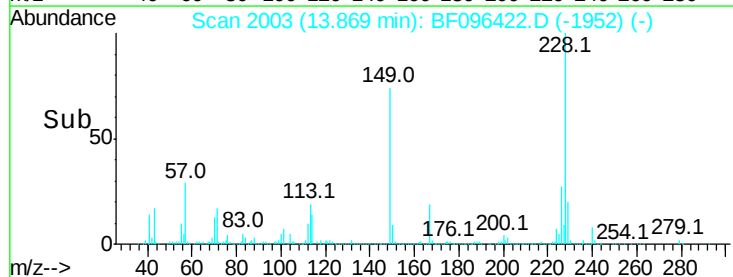
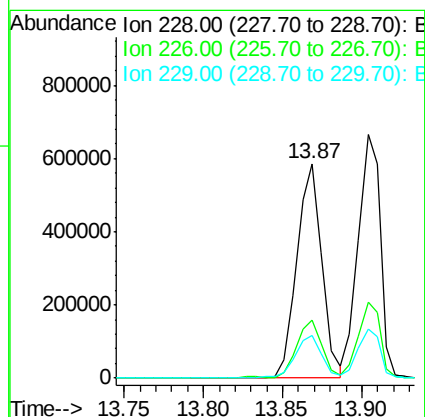
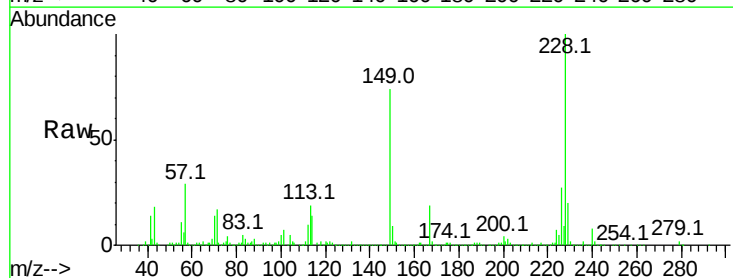
Instrument :
BNA_F
ClientSampleId :

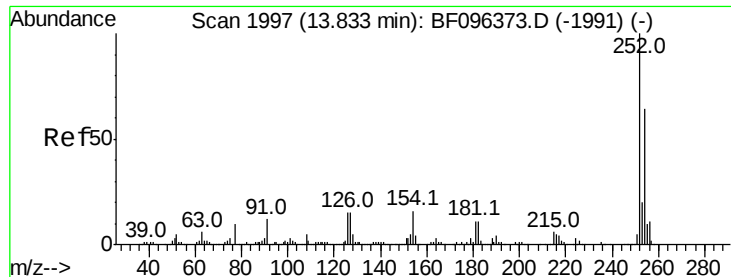
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.9	45.0	67.4#
206	16.4	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 55.88 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF096422.D
Acq: 2 Jul 2017 18:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	20.1	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 42.50 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampled :

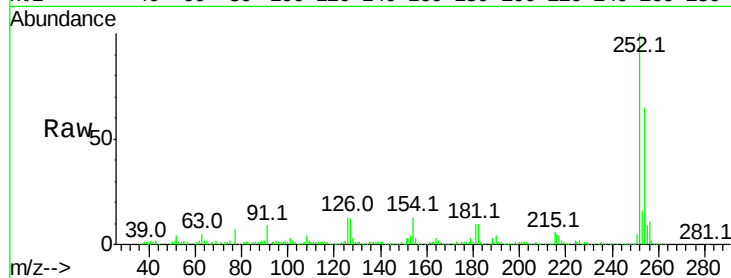
Tot Ion:252 Resp: 200230

Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

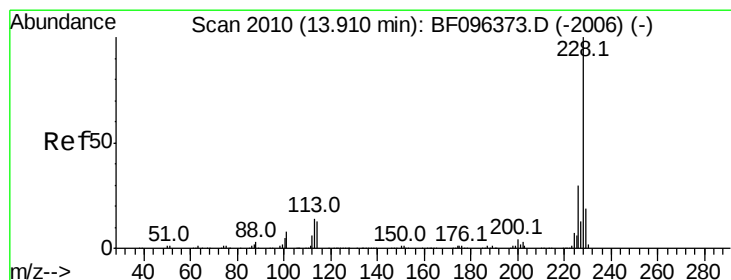
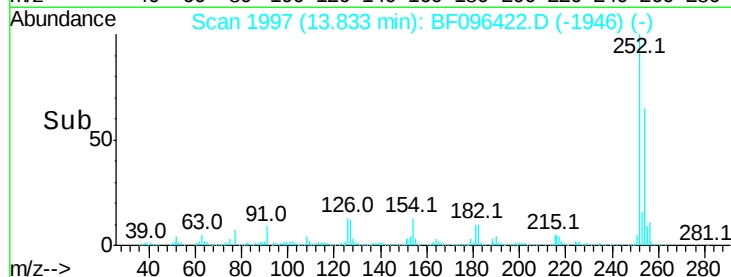
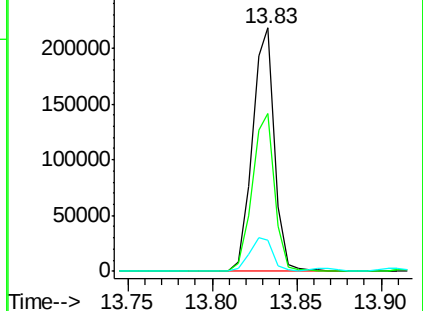
126 13.0 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 54.11 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

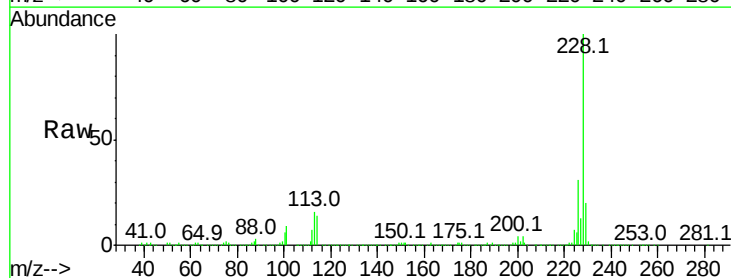
Tgt Ion:228 Resp: 650022

Ion Ratio Lower Upper

228 100

226 31.0 24.9 37.3

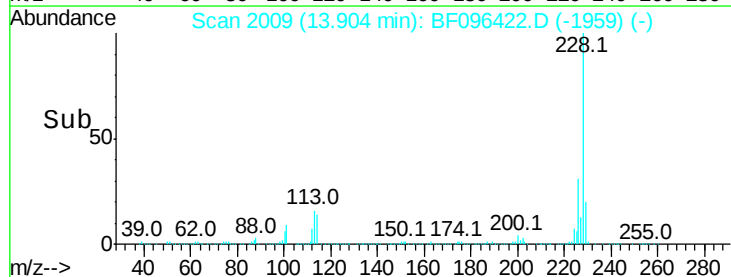
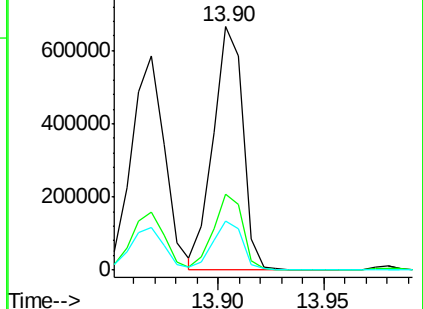
229 20.4 15.8 23.6

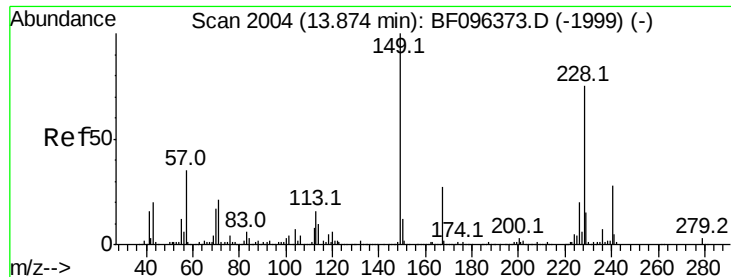


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

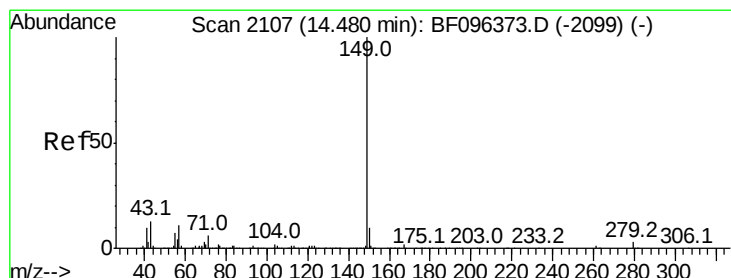
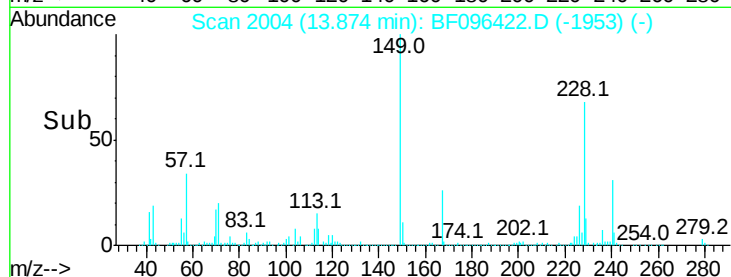
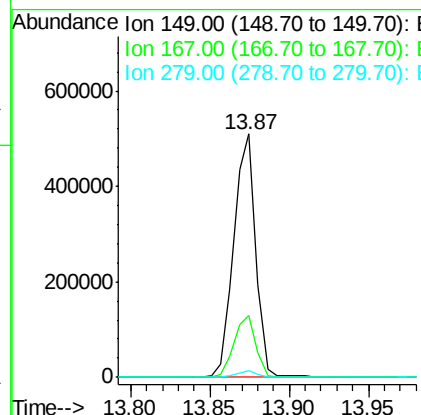
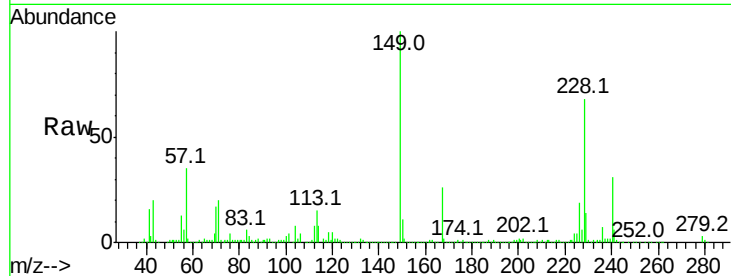




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.09 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

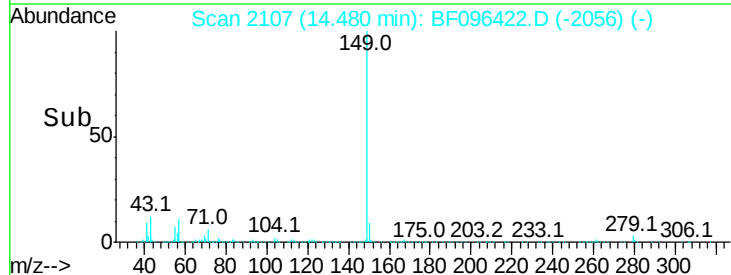
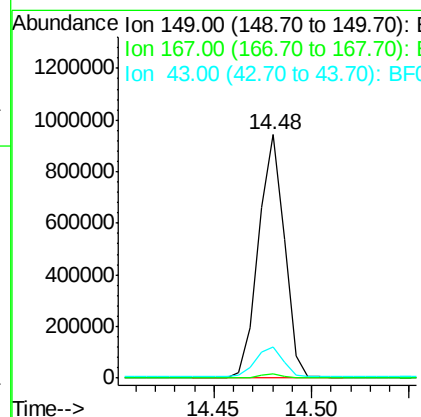
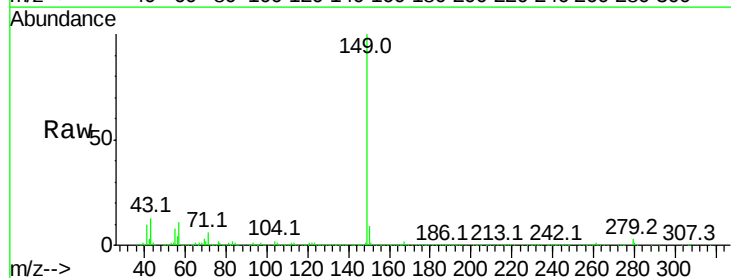
Instrument :
 BNA_F
 ClientSampleId :

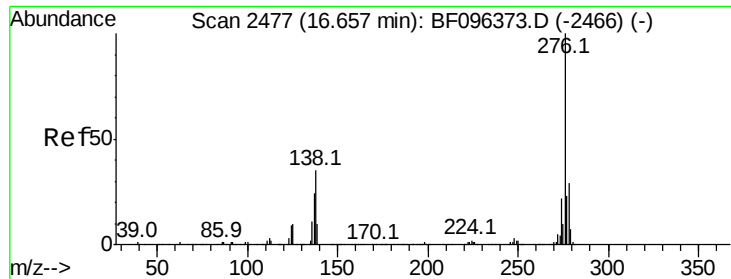
Tot Ion:149 Resp: 485926
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 48.92 ng
 RT: 14.48 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Tgt Ion:149 Resp: 865466
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.8 8.5 12.7#

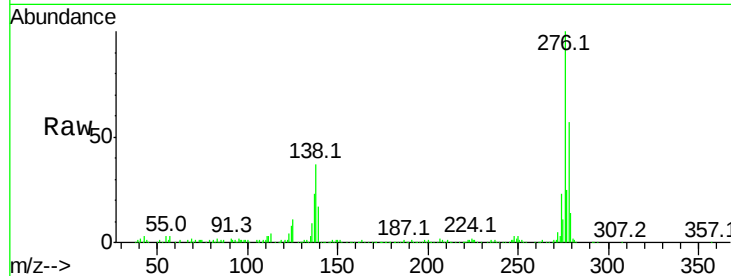




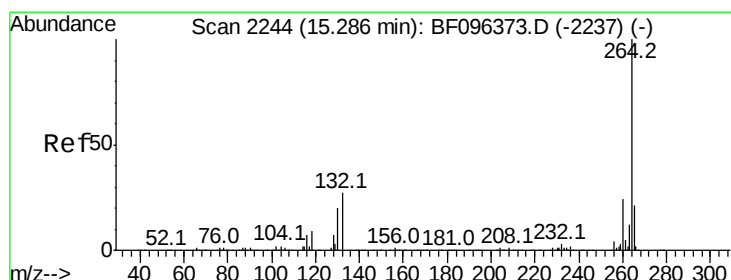
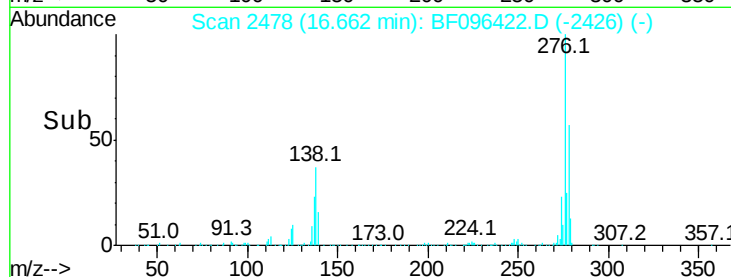
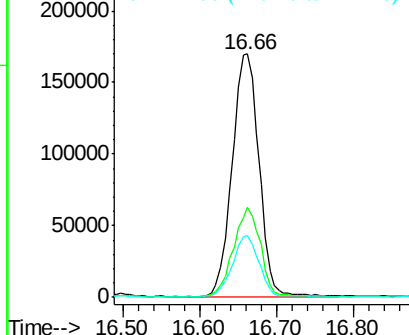
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.80 ng
 RT: 16.66 min Scan# 2478
 Delta R.T. 0.01 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.9	27.8	41.6
277	25.3	20.2	30.4

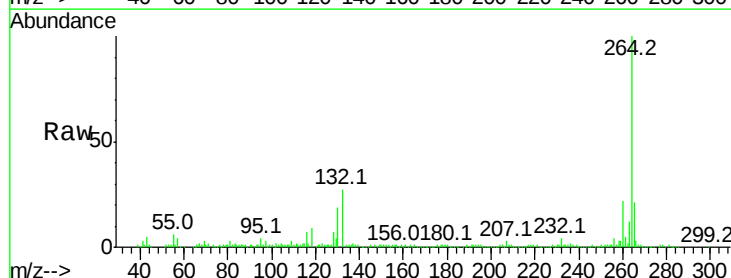


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

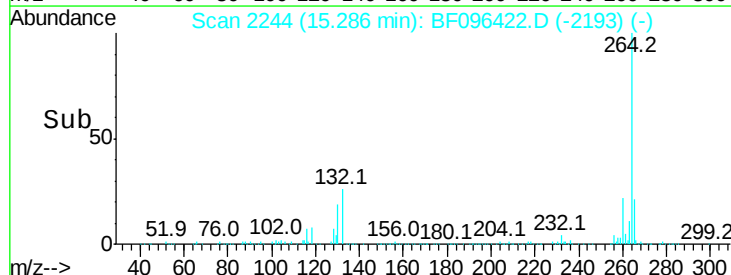
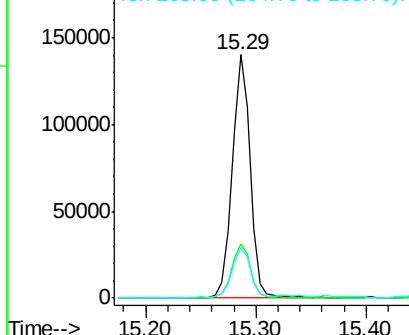


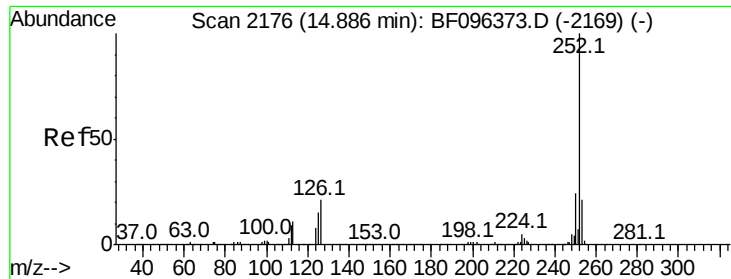
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	20.6	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: 55.02 ng

RT: 14.89 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

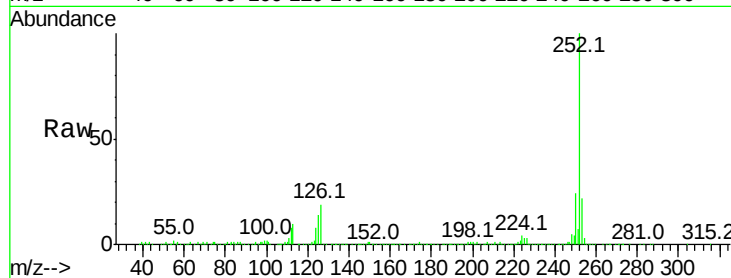
Tot Ion:252 Resp: 554330

Ion Ratio Lower Upper

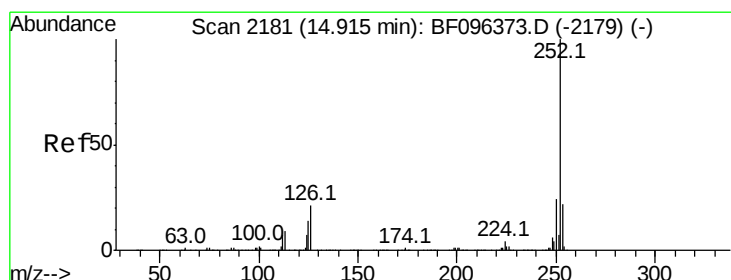
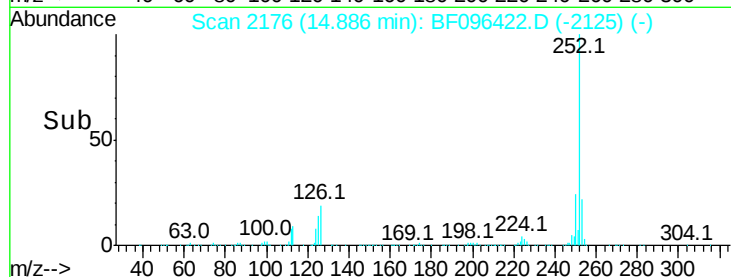
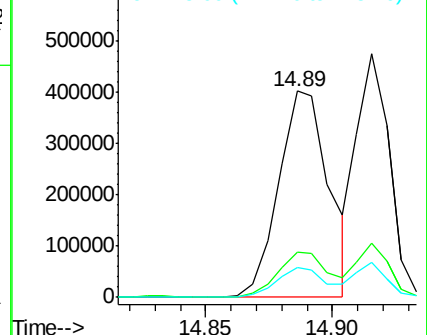
252 100

253 22.3 18.1 27.1

125 14.5 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: 47.47 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

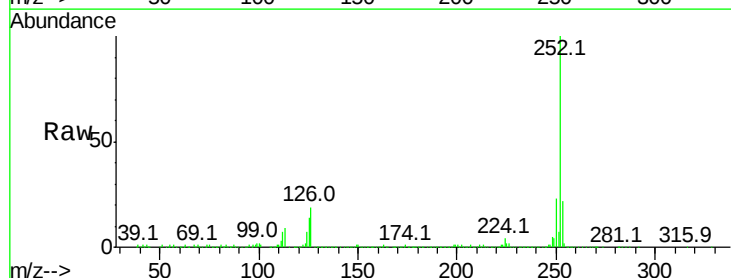
Tgt Ion:252 Resp: 427788

Ion Ratio Lower Upper

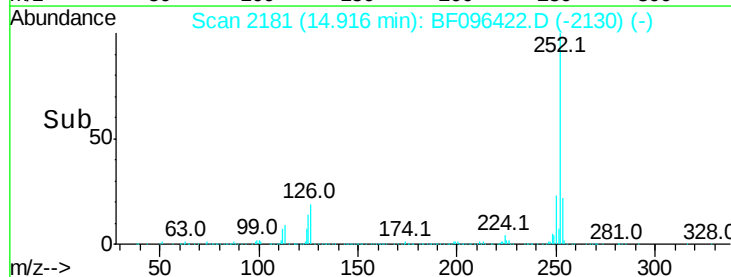
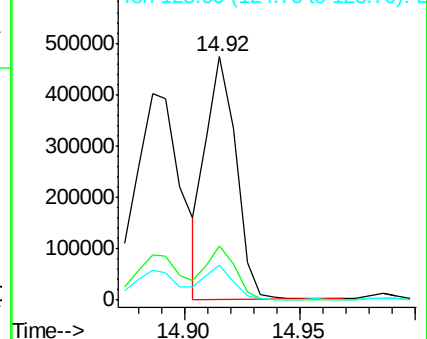
252 100

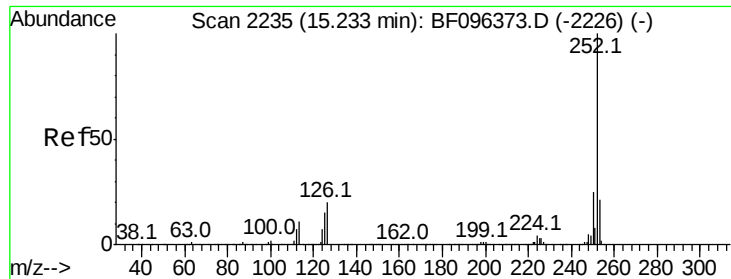
253 22.4 18.4 27.6

125 14.3 13.1 19.7



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





#89

Benzo(a)pyrene

Concen: 54.18 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

Instrument :

BNA_F

ClientSampleId :

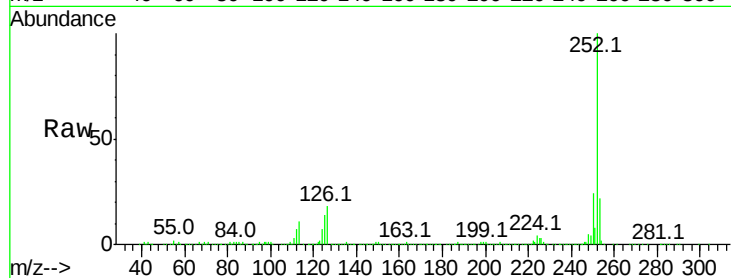
Tot Ion:252 Resp: 487400

Ion Ratio Lower Upper

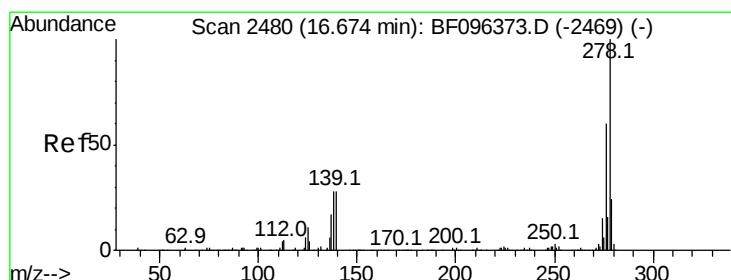
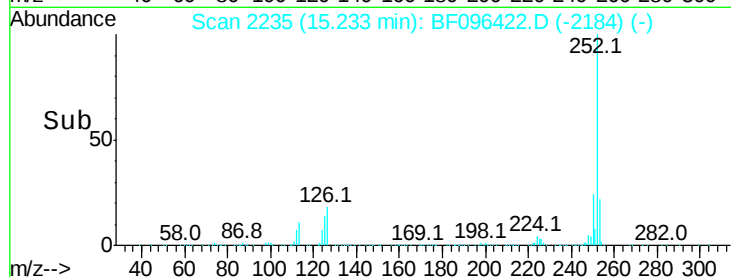
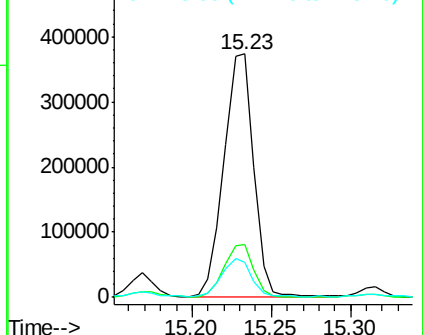
252 100

253 21.8 17.5 26.3

125 14.1 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 46.92 ng

RT: 16.67 min Scan# 2480

Delta R.T. 0.00 min

Lab File: BF096422.D

Acq: 2 Jul 2017 18:03

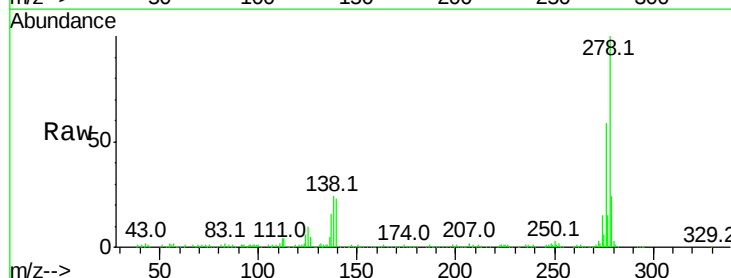
Tgt Ion:278 Resp: 332049

Ion Ratio Lower Upper

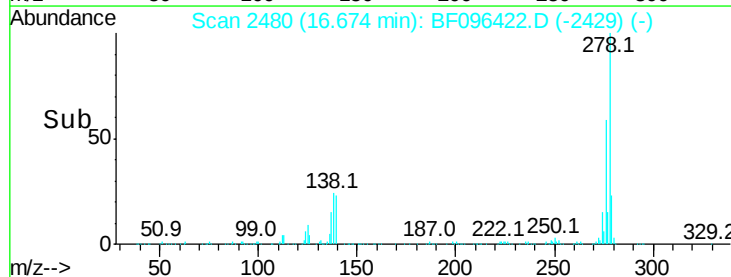
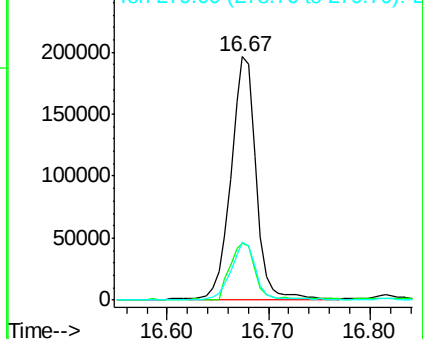
278 100

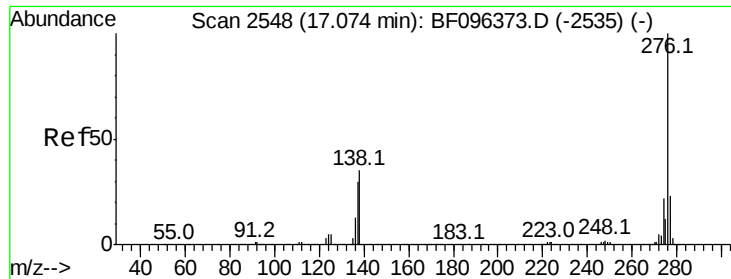
139 23.5 16.6 24.8

279 23.6 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

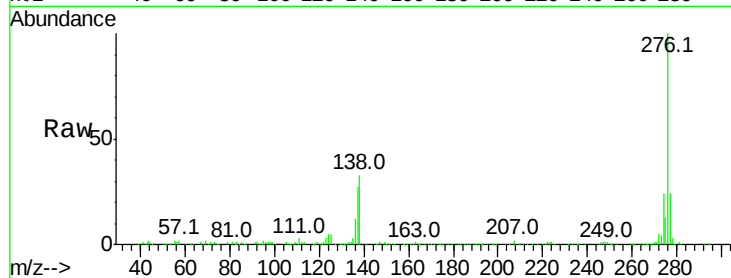




#91
 Benzo(a,h,i)perylene
 Concen: 47.08 ng
 RT: 17.07 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BF096422.D
 Acq: 2 Jul 2017 18:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	32.7	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

