

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096456.D
 Acq On : 3 Jul 2017 23:34
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 01:17:16 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	106828	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	393406	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	124435	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	239732	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	160789	20.00	ng	0.00
86) Perylene-d12	15.29	264	117463	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	594438	82.13	ng	0.00
7) Phenol-d6	6.37	99	670539	75.36	ng	0.00
23) Nitrobenzene-d5	7.29	82	487030	74.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	87564	90.09	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	775484	106.55	ng	-0.01
78) Terphenyl-d14	12.83	244	720185	95.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	127400	37.12	ng	# 76
3) Pyridine	3.07	79	362376	38.48	ng	# 67
4) n-Nitrosodimethylamine	3.02	42	181882	39.13	ng	# 84
6) Aniline	6.39	93	439831	38.25	ng	# 74
8) 2-Chlorophenol	6.52	128	304869	39.50	ng	# 98
9) Benzaldehyde	6.27	77	192864	34.63	ng	# 96
10) Phenol	6.38	94	372350	36.73	ng	# 82
11) bis(2-Chloroethyl)ether	6.46	93	305474	38.99	ng	# 91
12) 1,3-Dichlorobenzene	6.67	146	326691	40.37	ng	# 99
13) 1,4-Dichlorobenzene	6.75	146	327318	40.47	ng	# 95
14) 1,2-Dichlorobenzene	6.90	146	291539	39.25	ng	# 96
15) Benzyl Alcohol	6.87	79	206516	34.72	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	615405	38.64	ng	# 91
17) 2-Methylphenol	6.99	107	227393	36.97	ng	# 97
18) Hexachloroethane	7.25	117	58761	20.04	ng	# 88
19) n-Nitroso-di-n-propylamine	7.15	70	193725	36.55	ng	# 84
20) 3+4-Methylphenols	7.14	107	273069	39.80	ng	# 87
22) Acetophenone	7.14	105	374703	43.59	ng	# 95
24) Nitrobenzene	7.31	77	267272	38.92	ng	# 92
25) Isophorone	7.55	82	499356	39.34	ng	# 97
26) 2-Nitrophenol	7.63	139	63635	17.51	ng	# 94
27) 2,4-Dimethylphenol	7.67	122	228126	36.86	ng	# 97
28) bis(2-Chloroethoxy)methane	7.76	93	346200	41.32	ng	# 100
29) 2,4-Dichlorophenol	7.87	162	187234	35.06	ng	# 96
30) 1,2,4-Trichlorobenzene	7.96	180	203328	40.36	ng	# 99
31) Naphthalene	8.03	128	674262	36.30	ng	# 99
32) Benzoic acid	7.77	122	78777	15.15	ng	# 92
33) 4-Chloroaniline	8.08	127	266308	34.52	ng	# 98
34) Hexachlorobutadiene	8.16	225	102930	39.84	ng	# 97
35) Caprolactam	8.45	113	54500	29.59	ng	# 71
36) 4-Chloro-3-methylphenol	8.56	107	185571	31.40	ng	# 90
37) 2-Methylnaphthalene	8.73	142	429704	36.35	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	170156	52.66	ng	# 99
40) Hexachlorocyclopentadiene	8.88	237	4969	3.16	ng	# 89

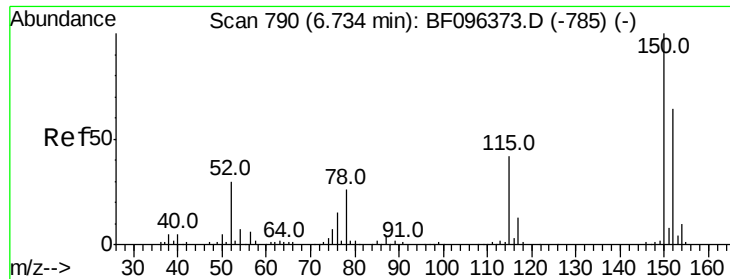
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096456.D
 Acq On : 3 Jul 2017 23:34
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 01:17:16 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)
42) 2,4,6-Trichlorophenol	9.00	196	115421	45.16	nq	100
43) 2,4,5-Trichlorophenol	9.05	196	113292	44.83	nq	94
45) 1,1'-Biphenyl	9.19	154	517682	48.55	nq	97
46) 2-Chloronaphthalene	9.21	162	370472	46.63	nq	93
47) 2-Nitroaniline	9.30	65	123304	42.65	nq	# 86
48) Acenaphthylene	9.62	152	513950	40.82	nq	99
49) Dimethylphthalate	9.49	163	413256	44.49	nq	98
50) 2,6-Dinitrotoluene	9.55	165	56162	27.34	nq	90
51) Acenaphthene	9.80	154	299215	38.56	nq	97
52) 3-Nitroaniline	9.71	138	117329	45.79	nq	# 90
54) Dibenzofuran	9.97	168	432350	42.20	nq	98
55) 4-Nitrophenol	9.87	139	61923	29.16	nq	# 70
56) 2,4-Dinitrotoluene	9.95	165	57316	22.03	nq	# 85
57) Fluorene	10.31	166	345207	47.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	78764	45.05	nq	97
59) Diethylphthalate	10.19	149	410173	46.72	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	144572	45.92	nq	95
61) 4-Nitroaniline	10.32	138	125157	53.72	nq	89
62) Azobenzene	10.46	77	340476	40.10	nq	93
65) n-Nitrosodiphenylamine	10.42	169	329054	39.12	nq	98
66) 4-Bromophenyl-phenylether	10.79	248	89331	38.28	nq	94
67) Hexachlorobenzene	10.86	284	103084	40.35	nq	# 89
68) Atrazine	10.94	200	76664	31.90	nq	93
69) Pentachlorophenol	11.05	266	52087	34.40	nq	99
70) Phenanthrene	11.27	178	520451	40.16	nq	99
71) Anthracene	11.32	178	547662	41.47	nq	97
72) Carbazole	11.47	167	534315	40.23	nq	98
73) Di-n-butylphthalate	11.81	149	578539	35.96	nq	99
74) Fluoranthene	12.45	202	560131	44.08	nq	98
76) Benzidine	12.57	184	376738	48.83	nq	# 94
77) Pyrene	12.68	202	583671	45.22	nq	99
79) Butylbenzylphthalate	13.30	149	293105	44.86	nq	# 83
80) Benzo(a)anthracene	13.87	228	372087	39.96	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	168335	44.02	nq	# 97
82) Chrysene	13.90	228	371522	38.10	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	348029	47.72	nq	99
84) Di-n-octyl phthalate	14.47	149	621099	43.25	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.66	276	272000	35.34	nq	99
87) Benzo(b)fluoranthene	14.89	252	287713	39.09	nq	98
88) Benzo(k)fluoranthene	14.89	252	287713	43.70	nq	97
89) Benzo(a)pyrene	15.23	252	265406	40.39	nq	99
90) Dibenzo(a,h)anthracene	16.67	278	229485	44.39	nq	96
91) Benzo(g,h,i)perylene	17.07	276	224138	41.84	nq	99

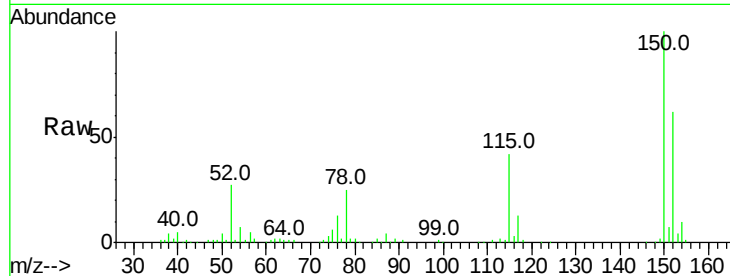
(#) = qualifier out of range (m) = manual integration (+) = signals summed



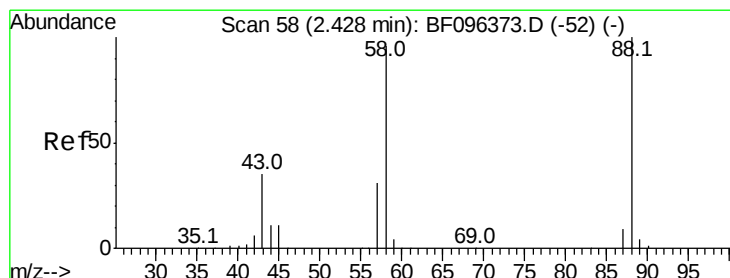
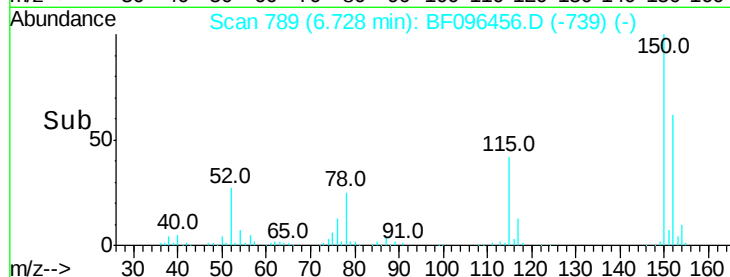
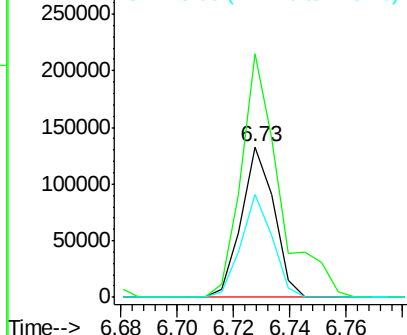
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 106828
 Ion Ratio Lower Upper
 152 100
 150 161.5 126.2 189.2
 115 68.6 52.2 78.2

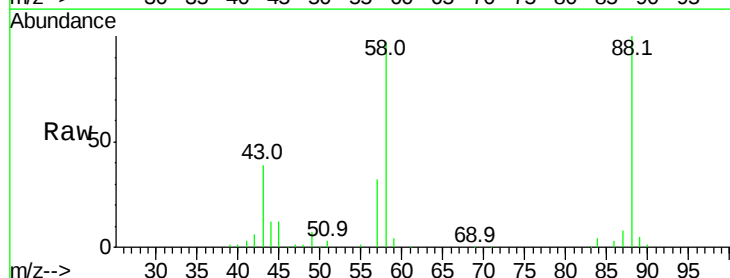


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

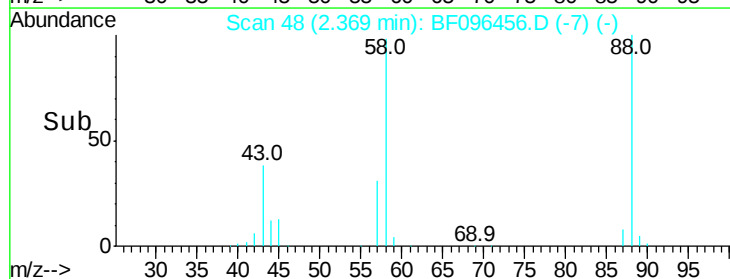
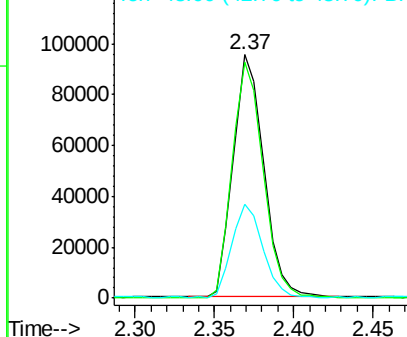


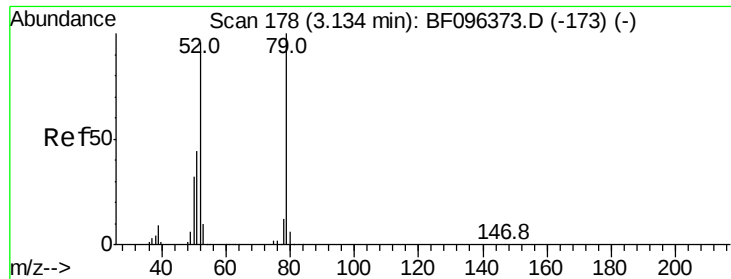
#2
 1,4-Dioxane
 Concen: 37.12 ng
 RT: 2.37 min Scan# 48
 Delta R.T. -0.06 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion: 88 Resp: 127400
 Ion Ratio Lower Upper
 88 100
 58 98.9 61.4 92.0#
 43 40.1 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: 38.48 ng

RT: 3.07 min Scan# 168

Delta R.T. -0.06 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

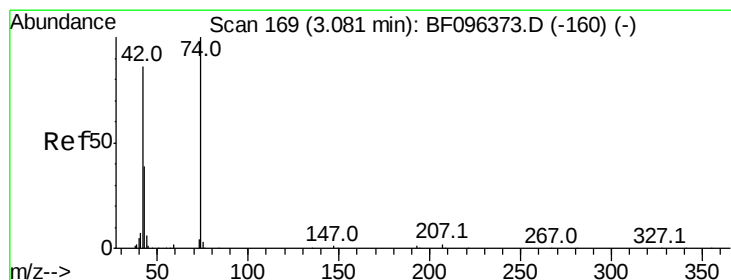
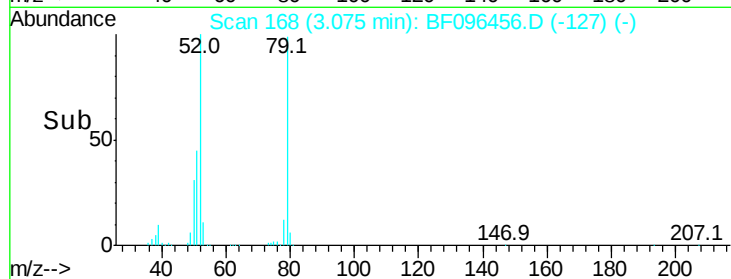
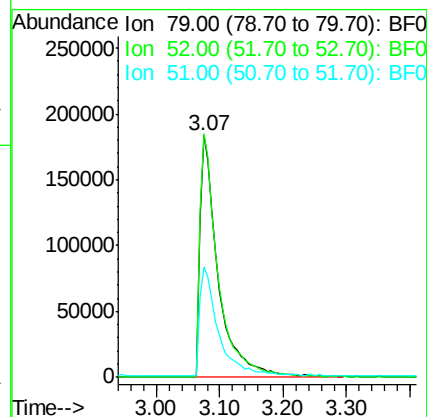
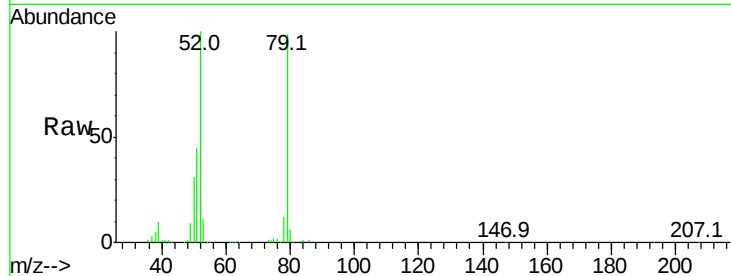
Tot Ion: 79 Resp: 362376

Ion Ratio Lower Upper

79 100

52 100.5 54.8 82.2#

51 45.6 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 39.13 ng

RT: 3.02 min Scan# 158

Delta R.T. -0.06 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

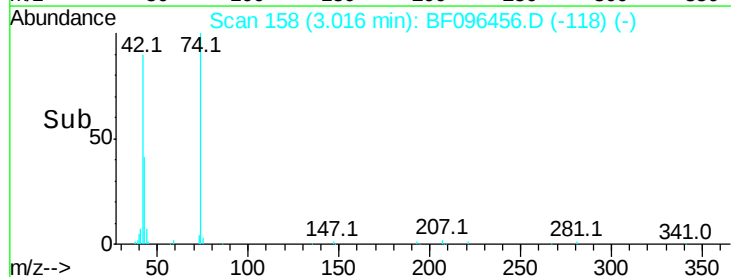
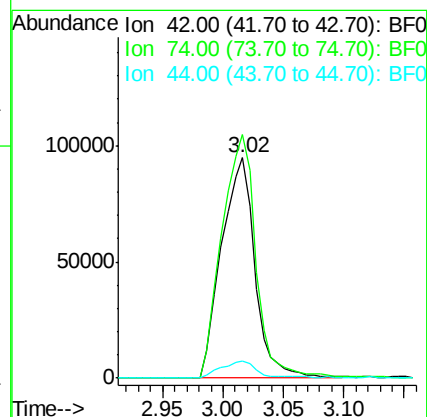
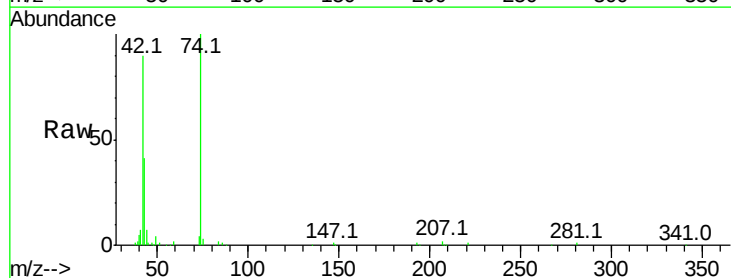
Tgt Ion: 42 Resp: 181882

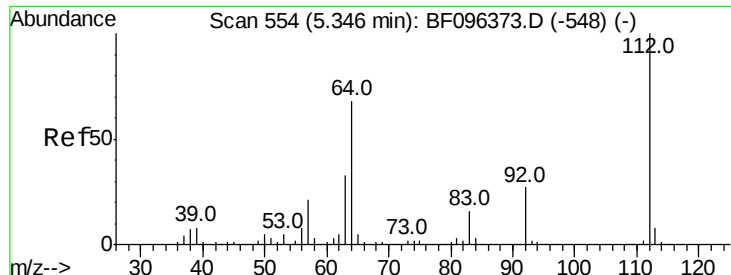
Ion Ratio Lower Upper

42 100

74 110.6 103.9 155.9

44 7.9 5.7 8.5

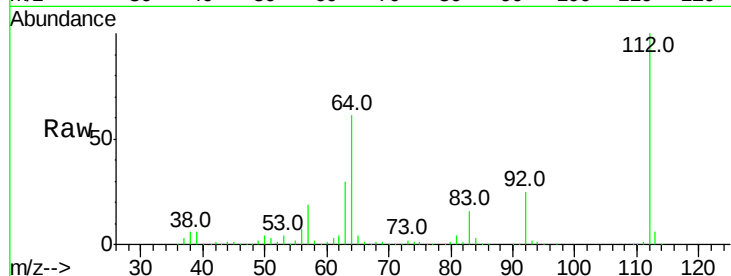




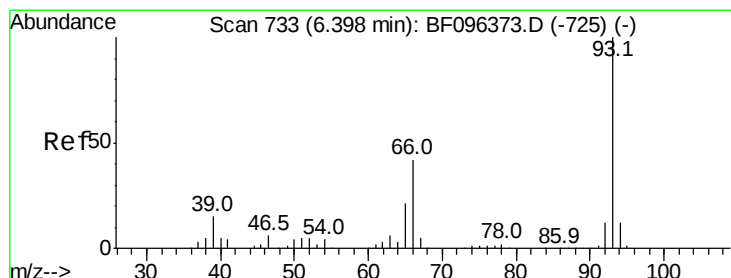
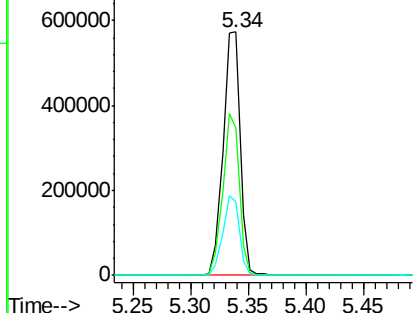
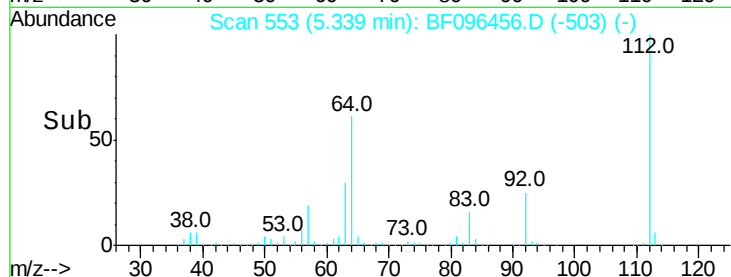
#5
 2-Fluorophenol
 Concen: 82.13 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	60.8	46.0	69.0
63	30.0	23.4	35.0

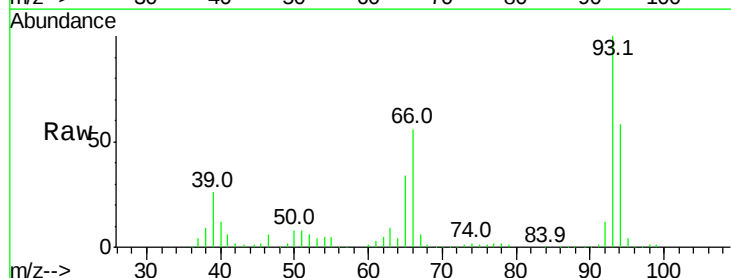


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

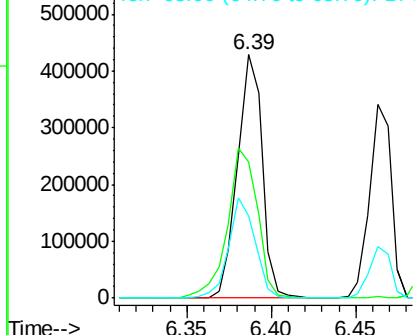
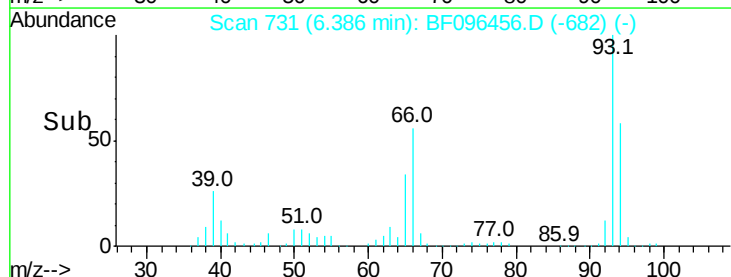


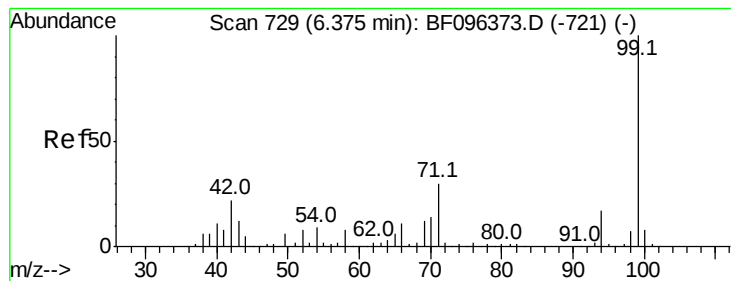
#6
 Aniline
 Concen: 38.25 ng
 RT: 6.39 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
93	100		
66	55.9	32.9	49.3#
65	33.8	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: 75.36 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

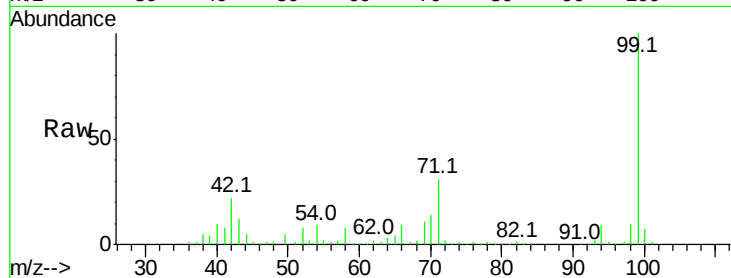
Tot Ion: 99 Resp: 670539

Ion Ratio Lower Upper

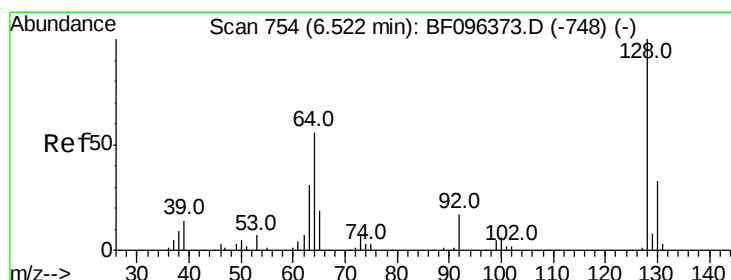
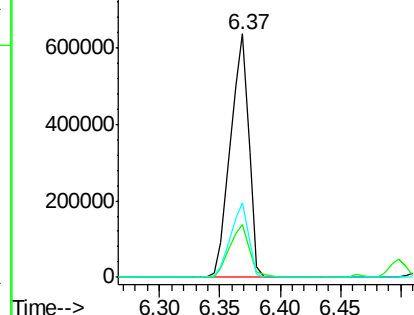
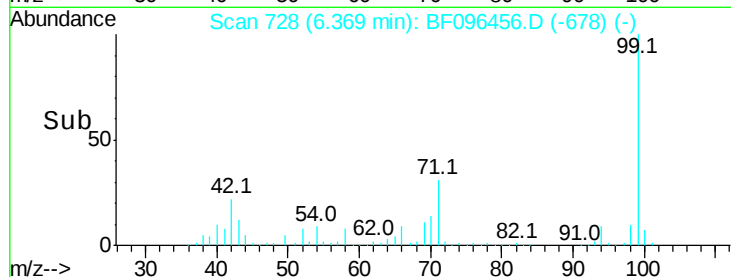
99 100

42 21.9 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: 39.50 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

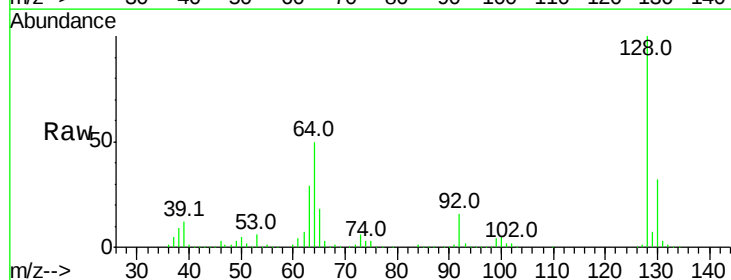
Tgt Ion:128 Resp: 304869

Ion Ratio Lower Upper

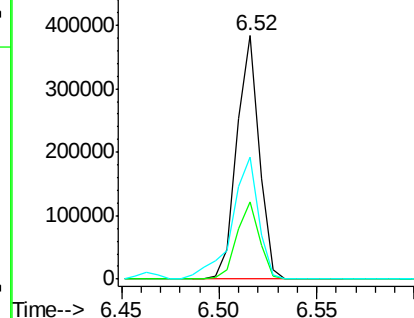
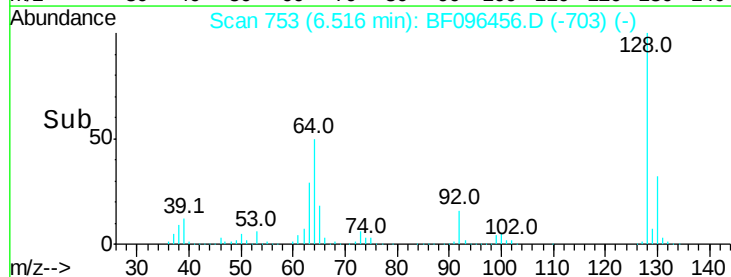
128 100

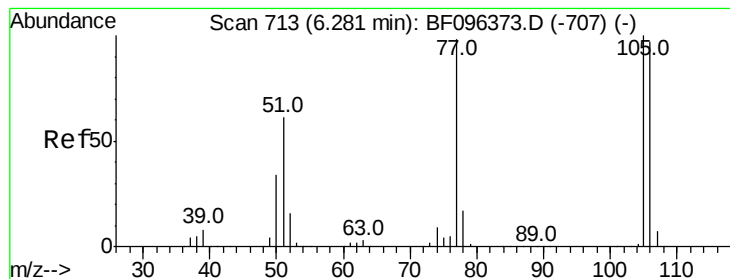
130 31.7 12.9 52.9

64 50.1 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.63 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampled :

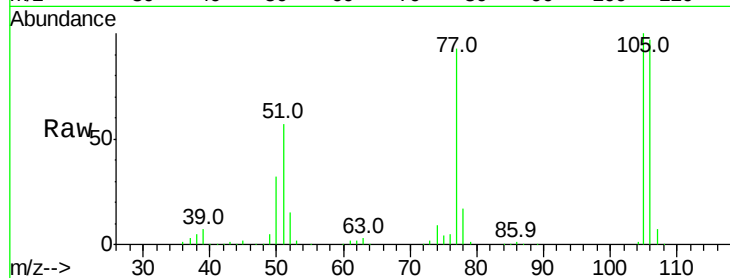
Tot Ion: 77 Resp: 192864

Ion Ratio Lower Upper

77 100

105 107.3 83.8 123.8

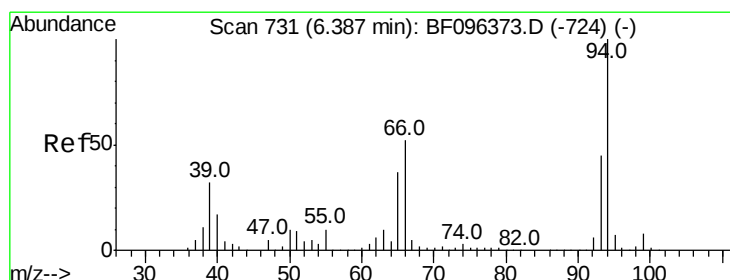
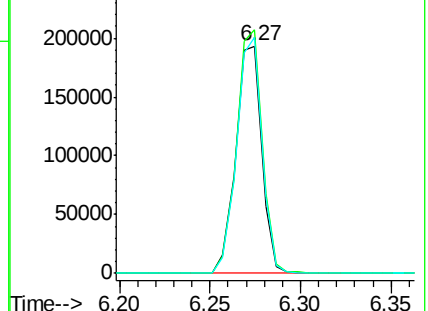
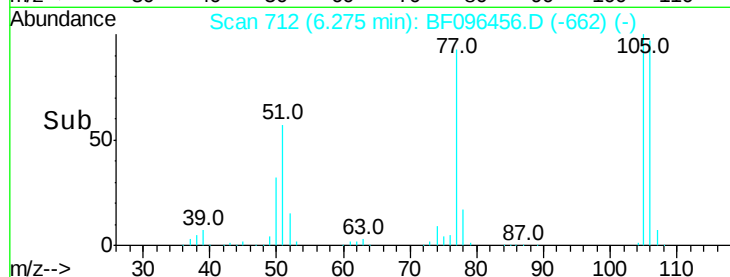
106 103.8 79.1 119.1



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: 36.73 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

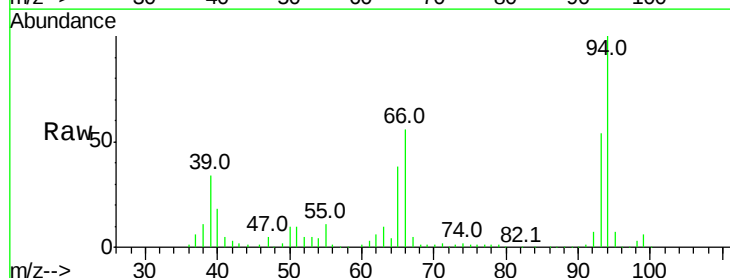
Tgt Ion: 94 Resp: 372350

Ion Ratio Lower Upper

94 100

65 37.8 9.9 49.9

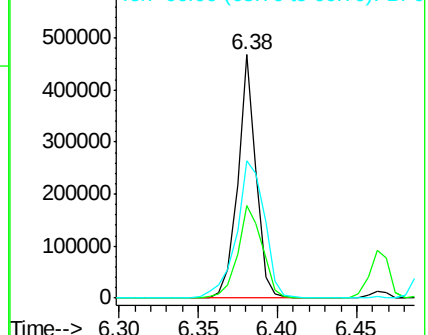
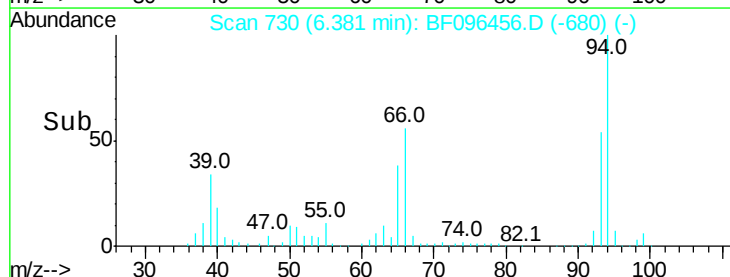
66 56.5 23.1 63.1

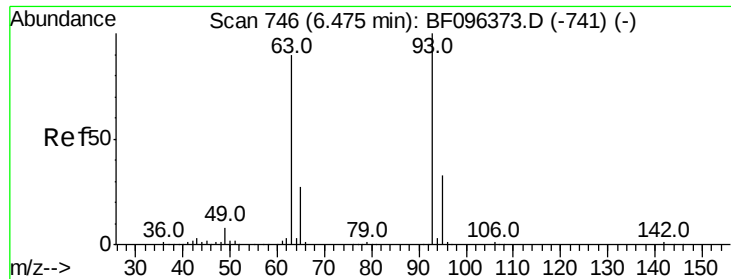


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.99 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

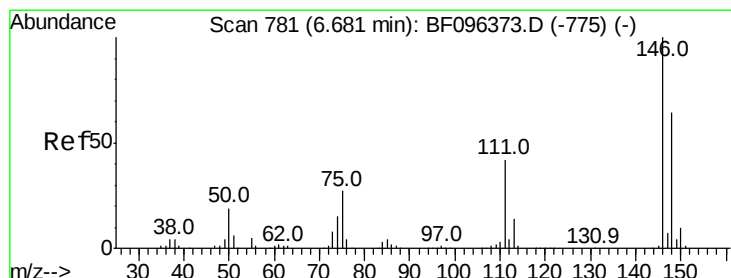
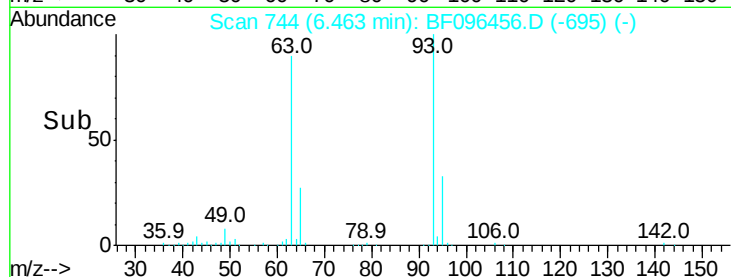
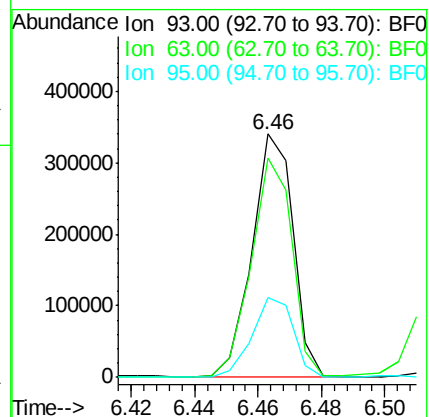
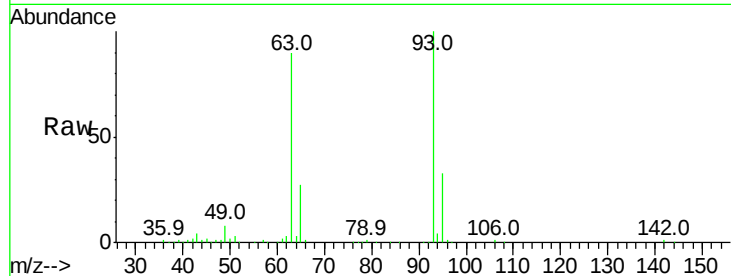
Tot Ion: 93 Resp: 305474

Ion Ratio Lower Upper

93 100

63 90.1 59.2 99.2

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.37 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

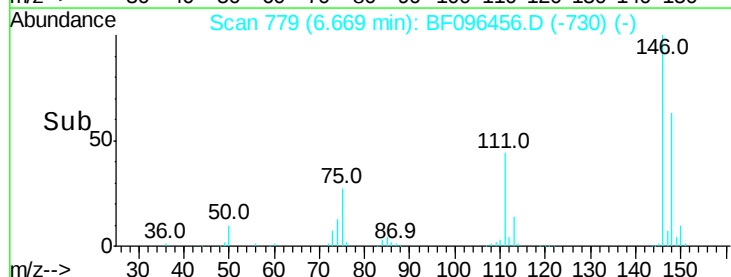
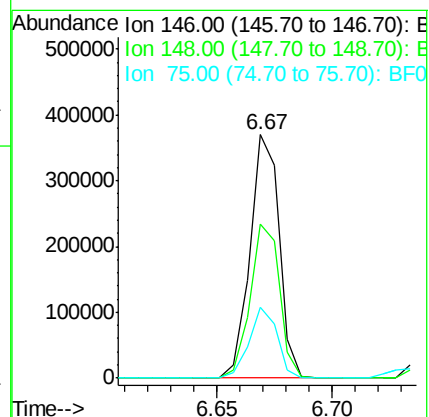
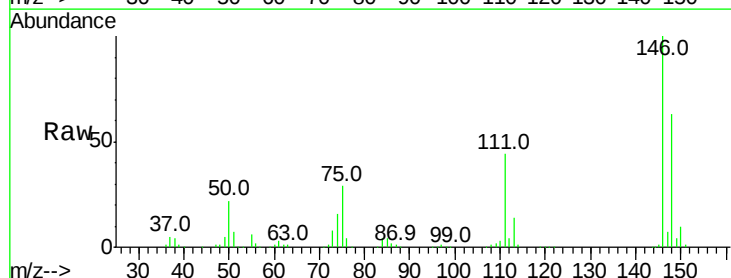
Tgt Ion: 146 Resp: 326691

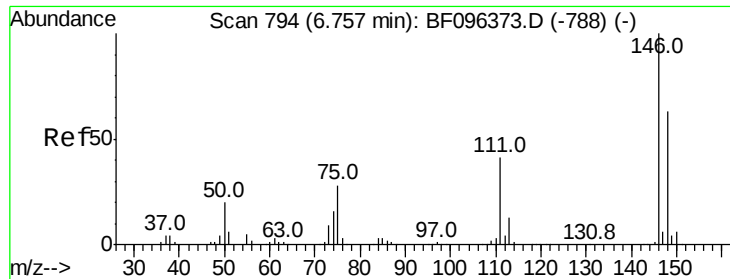
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

75 28.9 23.1 34.7

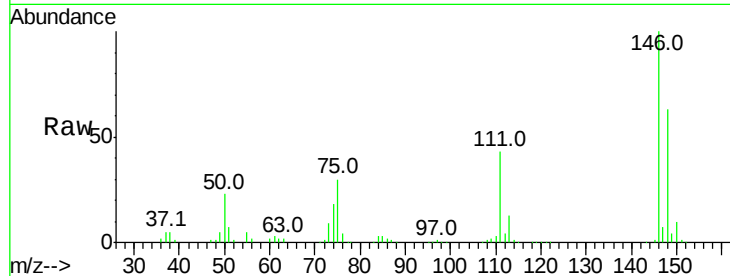




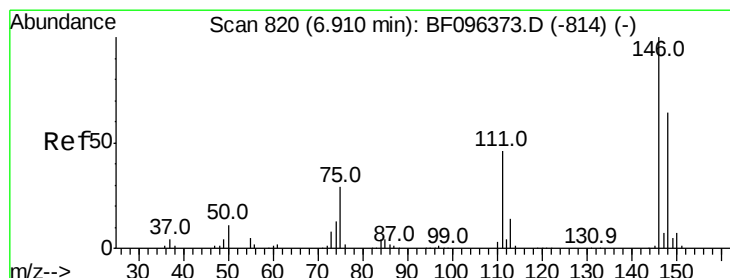
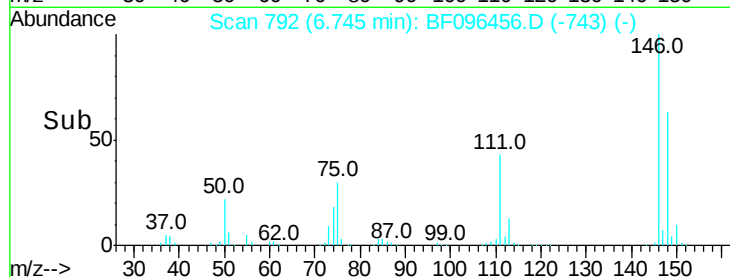
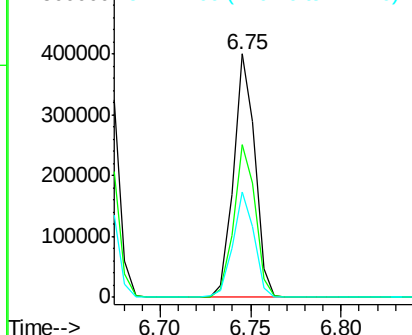
#13
 1,4-Dichlorobenzene
 Concen: 40.47 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 327318
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.2 78.2
 111 43.4 30.3 45.5

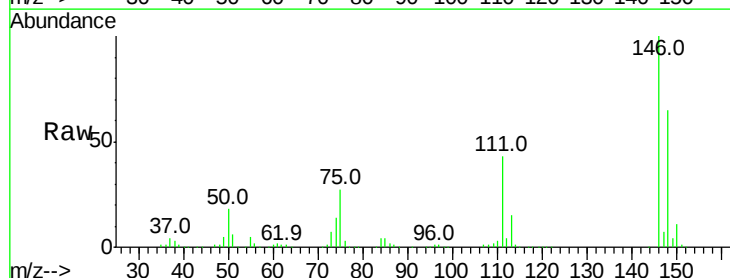


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

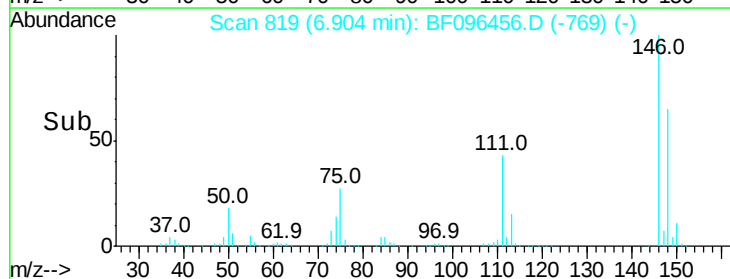
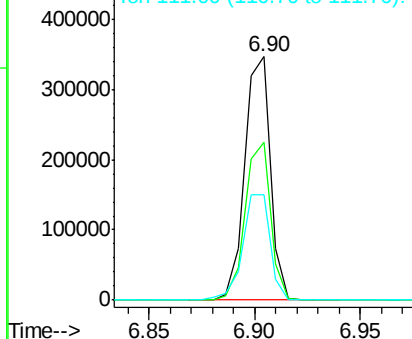


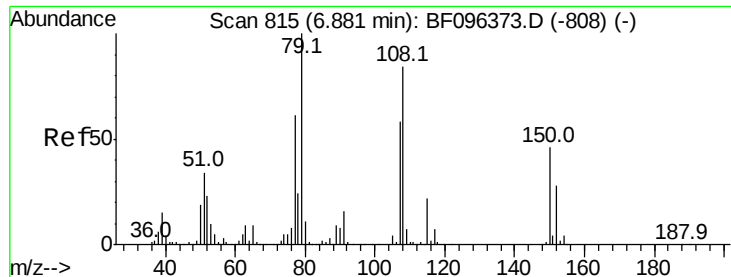
#14
 1,2-Dichlorobenzene
 Concen: 39.25 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion:146 Resp: 291539
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.4 75.6
 111 43.2 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: 34.72 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

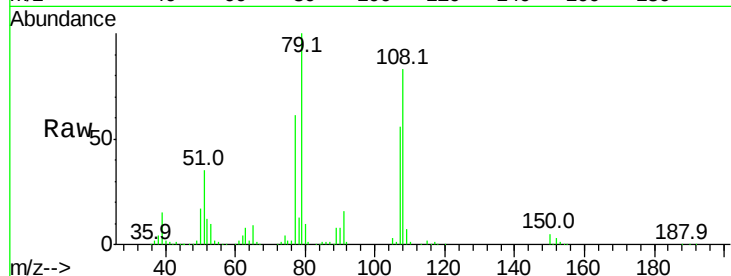
Tot Ion: 79 Resp: 206516

Ion Ratio Lower Upper

79 100

108 83.2 63.4 95.0

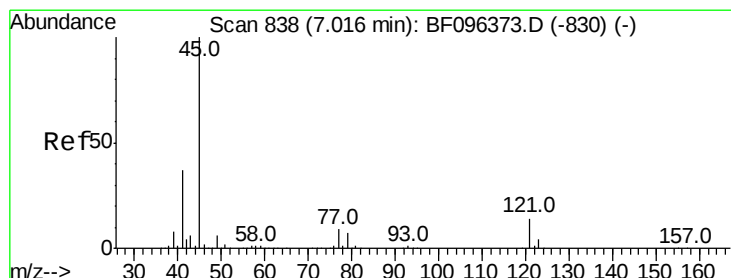
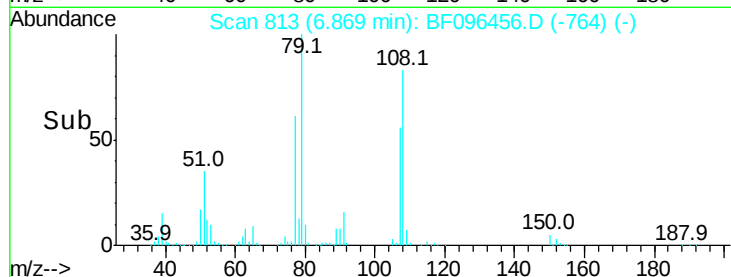
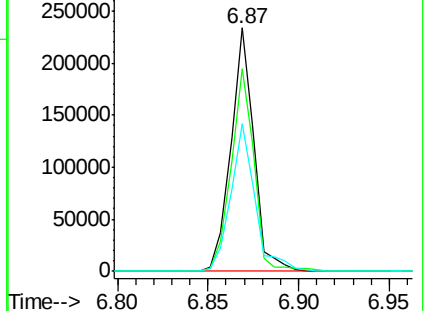
77 60.6 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.64 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

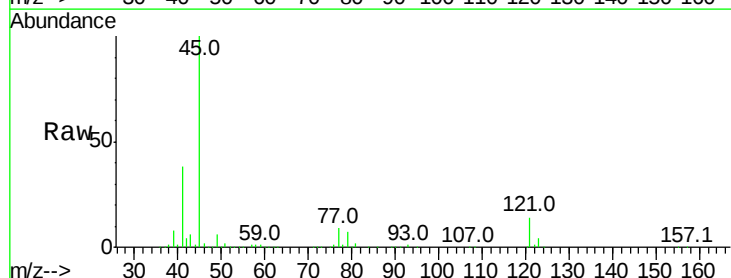
Tgt Ion: 45 Resp: 615405

Ion Ratio Lower Upper

45 100

77 9.2 0.0 33.2

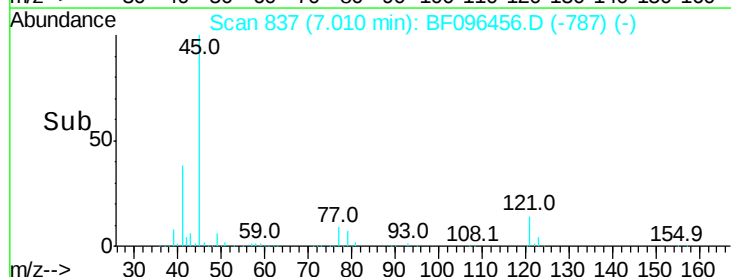
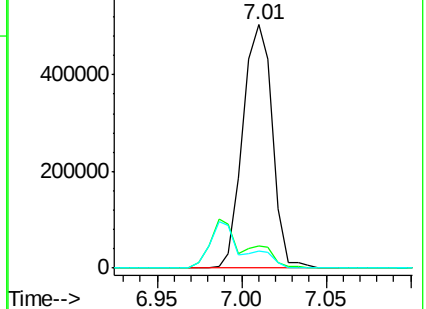
79 7.1 0.0 30.0

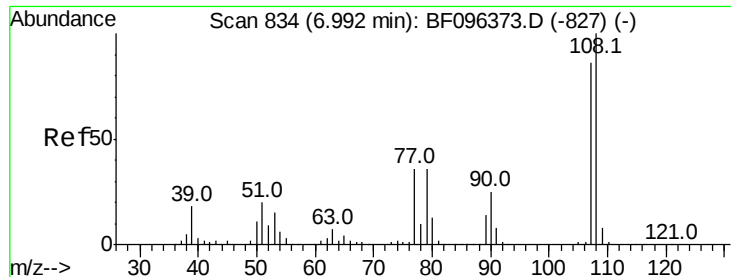


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.97 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 227393

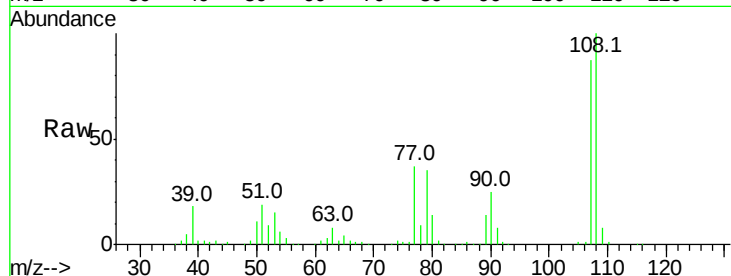
Ion Ratio Lower Upper

107 100

108 114.9 93.4 140.0

77 42.1 35.8 53.6

79 40.5 34.8 52.2

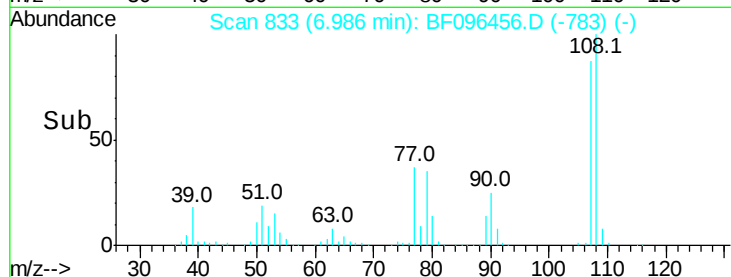


Abundance Ion 107.00 (106.70 to 107.70): E

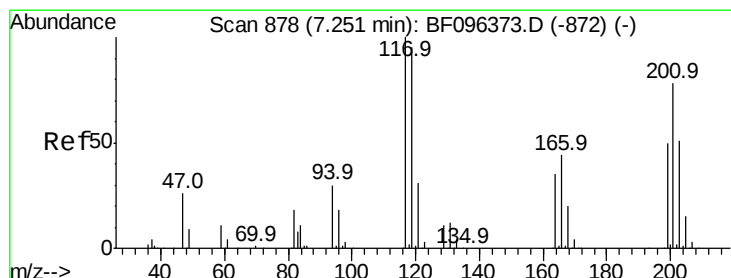
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 20.04 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

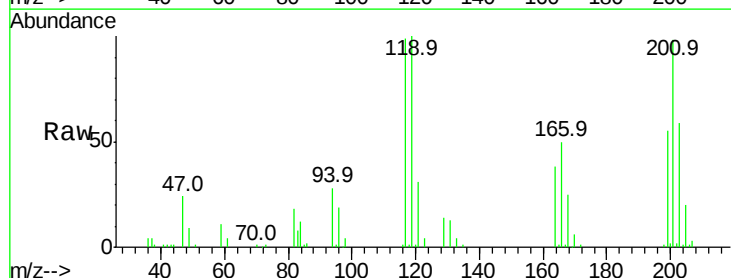
Tgt Ion:117 Resp: 58761

Ion Ratio Lower Upper

117 100

119 101.4 77.4 116.0

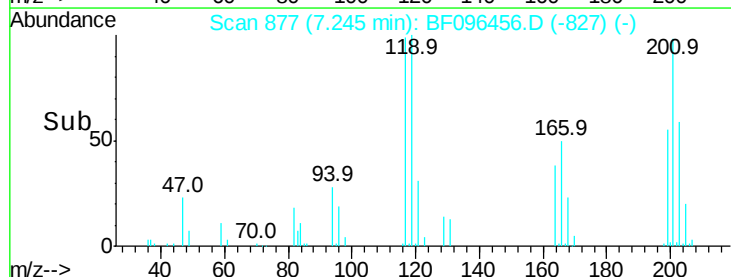
201 98.9 94.6 141.8



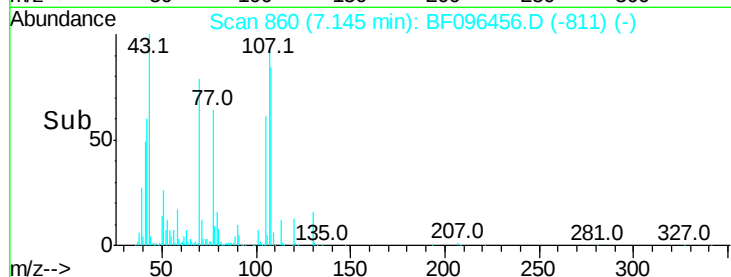
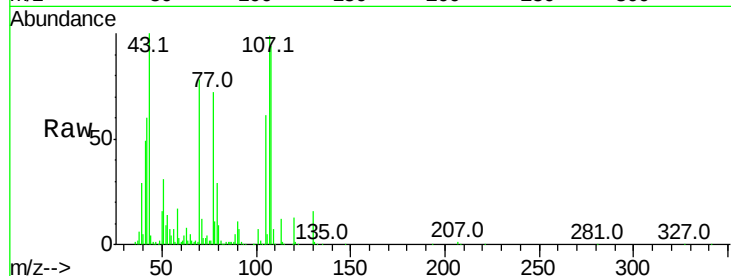
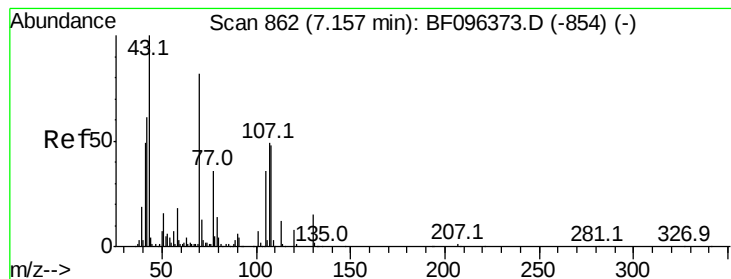
Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.55 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 193725

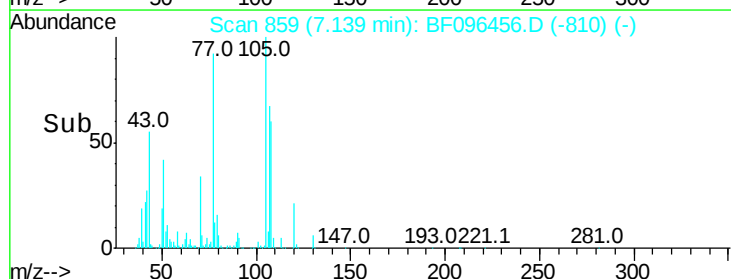
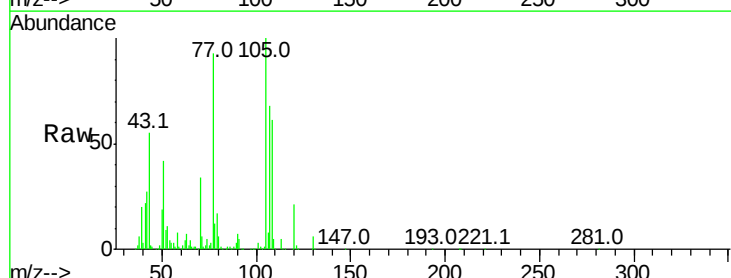
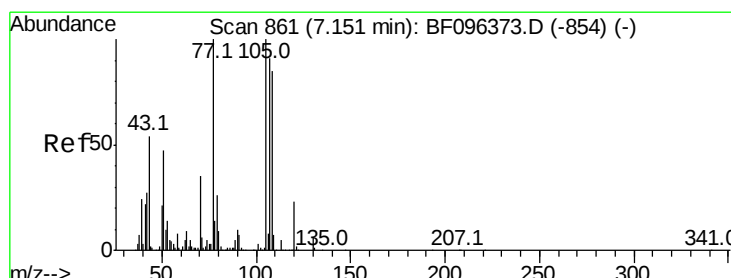
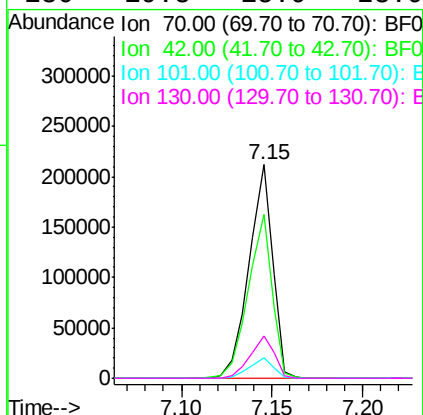
Ion Ratio Lower Upper

70 100

42 76.7 47.2 70.8#

101 9.3 7.2 10.8

130 19.8 15.9 23.9



#20

3+4-Methylphenols

Concen: 39.80 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Tgt Ion:107 Resp: 273069

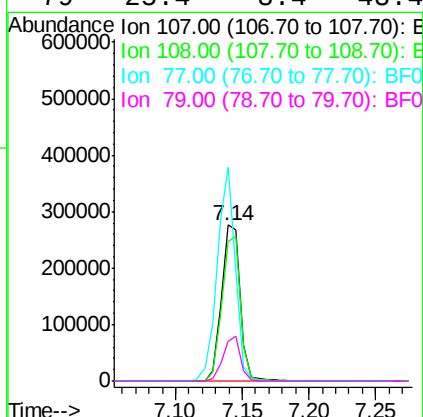
Ion Ratio Lower Upper

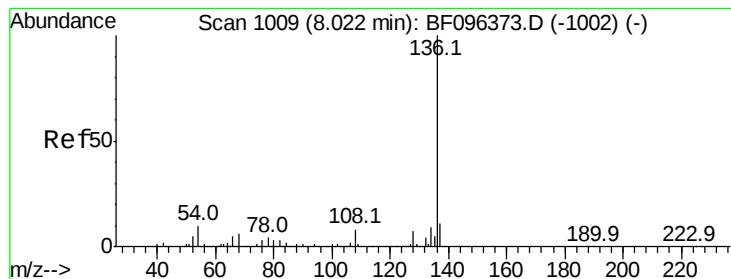
107 100

108 90.0 71.0 111.0

77 137.2 90.5 130.5#

79 25.4 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 393406

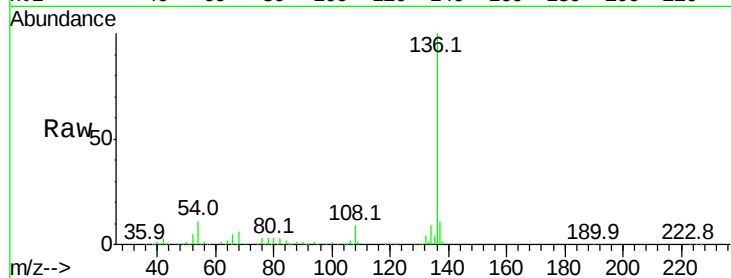
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.5 4.9 7.3#

68 6.3 4.1 6.1#

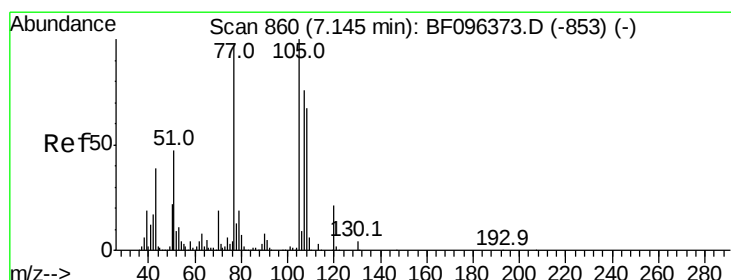
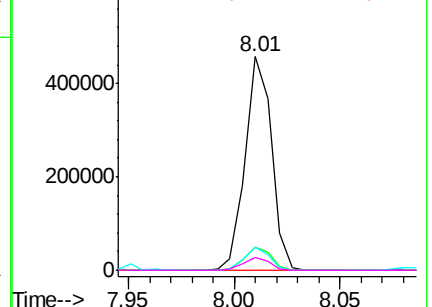
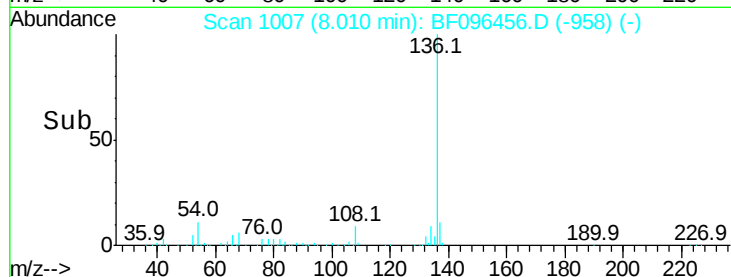


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.59 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Tgt Ion:105 Resp: 374703

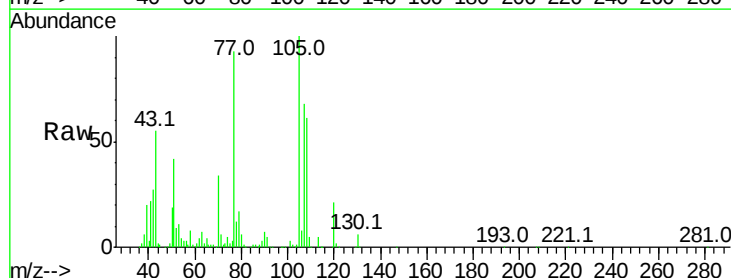
Ion Ratio Lower Upper

105 100

71 5.8 2.8 4.2#

51 42.3 30.7 46.1

120 21.1 17.4 26.0

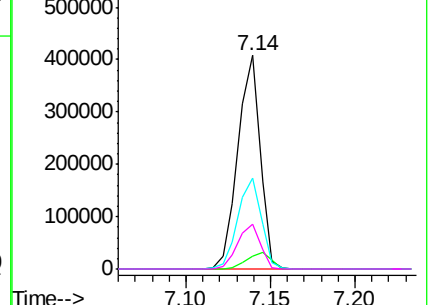
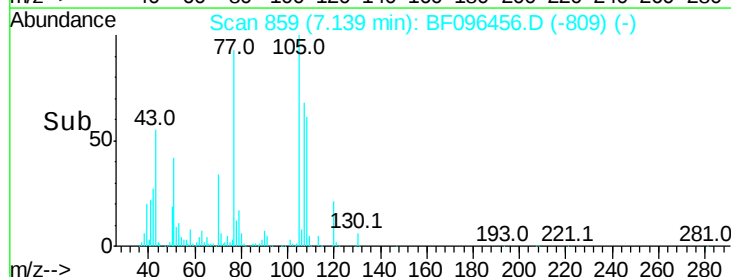


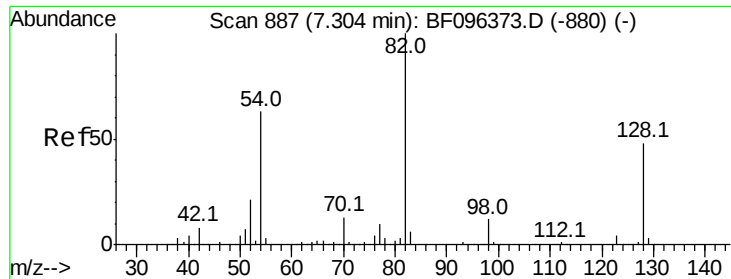
Abundance Ion 105.00 (104.70 to 105.70): E

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

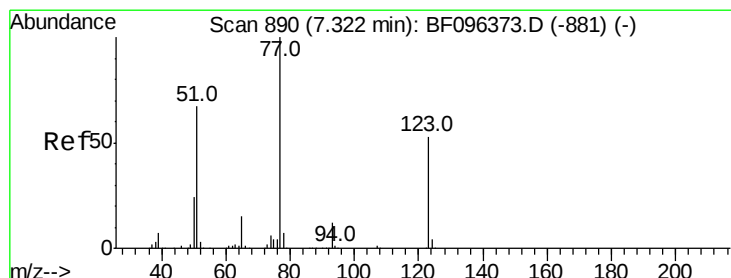
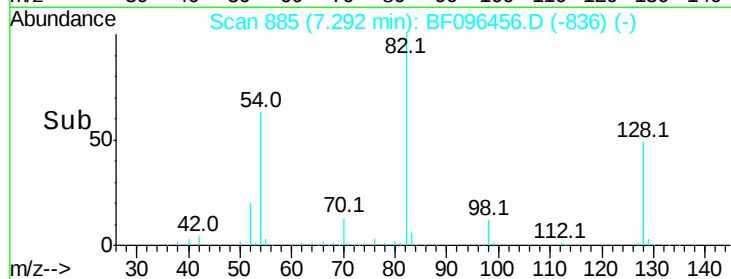
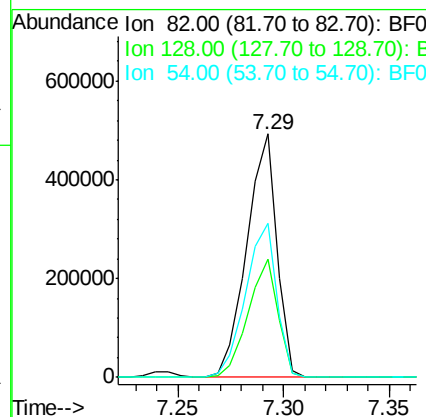
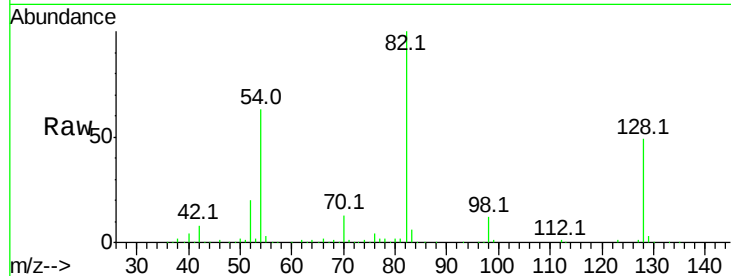




#23
Nitrobenzene-d5
Concen: 74.39 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

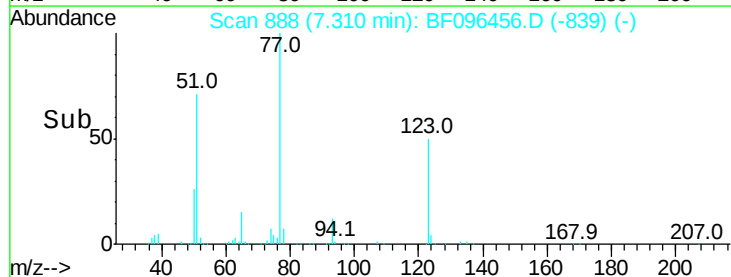
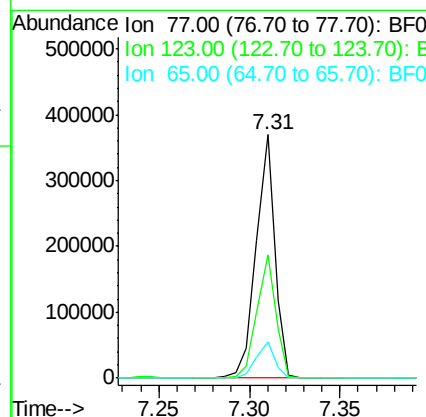
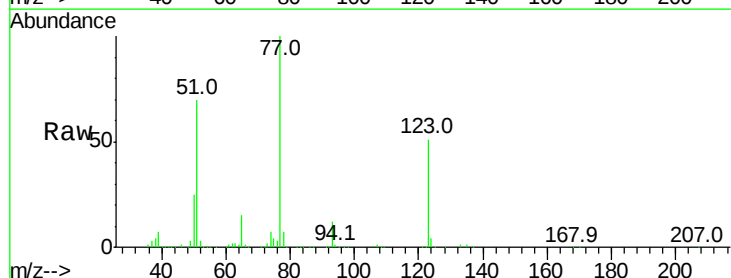
Instrument :
BNA_F
ClientSampleId :

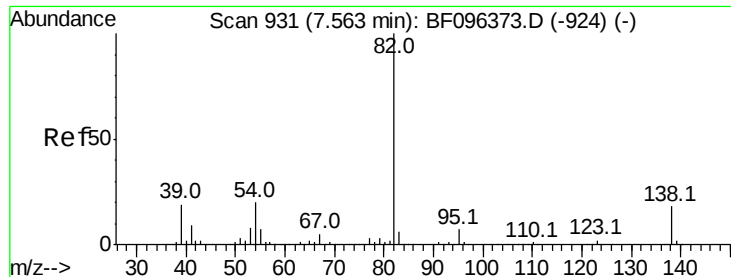
Tot Ion: 82 Resp: 487030
Ion Ratio Lower Upper
82 100
128 48.7 34.0 51.0
54 63.3 42.2 63.2#



#24
Nitrobenzene
Concen: 38.92 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion: 77 Resp: 267272
Ion Ratio Lower Upper
77 100
123 50.6 35.8 53.8
65 14.9 10.6 15.8





#25

Isophorone

Concen: 39.34 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

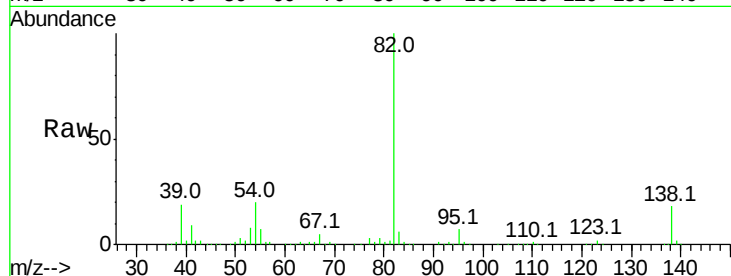
Tot Ion: 82 Resp: 499356

Ion Ratio Lower Upper

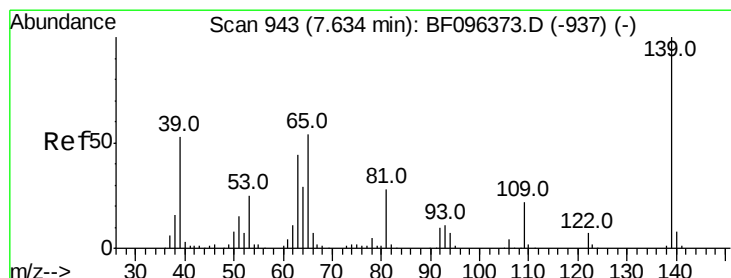
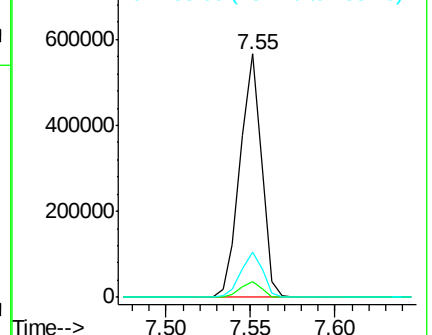
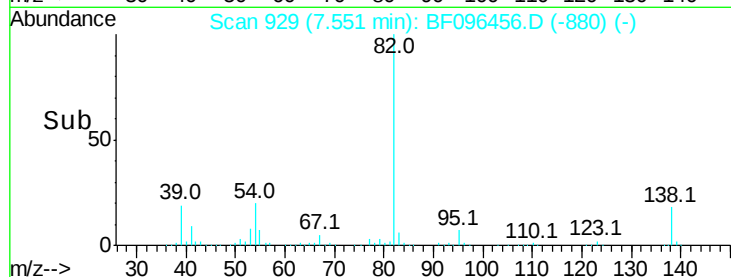
82 100

95 6.6 5.3 7.9

138 18.3 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): BF0



#26

2-Nitrophenol

Concen: 17.51 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

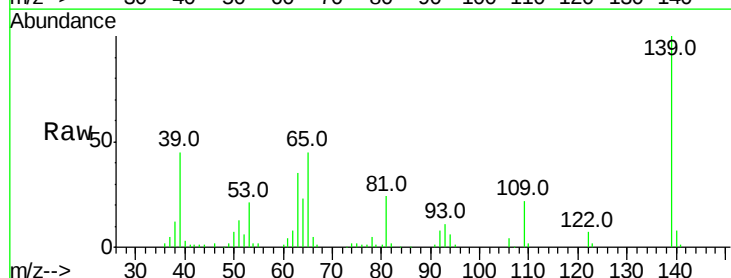
Tgt Ion:139 Resp: 63635

Ion Ratio Lower Upper

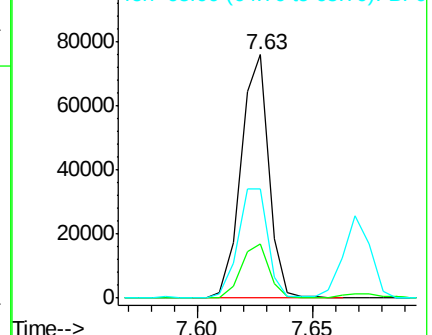
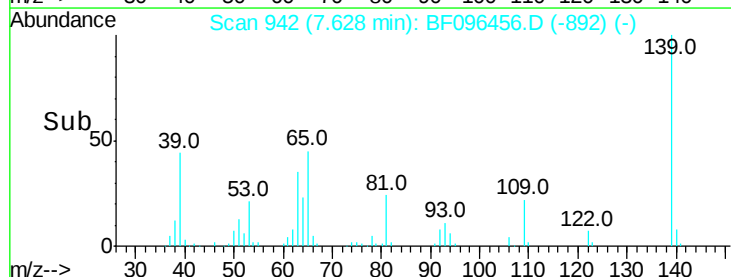
139 100

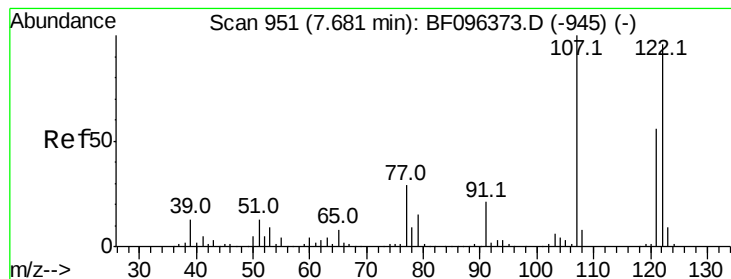
109 22.4 21.0 31.6

65 44.7 33.0 49.6



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





#27

2,4-Dimethylphenol

Concen: 36.86 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

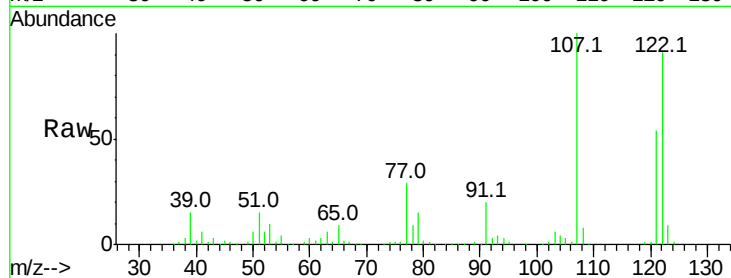
Tot Ion:122 Resp: 228126

Ion Ratio Lower Upper

122 100

107 109.4 89.2 133.8

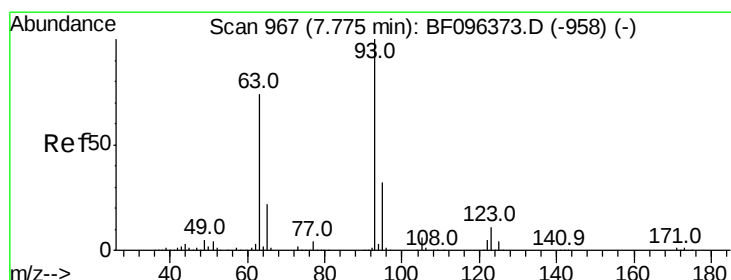
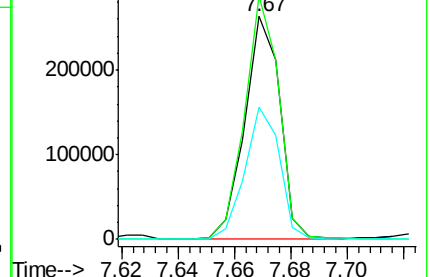
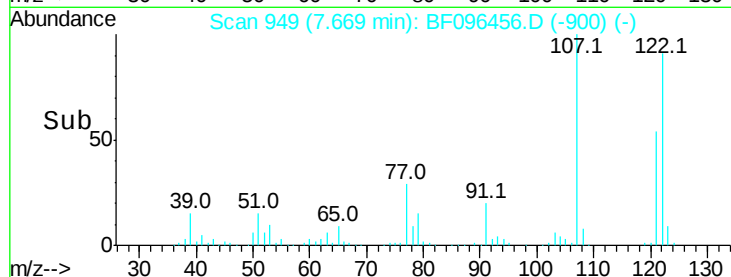
121 59.5 45.2 67.8



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: 41.32 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

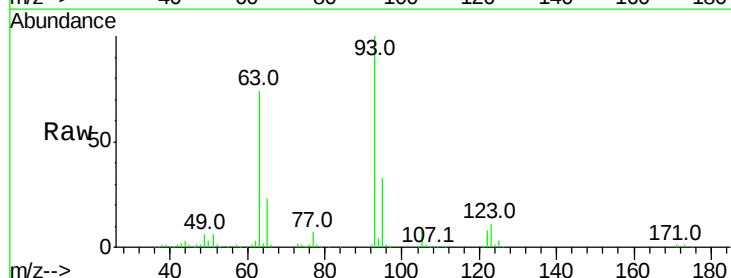
Tgt Ion: 93 Resp: 346200

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

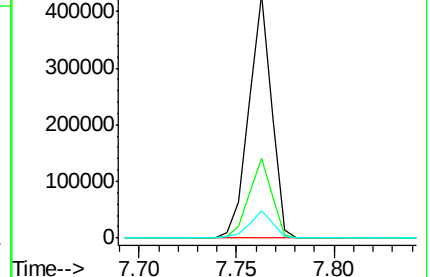
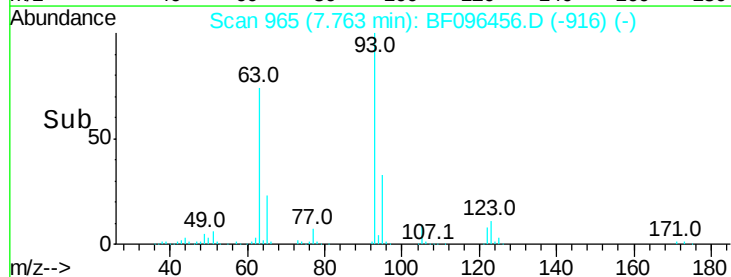
123 11.1 9.0 13.4

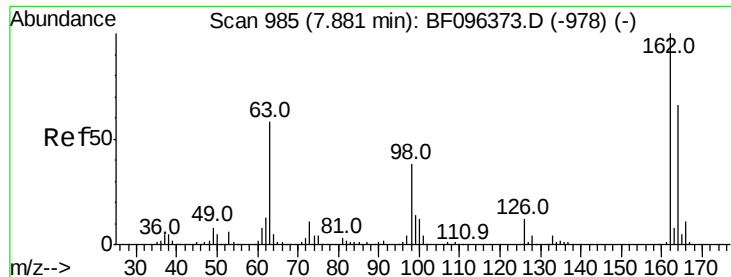


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

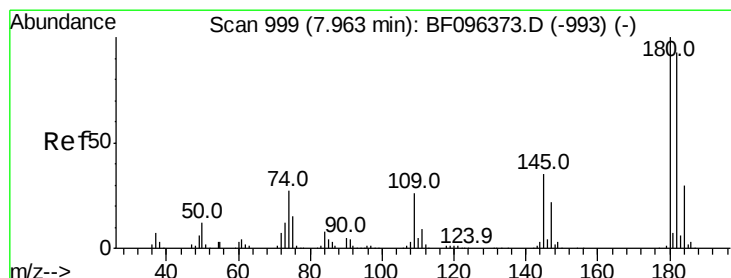
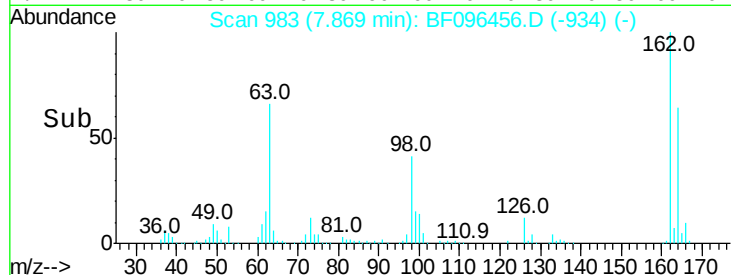
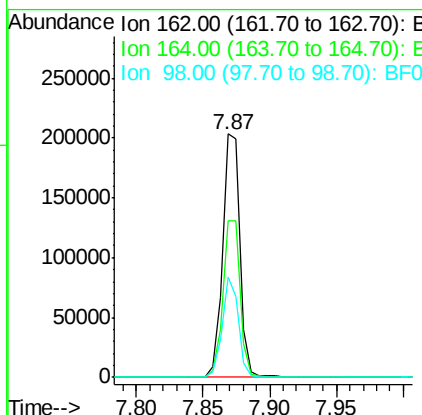
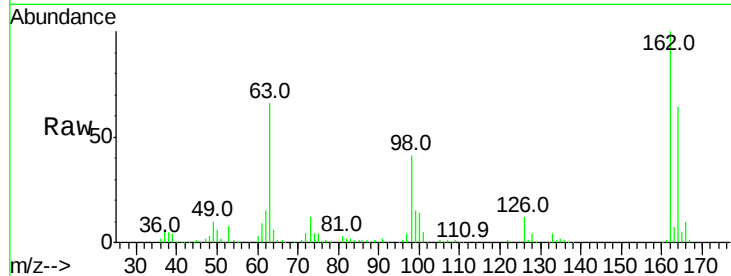




#29
 2,4-Dichlorophenol
 Concen: 35.06 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

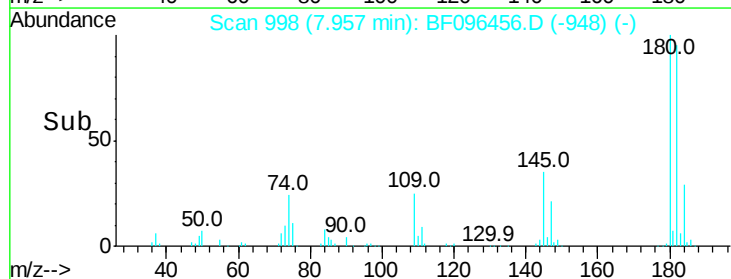
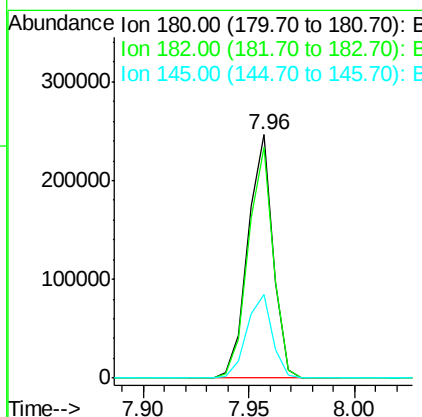
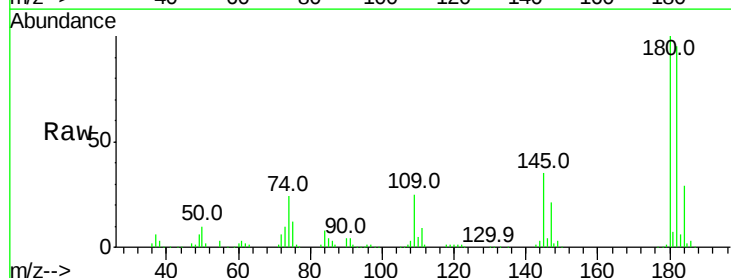
Instrument :
 BNA_F
 ClientSampleId :

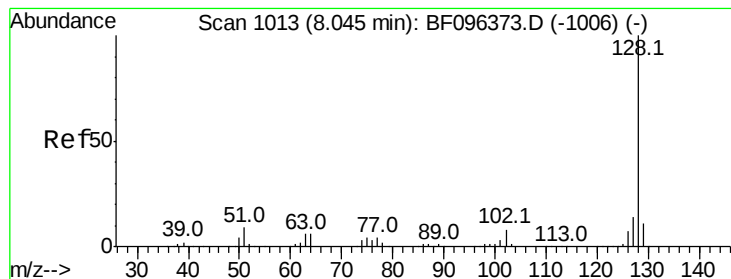
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	41.1	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.36 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	34.6	25.3	37.9





#31

Naphthalene

Concen: 36.30 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

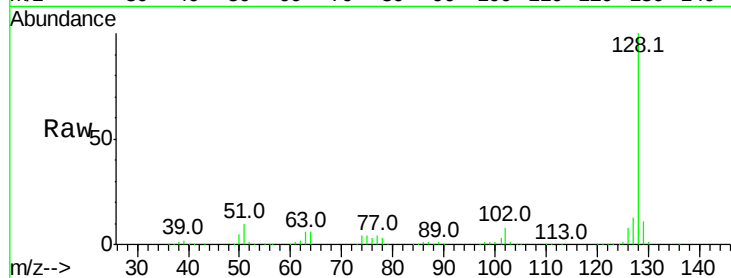
Tot Ion:128 Resp: 674262

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

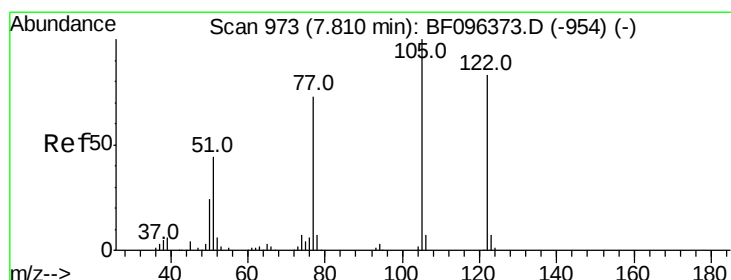
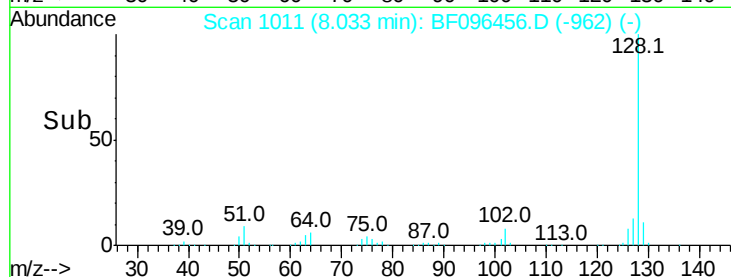
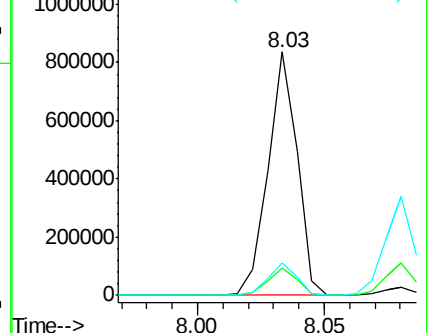
127 13.1 10.8 16.2



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: 15.15 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.04 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

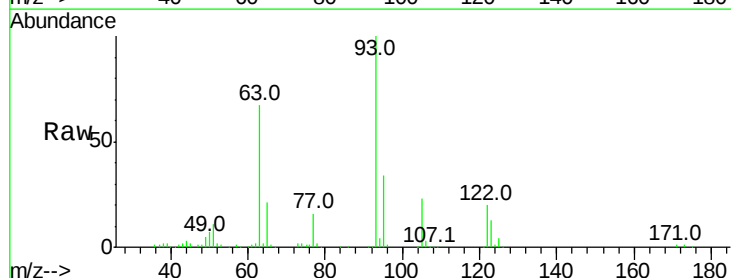
Tgt Ion:122 Resp: 78777

Ion Ratio Lower Upper

122 100

105 115.6 103.3 143.3

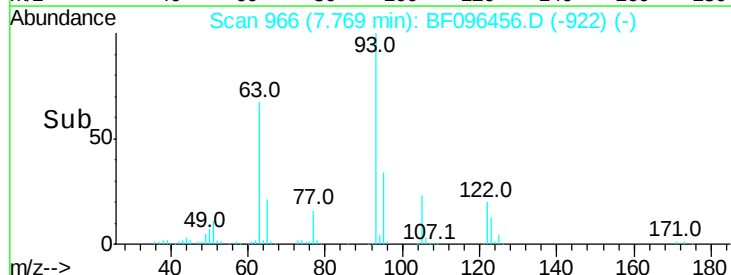
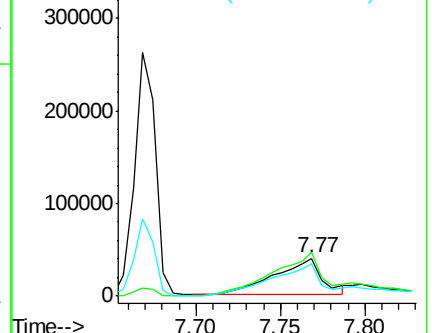
77 84.2 73.7 113.7

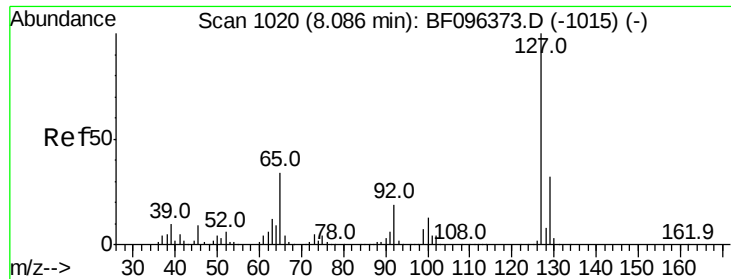


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

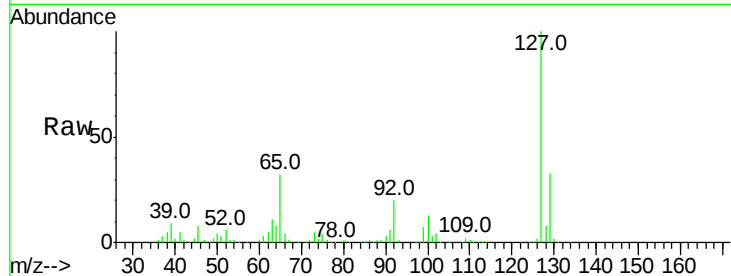




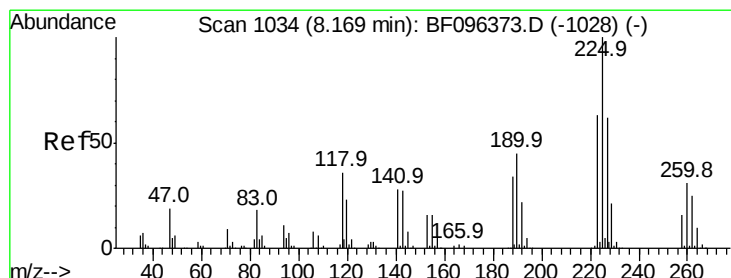
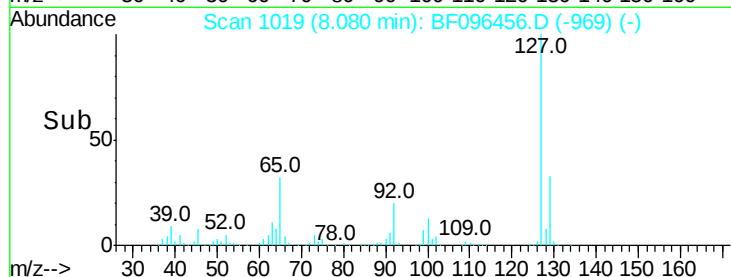
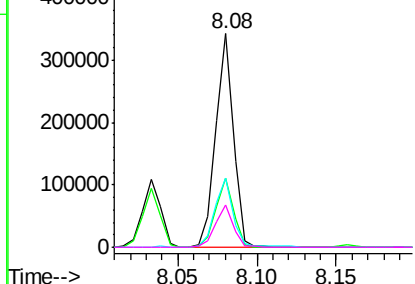
#33
4-Chloroaniline
Concen: 34.52 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	266308
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	32.4	27.8	41.8
92	19.8	16.8	25.2

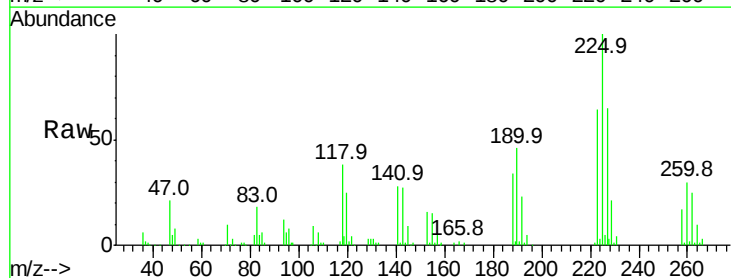


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

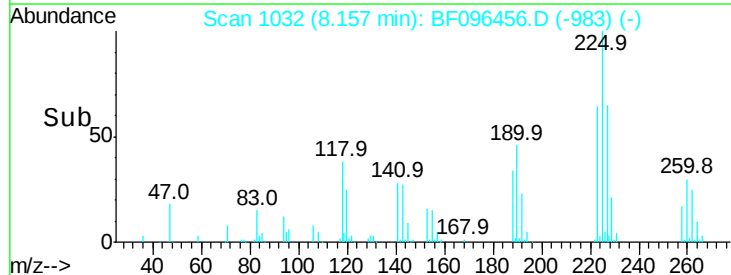
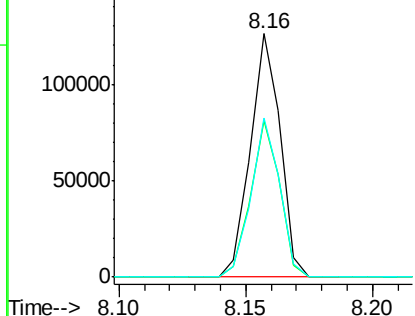


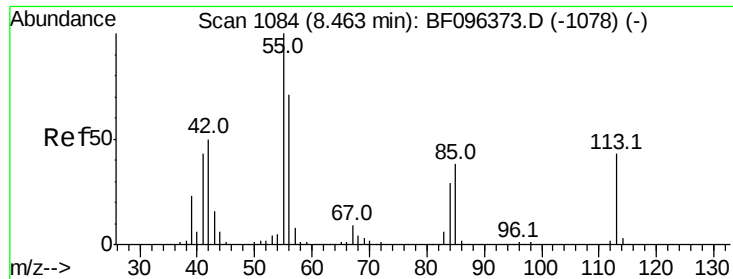
#34
Hexachlorobutadiene
Concen: 39.84 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion:	225	Resp:	102930
Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.8	73.2
227	65.3	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

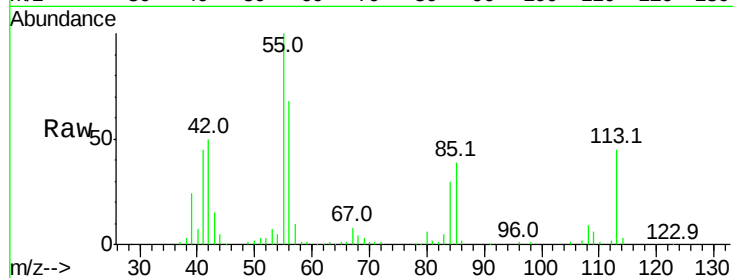




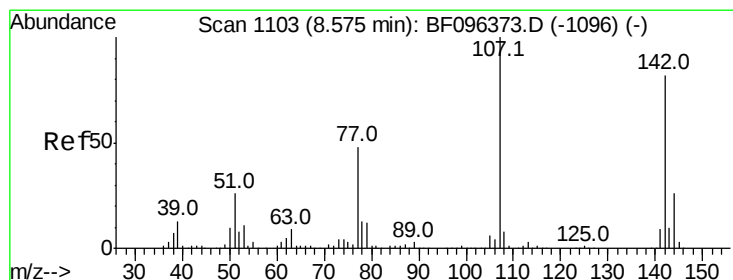
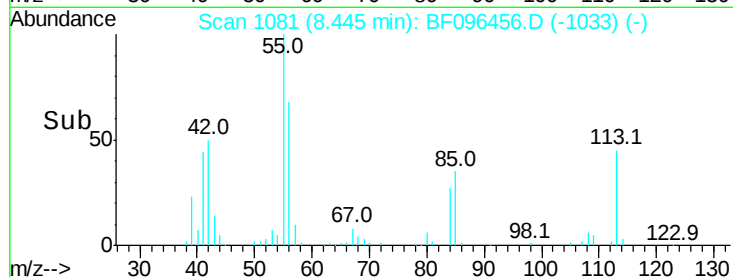
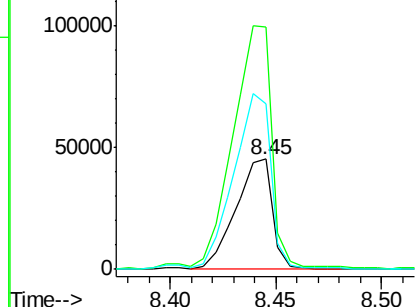
#35
Caprolactam
Concen: 29.59 ng
RT: 8.45 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 54500
Ion Ratio Lower Upper
113 100
55 220.3 150.2 190.2#
56 150.6 107.8 147.8#

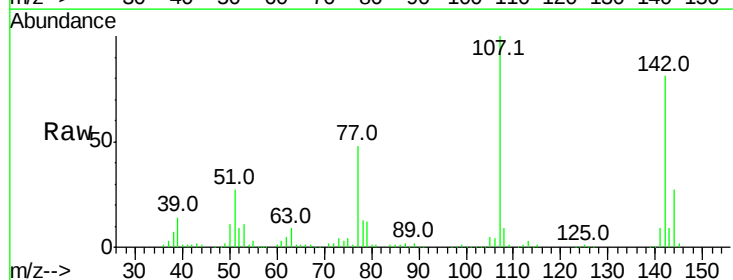


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

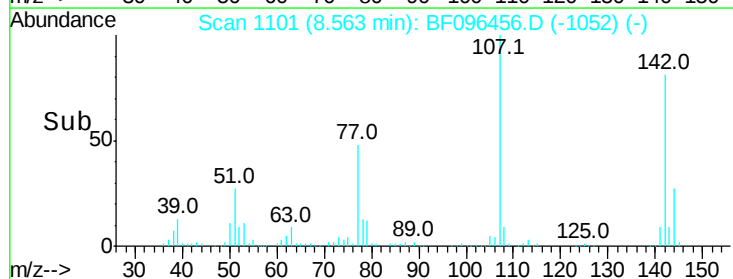
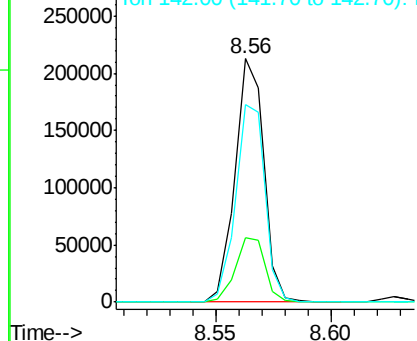


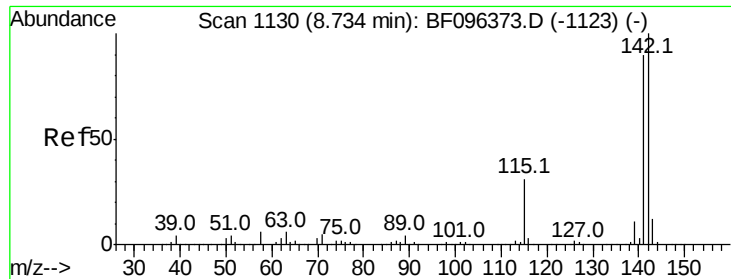
#36
4-Chloro-3-methylphenol
Concen: 31.40 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion:107 Resp: 185571
Ion Ratio Lower Upper
107 100
144 26.6 24.2 36.4
142 81.0 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

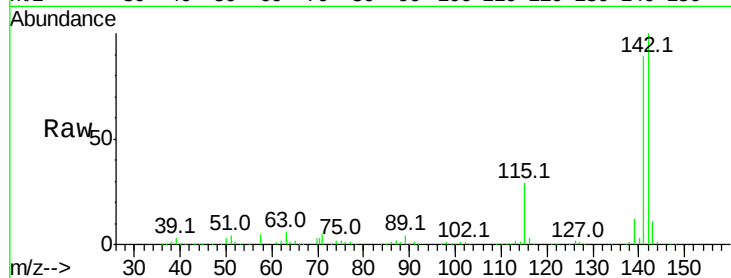




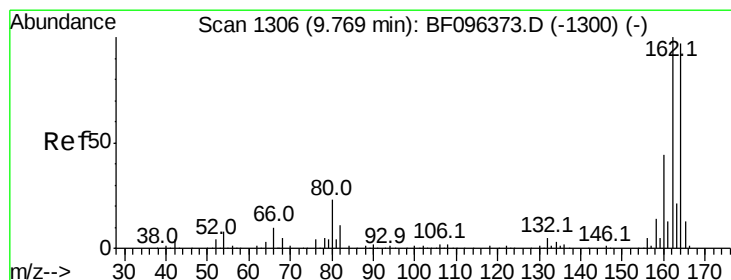
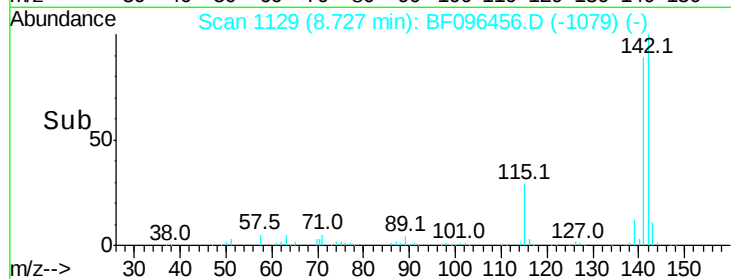
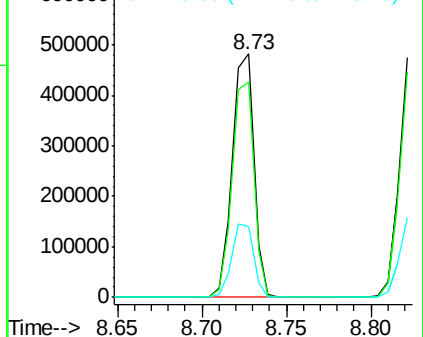
#37
 2-Methylnaphthalene
 Concen: 36.35 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 429704
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.3 106.9
 115 29.3 27.1 40.7

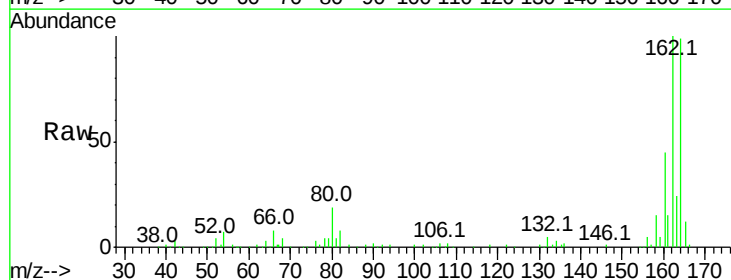


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

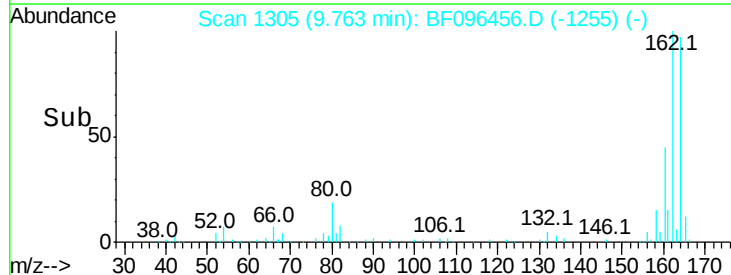
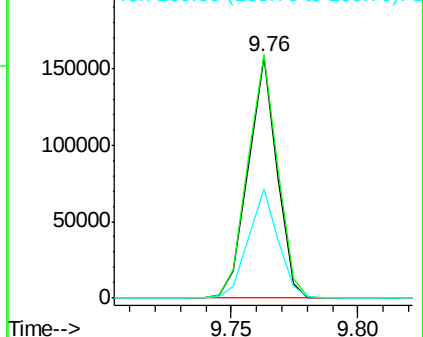


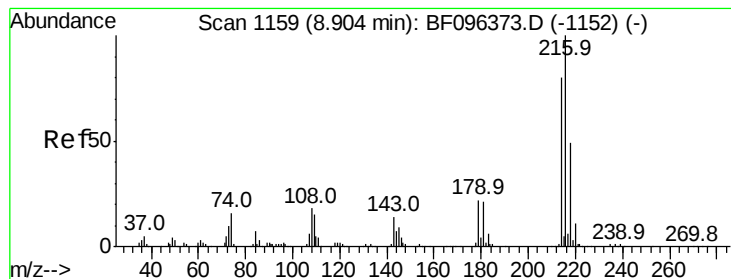
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion:164 Resp: 124435
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.6 123.8
 160 45.1 36.2 54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.66 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 170156

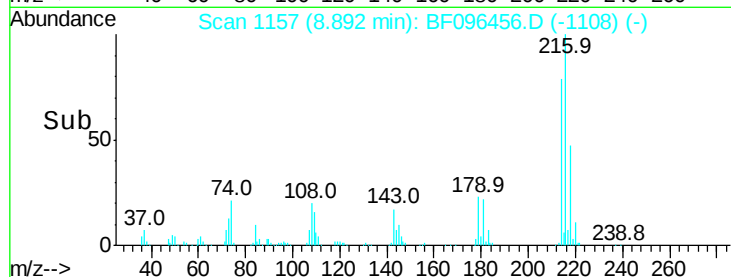
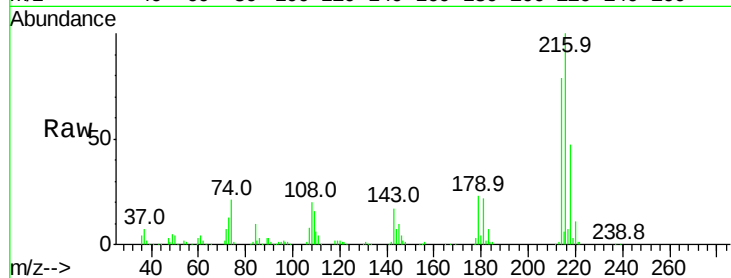
Ion Ratio Lower Upper

216 100

214 80.4 63.4 95.2

179 22.8 17.9 26.9

108 19.4 16.5 24.7

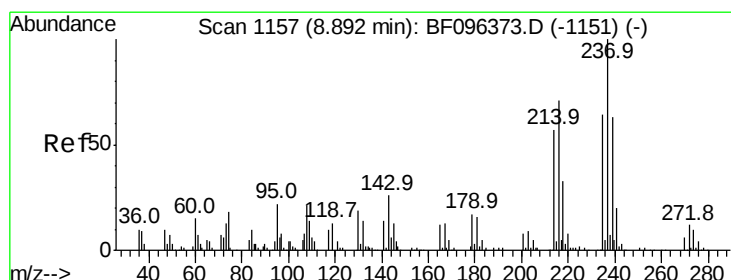
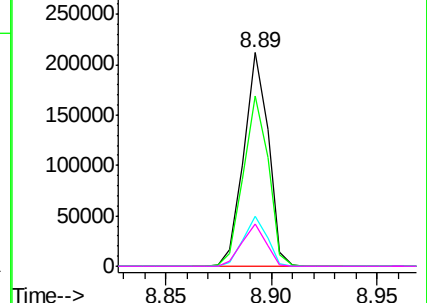


Abundance Ion 216.00 (215.70 to 216.70): E

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: 3.16 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

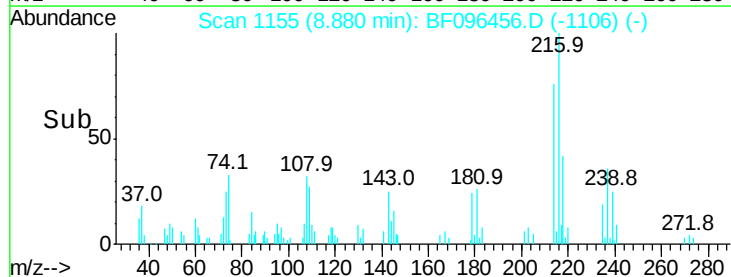
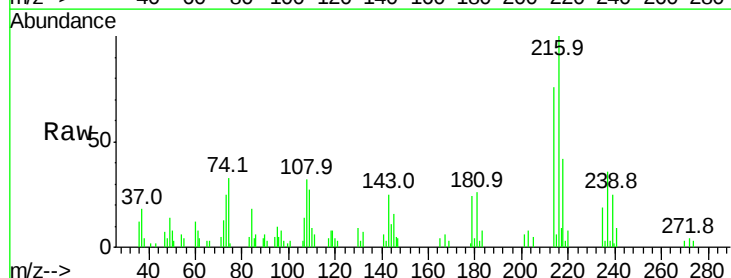
Tgt Ion:237 Resp: 4969

Ion Ratio Lower Upper

237 100

235 52.4 42.6 82.6

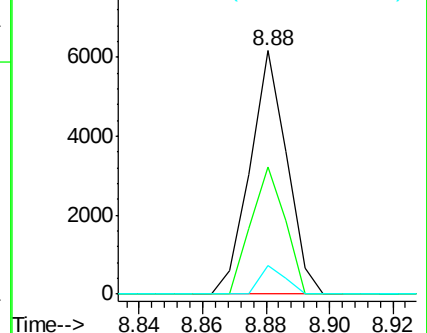
272 11.5 0.0 31.9

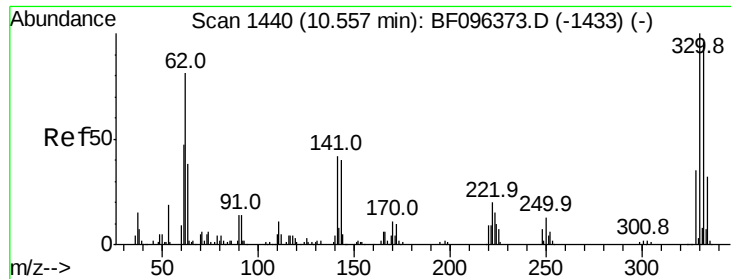


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

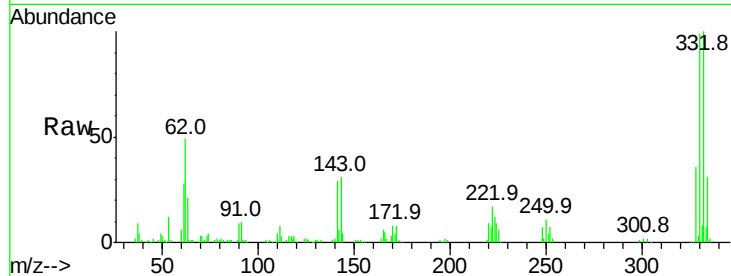




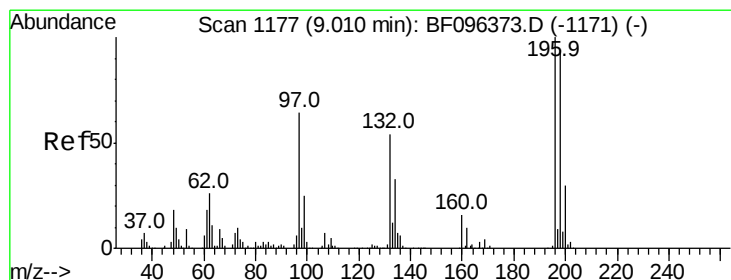
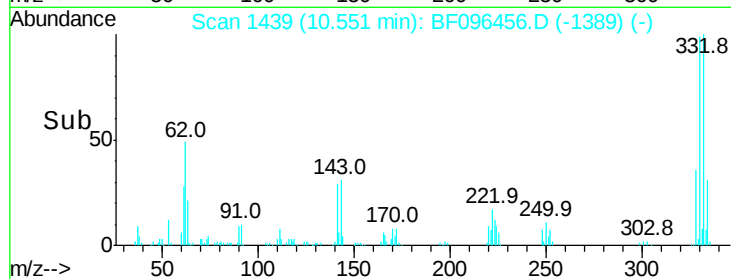
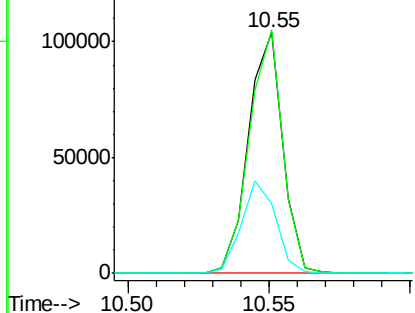
#41
 2,4,6-Tribromophenol
 Concen: 90.09 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 87564
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 115.0
 141 38.3 31.4 47.2

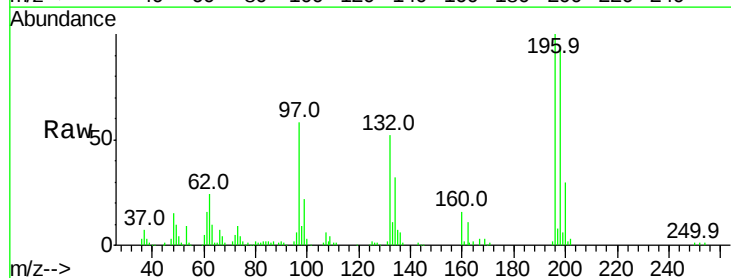


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

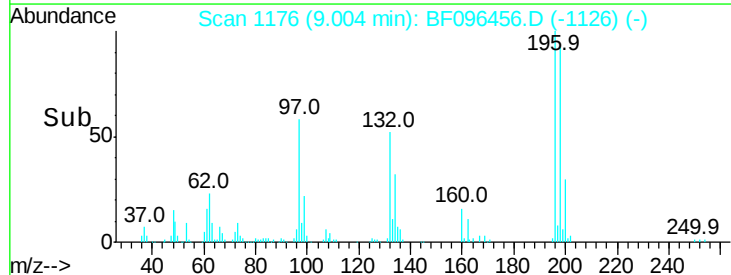
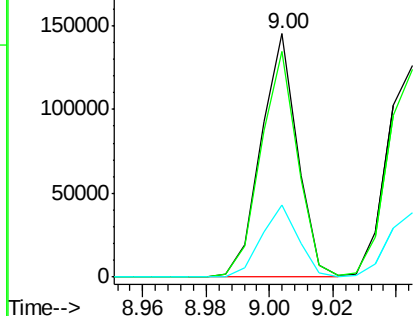


#42
 2,4,6-Trichlorophenol
 Concen: 45.16 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion:196 Resp: 115421
 Ion Ratio Lower Upper
 196 100
 198 92.8 74.2 111.4
 200 29.7 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

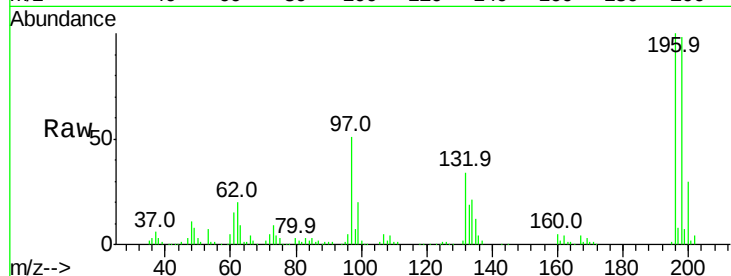




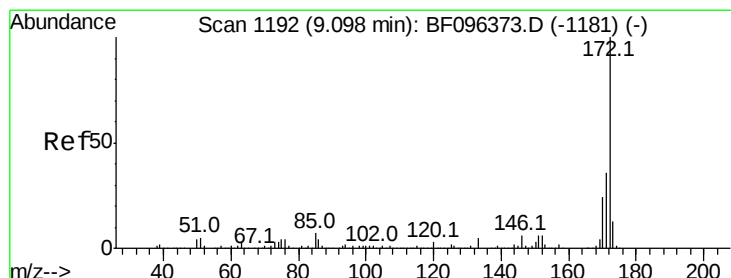
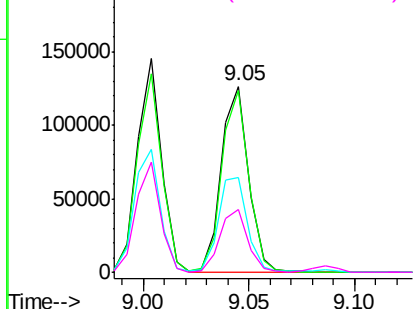
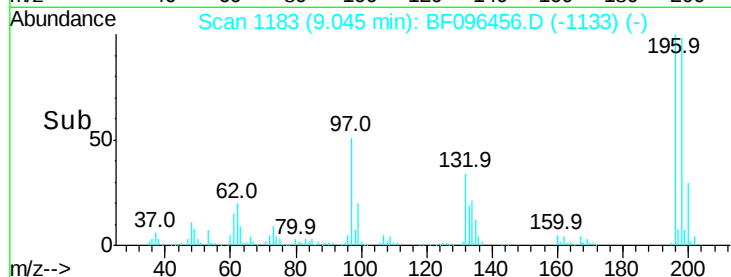
#43
 2,4,5-Trichlorophenol
 Concen: 44.83 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 113292
 Ion Ratio Lower Upper
 196 100
 198 97.8 75.7 113.5
 97 50.8 47.7 71.5
 132 34.0 28.0 42.0

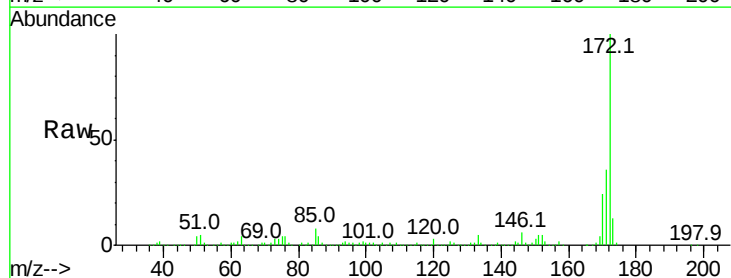


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

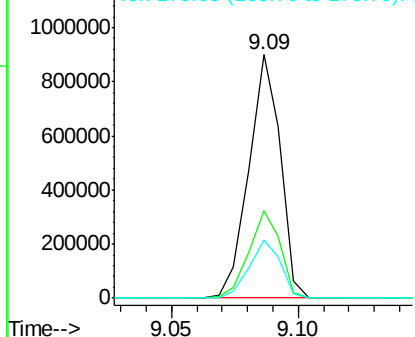
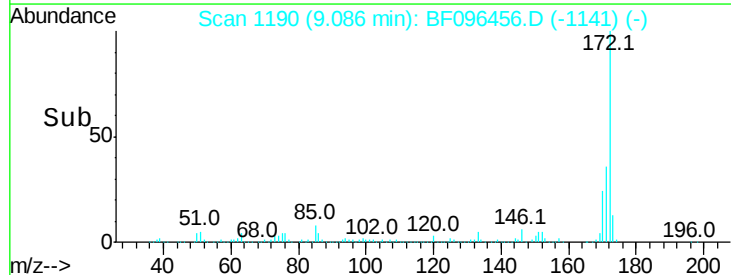


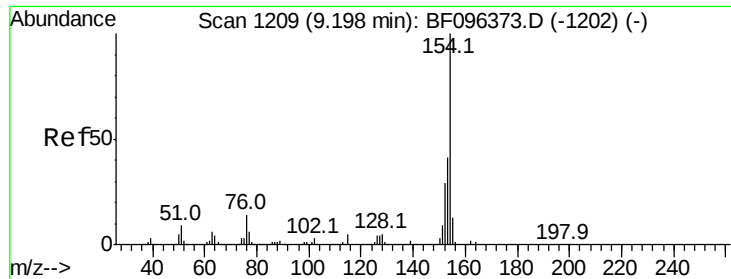
#44
 2-Fluorobiphenyl
 Concen: 106.55 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion:172 Resp: 775484
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.6 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: 48.55 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampled :

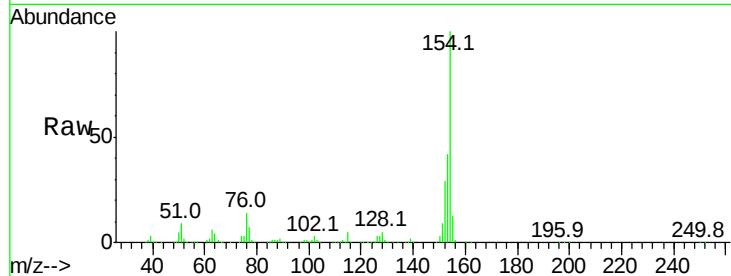
Tot Ion:154 Resp: 517682

Ion Ratio Lower Upper

154 100

153 42.0 21.2 61.2

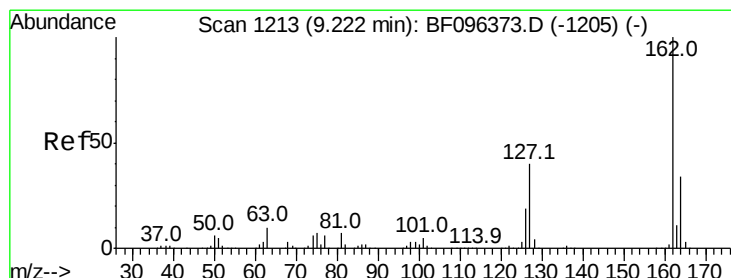
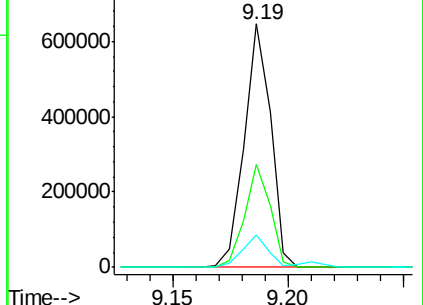
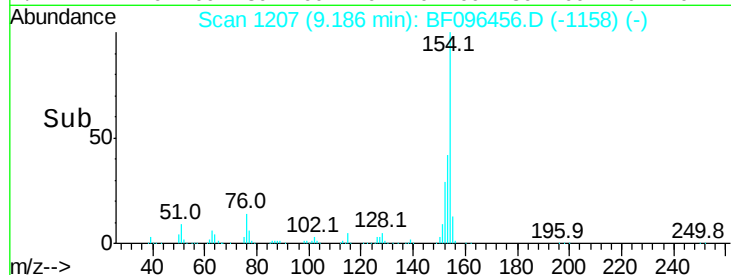
76 13.6 0.0 29.9



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: 46.63 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

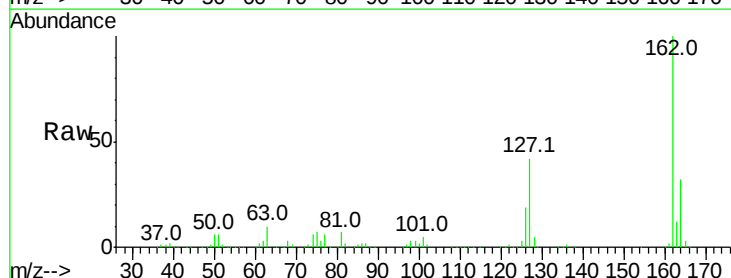
Tgt Ion:162 Resp: 370472

Ion Ratio Lower Upper

162 100

127 41.7 28.3 42.5

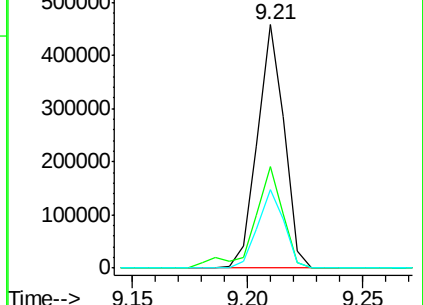
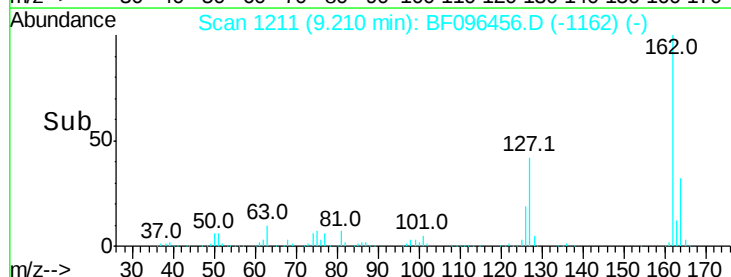
164 32.2 27.0 40.4

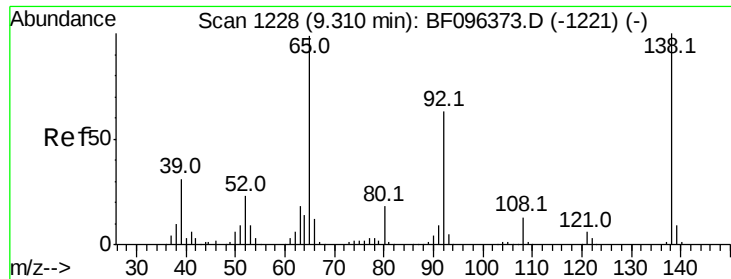


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

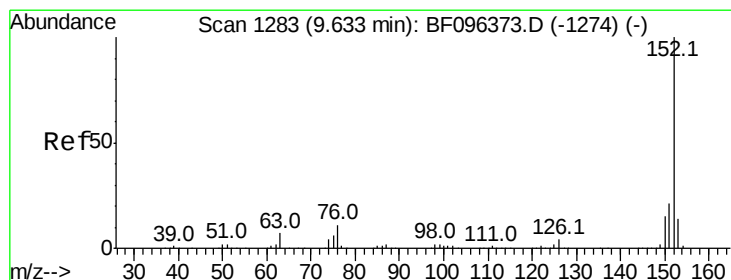
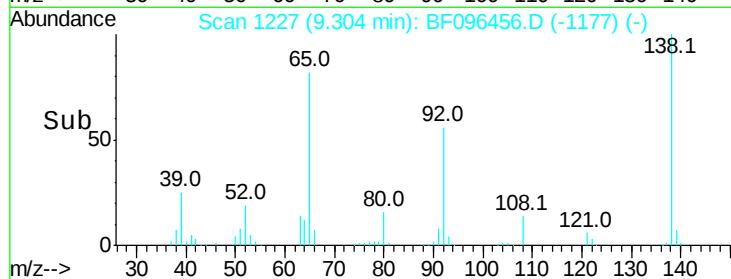
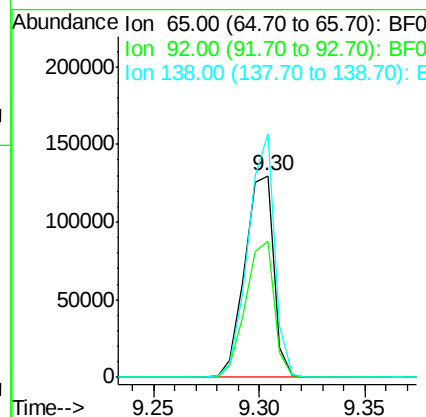
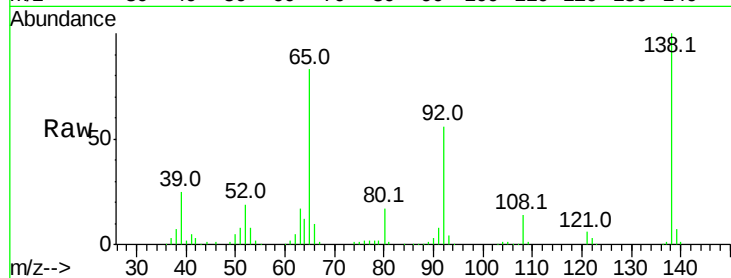




#47
 2-Nitroaniline
 Concen: 42.65 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

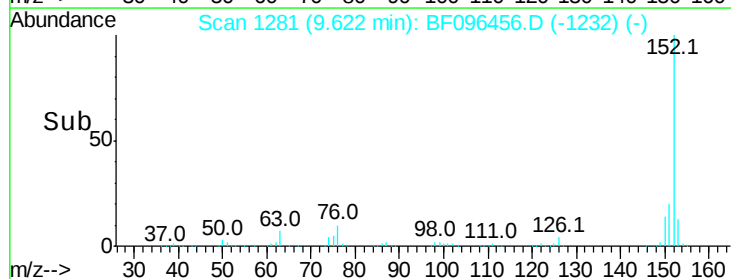
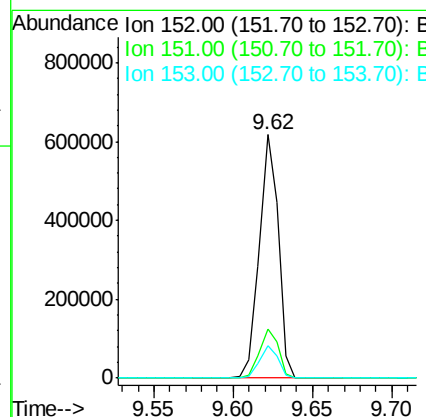
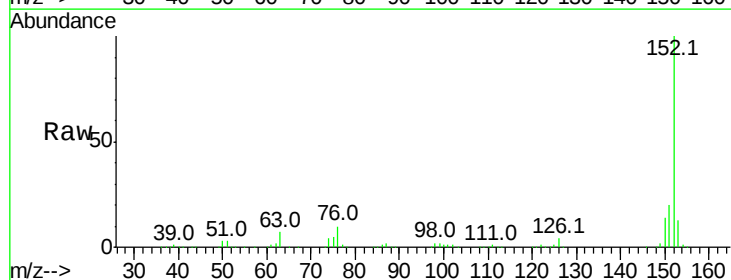
Instrument :
 BNA_F
 ClientSampleId :

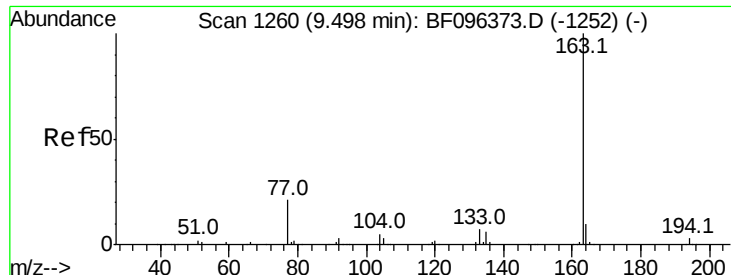
Tot Ion: 65 Resp: 123304
 Ion Ratio Lower Upper
 65 100
 92 67.7 53.9 80.9
 138 120.9 78.8 118.2#



#48
 Acenaphthylene
 Concen: 40.82 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion:152 Resp: 513950
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.8 25.2
 153 13.5 10.8 16.2

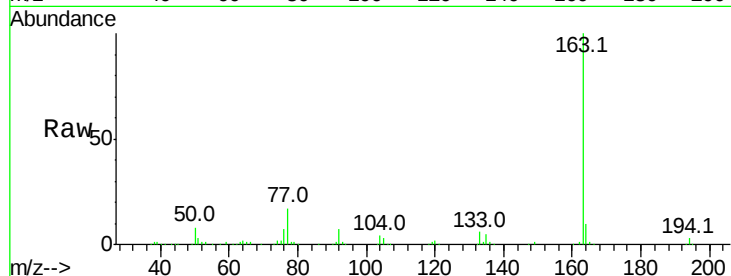




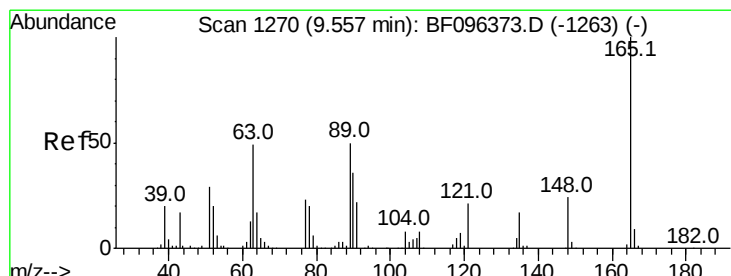
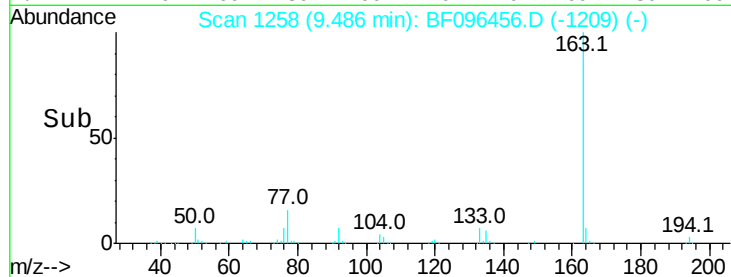
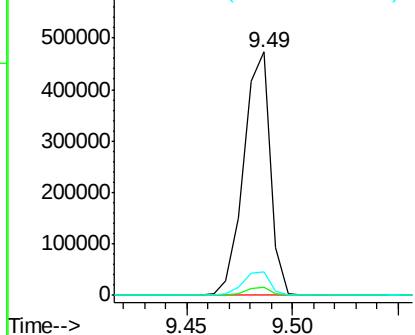
#49
 Dimethylphthalate
 Concen: 44.49 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.5	8.4	12.6

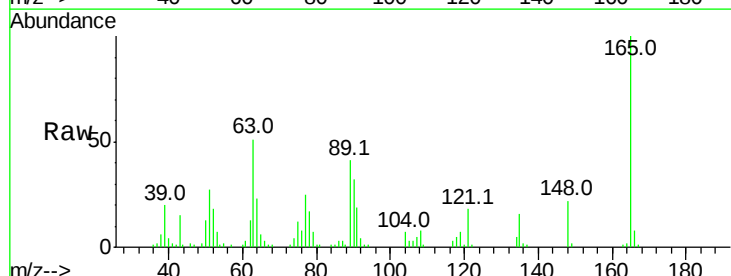


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

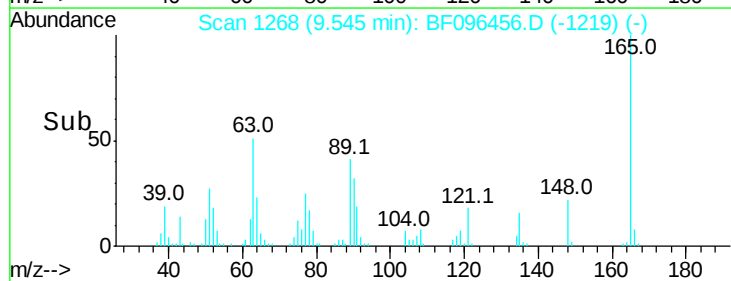
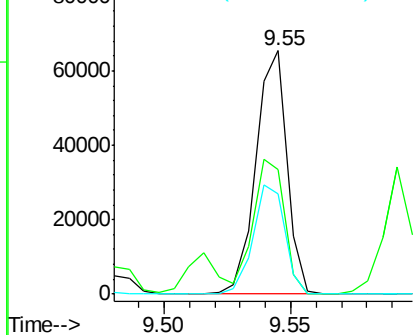


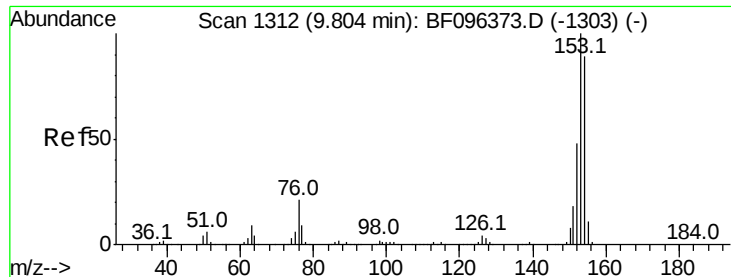
#50
 2,6-Dinitrotoluene
 Concen: 27.34 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.3	34.3	51.5
89	41.2	37.1	55.7



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





#51

Acenaphthene

Concen: 38.56 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

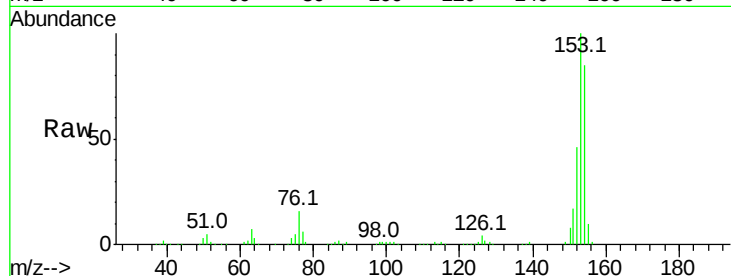
Tot Ion:154 Resp: 299215

Ion Ratio Lower Upper

154 100

153 117.0 90.5 135.7

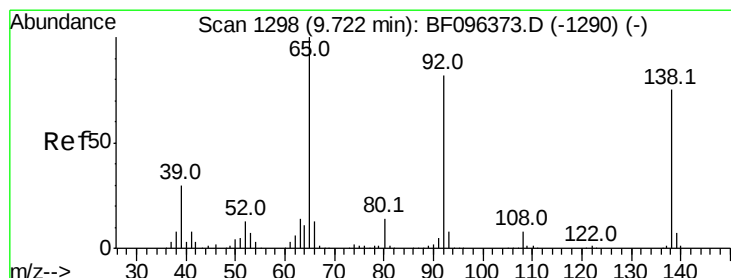
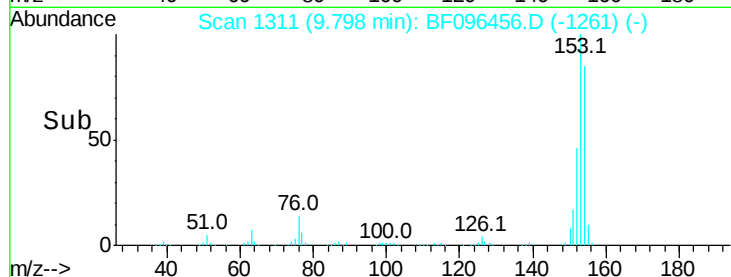
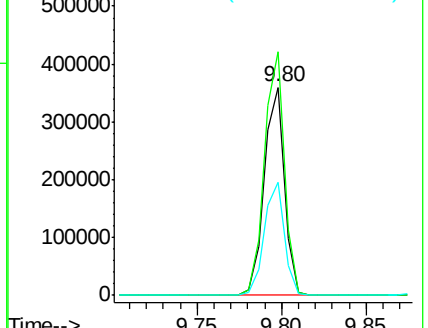
152 54.2 43.6 65.4



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: 45.79 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

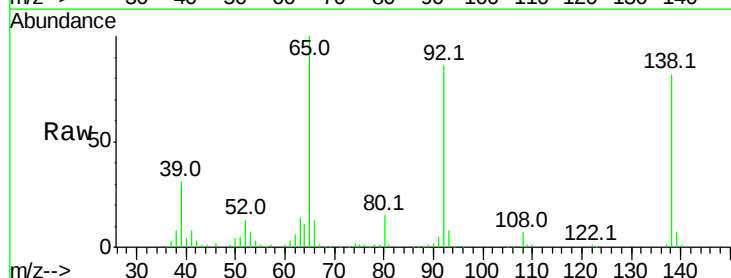
Tgt Ion:138 Resp: 117329

Ion Ratio Lower Upper

138 100

108 9.0 9.1 13.7#

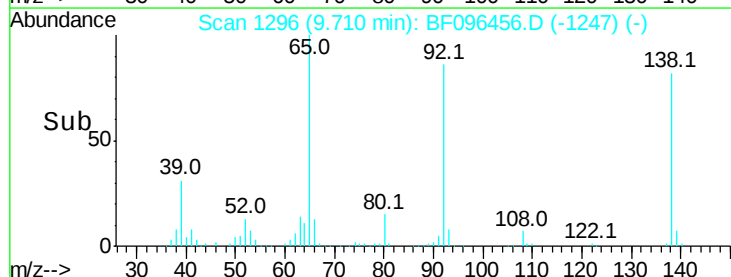
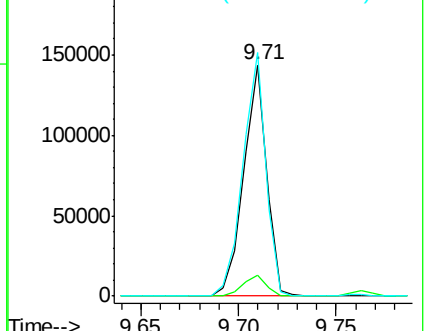
92 105.4 93.8 140.6

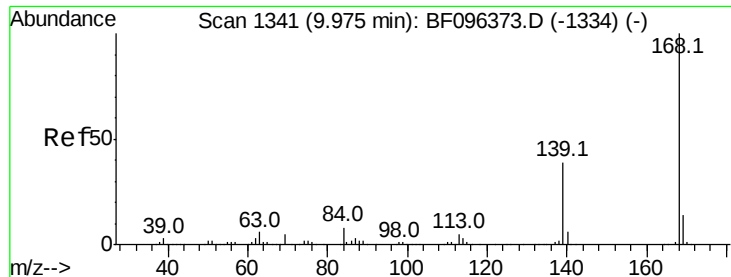


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

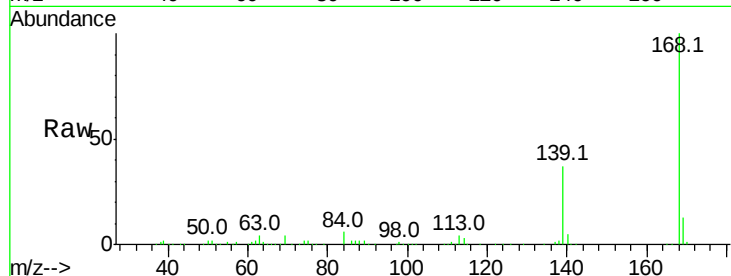




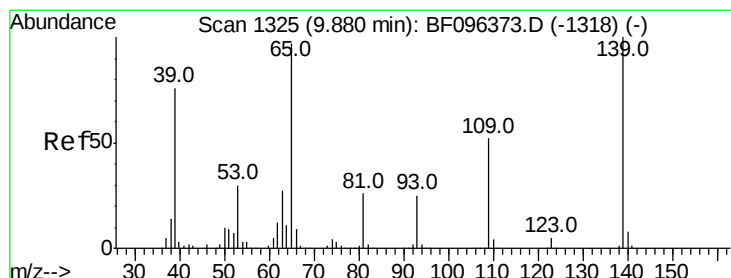
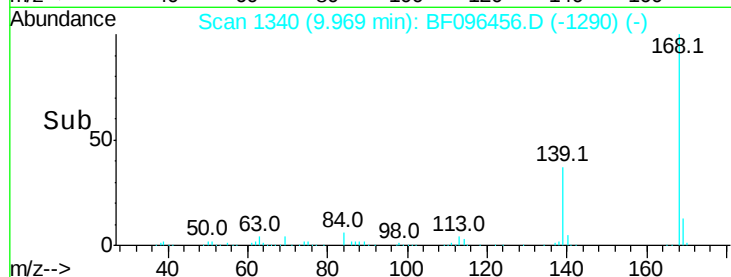
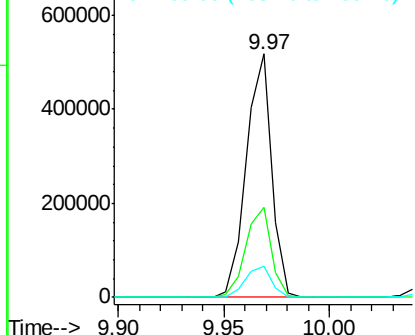
#54
Dibenzofuran
Concen: 42.20 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 432350
Ion Ratio Lower Upper
168 100
139 37.0 30.6 45.8
169 12.8 10.8 16.2

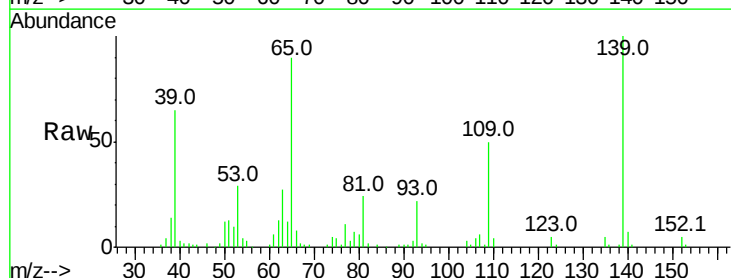


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

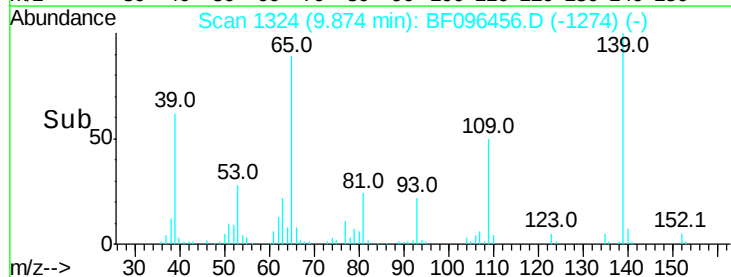
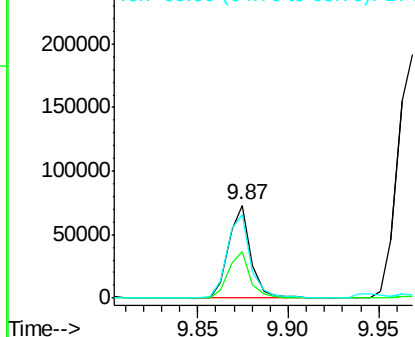


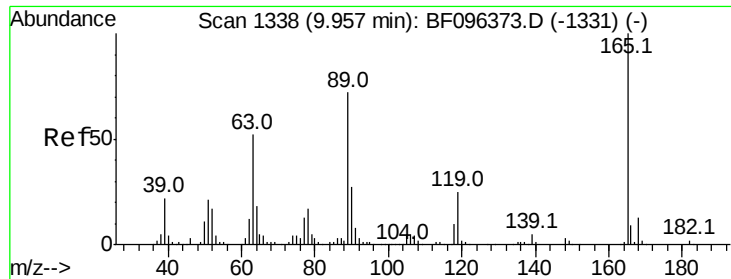
#55
4-Nitrophenol
Concen: 29.16 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion:139 Resp: 61923
Ion Ratio Lower Upper
139 100
109 49.8 34.1 74.1
65 89.7 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

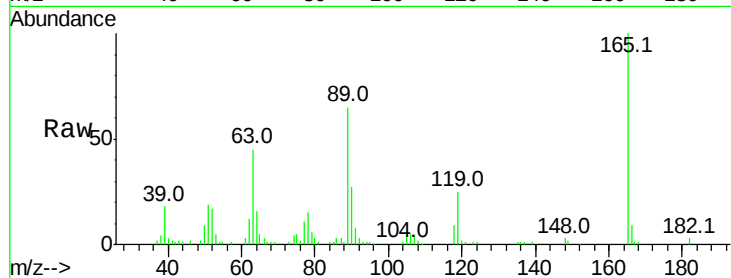




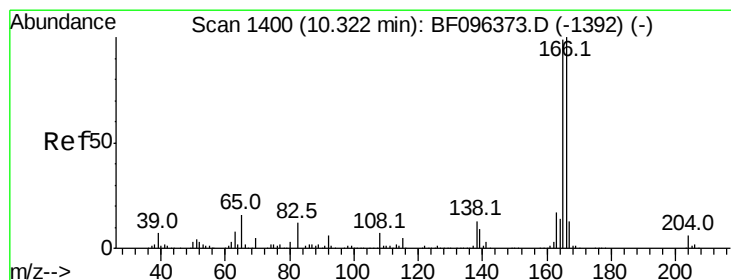
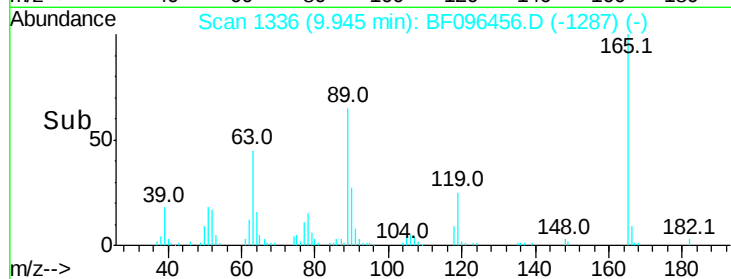
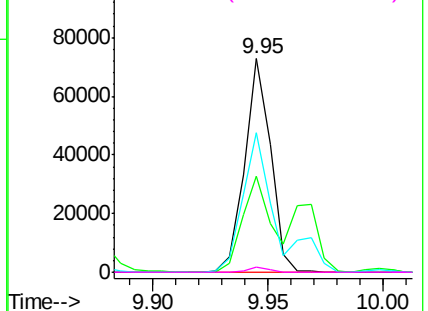
#56
2,4-Dinitrotoluene
Concen: 22.03 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 57316
Ion Ratio Lower Upper
165 100
63 44.9 25.4 38.0#
89 65.4 46.4 69.6
182 2.5 1.8 2.6

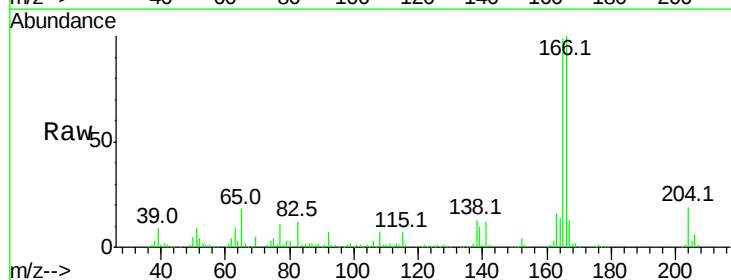


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

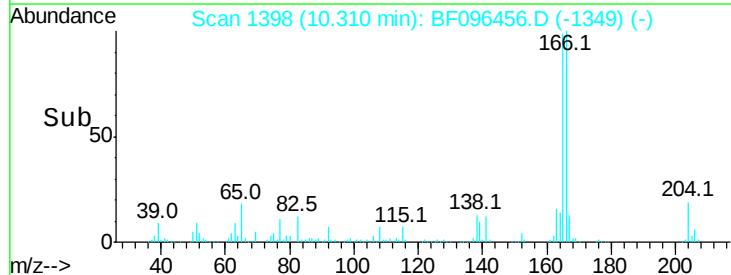
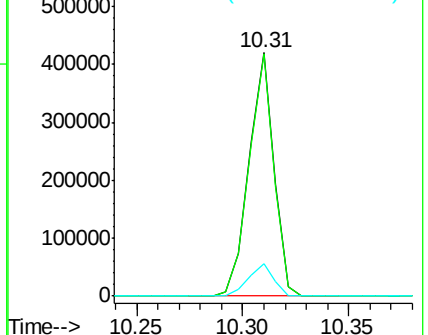


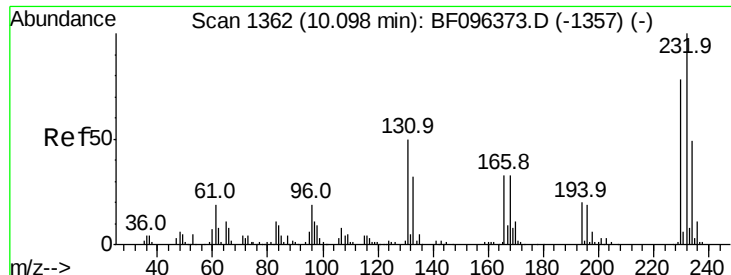
#57
Fluorene
Concen: 47.70 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion:166 Resp: 345207
Ion Ratio Lower Upper
166 100
165 99.3 78.8 118.2
167 13.1 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

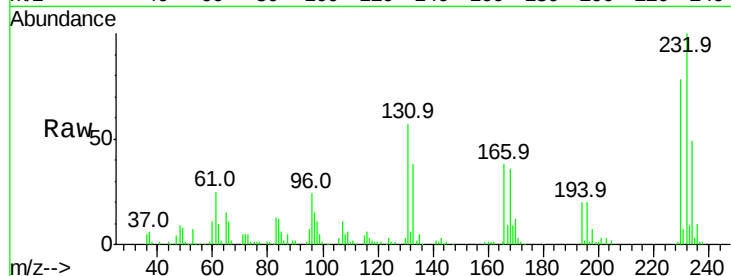




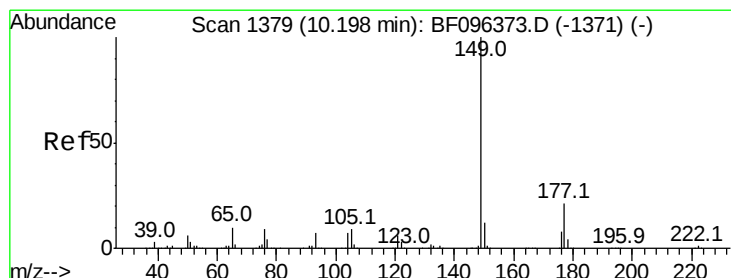
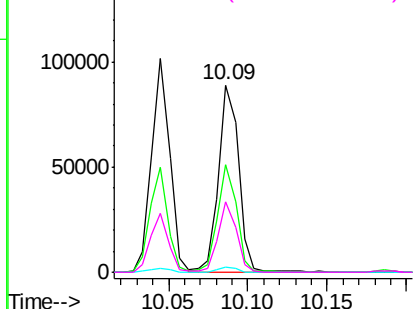
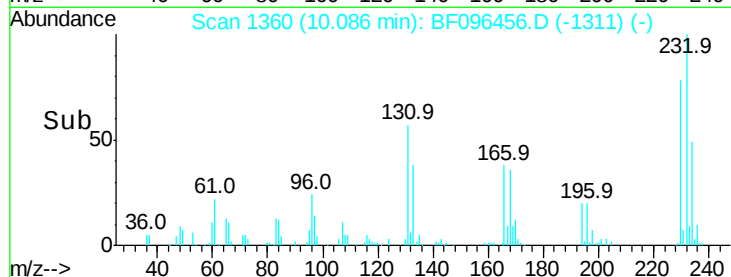
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.05 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 78764
 Ion Ratio Lower Upper
 232 100
 131 54.0 44.8 67.2
 130 2.6 2.3 3.5
 166 34.2 29.0 43.4

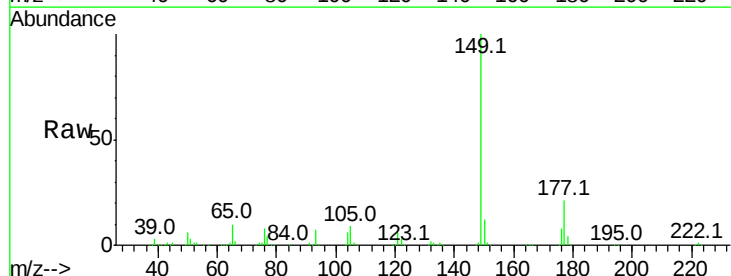


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

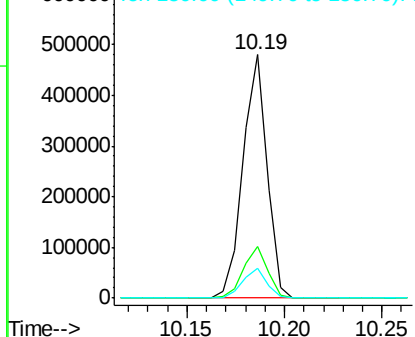
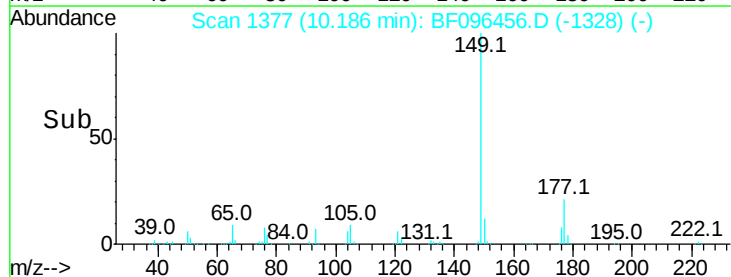


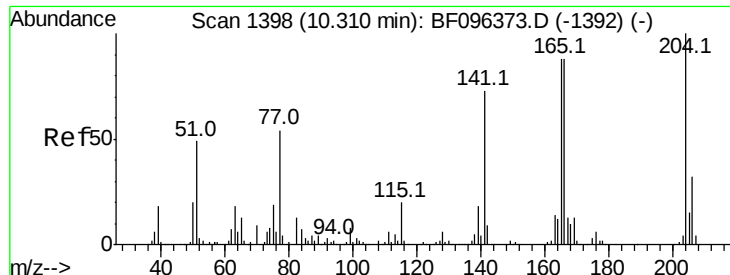
#59
 Diethylphthalate
 Concen: 46.72 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion:149 Resp: 410173
 Ion Ratio Lower Upper
 149 100
 177 21.2 16.7 25.1
 150 12.4 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

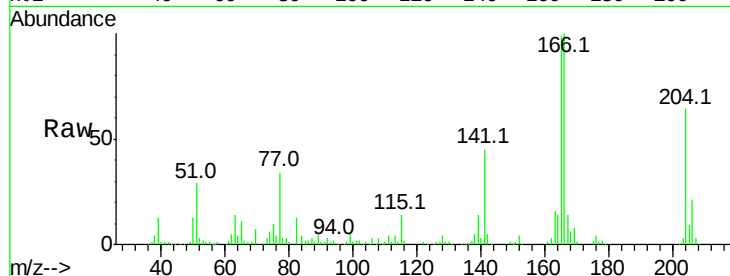




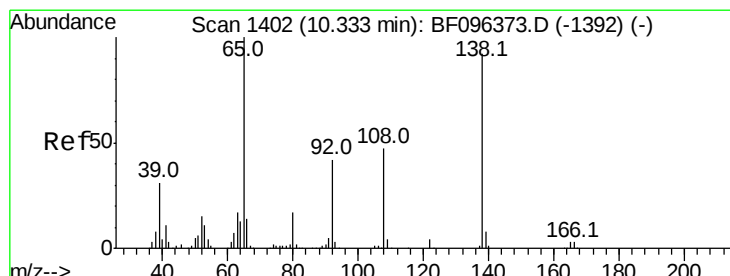
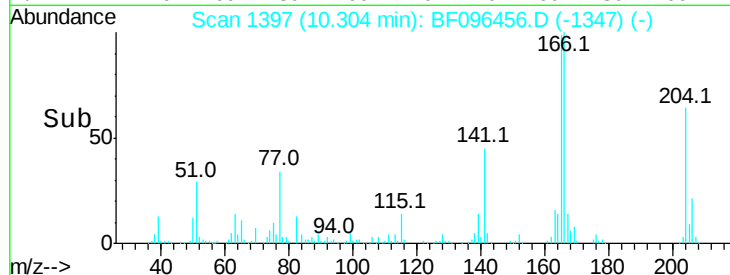
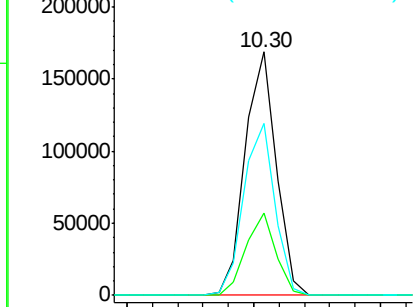
#60
4-Chlorophenyl-phenylether
Concen: 45.92 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 144572
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.2
141 70.4 60.8 91.2

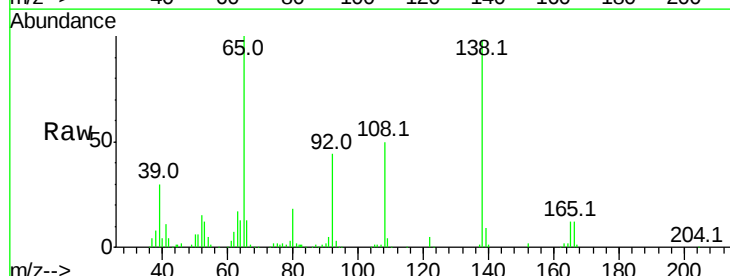


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

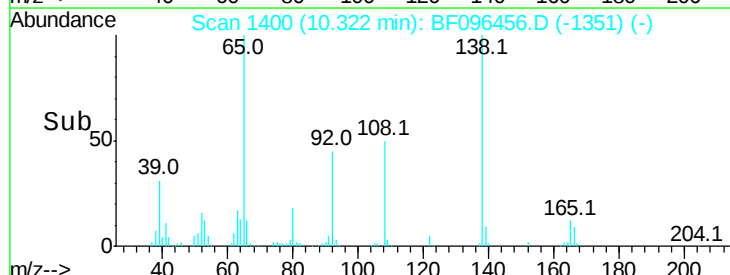
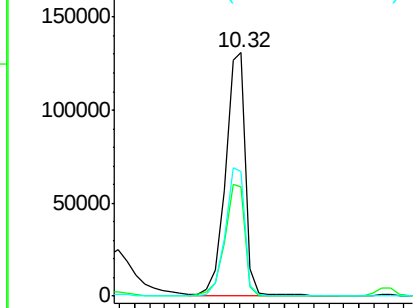


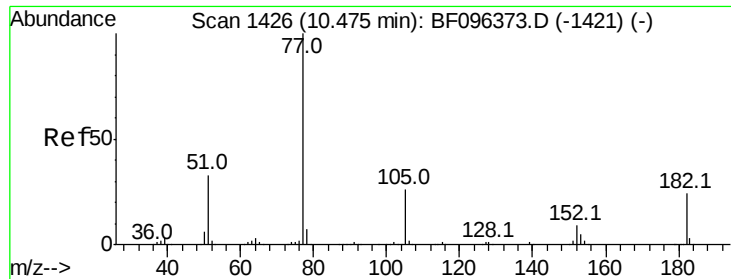
#61
4-Nitroaniline
Concen: 53.72 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion:138 Resp: 125157
Ion Ratio Lower Upper
138 100
92 45.0 21.8 61.8
108 50.9 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

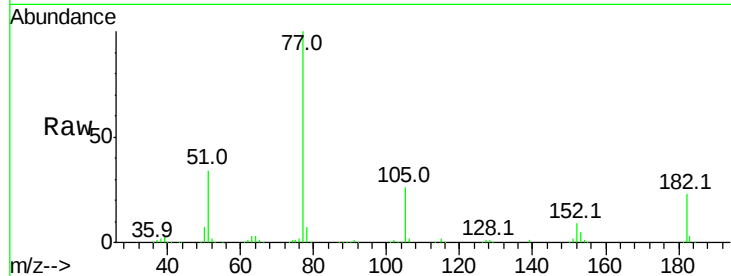




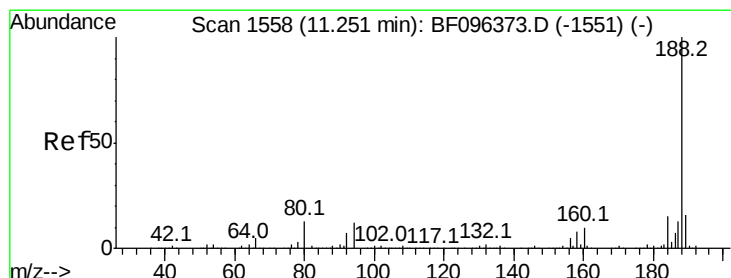
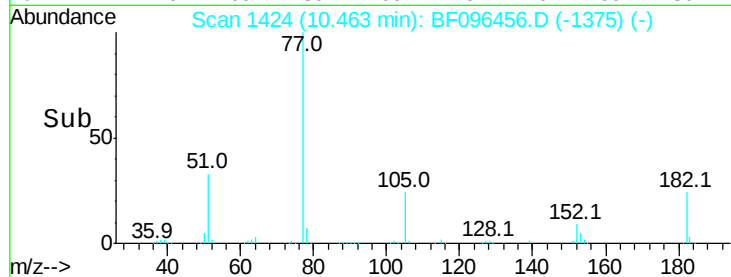
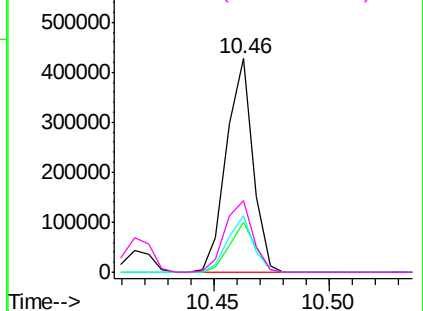
#62
Azobenzene
Concen: 40.10 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 340476
Ion Ratio Lower Upper
77 100
182 23.3 0.1 40.1
105 26.3 3.6 43.6
51 33.6 9.4 49.4

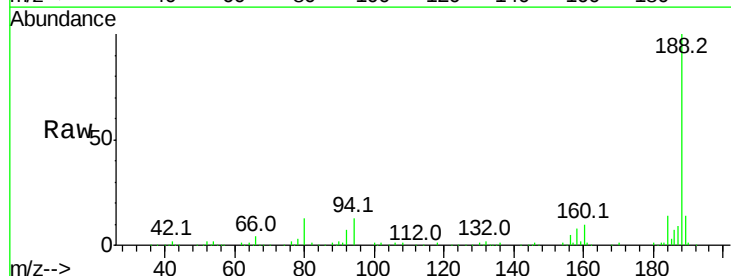


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

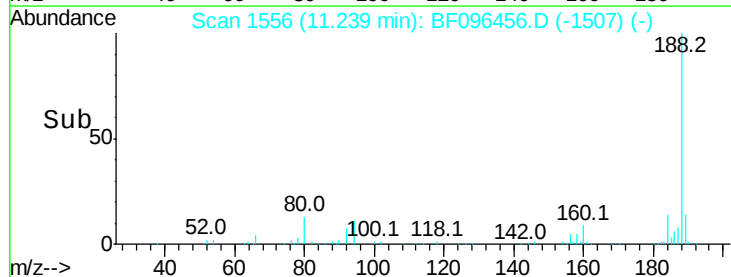
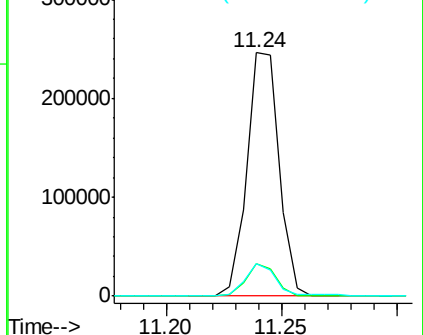


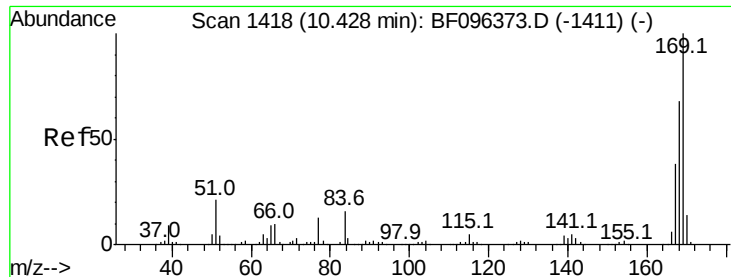
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion: 188 Resp: 239732
Ion Ratio Lower Upper
188 100
94 13.5 9.4 14.2
80 13.2 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

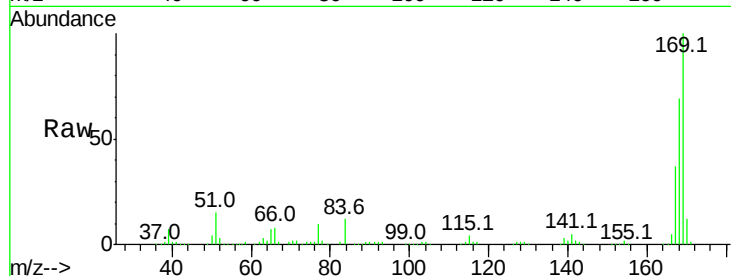




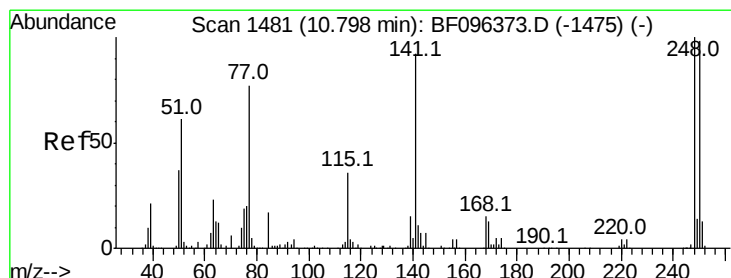
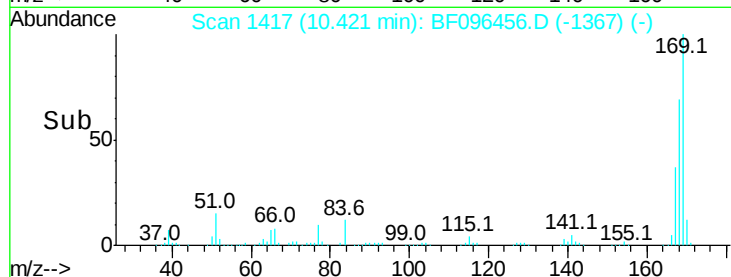
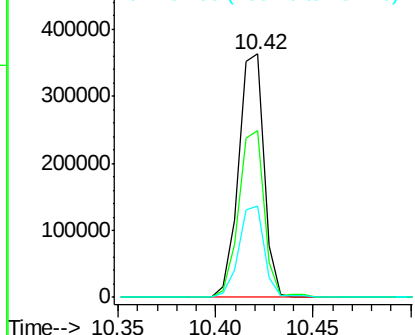
#65
n-Nitrosodiphenylamine
Concen: 39.12 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 329054
Ion Ratio Lower Upper
169 100
168 68.6 53.2 79.8
167 37.4 29.5 44.3

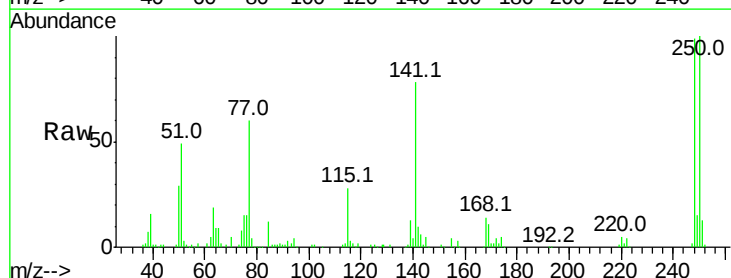


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

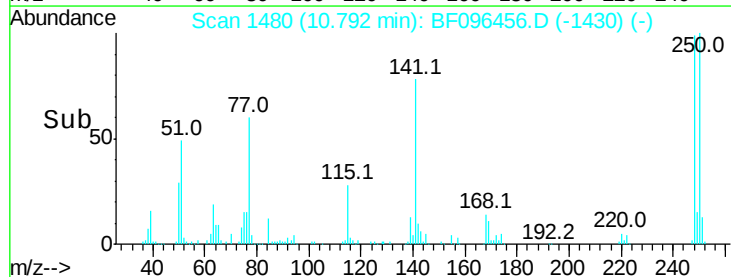
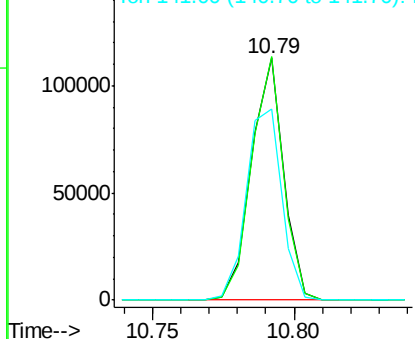


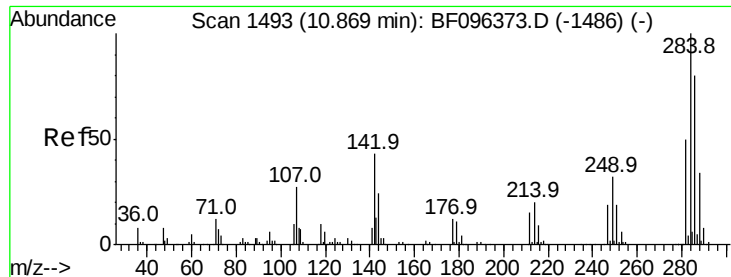
#66
4-Bromophenyl-phenylether
Concen: 38.28 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion:248 Resp: 89331
Ion Ratio Lower Upper
248 100
250 100.6 76.8 115.2
141 78.8 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: 40.35 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

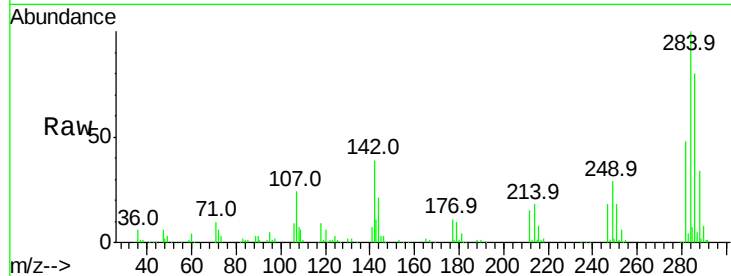
Tot Ion:284 Resp: 103084

Ion Ratio Lower Upper

284 100

142 39.2 22.8 34.2#

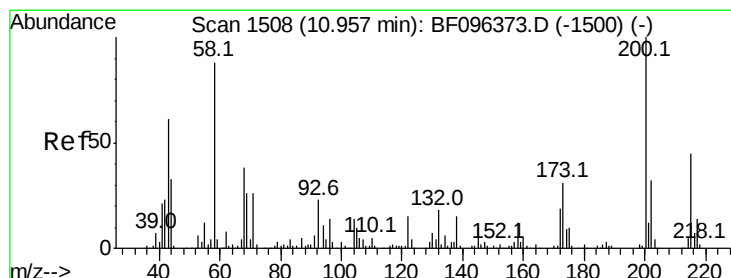
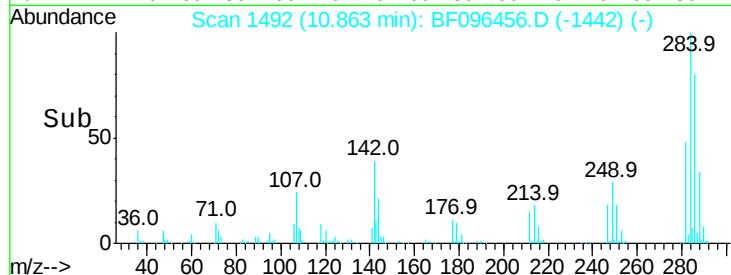
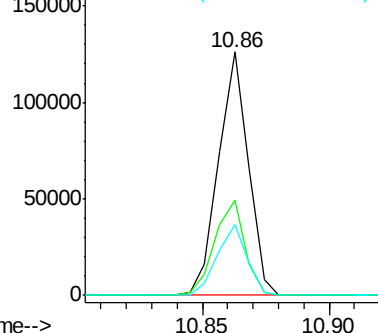
249 28.9 24.0 36.0



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: 31.90 ng

RT: 10.94 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

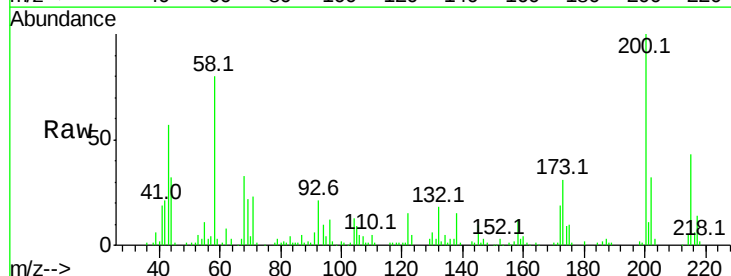
Tgt Ion:200 Resp: 76664

Ion Ratio Lower Upper

200 100

173 30.6 6.3 46.3

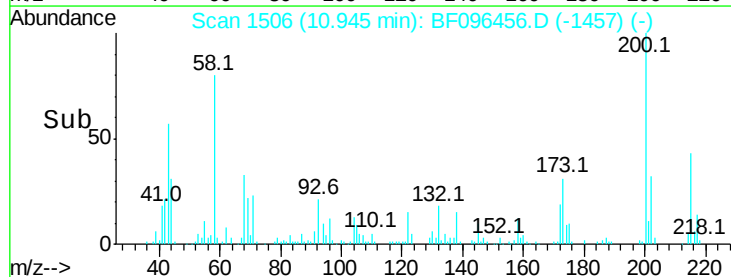
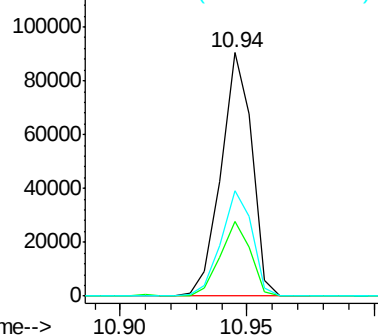
215 43.3 27.2 67.2

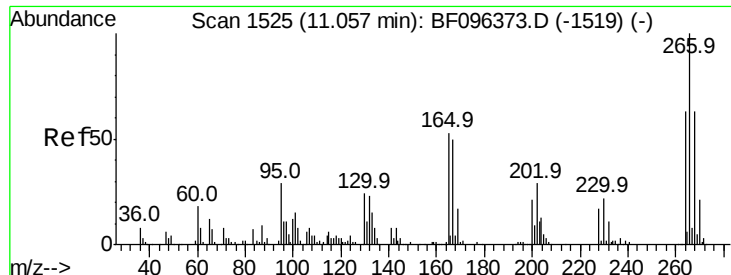


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

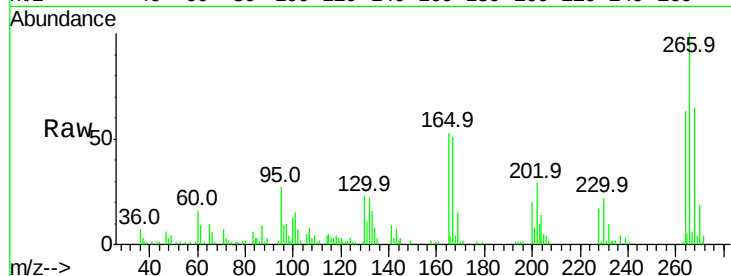




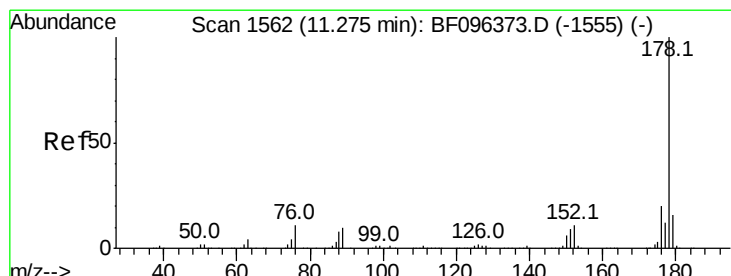
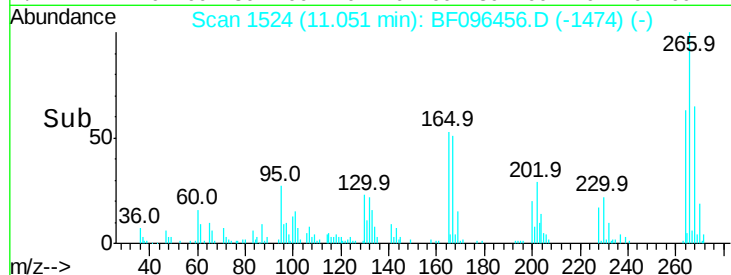
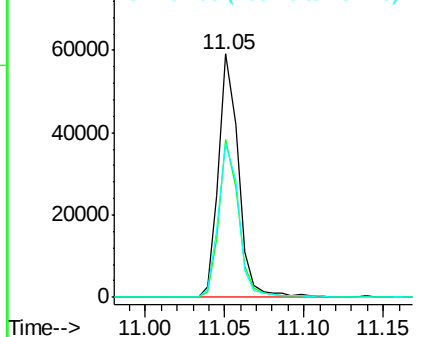
#69
 Pentachlorophenol
 Concen: 34.40 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 52087
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.1 76.7
 264 63.1 51.7 77.5

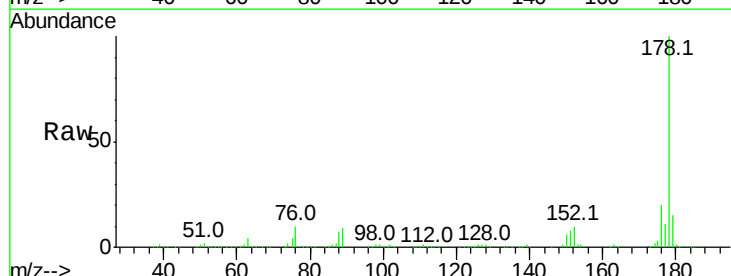


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

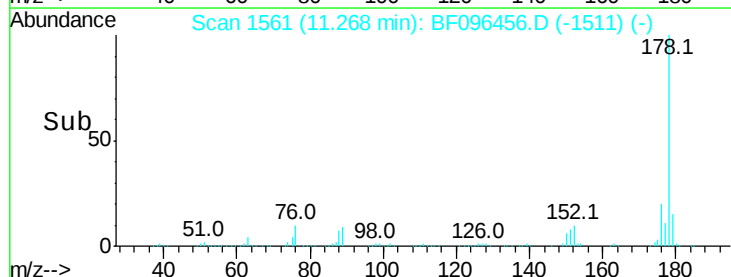
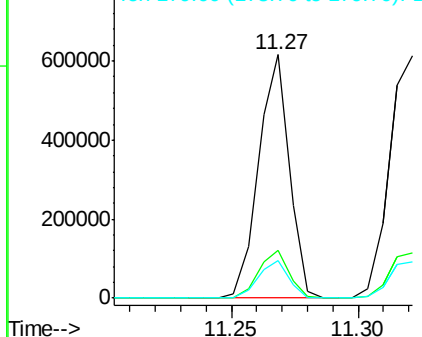


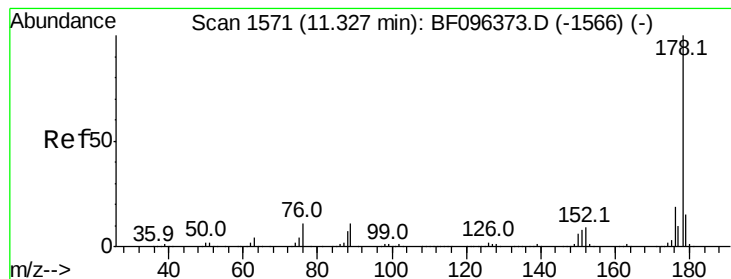
#70
 Phenanthrene
 Concen: 40.16 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion:178 Resp: 520451
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.4 12.6 19.0



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





#71

Anthracene

Concen: 41.47 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

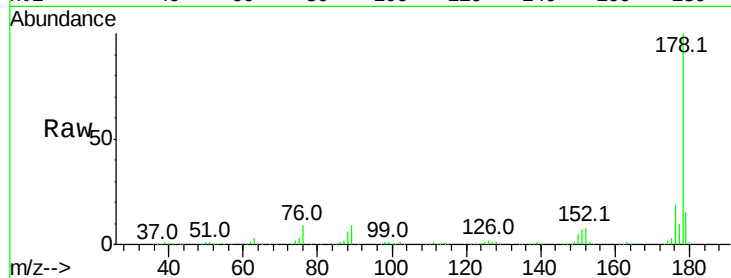
Tot Ion:178 Resp: 547662

Ion Ratio Lower Upper

178 100

176 18.5 15.8 23.8

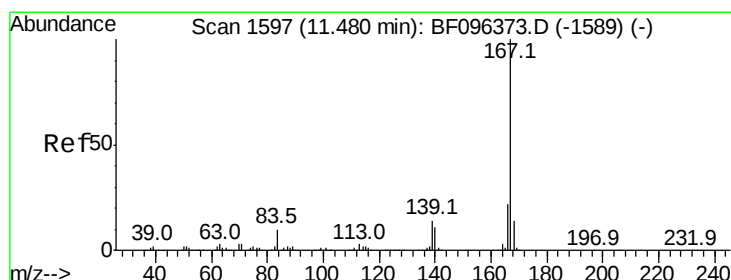
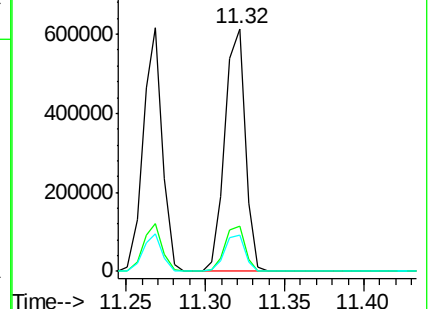
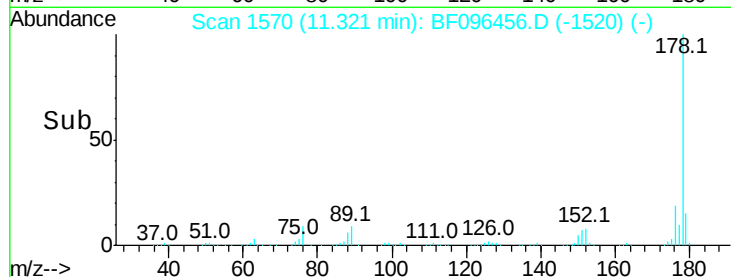
179 14.8 12.7 19.1



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: 40.23 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

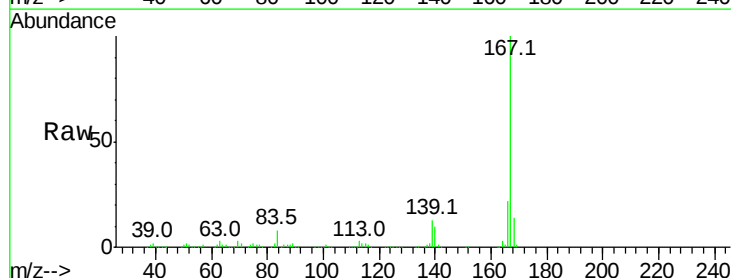
Tgt Ion:167 Resp: 534315

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

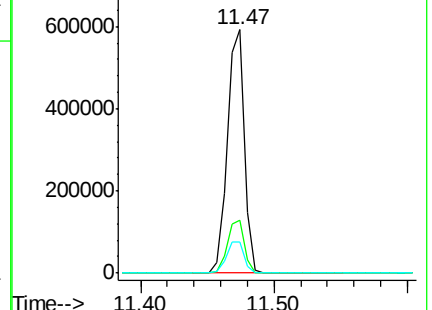
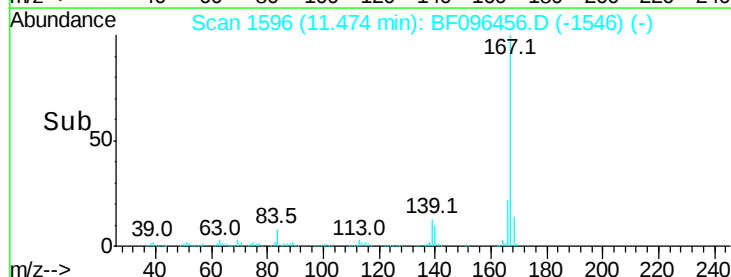
139 12.9 11.7 17.5

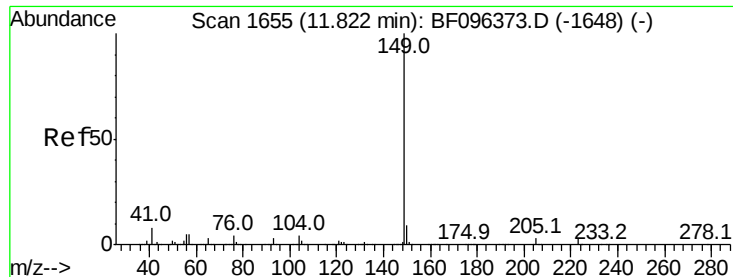


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.96 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

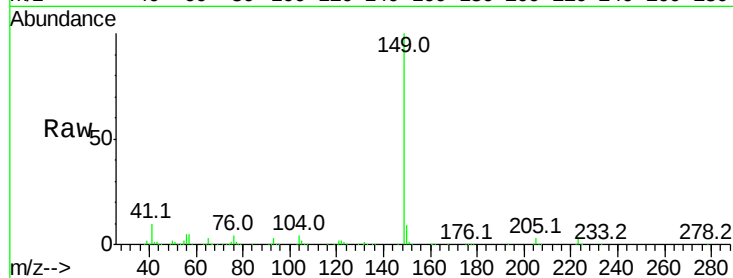
Tot Ion:149 Resp: 578539

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 4.2 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

11.81

800000

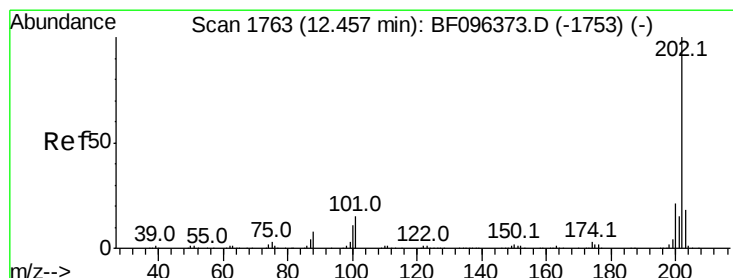
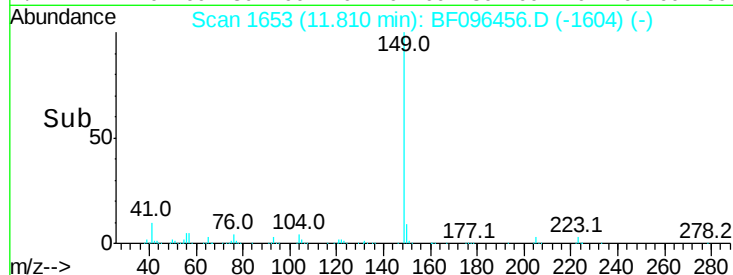
600000

400000

200000

0

Time--> 11.75 11.80 11.85



#74

Fluoranthene

Concen: 44.08 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

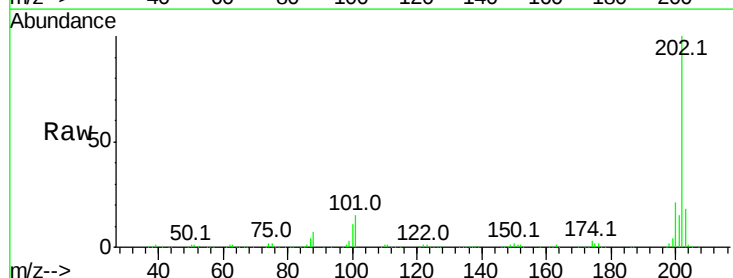
Tgt Ion:202 Resp: 560131

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.2

203 17.5 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

12.45

800000

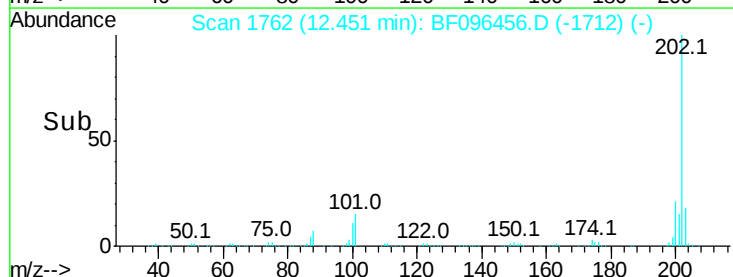
600000

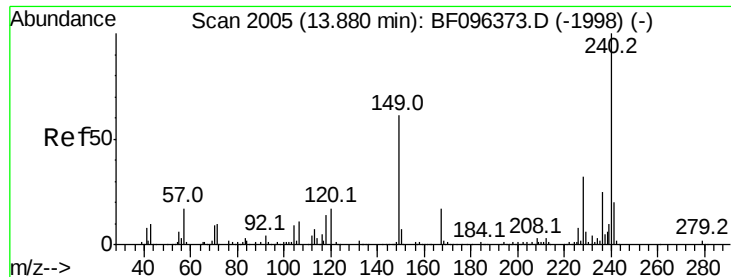
400000

200000

0

Time--> 12.40 12.45 12.50 12.55





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

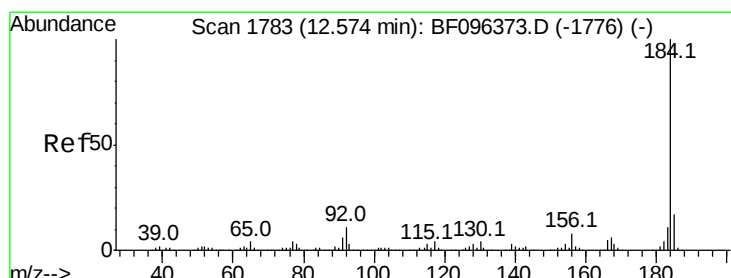
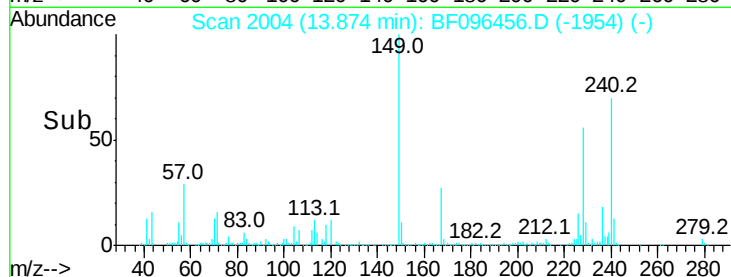
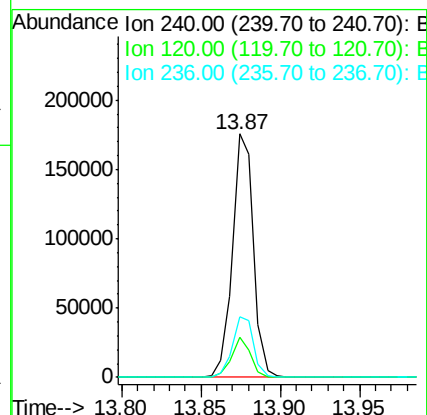
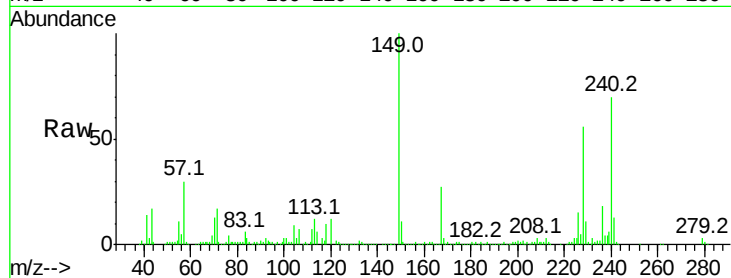
Tot Ion:240 Resp: 160789

Ion Ratio Lower Upper

240 100

120 16.3 5.8 8.8#

236 25.0 20.5 30.7



#76

Benzidine

Concen: 48.83 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

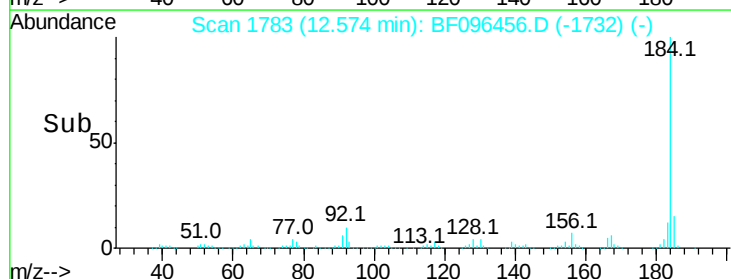
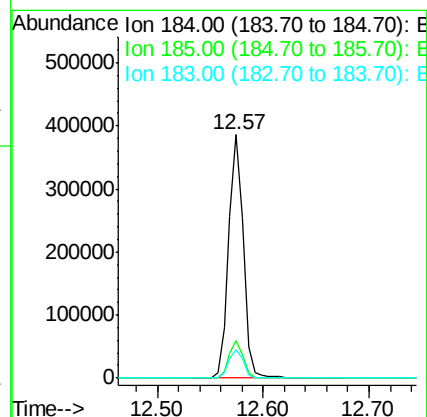
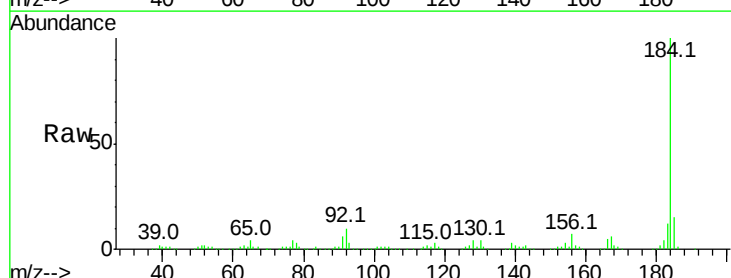
Tgt Ion:184 Resp: 376738

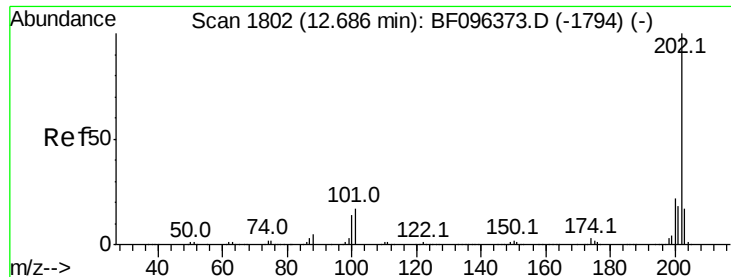
Ion Ratio Lower Upper

184 100

185 15.4 15.5 23.3#

183 12.0 9.8 14.6

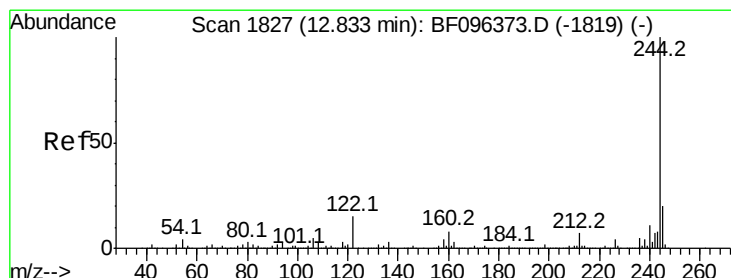
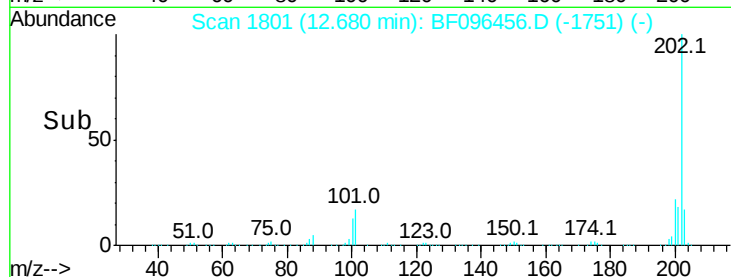
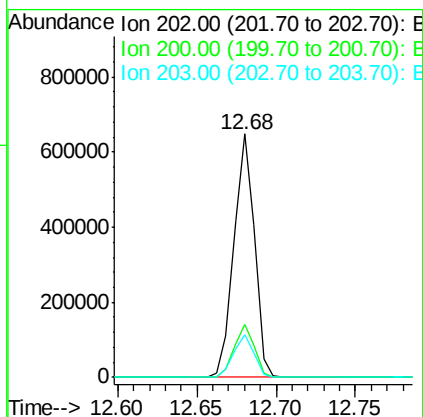
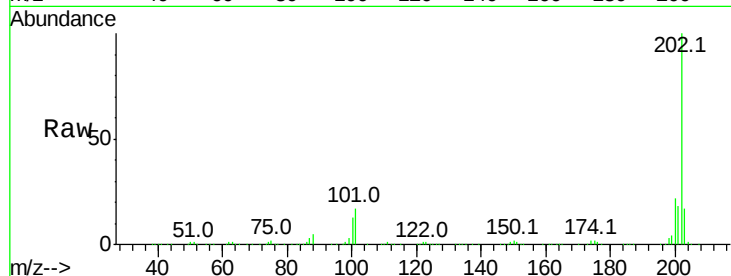




#77
Pvrene
Concen: 45.22 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

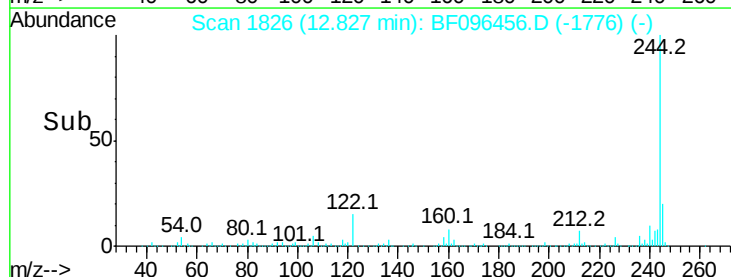
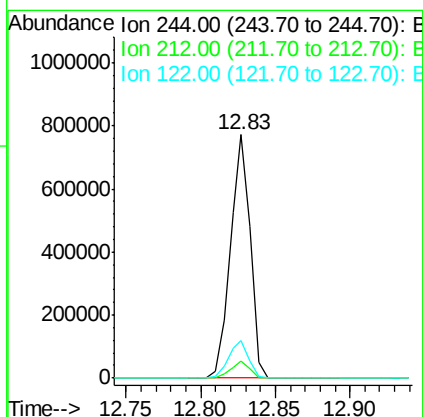
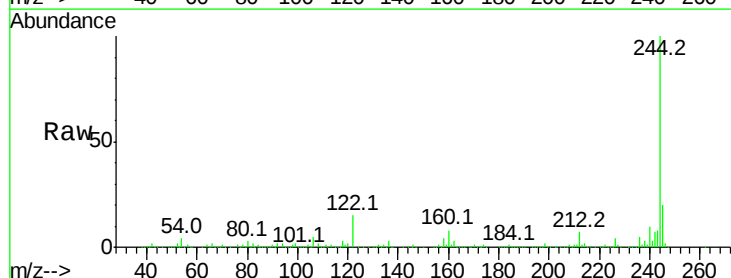
Instrument :
BNA_F
ClientSampleId :

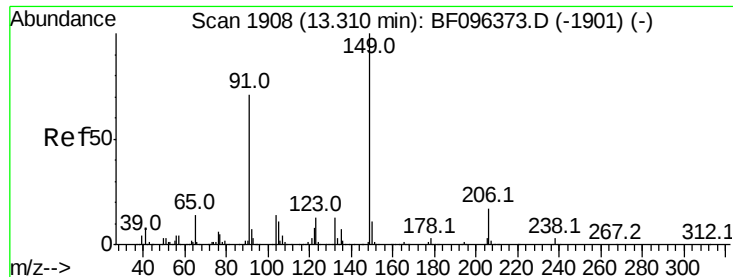
Tot Ion:202 Resp: 583671
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.3 14.4 21.6



#78
Terphenyl-d14
Concen: 95.71 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion:244 Resp: 720185
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 15.5 10.3 15.5

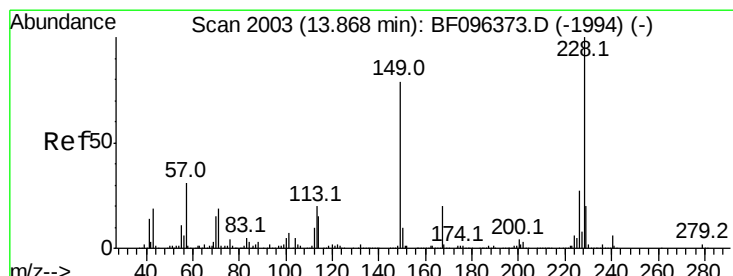
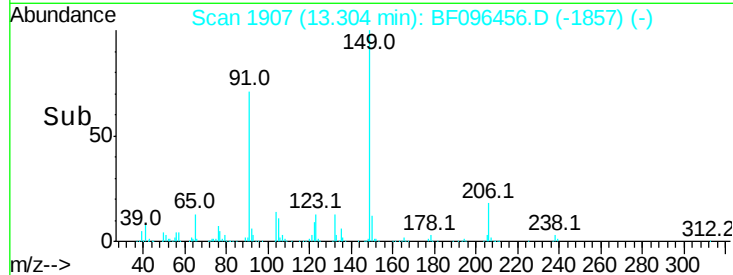
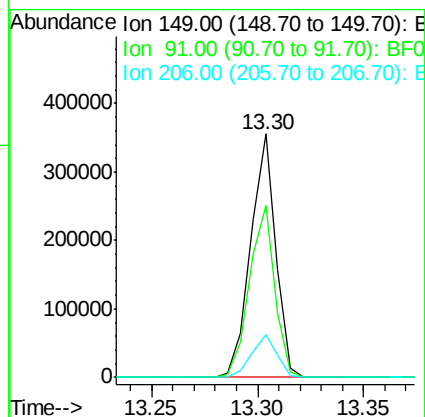
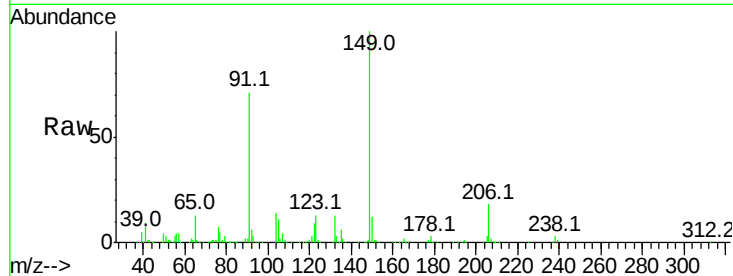




#79
 Butylbenzylphthalate
 Concen: 44.86 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

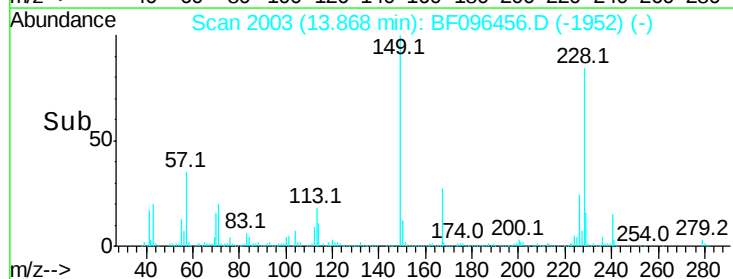
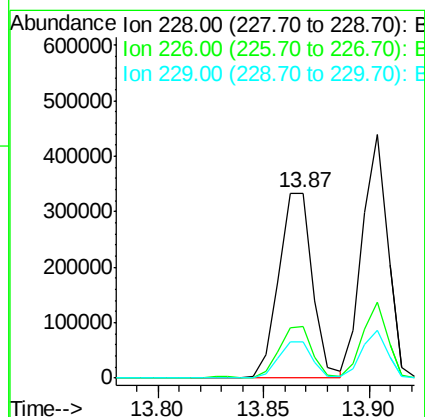
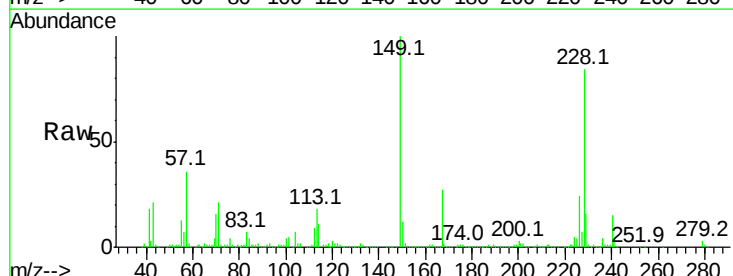
Instrument :
 BNA_F
 ClientSampleId :

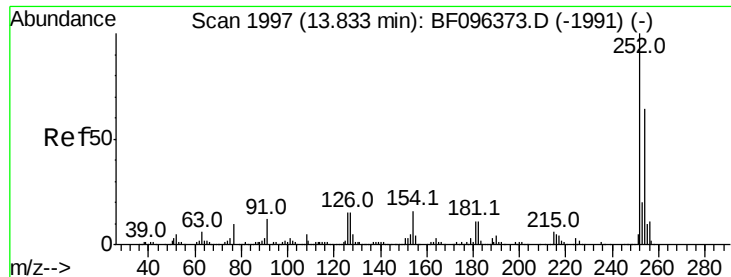
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.9	45.0	67.4#
206	17.7	17.0	25.6



#80
 Benzo(a)anthracene
 Concen: 39.96 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.3	16.3	24.5

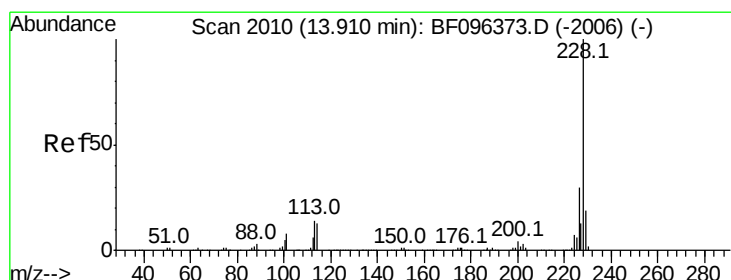
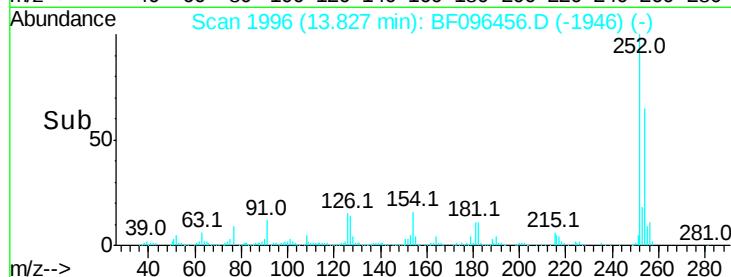
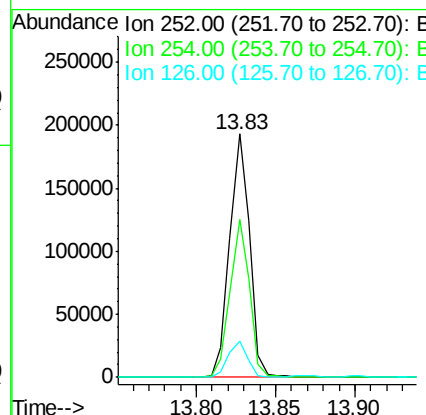
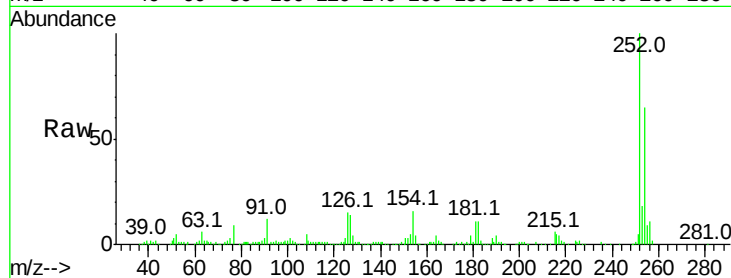




#81
 3,3'-Dichlorobenzidine
 Concen: 44.02 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

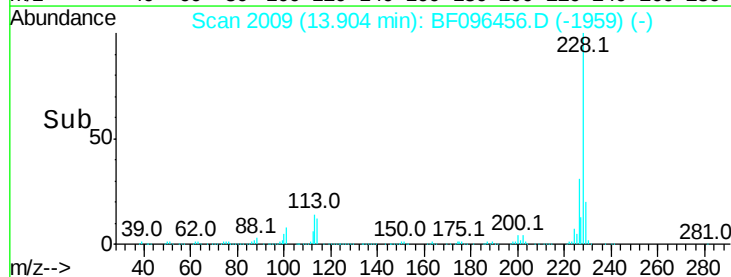
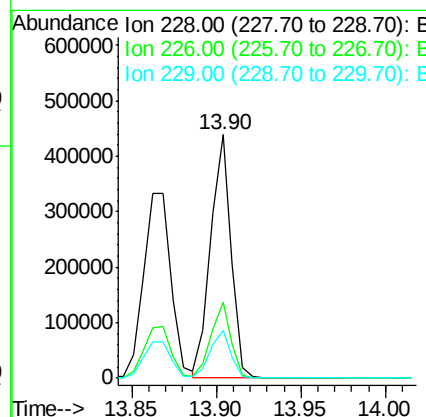
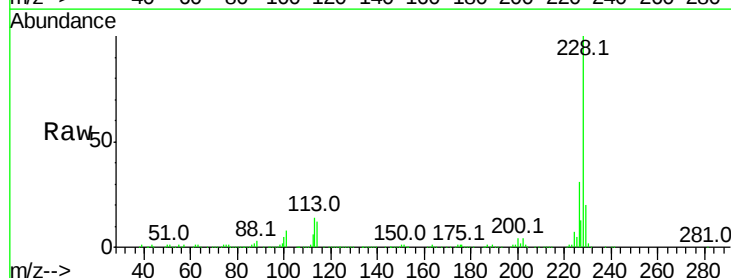
Instrument :
 BNA_F
 ClientSampled :

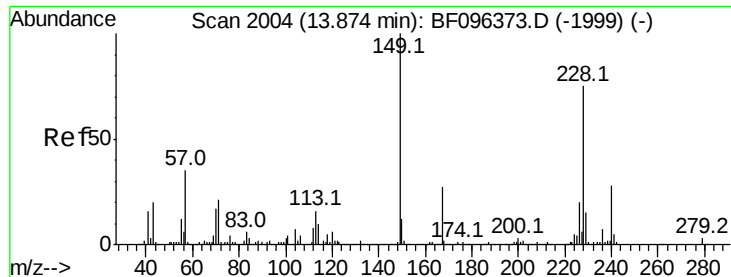
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.5	77.3
126	14.6	15.8	23.8#



#82
 Chrysene
 Concen: 38.10 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.8	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.72 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampled :

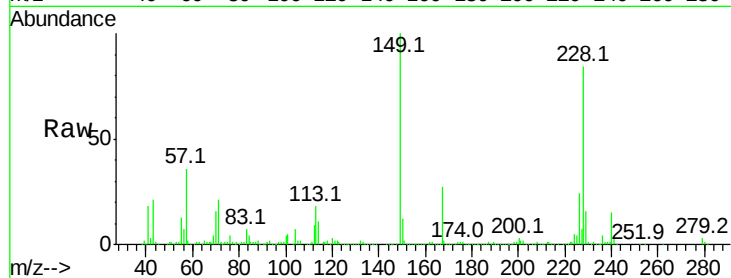
Tot Ion:149 Resp: 348029

Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

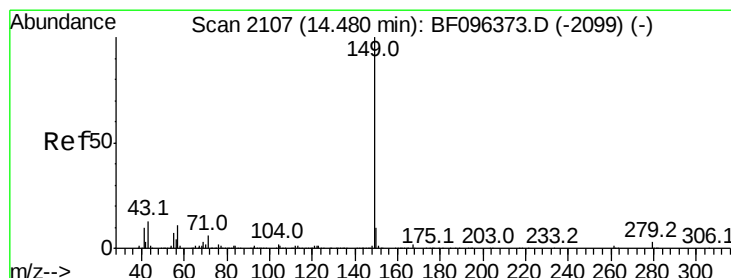
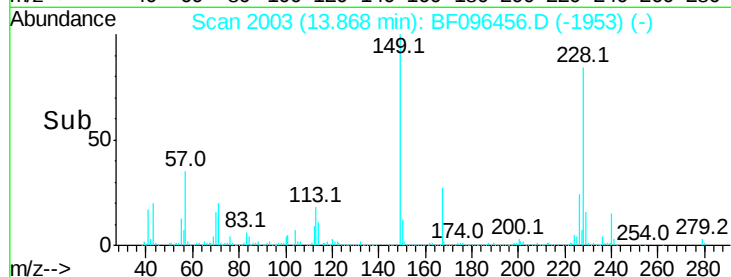
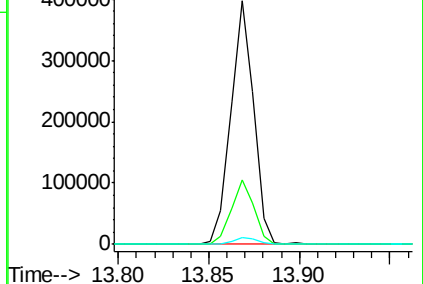
279 2.6 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.25 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

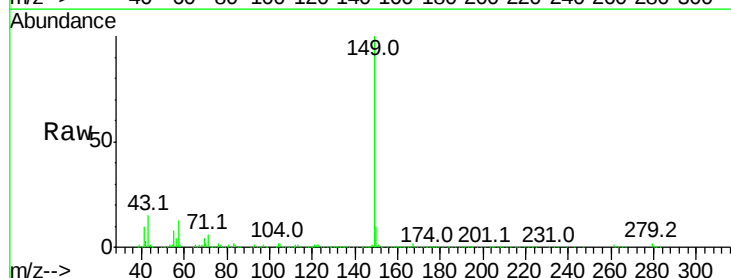
Tgt Ion:149 Resp: 621099

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

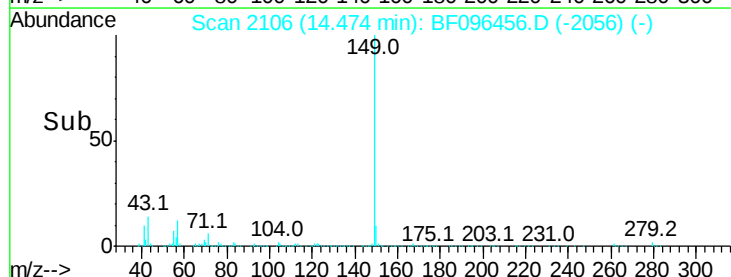
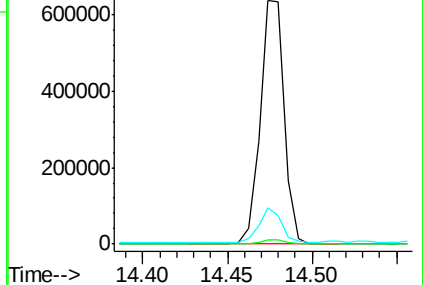
43 13.2 8.5 12.7#

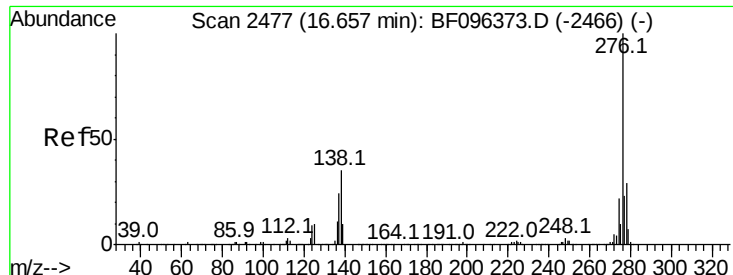


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.34 ng

RT: 16.66 min Scan# 2477

Delta R.T. -0.00 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

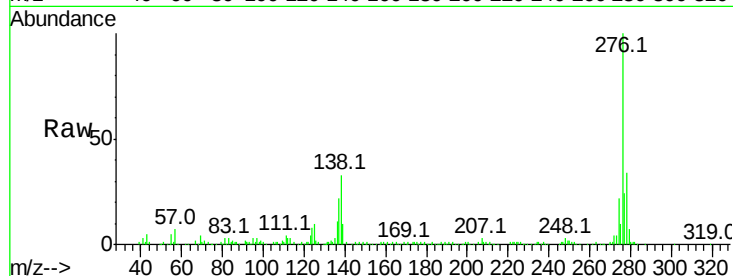
Tot Ion:276 Resp: 272000

Ion Ratio Lower Upper

276 100

138 35.3 27.8 41.6

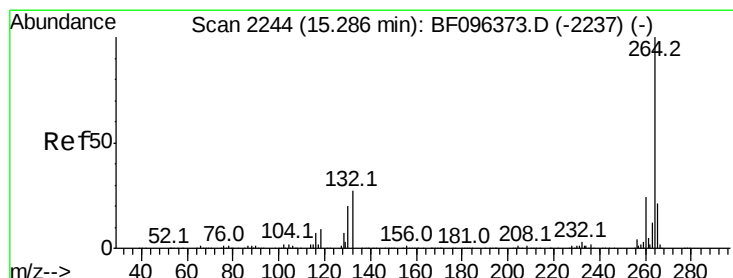
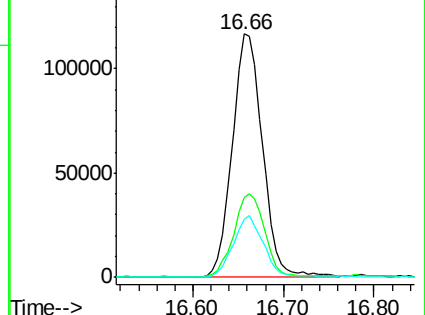
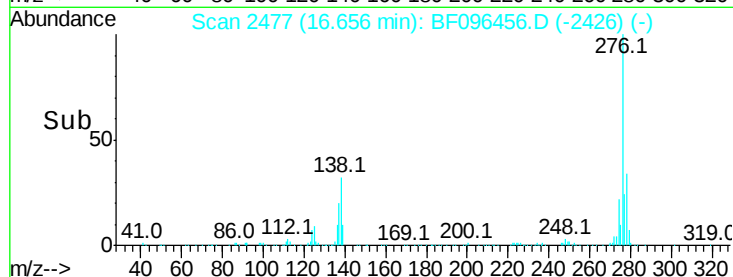
277 25.4 20.2 30.4



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: BF096456.D

Acq: 3 Jul 2017 23:34

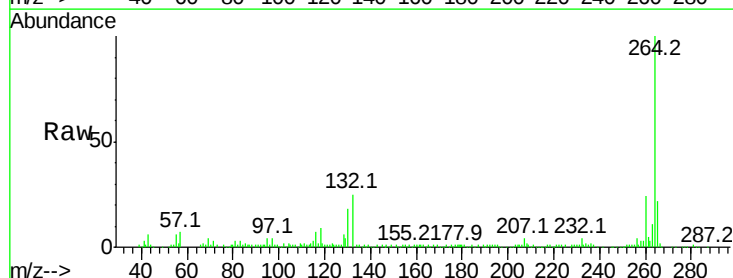
Tgt Ion:264 Resp: 117463

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

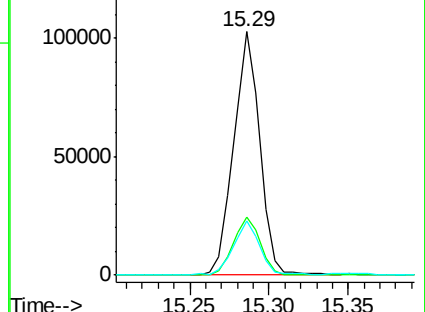
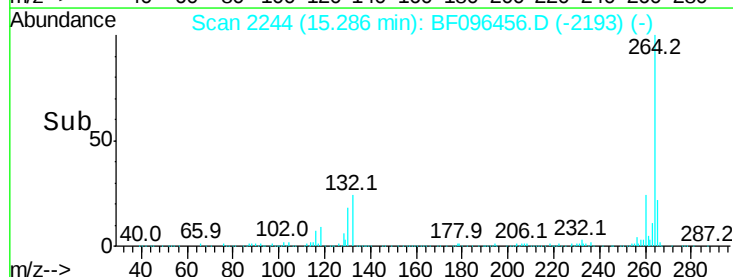
265 22.5 17.2 25.8

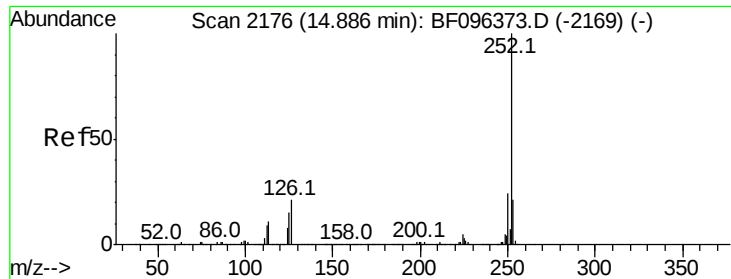


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.09 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

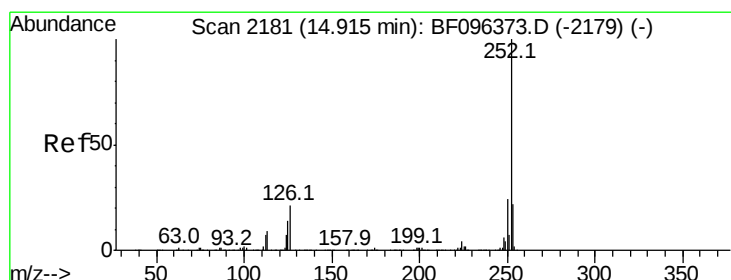
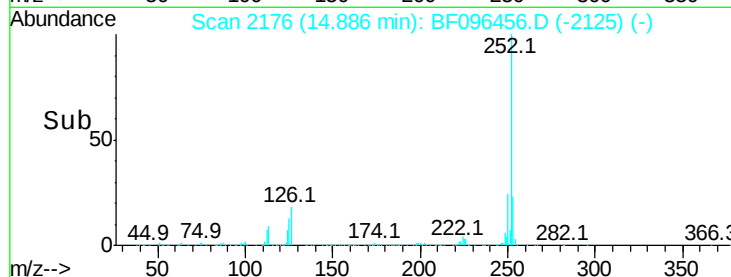
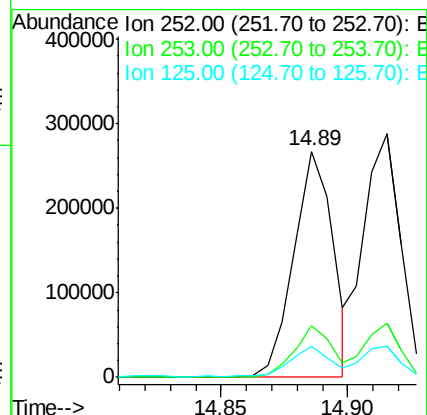
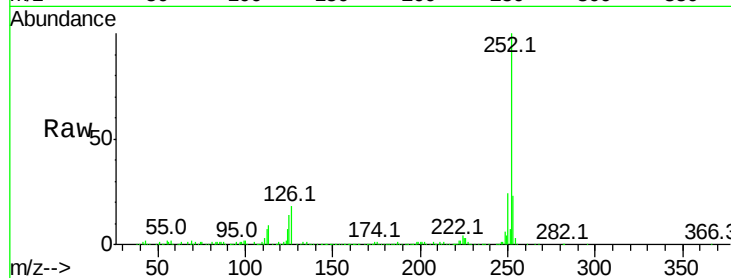
Tot Ion:252 Resp: 287713

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

125 13.8 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 43.70 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.03 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

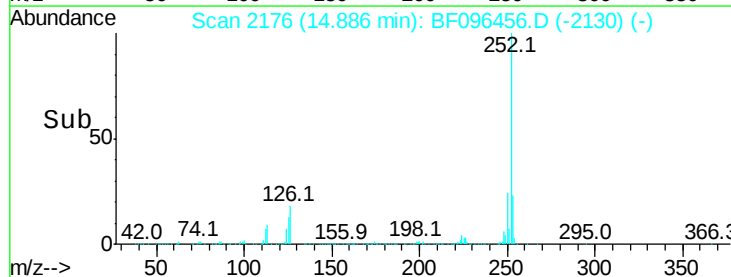
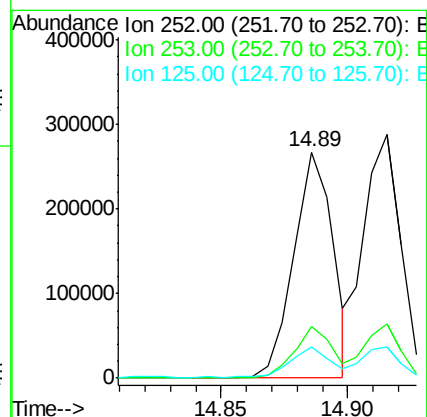
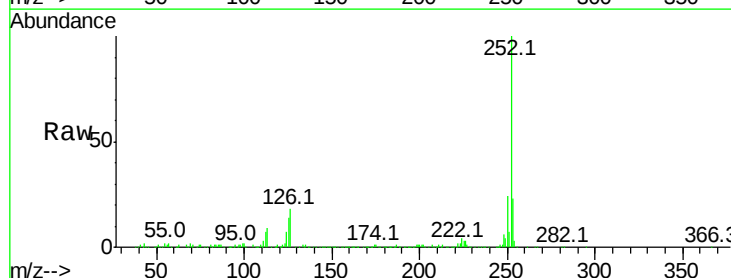
Tgt Ion:252 Resp: 287713

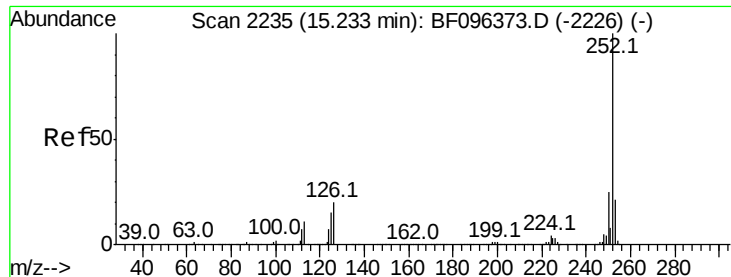
Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

125 13.8 13.1 19.7

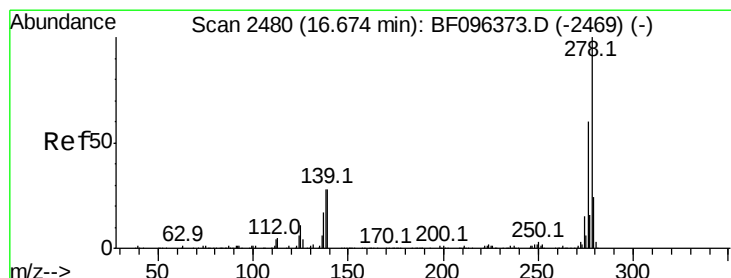
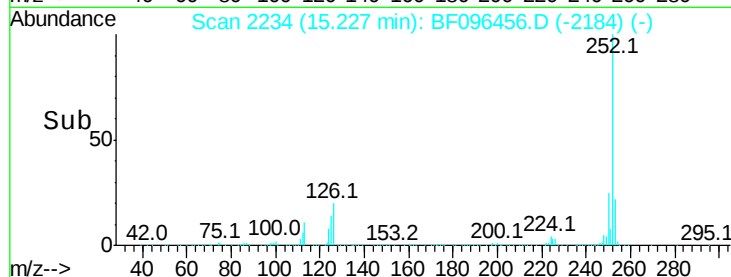
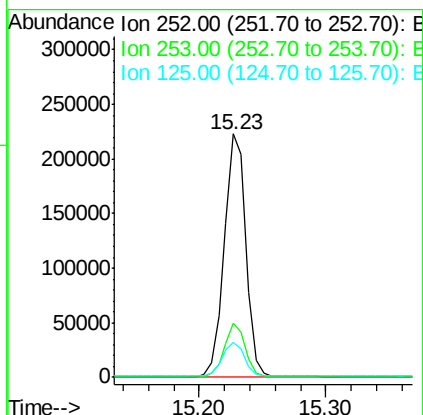
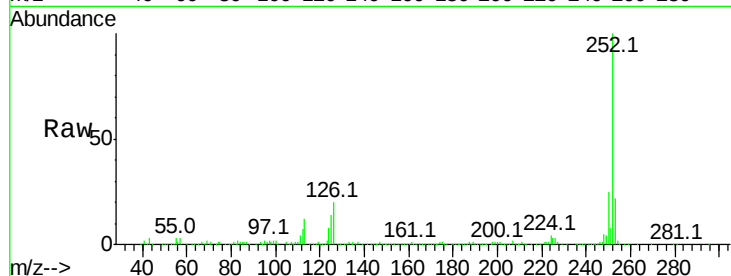




#89
Benzo(a)pyrene
Concen: 40.39 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

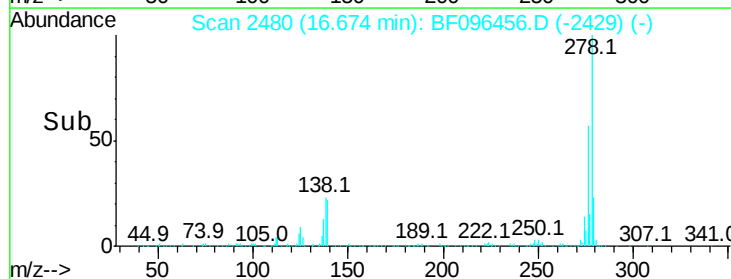
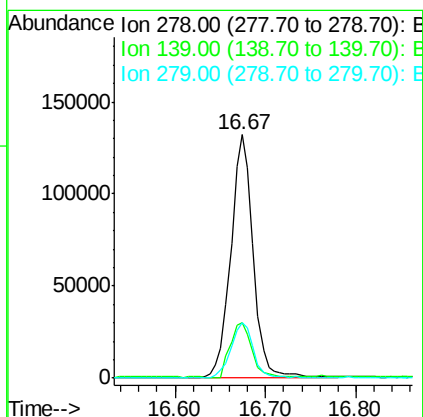
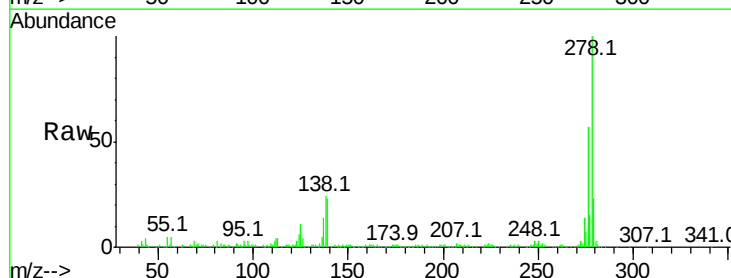
Instrument :
BNA_F
ClientSampleId :

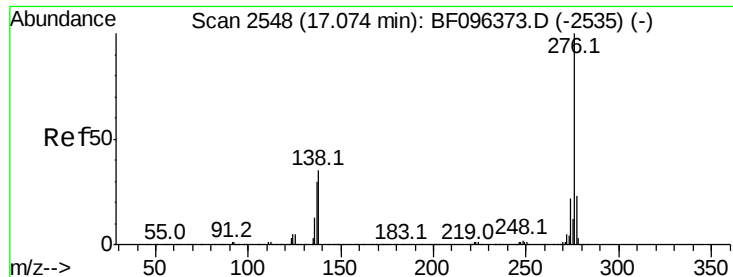
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.4	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 44.39 ng
RT: 16.67 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	16.6	24.8
279	22.9	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 41.84 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

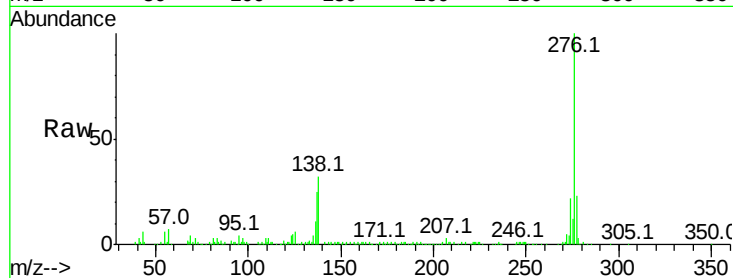
Tot Ion:276 Resp: 224138

Ion Ratio Lower Upper

276 100

277 22.6 18.6 28.0

138 32.0 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

