

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
 Data File : BF096397.D
 Acq On : 1 Jul 2017 23:48
 Operator : SJ/MA
 Sample : I3959-10MS 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:52:37 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	106731	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	443714	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	160005	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	241125	20.00	ng	0.00
75) Chrysene-d12	13.87	240	253044	20.00	ng	0.00
86) Perylene-d12	15.29	264	168267	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	222175	30.72	ng	0.00
7) Phenol-d6	6.36	99	298511	33.58	ng	-0.01
23) Nitrobenzene-d5	7.29	82	163950	22.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	13516	10.81	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	331539	35.43	ng	0.00
78) Terphenyl-d14	12.83	244	284422	24.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	32346	9.43	ng	# 80
3) Pyridine	3.11	79	78203	8.31	ng	# 64
4) n-Nitrosodimethylamine	3.02	42	47274	10.18	ng	# 75
6) Aniline	6.39	93	98615	8.58	ng	98
8) 2-Chlorophenol	6.52	128	70661	9.16	ng	97
9) Benzaldehyde	6.27	77	36278	6.52	ng	98
10) Phenol	6.37	94	110645	10.92	ng	92
11) bis(2-Chloroethyl)ether	6.46	93	83795	10.71	ng	95
12) 1,3-Dichlorobenzene	6.67	146	99791	12.34	ng	97
13) 1,4-Dichlorobenzene	6.75	146	95586	11.83	ng	96
14) 1,2-Dichlorobenzene	6.90	146	99116	13.36	ng	96
15) Benzyl Alcohol	6.87	79	76823	12.93	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	199317	12.53	ng	90
17) 2-Methylphenol	6.99	107	71594	11.65	ng	97
18) Hexachloroethane	7.25	117	22335	7.62	ng	# 86
19) n-Nitroso-di-n-propylamine	7.14	70	55528	10.48	ng	# 79
20) 3+4-Methylphenols	7.14	107	81518	11.89	ng	95
22) Acetophenone	7.13	105	112651	11.62	ng	# 94
24) Nitrobenzene	7.30	77	77317	9.98	ng	94
25) Isophorone	7.55	82	160035	11.18	ng	94
26) 2-Nitrophenol	7.63	139	13185	3.22	ng	# 88
27) 2,4-Dimethylphenol	7.67	122	80760	11.57	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	119403	12.63	ng	96
29) 2,4-Dichlorophenol	7.87	162	49353	8.19	ng	94
30) 1,2,4-Trichlorobenzene	7.96	180	70679	12.44	ng	98
31) Naphthalene	8.04	128	308314	14.72	ng	99
32) Benzoic acid	7.67	122	80760	13.77	ng	# 11
33) 4-Chloroaniline	8.08	127	89072	10.24	ng	96
34) Hexachlorobutadiene	8.16	225	37329	12.81	ng	97
35) Caprolactam	8.40	113	19101	9.20	ng	# 69
36) 4-Chloro-3-methylphenol	8.56	107	65822	9.88	ng	88
37) 2-Methylnaphthalene	8.73	142	174107	13.06	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	58749	14.14	ng	98
43) 2,4,5-Trichlorophenol	9.04	196	18482	5.69	ng	97

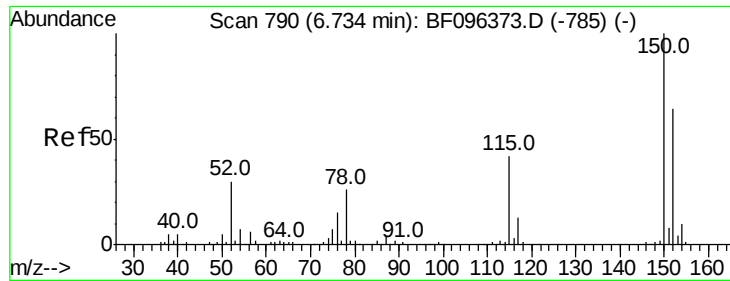
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.19	154	184715	13.47	nq	96
46) 2-Chloronaphthalene	9.21	162	134523	13.17	nq	94
47) 2-Nitroaniline	9.30	65	49702	13.37	nq	97
48) Acenaphthylene	9.63	152	207128	12.79	nq	97
49) Dimethylphthalate	9.49	163	197284	16.52	nq	99
50) 2,6-Dinitrotoluene	9.55	165	25687	9.72	nq	# 93
51) Acenaphthene	9.80	154	135104	13.54	nq	98
52) 3-Nitroaniline	9.71	138	40988	12.44	nq	91
54) Dibenzofuran	9.97	168	198438	15.06	nq	97
55) 4-Nitrophenol	9.97	139	71109	26.04	nq	# 27
56) 2,4-Dinitrotoluene	9.95	165	27532	8.23	nq	# 84
57) Fluorene	10.31	166	159839	17.18	nq	98
59) Diethylphthalate	10.19	149	146119	12.94	nq	100
60) 4-Chlorophenyl-phenylether	10.31	204	55263	13.65	nq	91
61) 4-Nitroaniline	10.31	138	41788	13.95	nq	89
62) Azobenzene	10.46	77	114855	10.52	nq	92
65) n-Nitrosodiphenylamine	10.42	169	105253	12.44	nq	97
66) 4-Bromophenyl-phenylether	10.79	248	30405	12.95	nq	96
67) Hexachlorobenzene	10.86	284	32746	12.74	nq	# 90
68) Atrazine	10.94	200	30389	12.57	nq	93
70) Phenanthrene	11.27	178	331371	25.42	nq	99
71) Anthracene	11.32	178	228974	17.24	nq	98
72) Carbazole	11.47	167	190668	14.27	nq	98
73) Di-n-butylphthalate	11.82	149	210874	13.03	nq	# 98
74) Fluoranthene	12.45	202	359362	28.12	nq	98
76) Benzidine	12.57	184	100293	8.26	nq	# 93
77) Pyrene	12.68	202	381072	18.76	nq	99
79) Butylbenzylphthalate	13.30	149	115734	11.26	nq	# 80
80) Benzo(a)anthracene	13.86	228	267845	18.28	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	60496	10.05	nq	# 96
82) Chrysene	13.90	228	250623	16.33	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	153409	13.37	nq	100
84) Di-n-octyl phthalate	14.48	149	286657	12.68	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.65	276	127482	10.52	nq	# 93
87) Benzo(b)fluoranthene	14.89	252	209270	19.85	nq	# 96
88) Benzo(k)fluoranthene	14.91	252	145340	15.41	nq	99
89) Benzo(a)pyrene	15.23	252	167699	17.82	nq	98
90) Dibenzo(a,h)anthracene	16.67	278	91491	12.35	nq	# 95
91) Benzo(g,h,i)perylene	17.06	276	113458	14.79	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

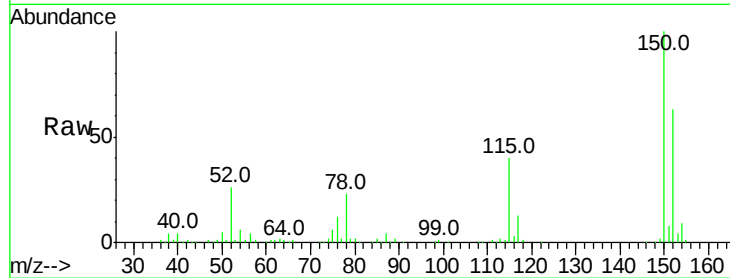
Tot Ion:152 Resp: 106731

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

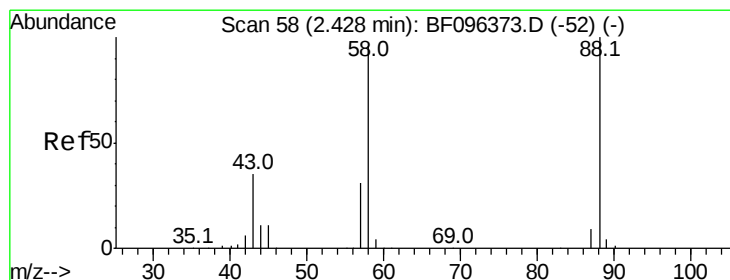
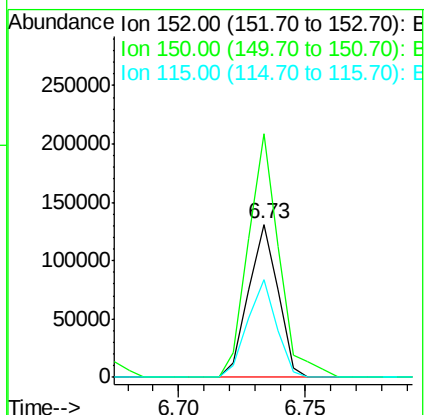
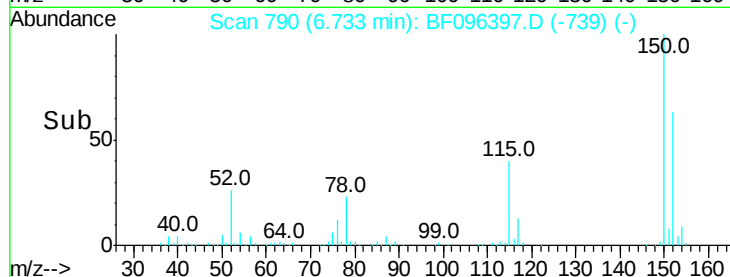
115 64.1 52.2 78.2



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: 9.43 ng

RT: 2.39 min Scan# 52

Delta R.T. -0.04 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

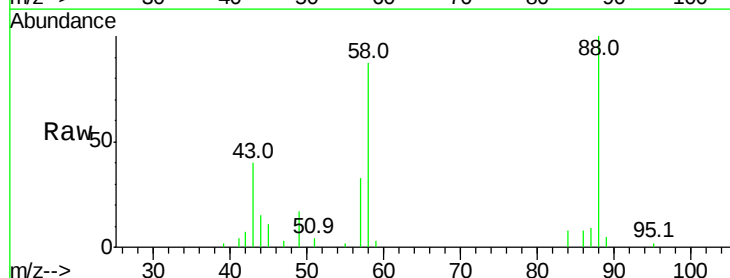
Tgt Ion: 88 Resp: 32346

Ion Ratio Lower Upper

88 100

58 94.3 61.4 92.0#

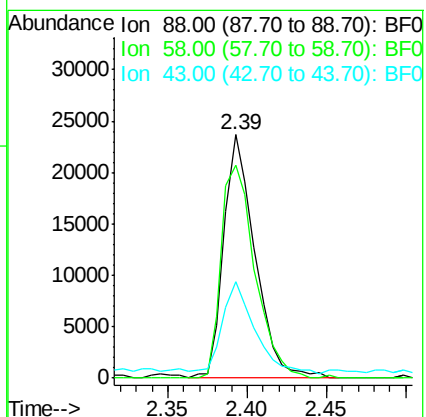
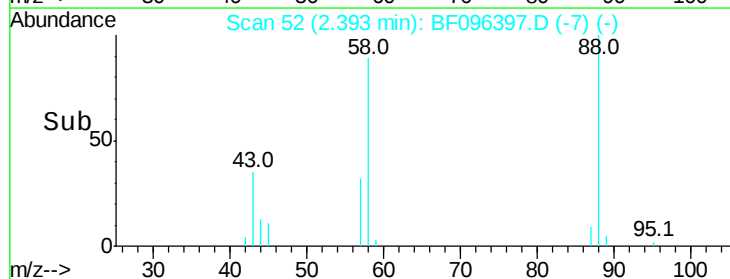
43 38.7 23.4 35.0#

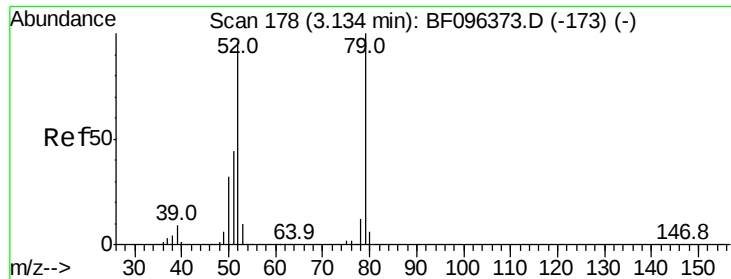


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 8.31 ng

RT: 3.11 min Scan# 174

Delta R.T. -0.02 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampled :

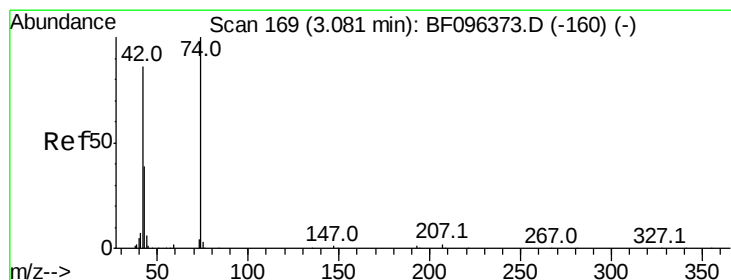
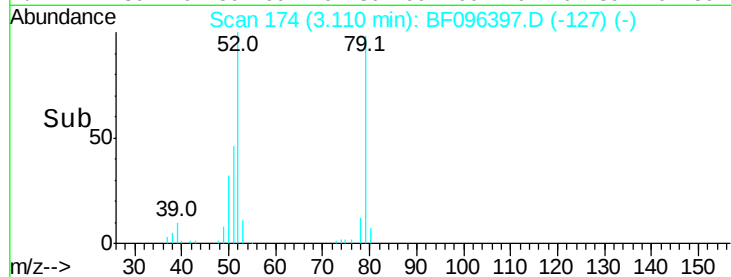
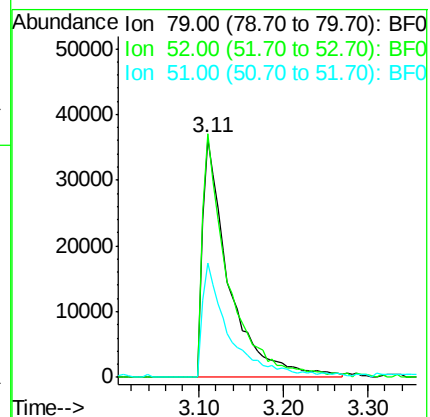
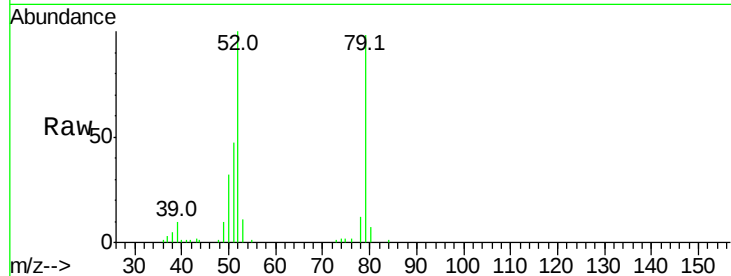
Tot Ion: 79 Resp: 78203

Ion Ratio Lower Upper

79 100

52 102.1 54.8 82.2#

51 48.0 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 10.18 ng

RT: 3.02 min Scan# 158

Delta R.T. -0.06 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

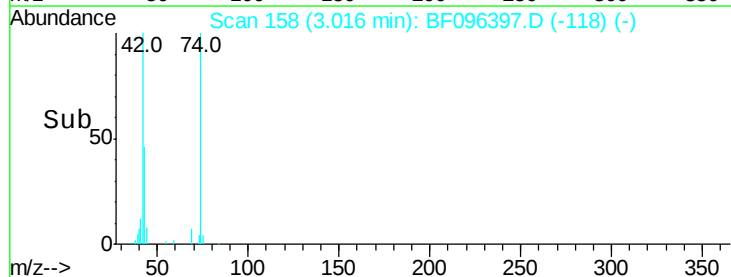
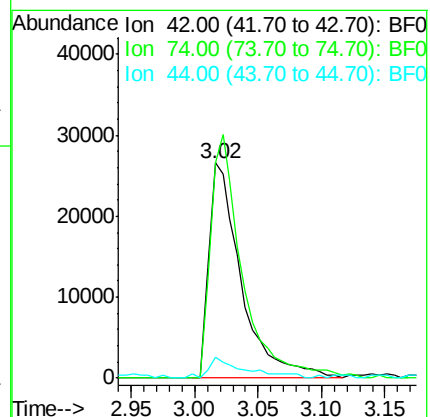
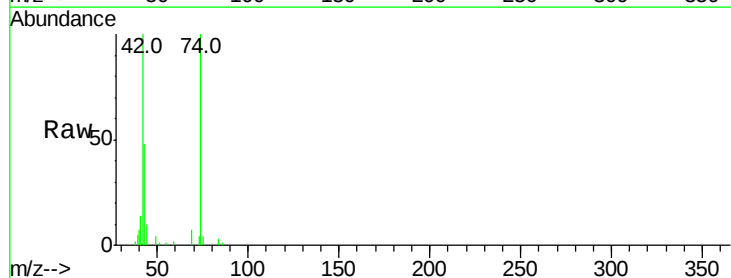
Tgt Ion: 42 Resp: 47274

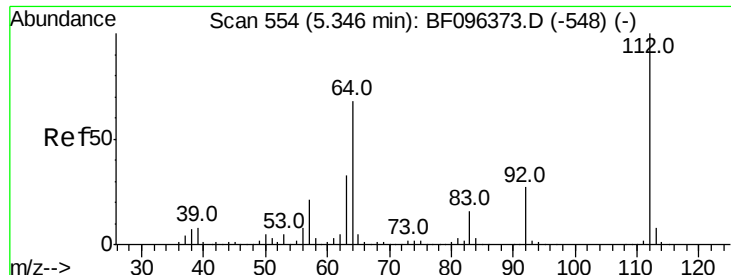
Ion Ratio Lower Upper

42 100

74 100.0 103.9 155.9#

44 9.5 5.7 8.5#

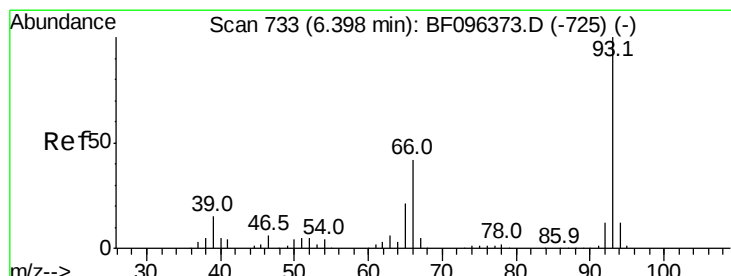
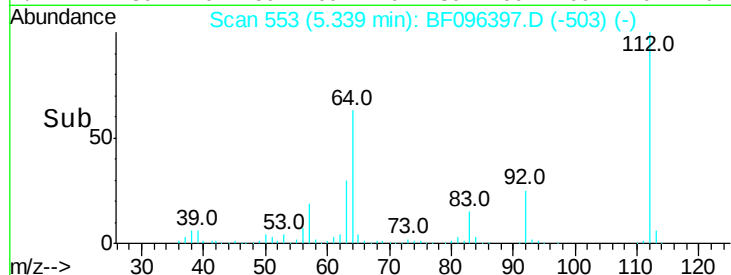
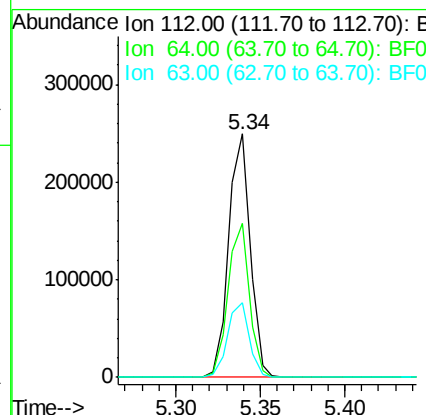
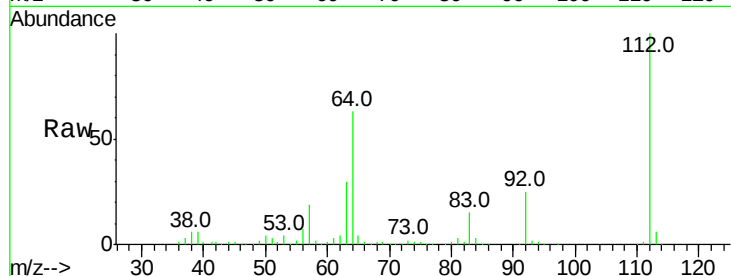




#5
 2-Fluorophenol
 Concen: 30.72 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

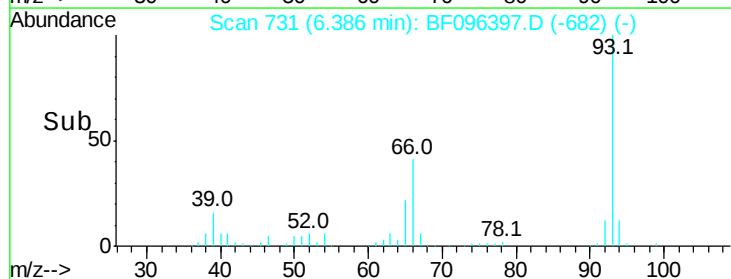
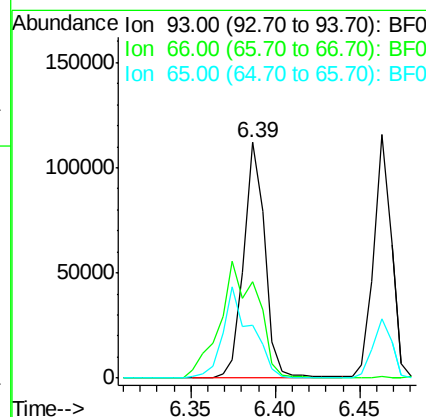
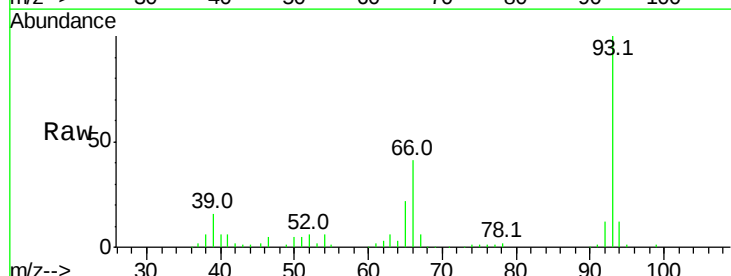
Instrument :
 BNA_F
 ClientSampleId :

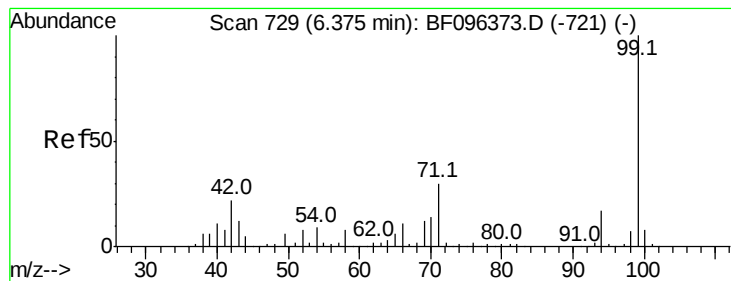
Tot Ion:	112	Resp:	222175
Ion Ratio	Lower	Upper	
112	100		
64	63.1	46.0	69.0
63	30.4	23.4	35.0



#6
 Aniline
 Concen: 8.58 ng
 RT: 6.39 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Tgt Ion:	93	Resp:	98615
Ion Ratio	Lower	Upper	
93	100		
66	40.8	32.9	49.3
65	22.4	16.0	24.0





#7

Phenol-d6

Concen: 33.58 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampled :

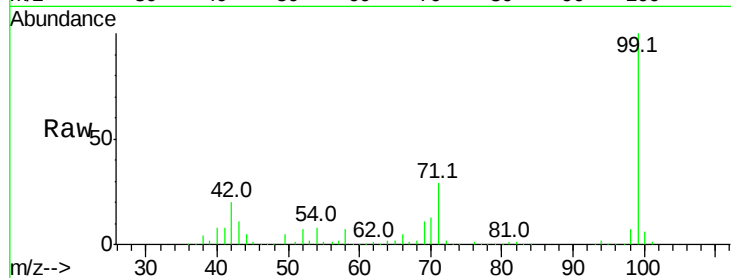
Tot Ion: 99 Resp: 298511

Ion Ratio Lower Upper

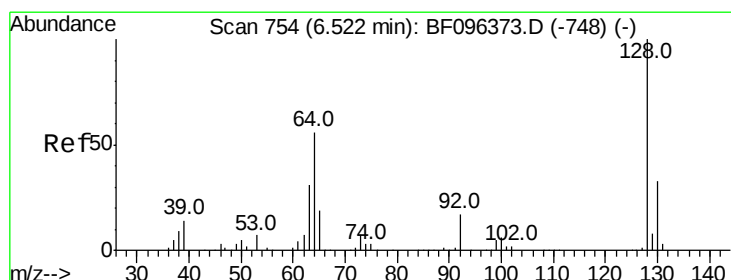
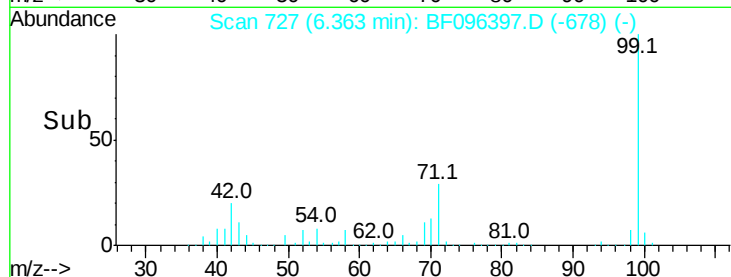
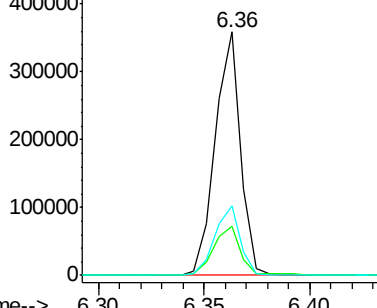
99 100

42 20.0 13.5 20.3

71 28.6 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: 9.16 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

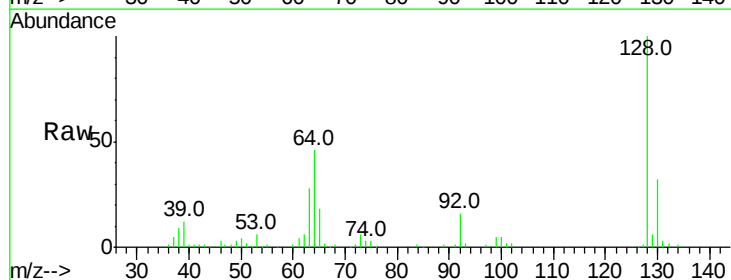
Tgt Ion: 128 Resp: 70661

Ion Ratio Lower Upper

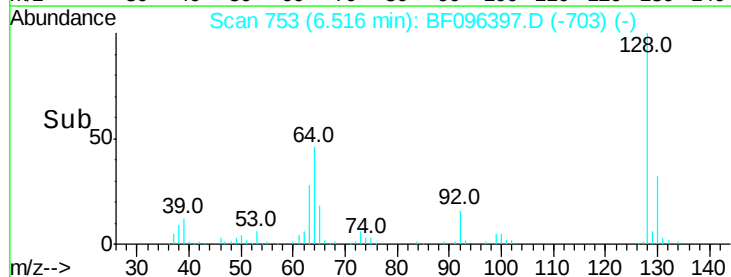
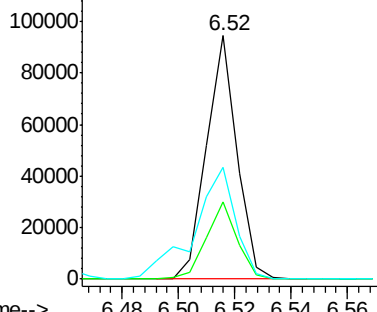
128 100

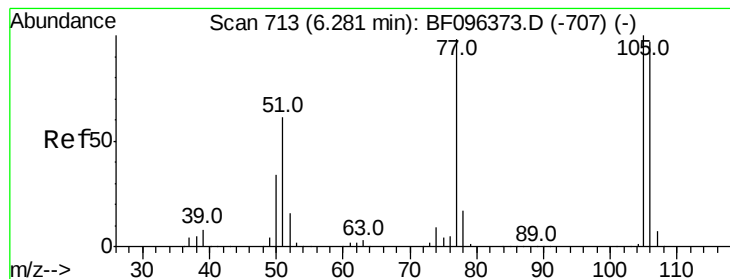
130 31.8 12.9 52.9

64 45.9 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: 6.52 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

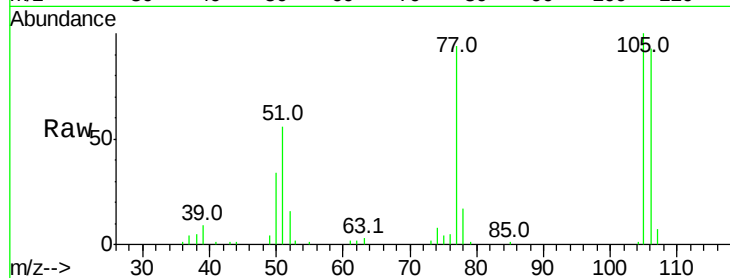
Tot Ion: 77 Resp: 36278

Ion Ratio Lower Upper

77 100

105 106.7 83.8 123.8

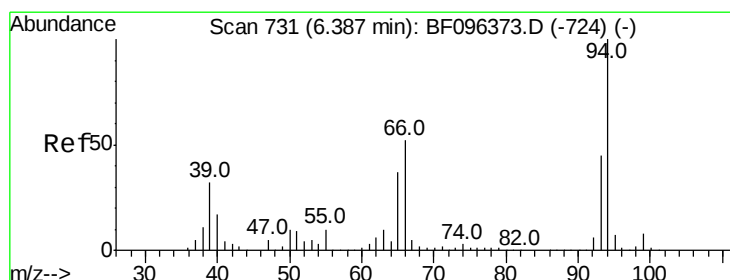
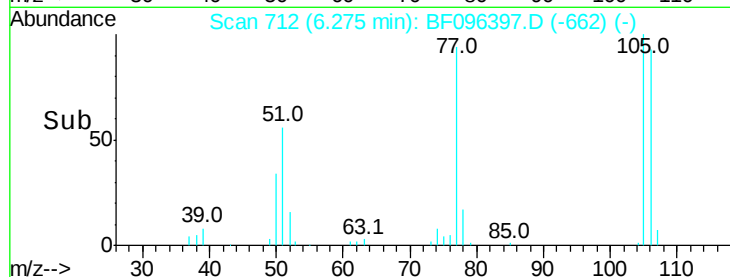
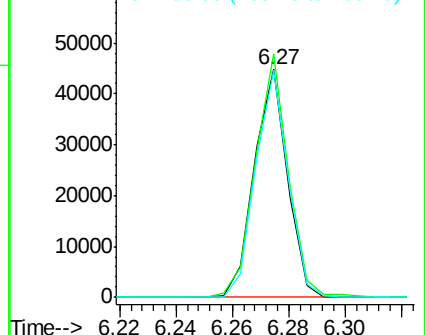
106 99.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 10.92 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

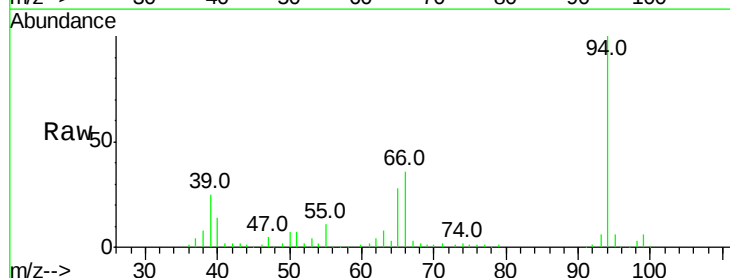
Tgt Ion: 94 Resp: 110645

Ion Ratio Lower Upper

94 100

65 27.9 9.9 49.9

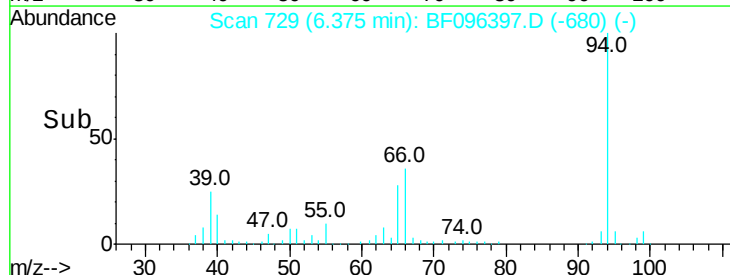
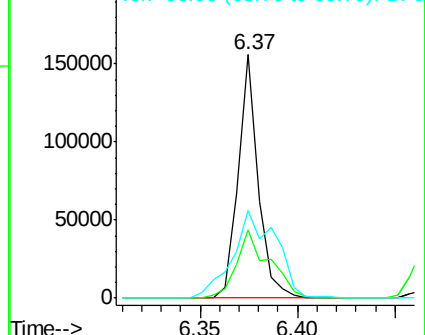
66 35.8 23.1 63.1

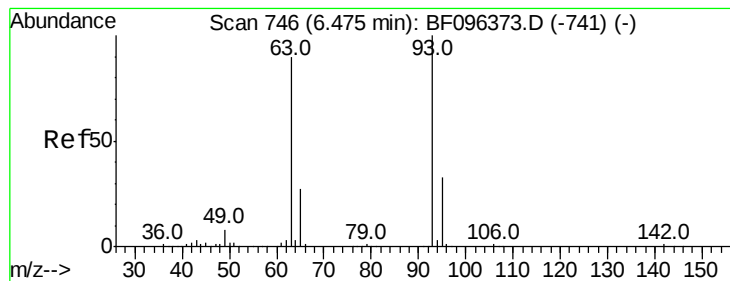


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 10.71 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

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BNA_F

ClientSampleId :

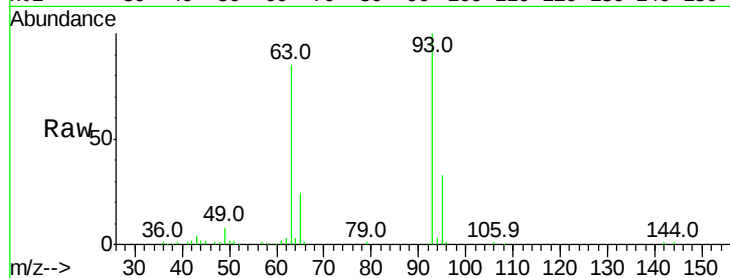
Tot Ion: 93 Resp: 83795

Ion Ratio Lower Upper

93 100

63 84.7 59.2 99.2

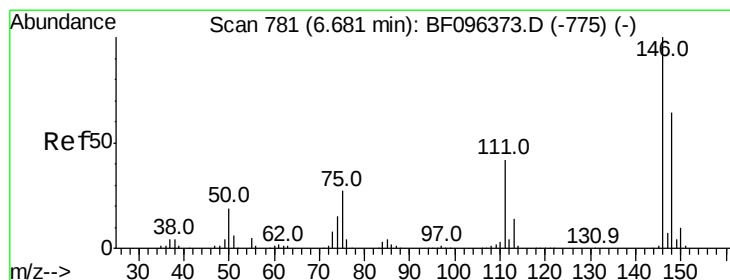
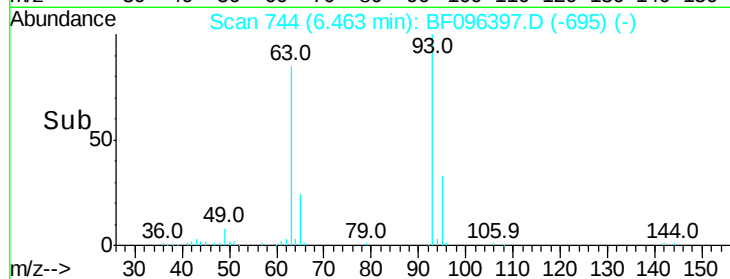
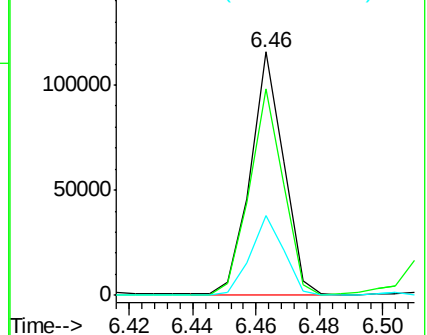
95 32.5 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 12.34 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

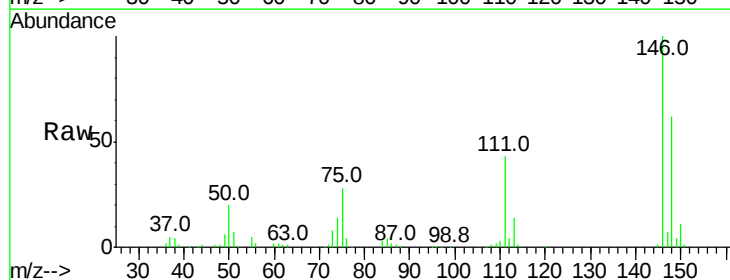
Tgt Ion: 146 Resp: 99791

Ion Ratio Lower Upper

146 100

148 61.7 51.8 77.6

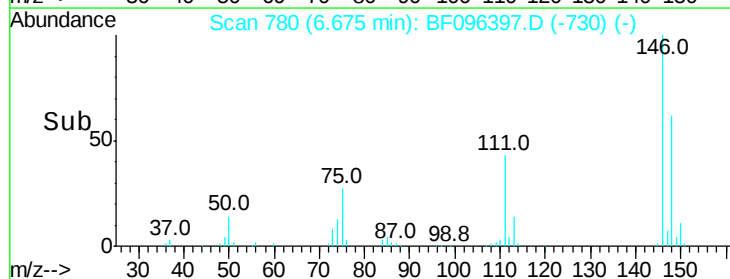
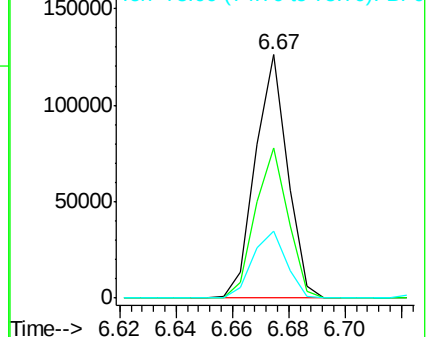
75 27.7 23.1 34.7

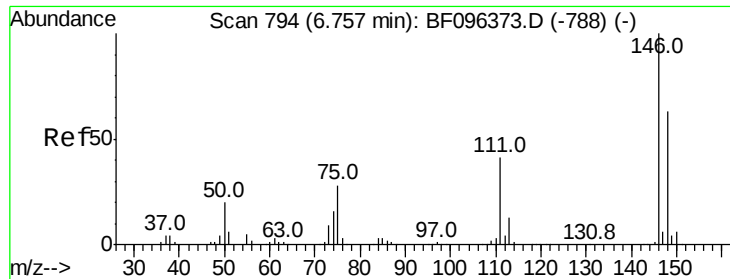


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 11.83 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

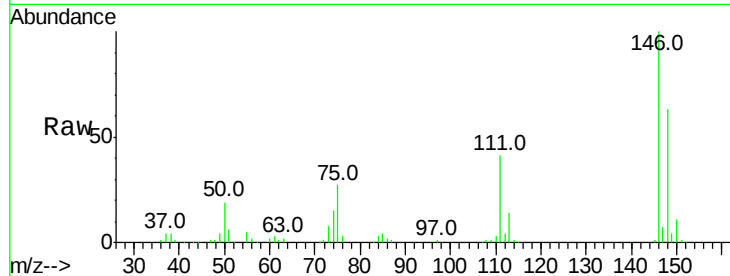
Tot Ion:146 Resp: 95586

Ion Ratio Lower Upper

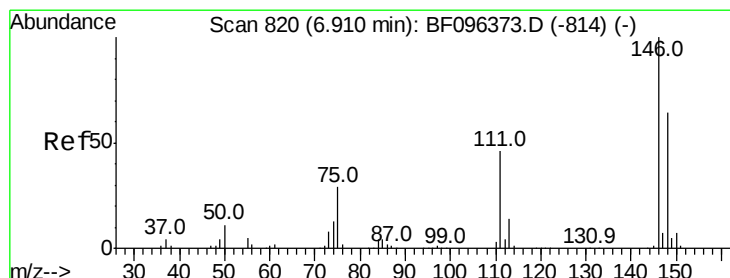
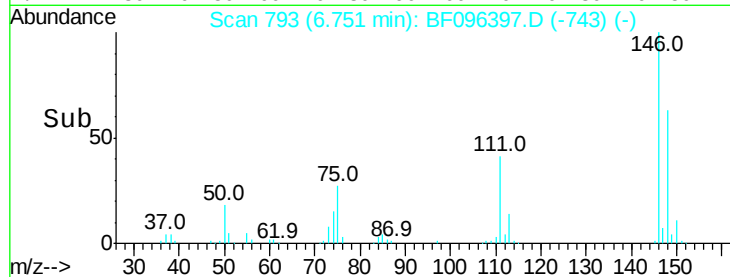
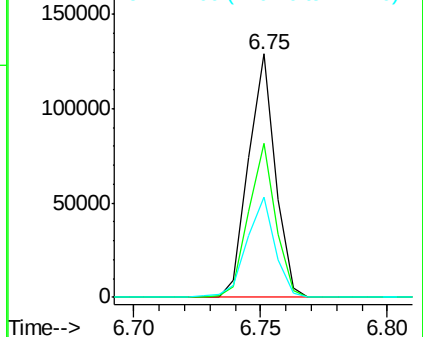
146 100

148 63.2 52.2 78.2

111 41.4 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: 13.36 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

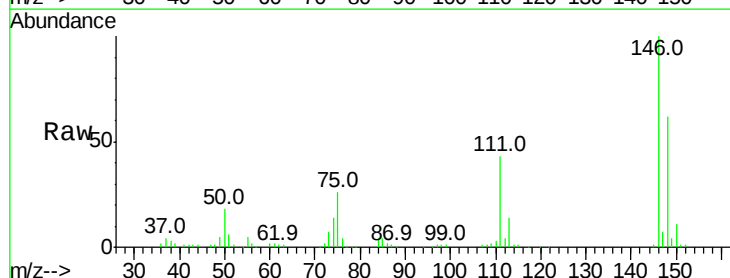
Tgt Ion:146 Resp: 99116

Ion Ratio Lower Upper

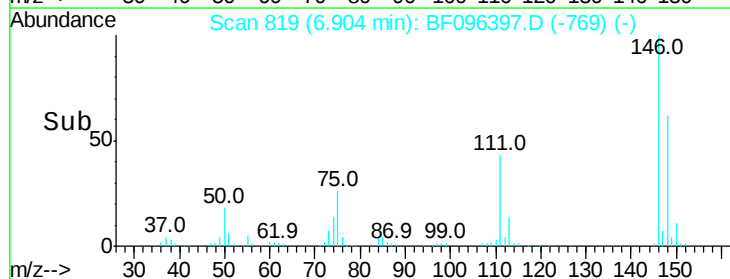
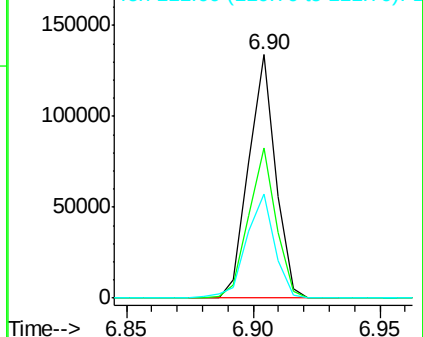
146 100

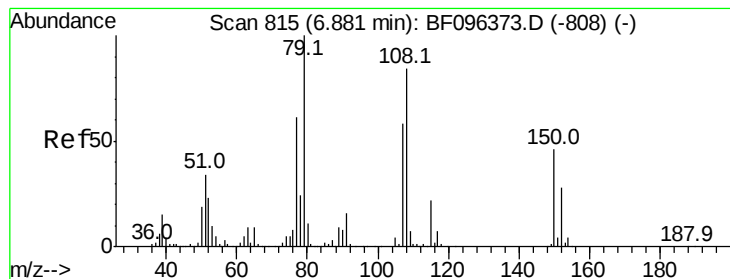
148 61.8 50.4 75.6

111 42.7 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: 12.93 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

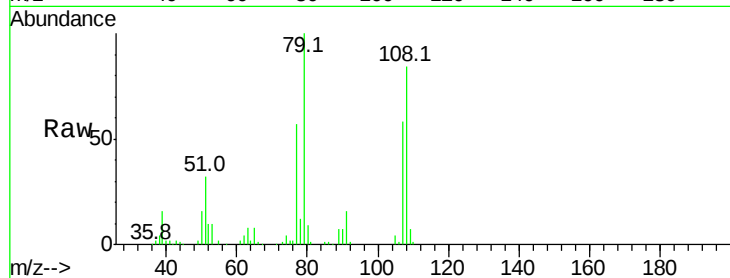
Tot Ion: 79 Resp: 76823

Ion Ratio Lower Upper

79 100

108 83.8 63.4 95.0

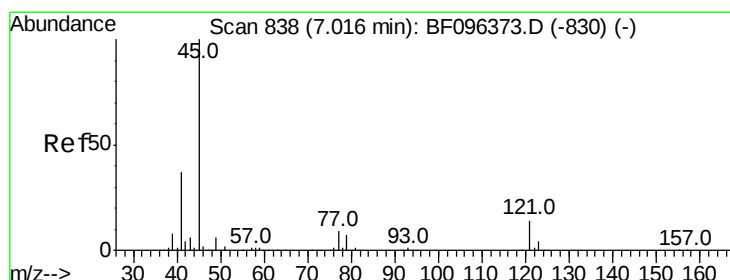
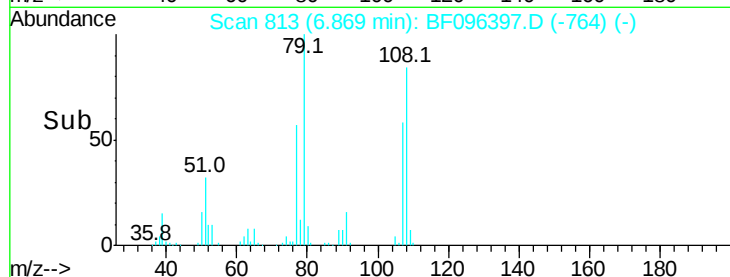
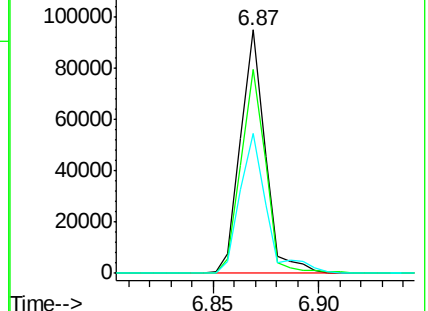
77 57.4 49.2 73.8



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: 12.53 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

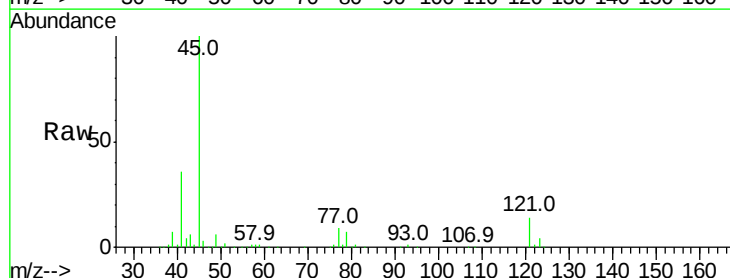
Tgt Ion: 45 Resp: 199317

Ion Ratio Lower Upper

45 100

77 8.9 0.0 33.2

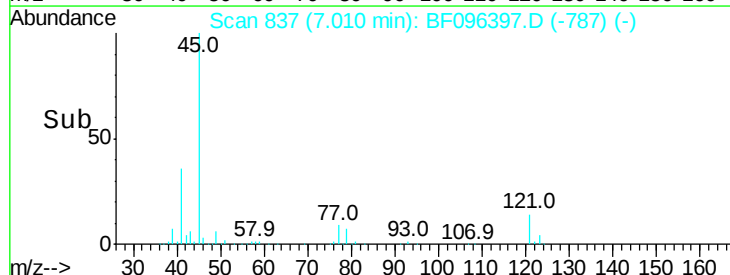
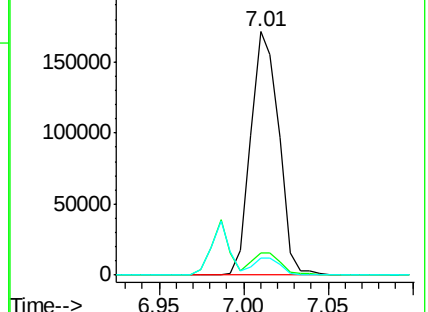
79 7.0 0.0 30.0

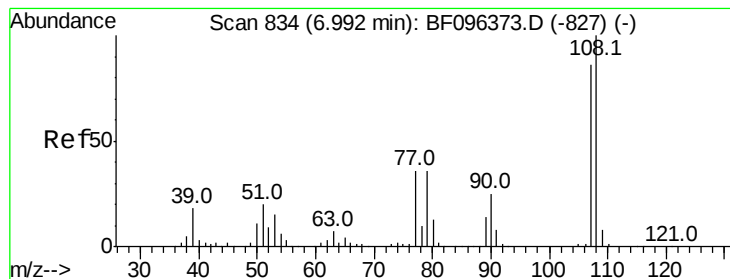


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 11.65 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 71594

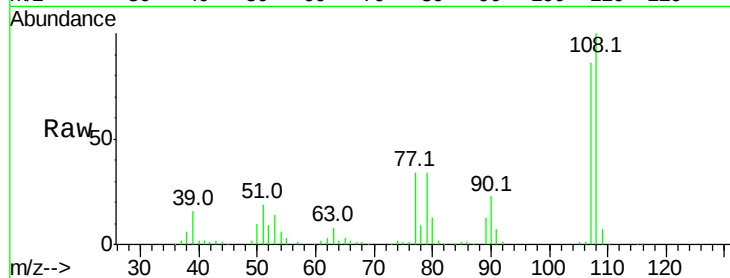
Ion Ratio Lower Upper

107 100

108 116.8 93.4 140.0

77 40.2 35.8 53.6

79 40.2 34.8 52.2

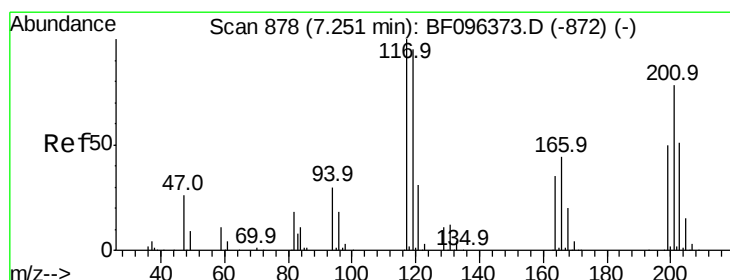
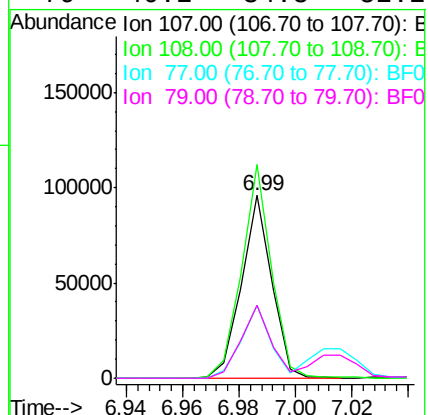
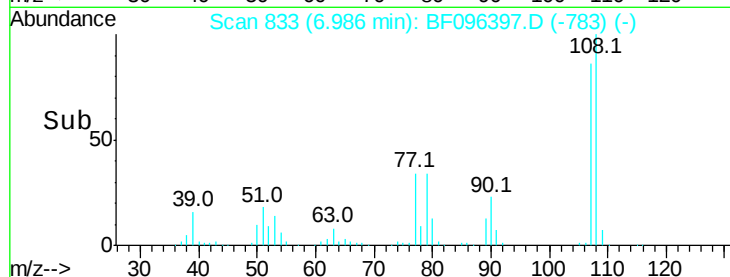


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 7.62 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

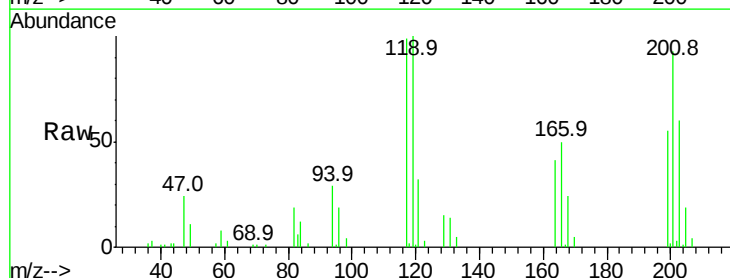
Tgt Ion:117 Resp: 22335

Ion Ratio Lower Upper

117 100

119 101.4 77.4 116.0

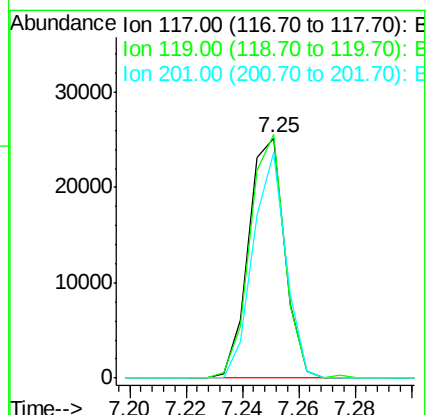
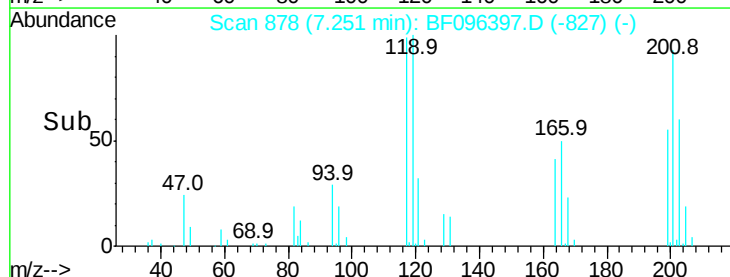
201 94.1 94.6 141.8#

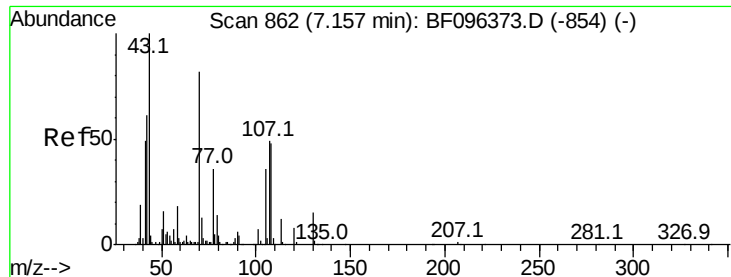


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

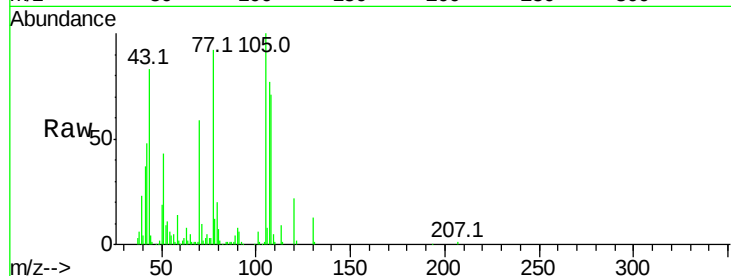




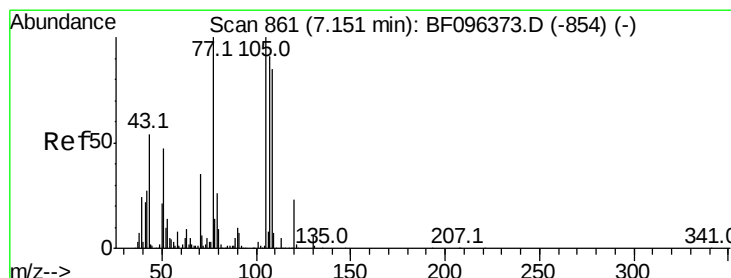
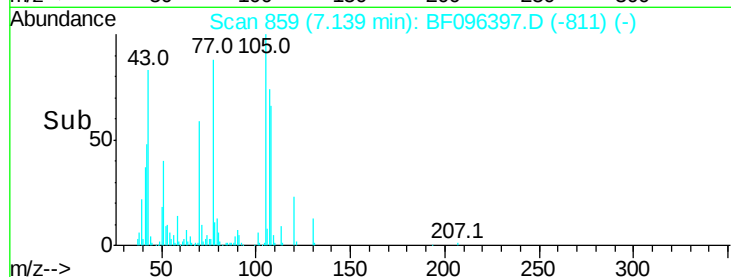
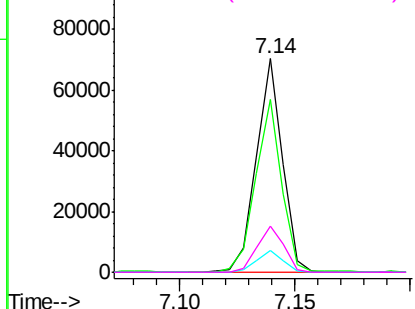
#19
n-Nitroso-di-n-propylamine
Concen: 10.48 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 55528
Ion Ratio Lower Upper
70 100
42 80.6 47.2 70.8#
101 10.1 7.2 10.8
130 21.8 15.9 23.9

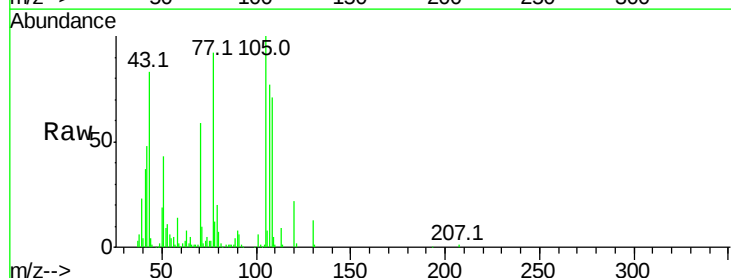


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

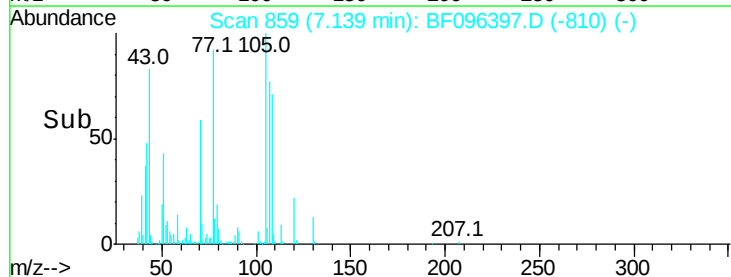
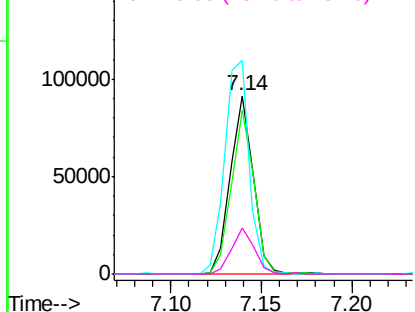


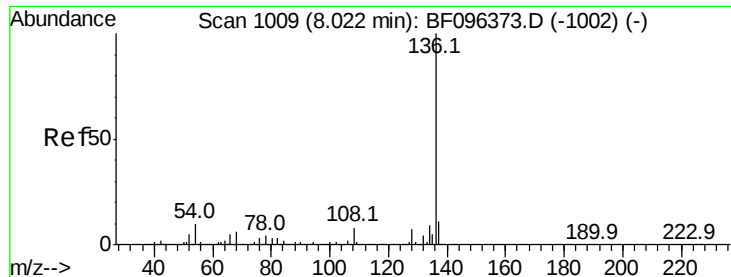
#20
3+4-Methylphenols
Concen: 11.89 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Tgt Ion: 107 Resp: 81518
Ion Ratio Lower Upper
107 100
108 91.6 71.0 111.0
77 119.7 90.5 130.5
79 25.7 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096397.D

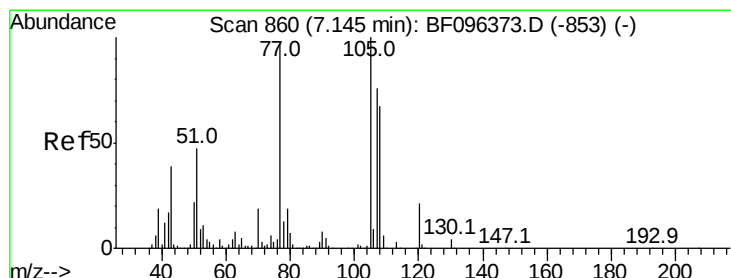
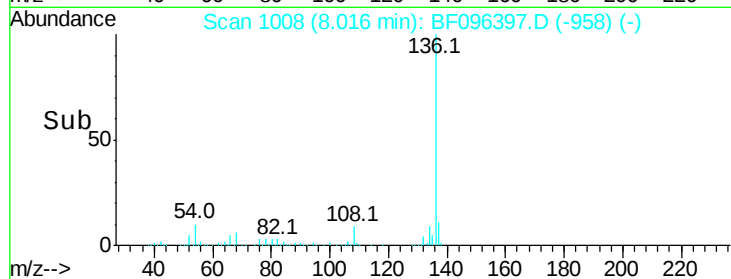
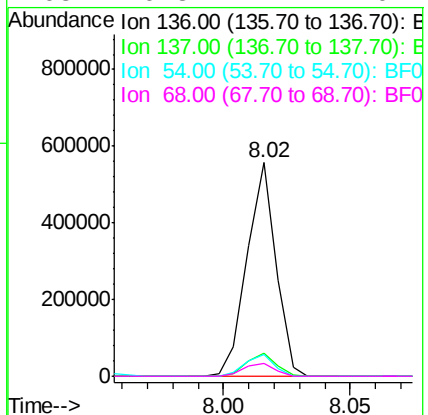
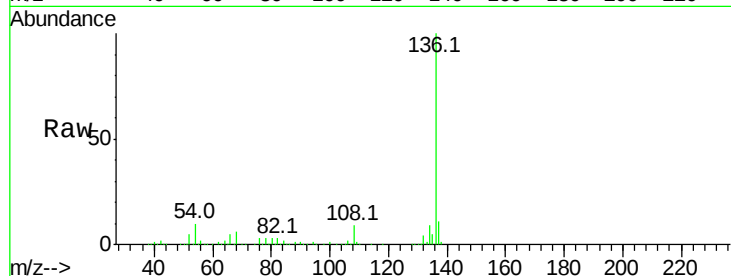
Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	443714
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.2	4.9	7.3#
68	6.3	4.1	6.1#



#22

Acetophenone

Concen: 11.62 ng

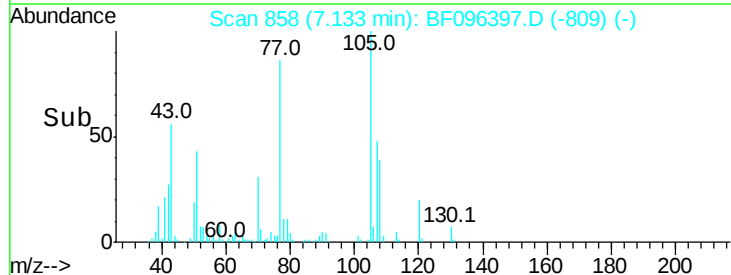
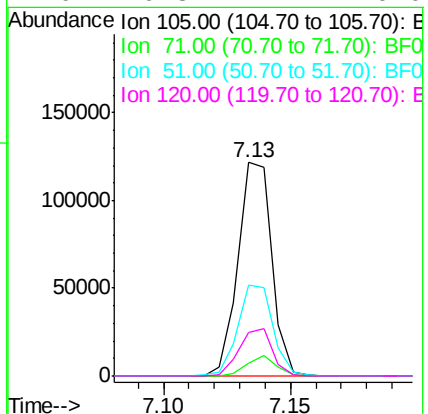
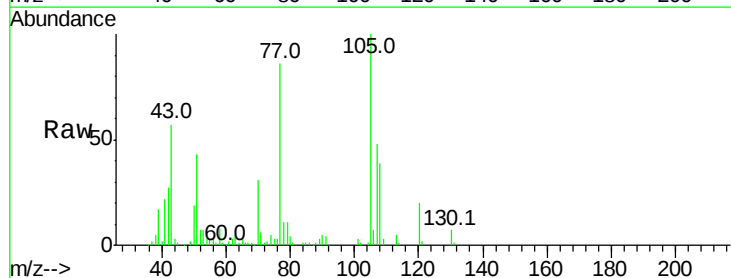
RT: 7.13 min Scan# 858

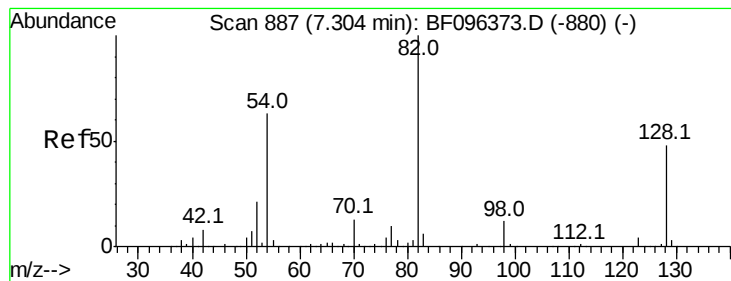
Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Tgt Ion:	105	Resp:	112651
Ion	Ratio	Lower	Upper
105	100		
71	5.9	2.8	4.2#
51	42.6	30.7	46.1
120	20.3	17.4	26.0





#23

Nitrobenzene-d5

Concen: 22.20 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampled :

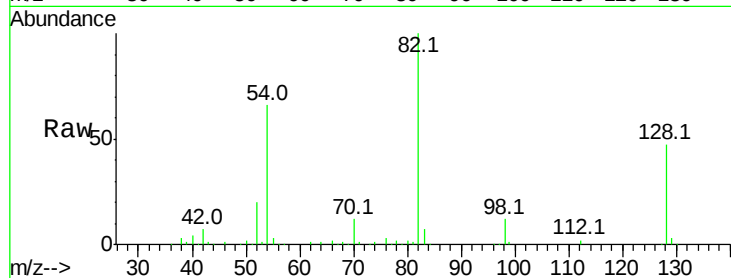
Tot Ion: 82 Resp: 163950

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

54 65.9 42.2 63.2#

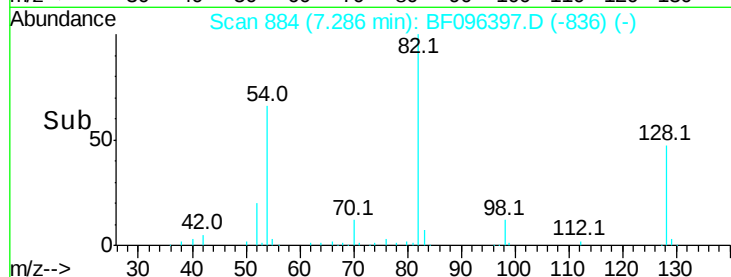


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Time-->



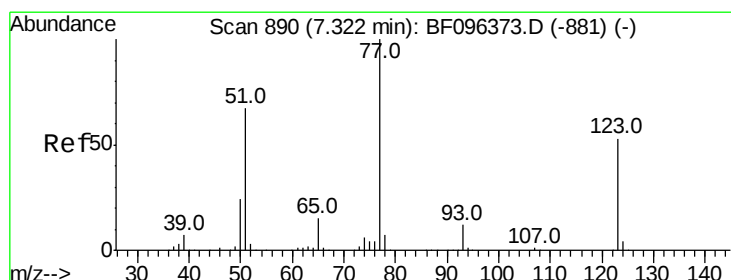
Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Time-->



#24

Nitrobenzene

Concen: 9.98 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

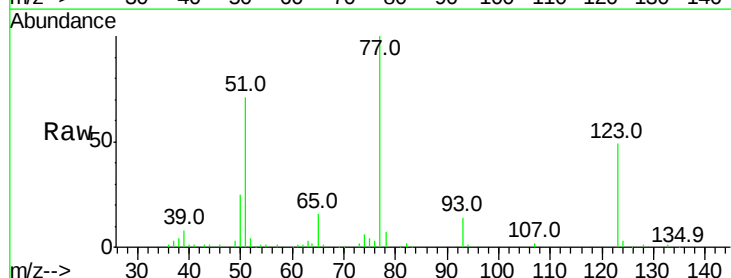
Tgt Ion: 77 Resp: 77317

Ion Ratio Lower Upper

77 100

123 48.6 35.8 53.8

65 15.7 10.6 15.8

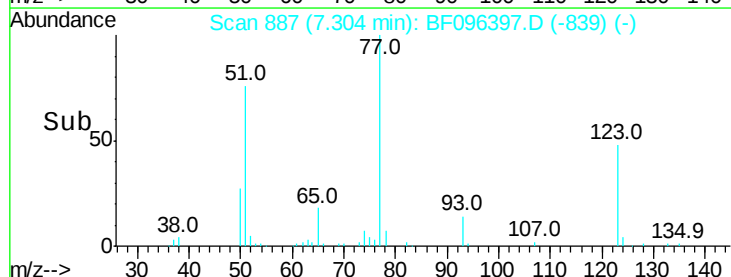


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



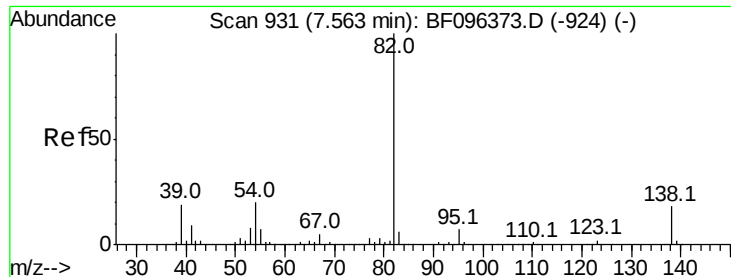
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



#25

Isophorone

Concen: 11.18 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :
BNA_F
ClientSampled :

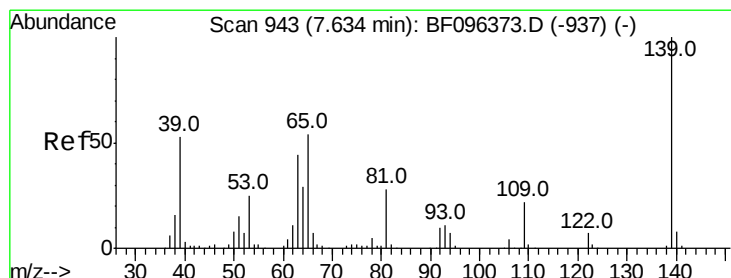
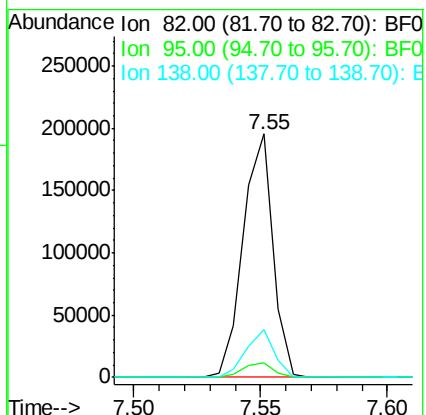
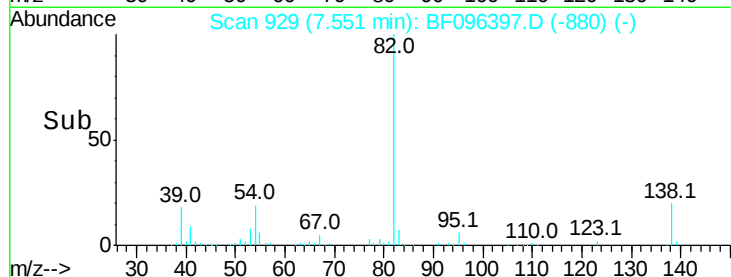
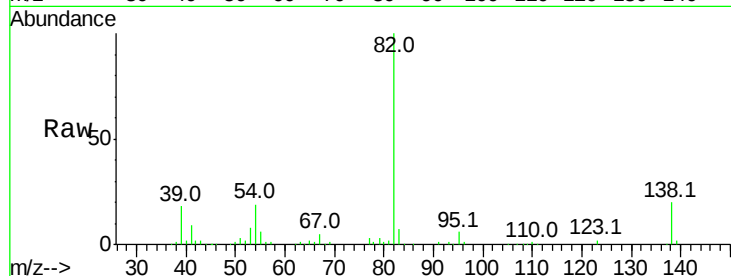
Tot Ion: 82 Resp: 160035

Ion Ratio Lower Upper

82 100

95 6.1 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 3.22 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

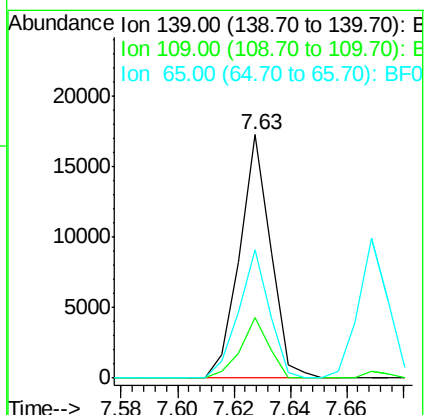
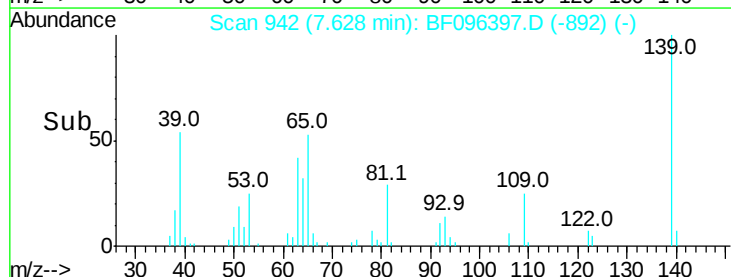
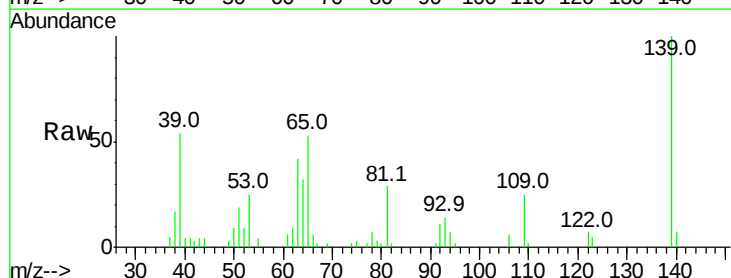
Tgt Ion:139 Resp: 13185

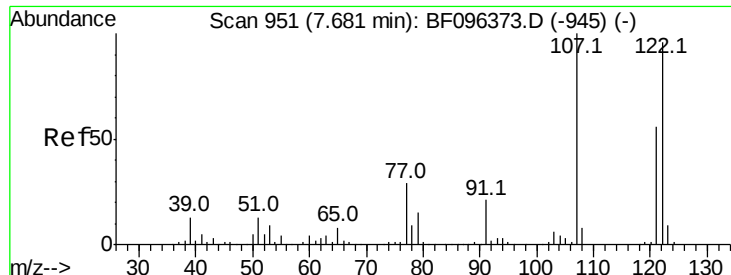
Ion Ratio Lower Upper

139 100

109 24.8 21.0 31.6

65 52.5 33.0 49.6#

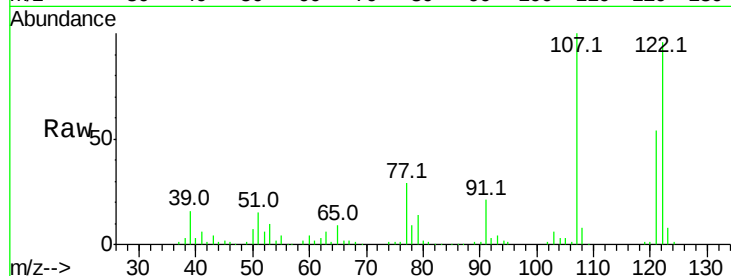




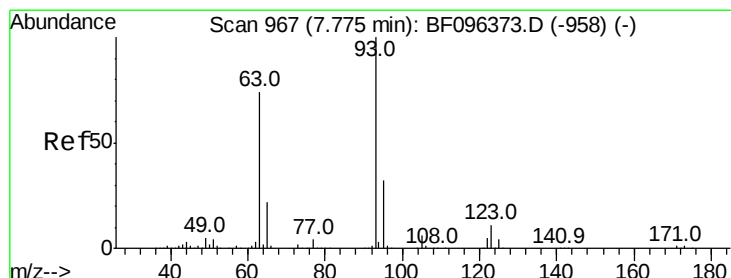
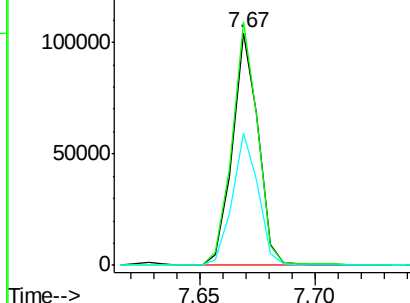
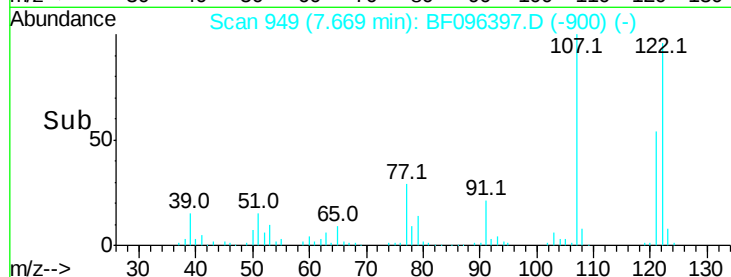
#27
 2,4-Dimethylphenol
 Concen: 11.57 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 80760
 Ion Ratio Lower Upper
 122 100
 107 104.7 89.2 133.8
 121 57.0 45.2 67.8

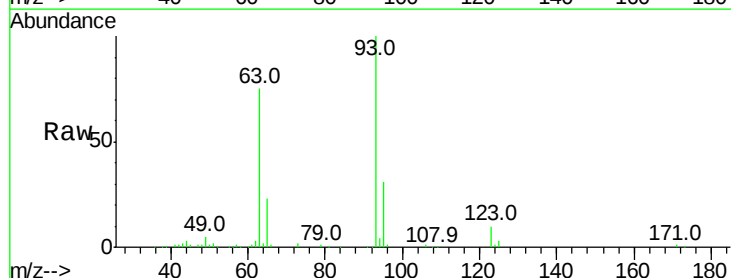


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

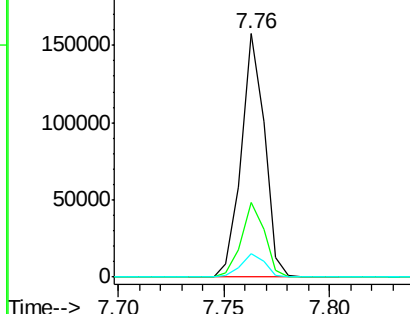
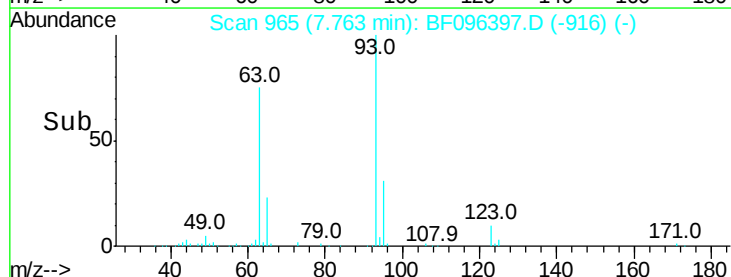


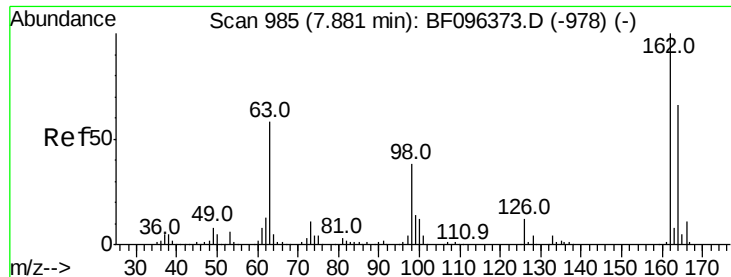
#28
 bis(2-Chloroethoxy)methane
 Concen: 12.63 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Tgt Ion: 93 Resp: 119403
 Ion Ratio Lower Upper
 93 100
 95 30.5 26.5 39.7
 123 9.7 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

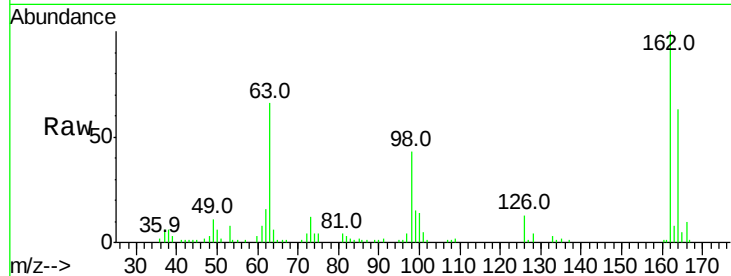




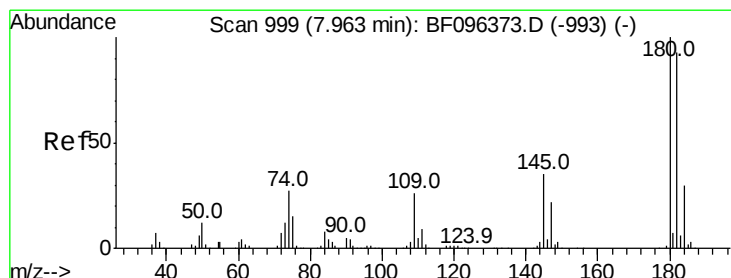
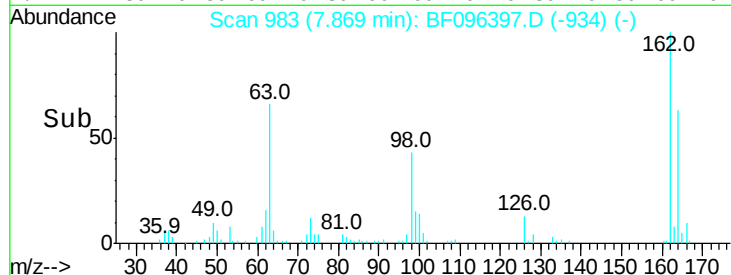
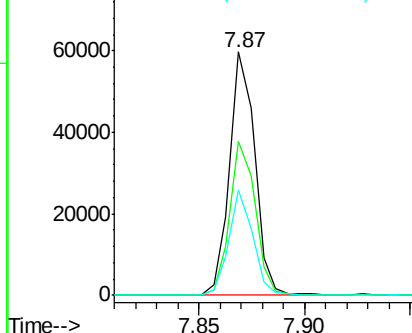
#29
2,4-Dichlorophenol
Concen: 8.19 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 49353
Ion Ratio Lower Upper
162 100
164 63.2 44.6 84.6
98 43.2 14.8 54.8

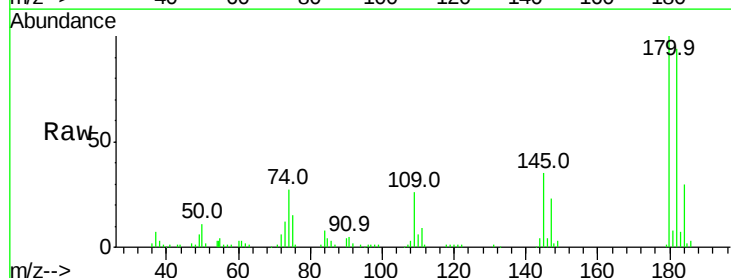


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

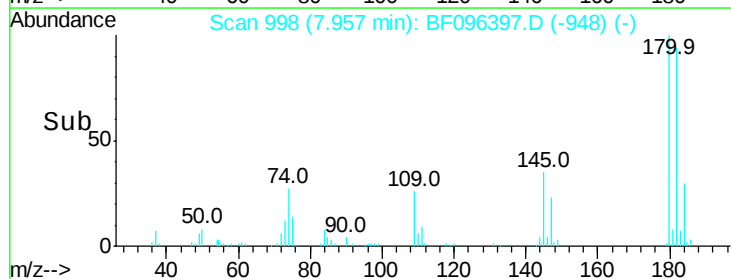
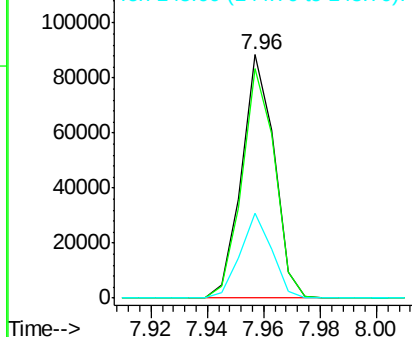


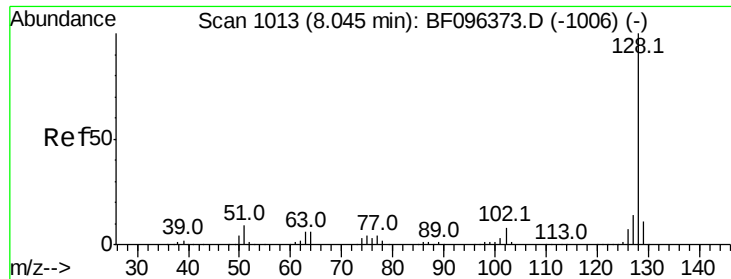
#30
1,2,4-Trichlorobenzene
Concen: 12.44 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Tgt Ion:180 Resp: 70679
Ion Ratio Lower Upper
180 100
182 94.3 75.8 113.6
145 34.7 25.3 37.9



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

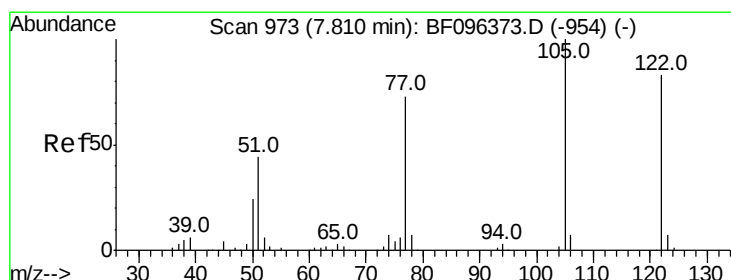
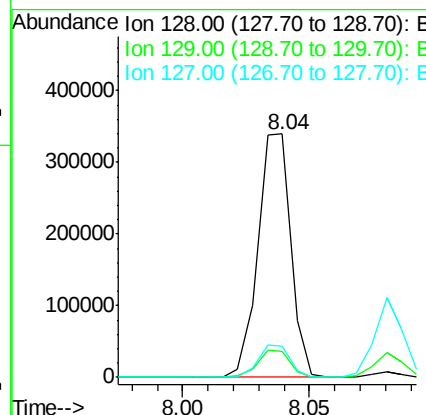
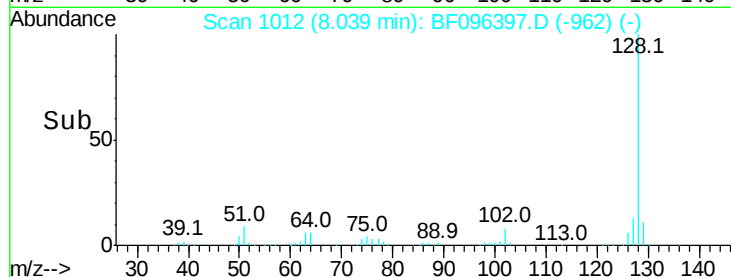
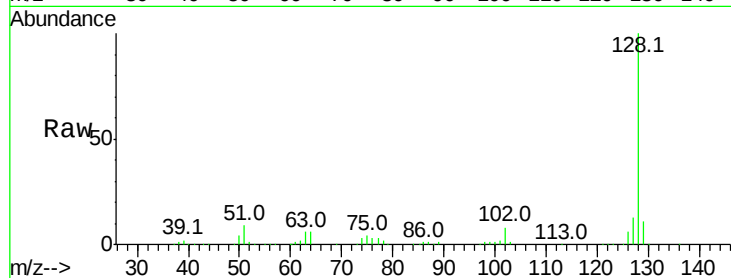




#31
Naphthalene
Concen: 14.72 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

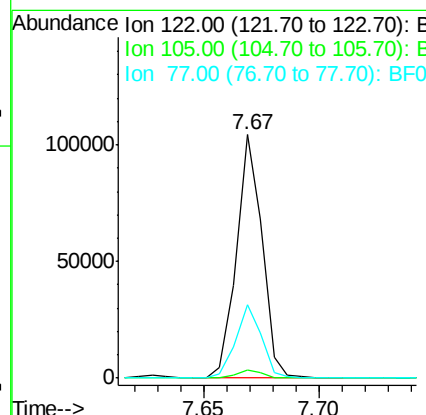
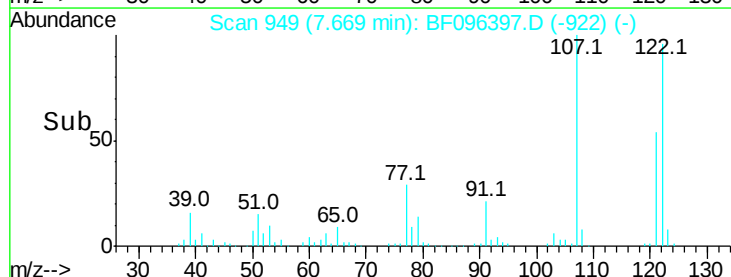
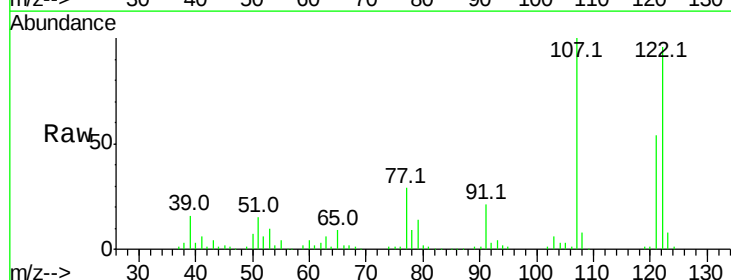
Instrument :
BNA_F
ClientSampleId :

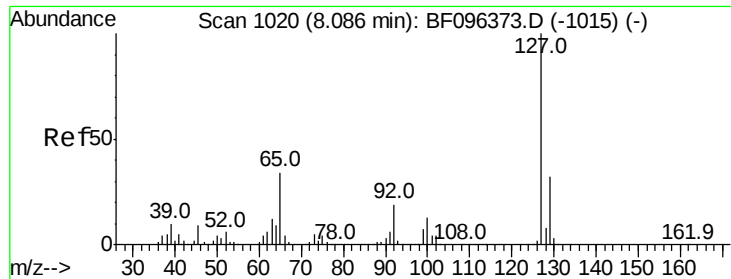
Tot Ion:128 Resp: 308314
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 13.77 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.14 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Tgt Ion:122 Resp: 80760
Ion Ratio Lower Upper
122 100
105 3.3 103.3 143.3#
77 30.1 73.7 113.7#

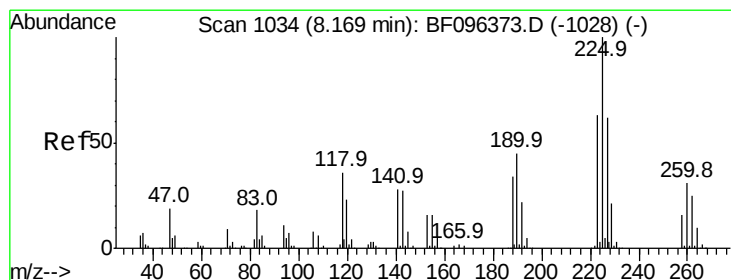
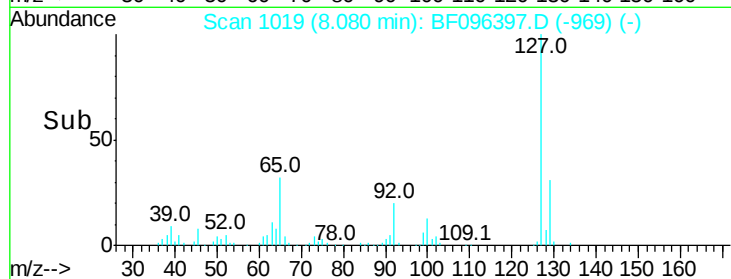
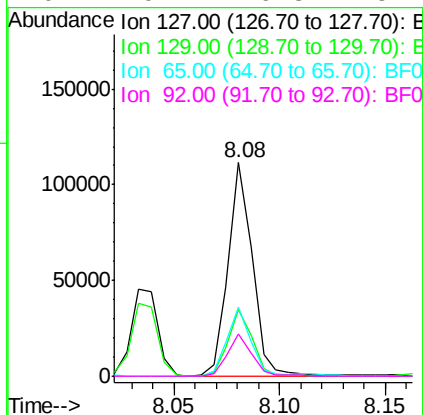
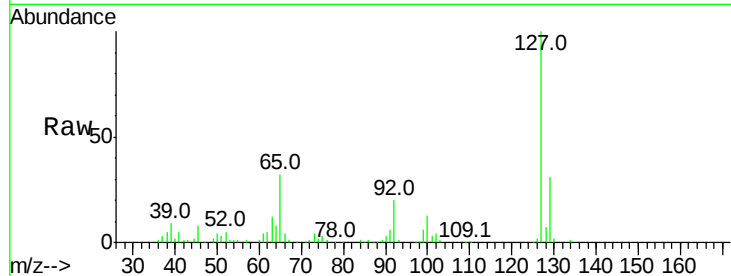




#33
4-Chloroaniline
Concen: 10.24 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

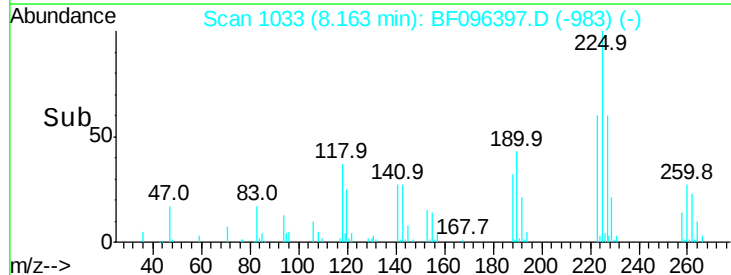
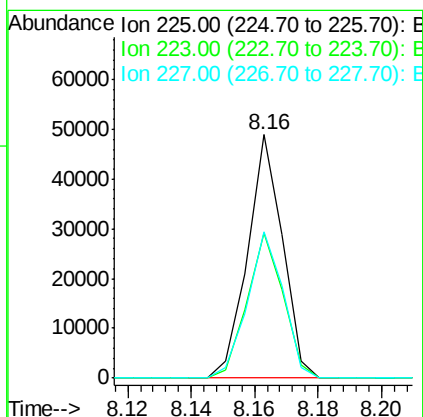
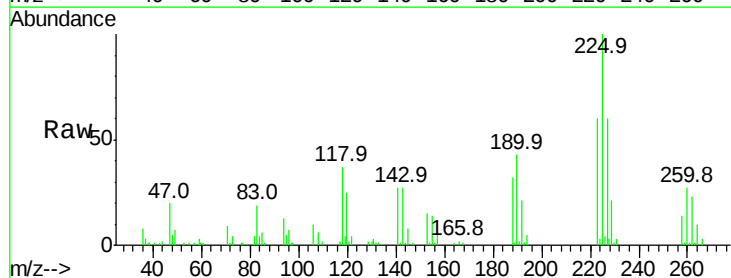
Instrument :
BNA_F
ClientSampleId :

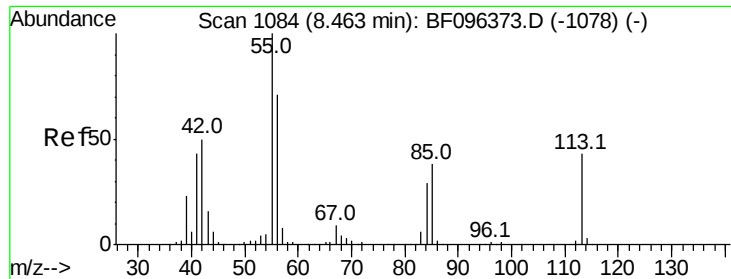
Tot Ion:	127	Resp:	89072
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.2
65	32.2	27.8	41.8
92	19.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 12.81 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Tgt Ion:	225	Resp:	37329
Ion	Ratio	Lower	Upper
225	100		
223	59.6	48.8	73.2
227	60.0	51.1	76.7

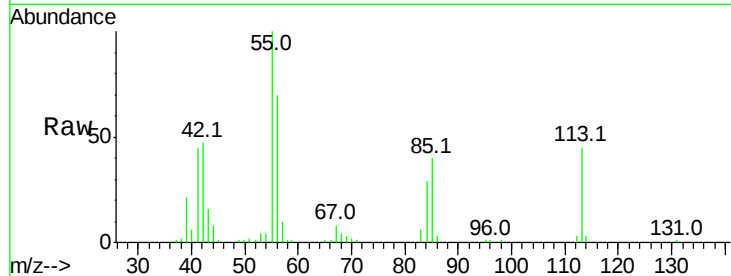




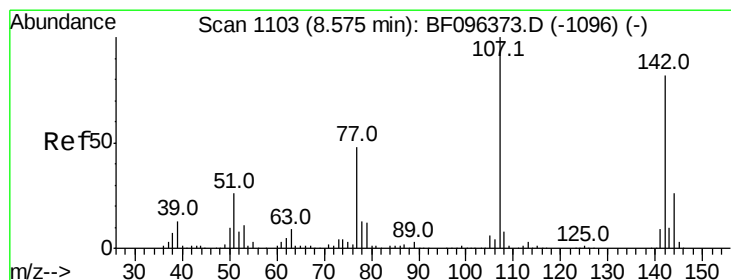
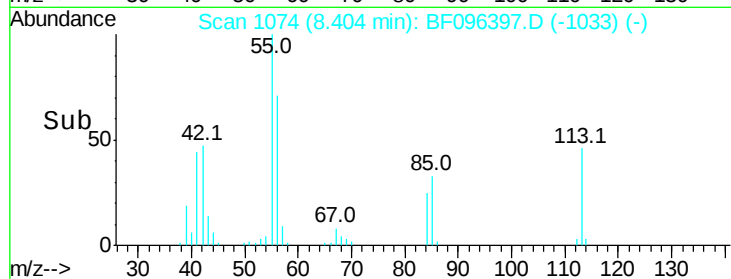
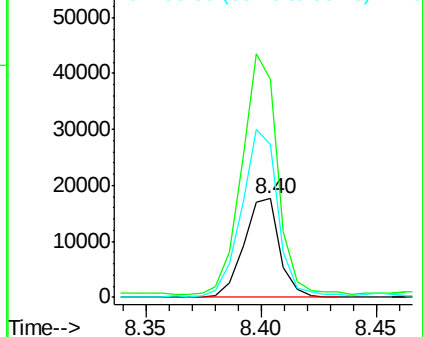
#35
 Caprolactam
 Concen: 9.20 ng
 RT: 8.40 min Scan# 1074
 Delta R.T. -0.06 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 19101
 Ion Ratio Lower Upper
 113 100
 55 220.7 150.2 190.2#
 56 154.2 107.8 147.8#

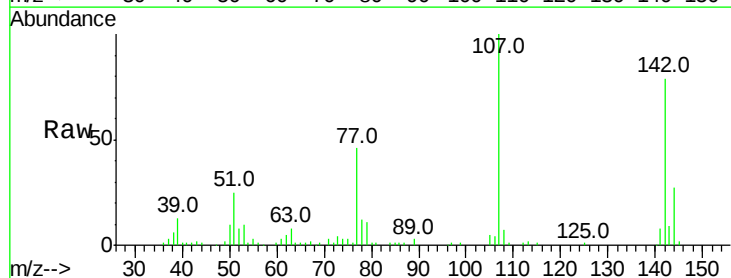


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

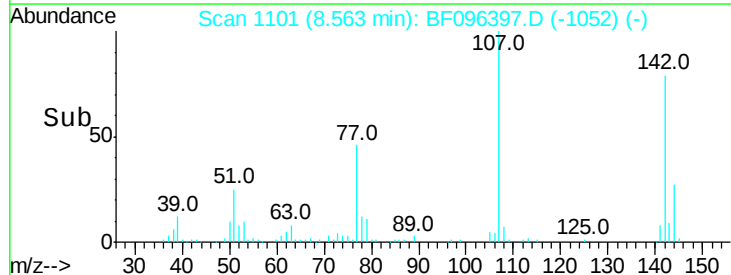
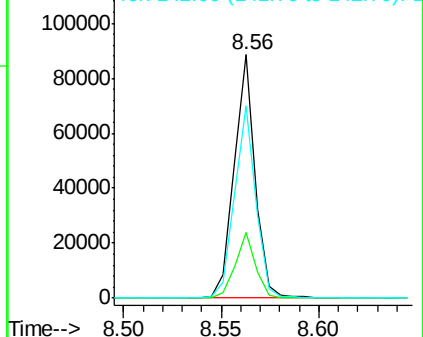


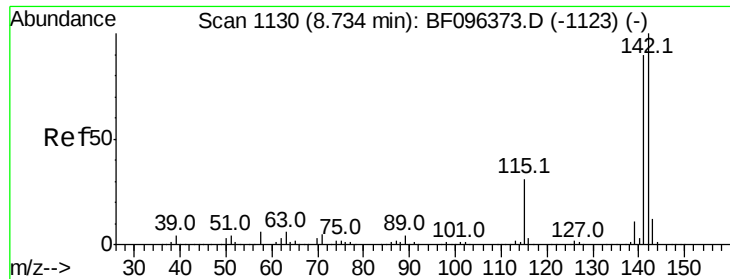
#36
 4-Chloro-3-methylphenol
 Concen: 9.88 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Tgt Ion:107 Resp: 65822
 Ion Ratio Lower Upper
 107 100
 144 27.0 24.2 36.4
 142 78.9 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

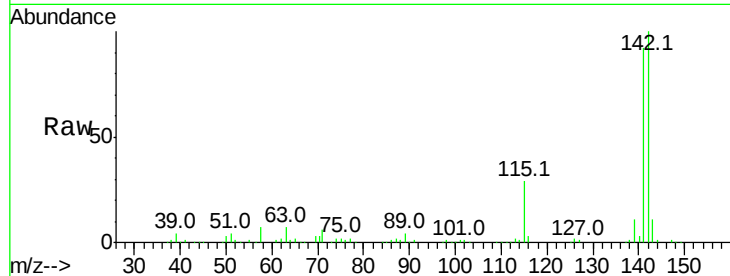




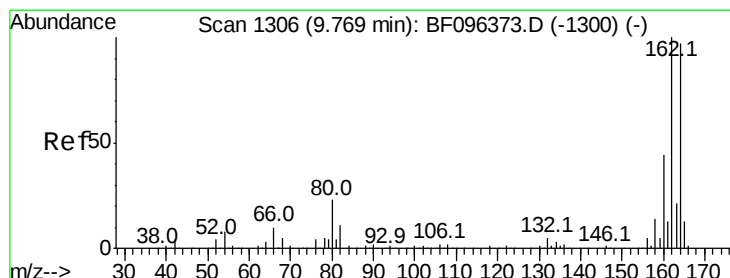
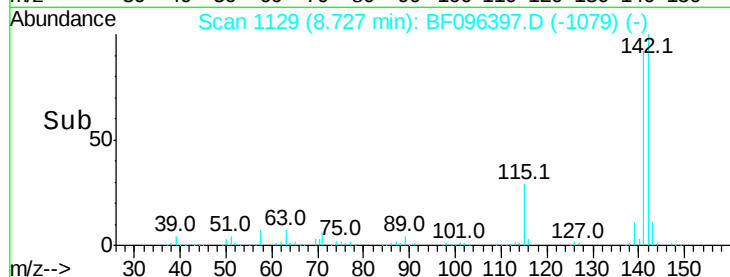
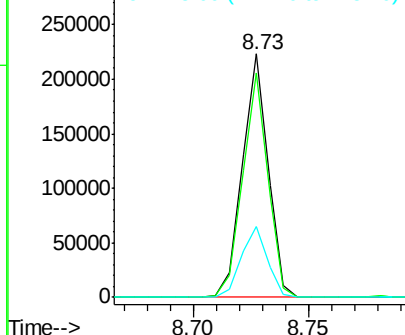
#37
 2-Methylnaphthalene
 Concen: 13.06 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 174107
 Ion Ratio Lower Upper
 142 100
 141 92.1 71.3 106.9
 115 29.3 27.1 40.7

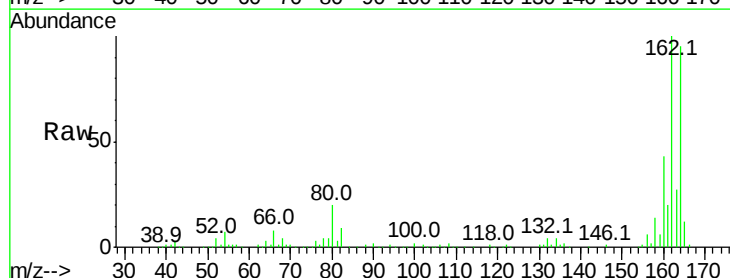


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

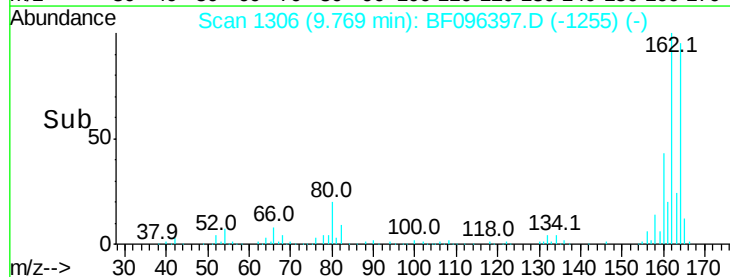
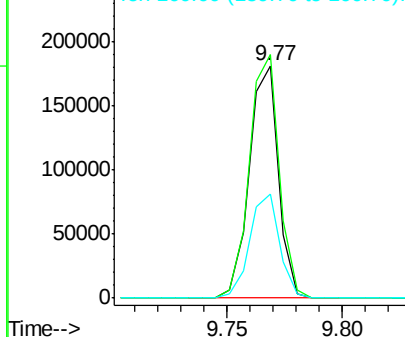


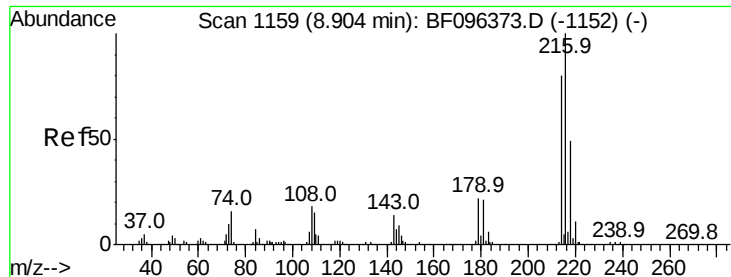
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Tgt Ion:164 Resp: 160005
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.6 123.8
 160 44.7 36.2 54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 14.14 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 58749

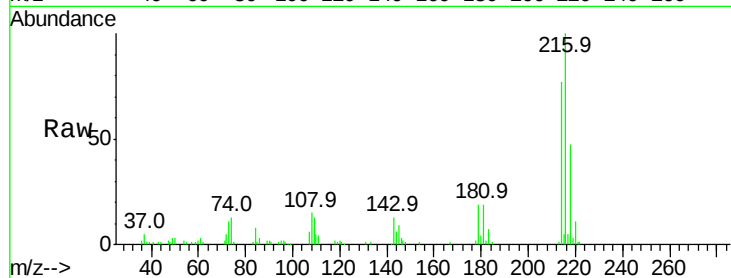
Ion Ratio Lower Upper

216 100

214 77.8 63.4 95.2

179 21.7 17.9 26.9

108 19.0 16.5 24.7

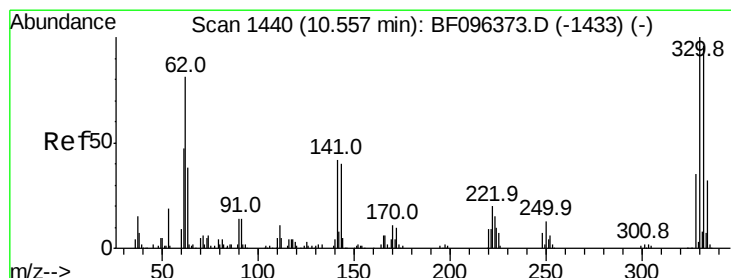
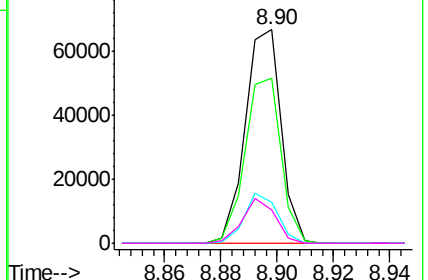
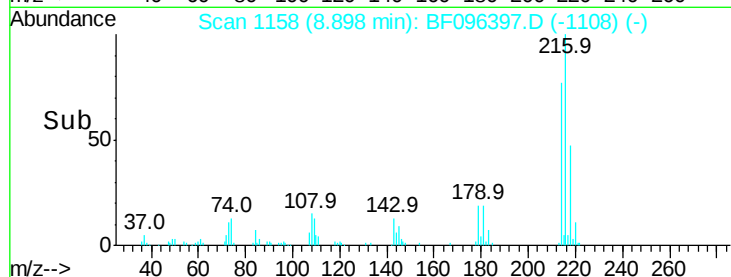


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 10.81 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

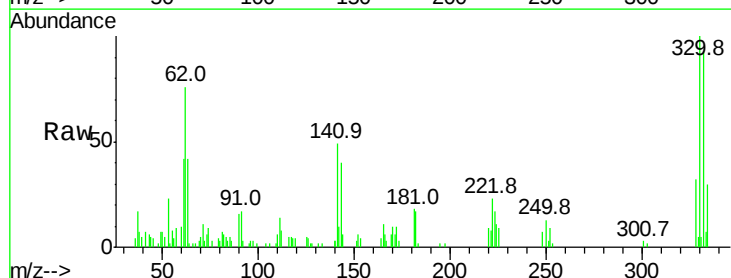
Tgt Ion:330 Resp: 13516

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

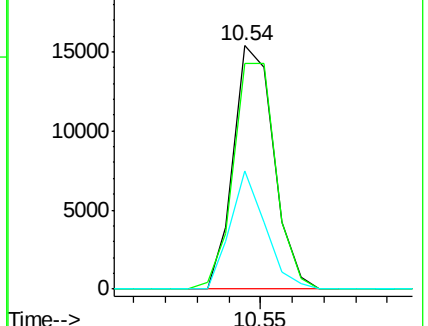
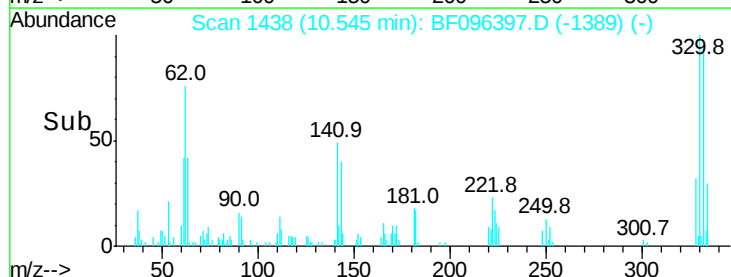
141 42.0 31.4 47.2

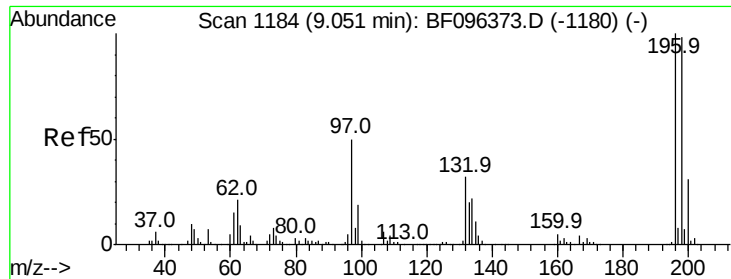


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

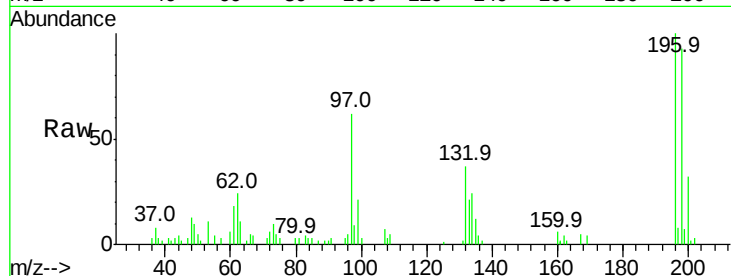




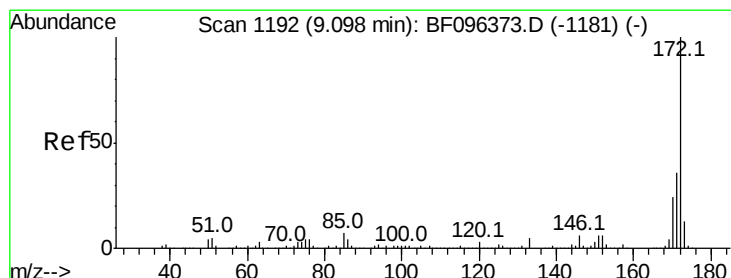
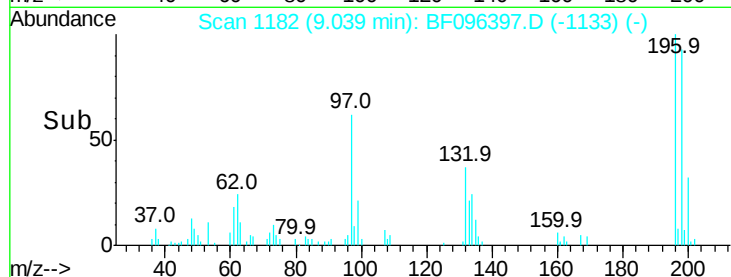
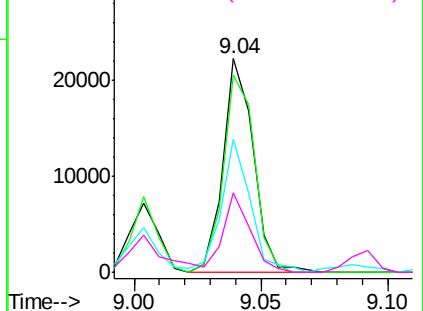
#43
 2,4,5-Trichlorophenol
 Concen: 5.69 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 18482
 Ion Ratio Lower Upper
 196 100
 198 92.5 75.7 113.5
 97 62.4 47.7 71.5
 132 37.3 28.0 42.0

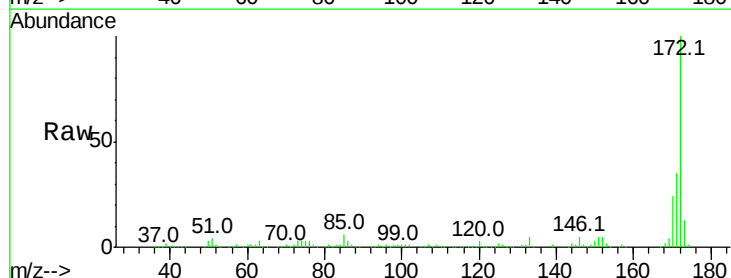


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

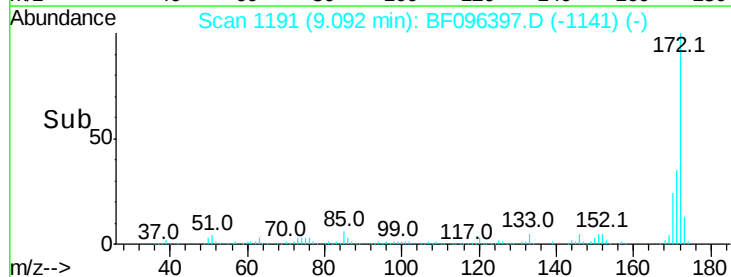
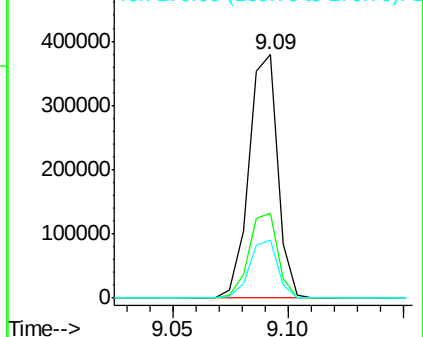


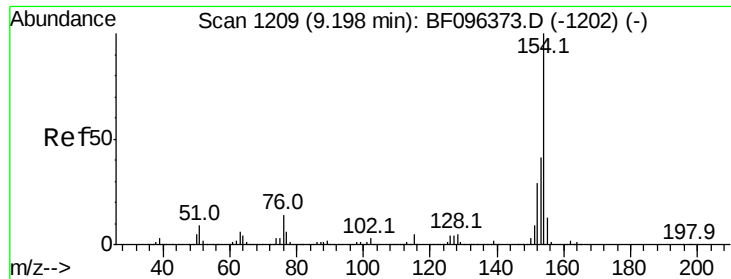
#44
 2-Fluorobiphenyl
 Concen: 35.43 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Tgt Ion:172 Resp: 331539
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.6 44.4
 170 23.7 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

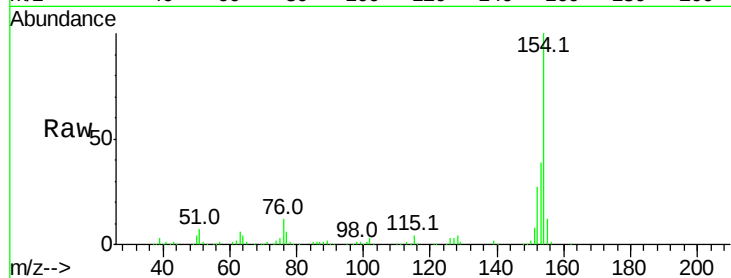




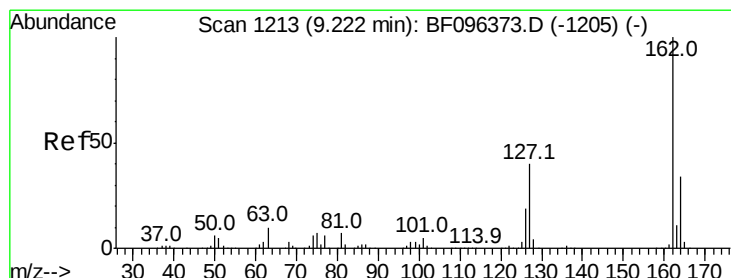
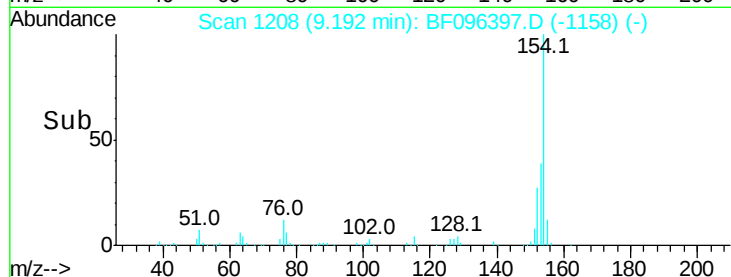
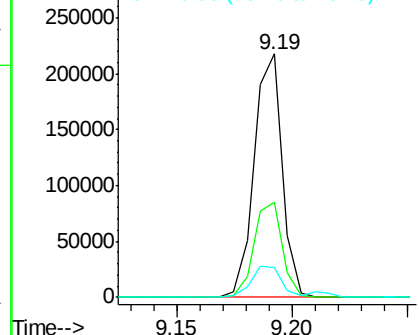
#45
 1,1'-Biphenyl
 Concen: 13.47 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 184715
 Ion Ratio Lower Upper
 154 100
 153 39.0 21.2 61.2
 76 12.4 0.0 29.9

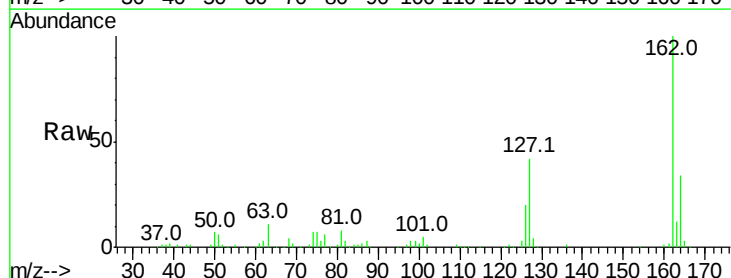


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

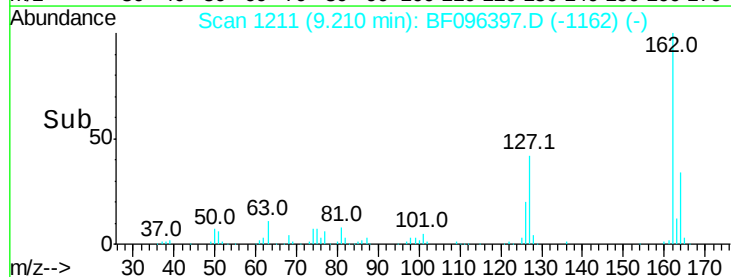
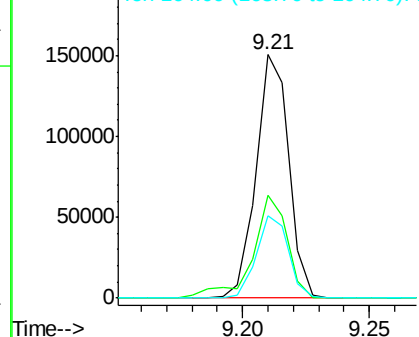


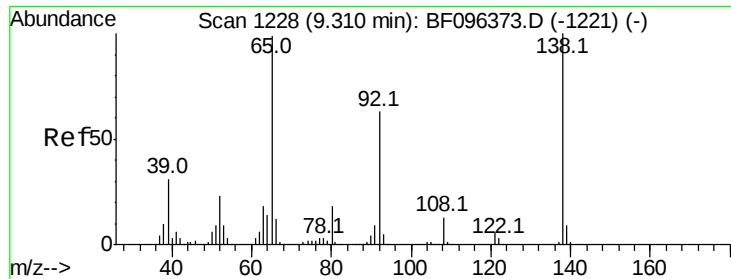
#46
 2-Chloronaphthalene
 Concen: 13.17 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Tgt Ion:162 Resp: 134523
 Ion Ratio Lower Upper
 162 100
 127 42.0 28.3 42.5
 164 33.8 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: 13.37 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

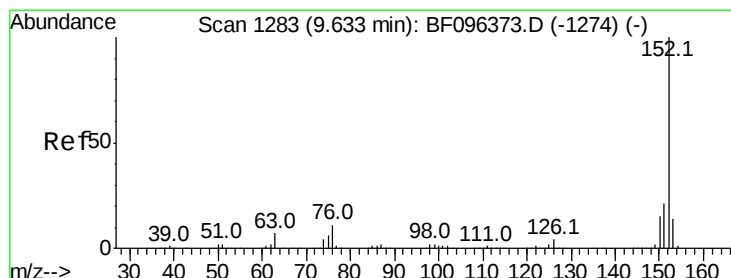
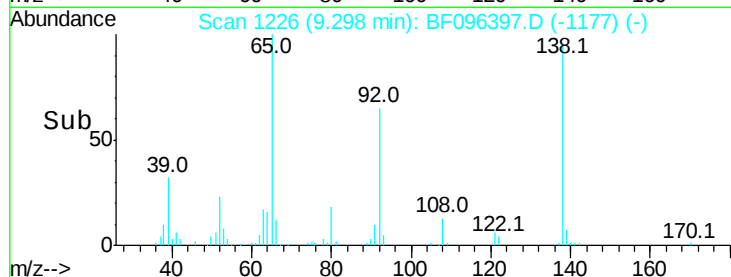
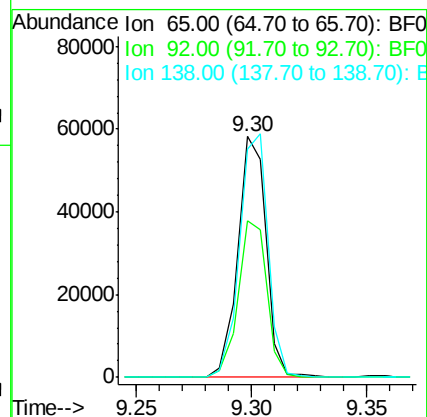
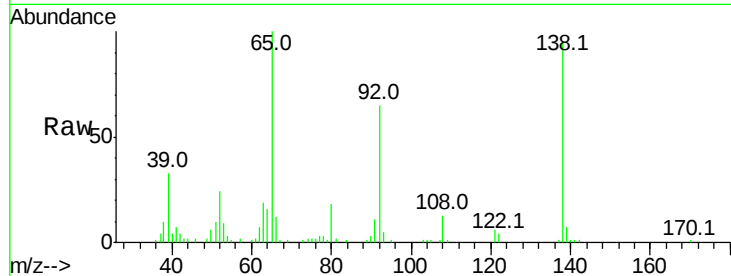
Tot Ion: 65 Resp: 49702

Ion Ratio Lower Upper

65 100

92 65.1 53.9 80.9

138 95.1 78.8 118.2



#48

Acenaphthylene

Concen: 12.79 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

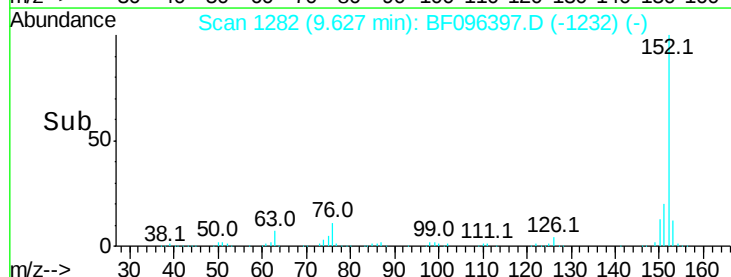
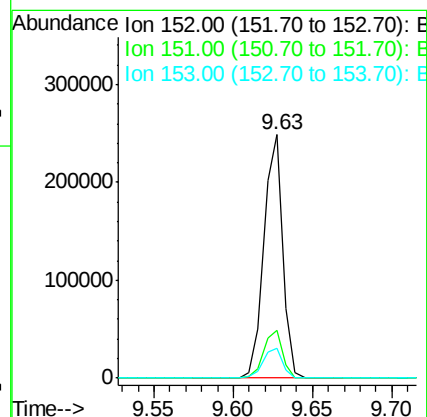
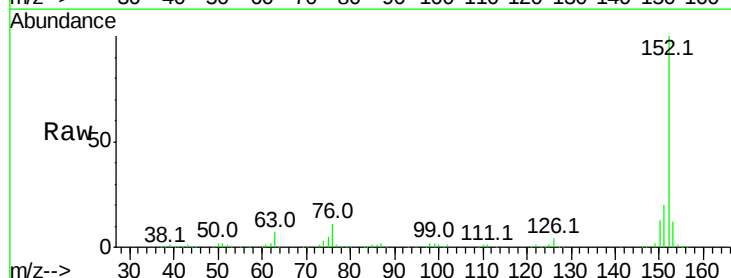
Tgt Ion: 152 Resp: 207128

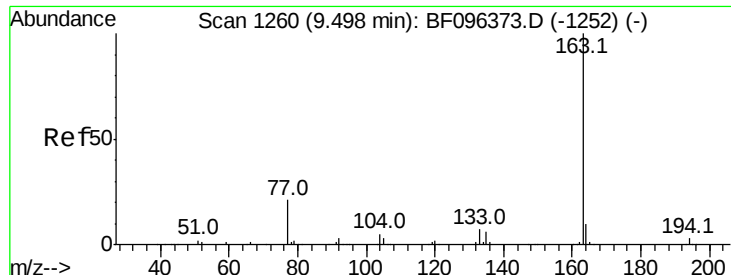
Ion Ratio Lower Upper

152 100

151 19.8 16.8 25.2

153 12.4 10.8 16.2

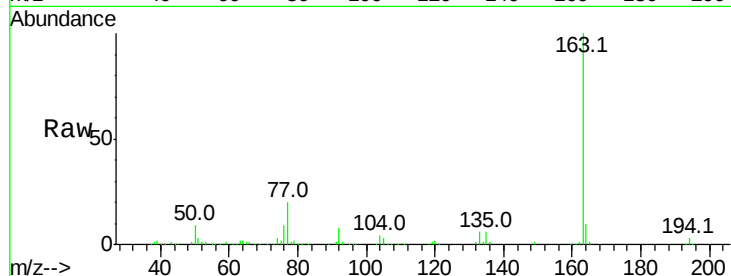




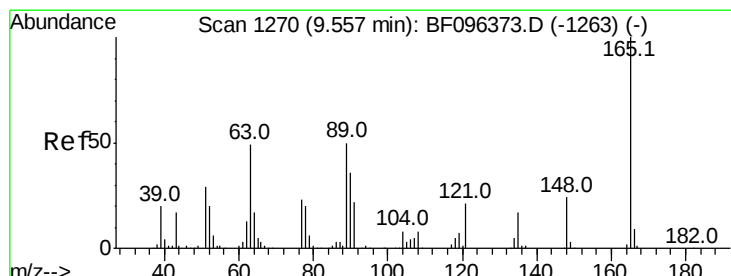
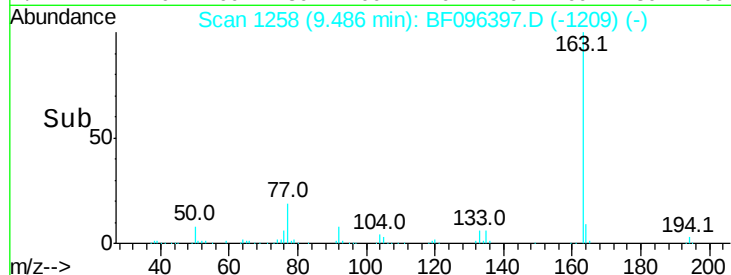
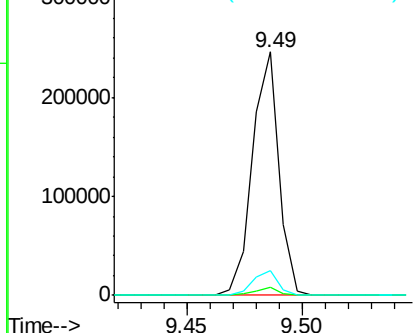
#49
 Dimethylphthalate
 Concen: 16.52 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163	Resp:	197284
Ion Ratio	Lower	Upper
163	100	
194	3.3	2.6 4.0
164	10.2	8.4 12.6

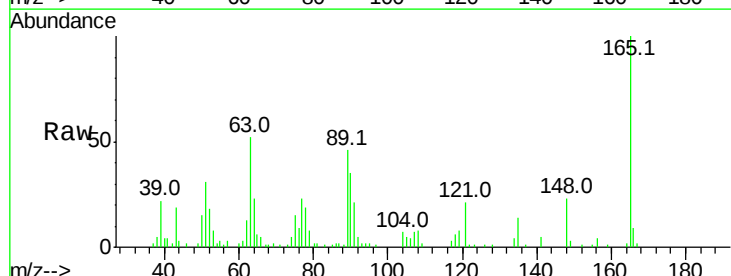


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

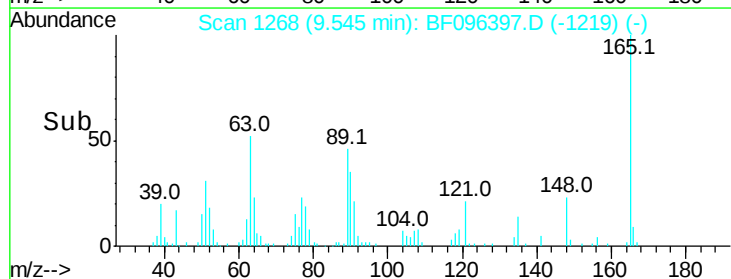
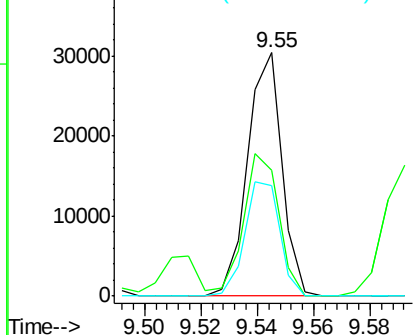


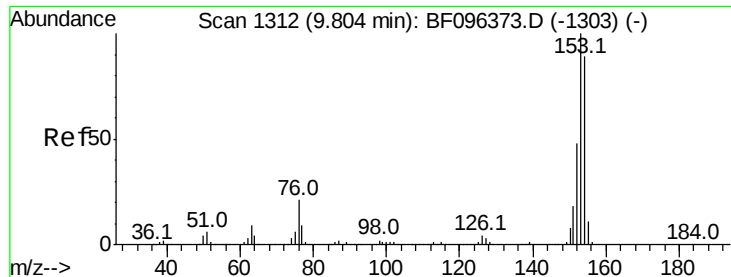
#50
 2,6-Dinitrotoluene
 Concen: 9.72 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Tgt Ion:165	Resp:	25687
Ion Ratio	Lower	Upper
165	100	
63	51.6	34.3 51.5#
89	45.6	37.1 55.7



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





#51

Acenaphthene

Concen: 13.54 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

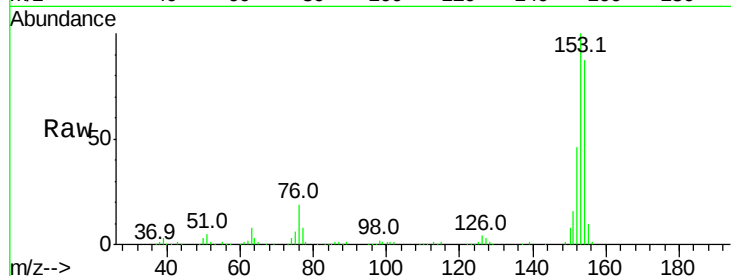
Tot Ion:154 Resp: 135104

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

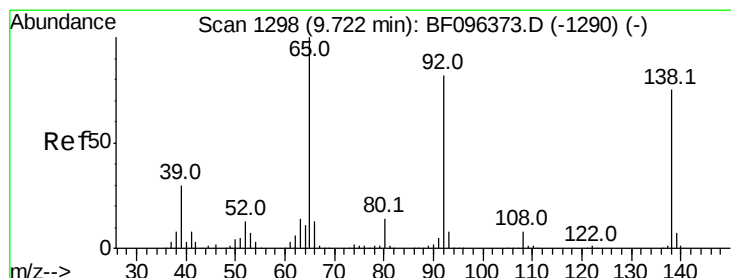
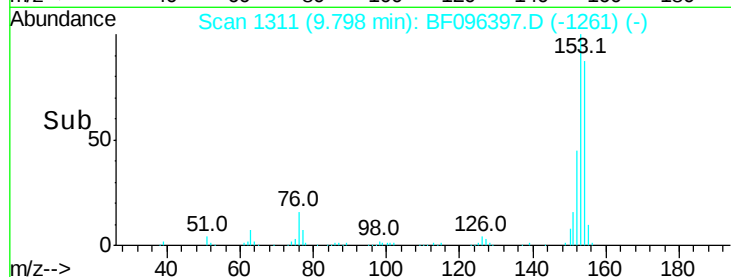
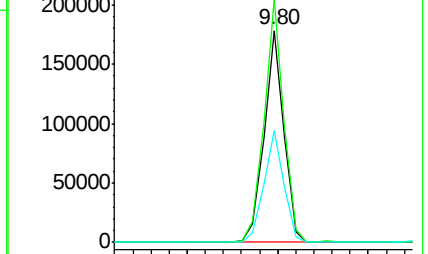
152 52.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.44 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

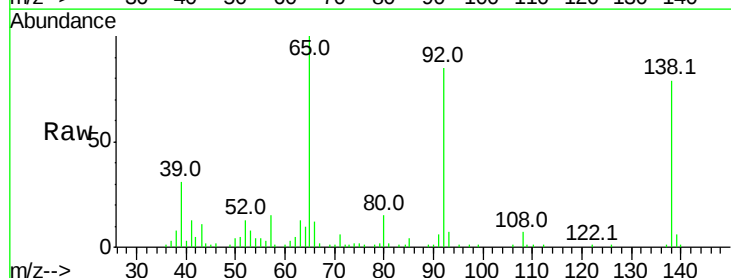
Tgt Ion:138 Resp: 40988

Ion Ratio Lower Upper

138 100

108 9.3 9.1 13.7

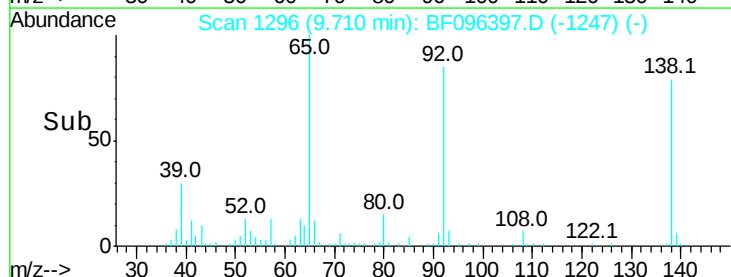
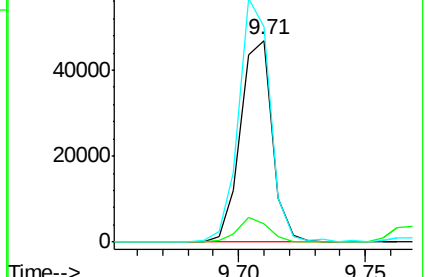
92 106.7 93.8 140.6

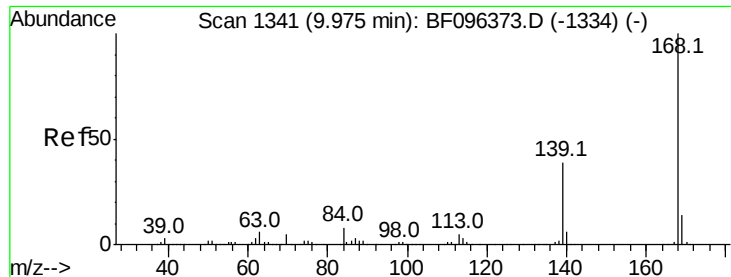


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

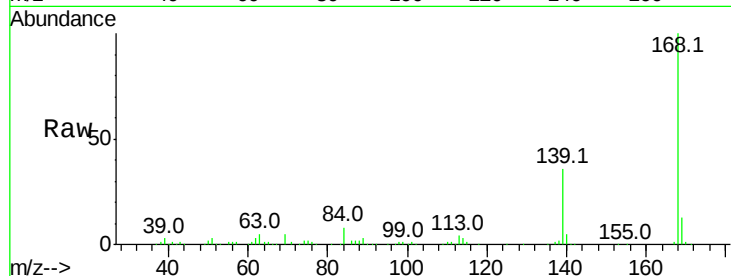




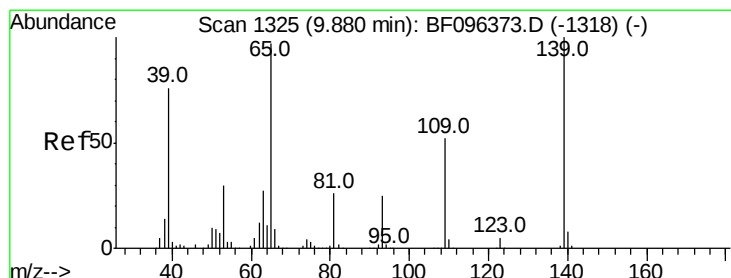
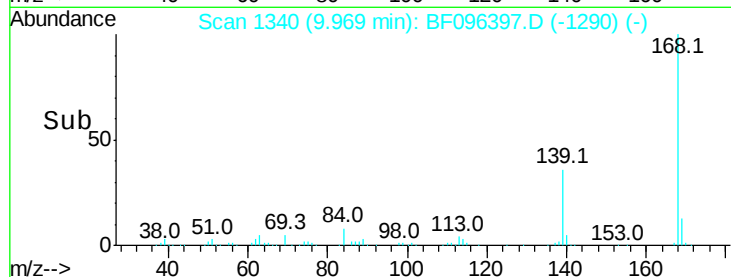
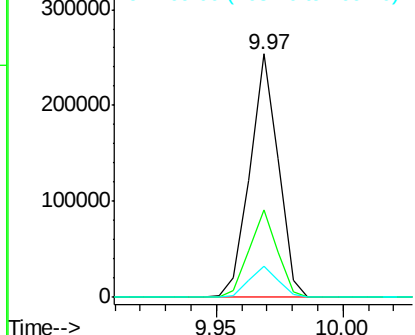
#54
Dibenzenofuran
Concen: 15.06 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 198438
Ion Ratio Lower Upper
168 100
139 35.9 30.6 45.8
169 13.0 10.8 16.2

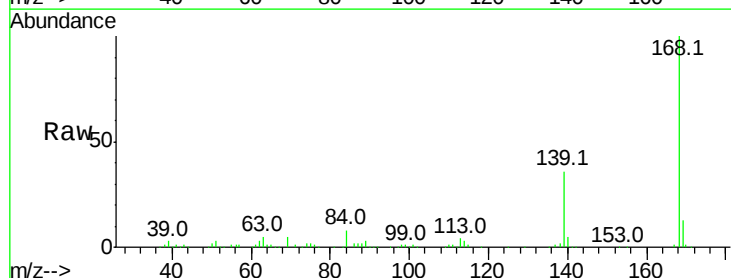


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

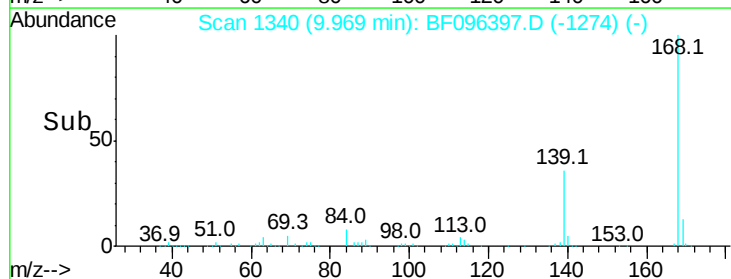
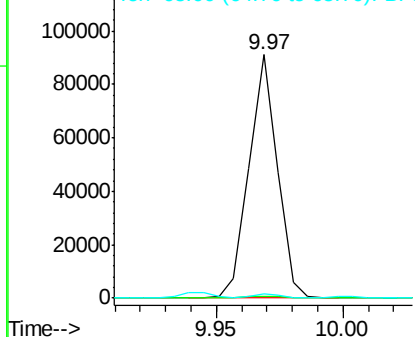


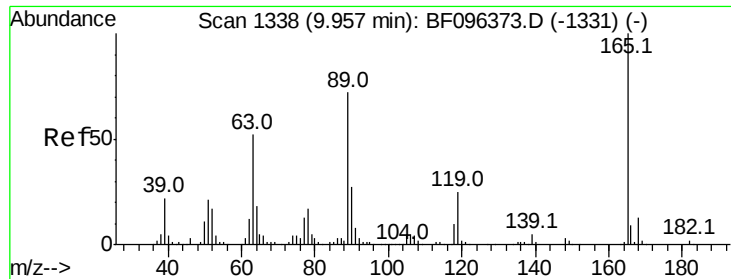
#55
4-Nitrophenol
Concen: 26.04 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.09 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Tgt Ion:139 Resp: 71109
Ion Ratio Lower Upper
139 100
109 0.9 34.1 74.1#
65 1.9 31.4 71.4#



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

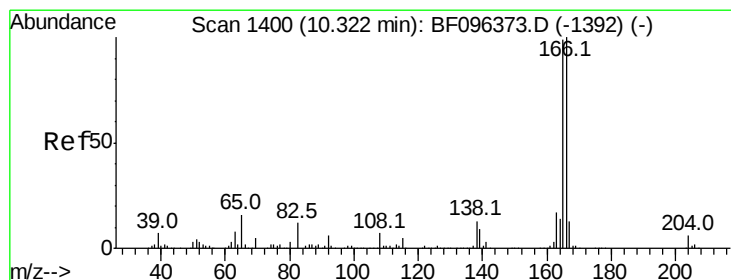
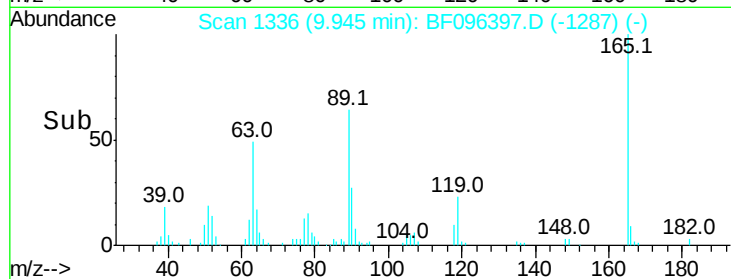
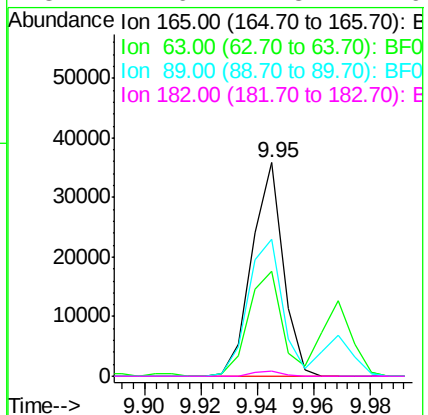
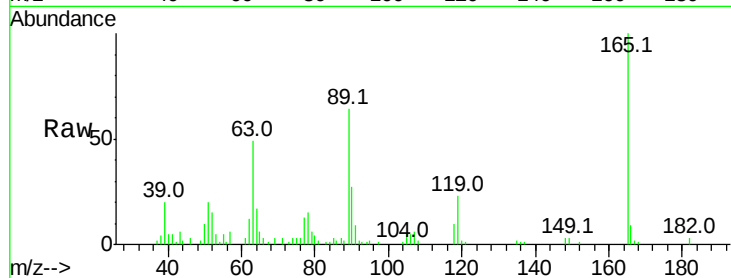




#56
 2,4-Dinitrotoluene
 Concen: 8.23 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

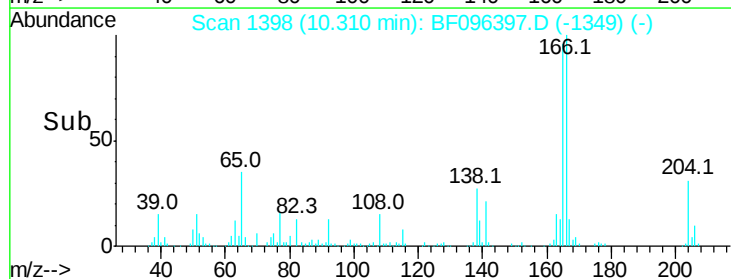
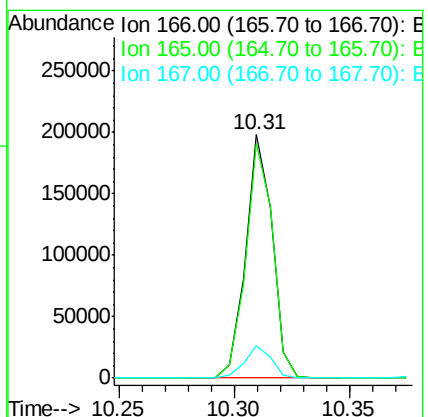
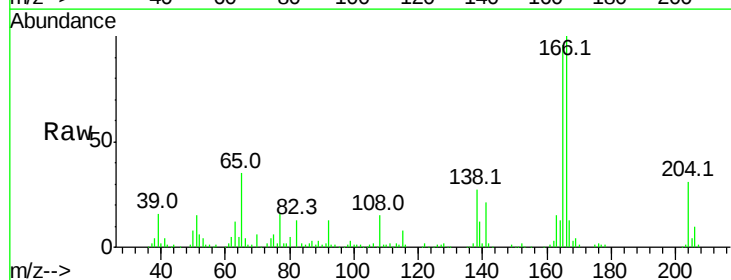
Instrument :
 BNA_F
 ClientSampleId :

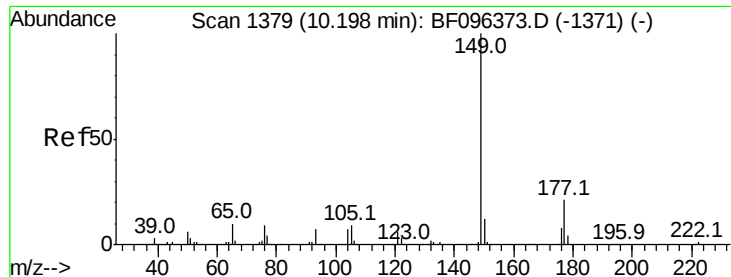
Tot Ion:165 Resp: 27532
 Ion Ratio Lower Upper
 165 100
 63 48.9 25.4 38.0#
 89 64.4 46.4 69.6
 182 2.6 1.8 2.6



#57
 Fluorene
 Concen: 17.18 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Tgt Ion:166 Resp: 159839
 Ion Ratio Lower Upper
 166 100
 165 96.2 78.8 118.2
 167 13.5 10.6 16.0

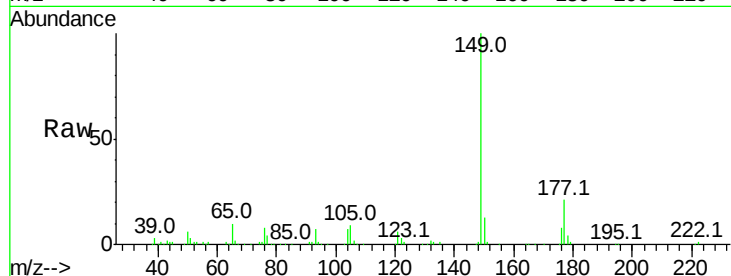




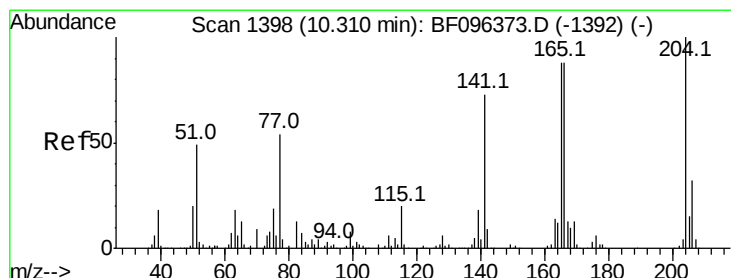
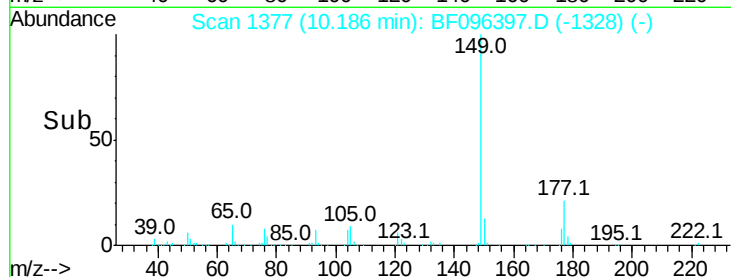
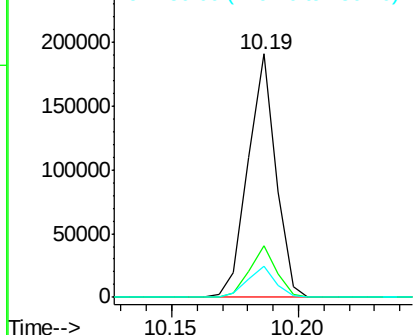
#59
Diethylphthalate
Concen: 12.94 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 146119
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.6 10.2 15.2

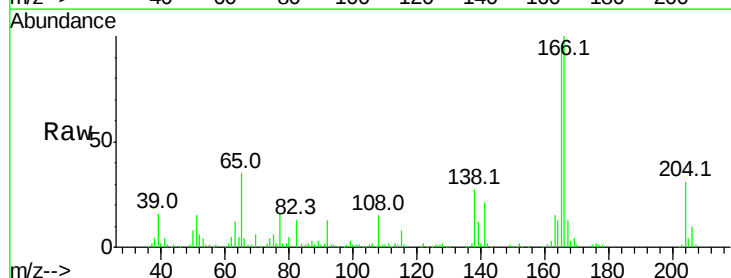


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

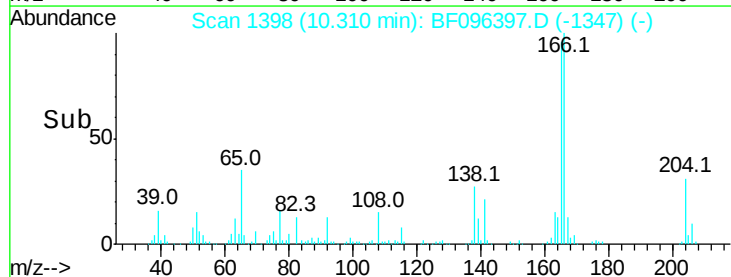
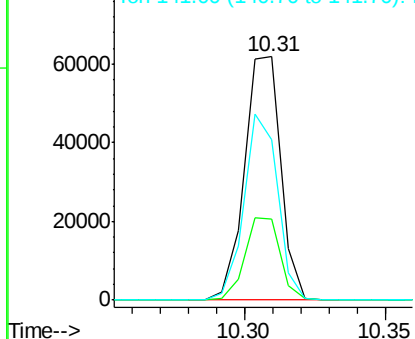


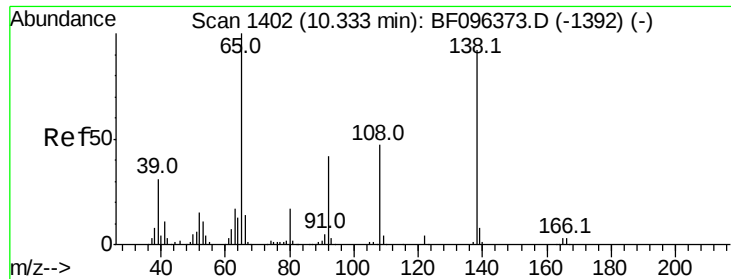
#60
4-Chlorophenyl-phenylether
Concen: 13.65 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Tgt Ion:204 Resp: 55263
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 65.8 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

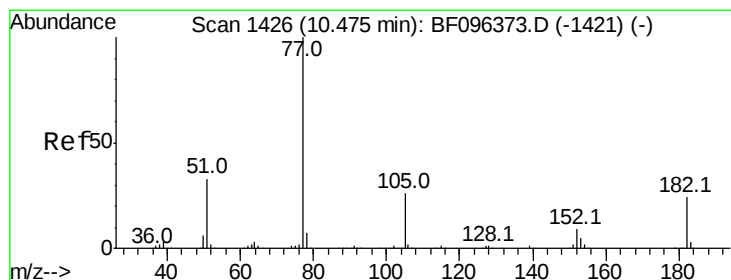
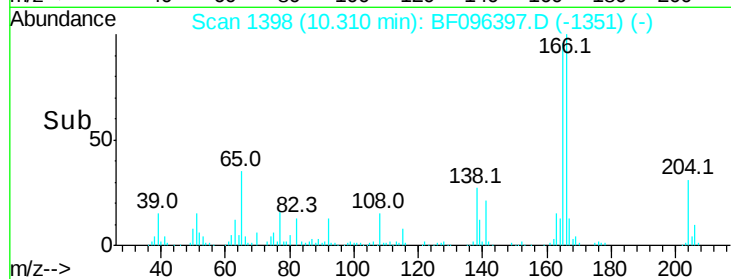
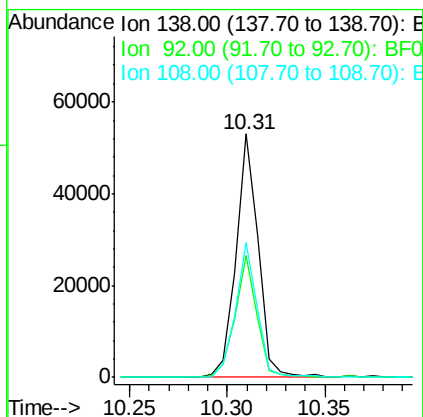
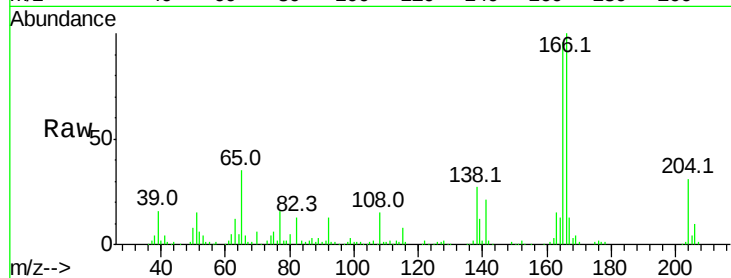




#61
4-Nitroaniline
Concen: 13.95 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

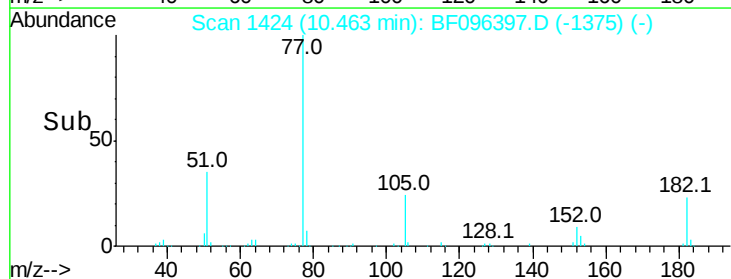
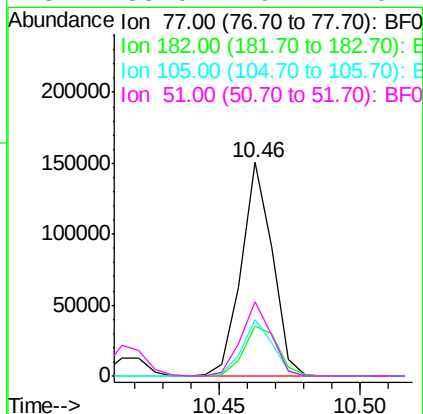
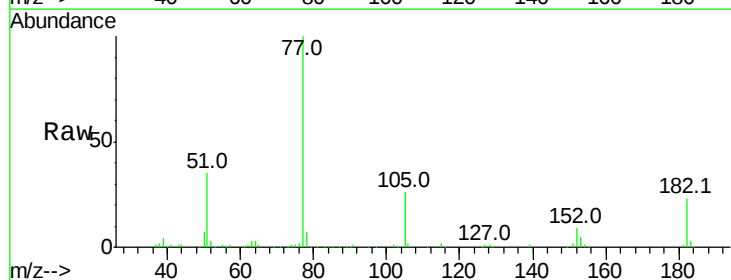
Instrument :
BNA_F
ClientSampleId :

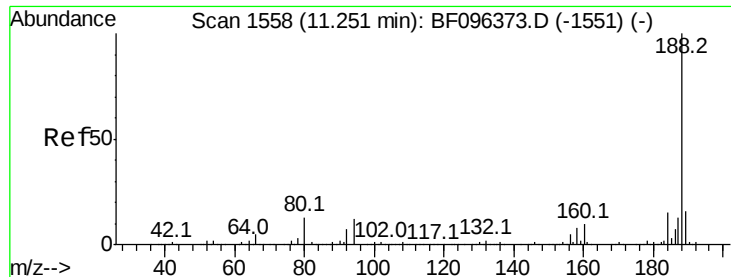
Tot Ion:138 Resp: 41788
Ion Ratio Lower Upper
138 100
92 50.0 21.8 61.8
108 55.2 42.3 82.3



#62
Azobenzene
Concen: 10.52 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Tgt Ion: 77 Resp: 114855
Ion Ratio Lower Upper
77 100
182 23.1 0.1 40.1
105 26.1 3.6 43.6
51 35.0 9.4 49.4

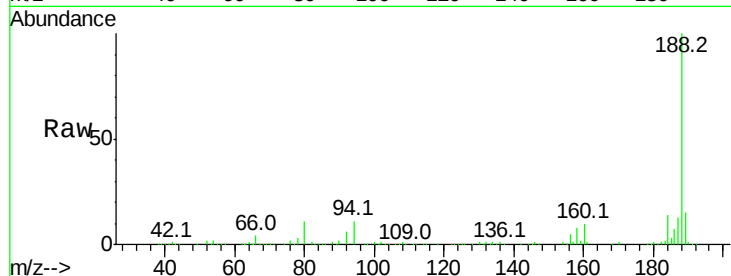




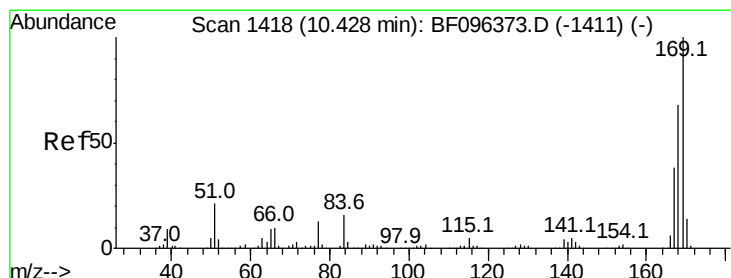
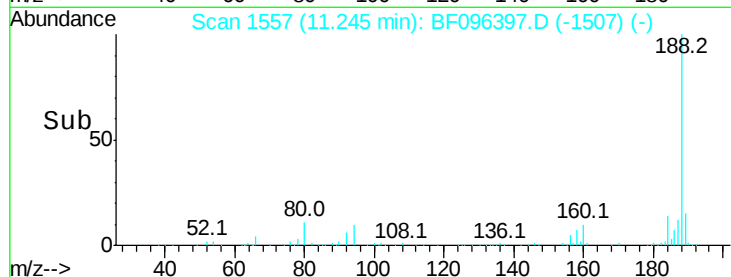
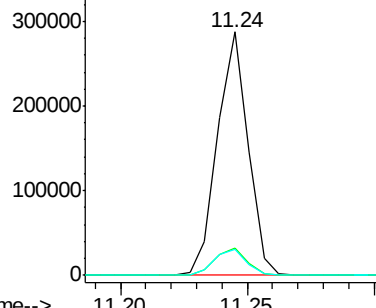
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	10.7	10.2	15.2

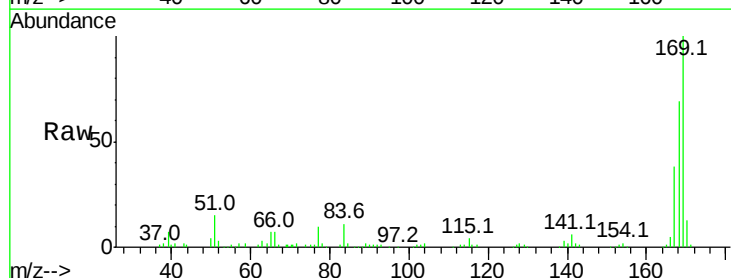


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

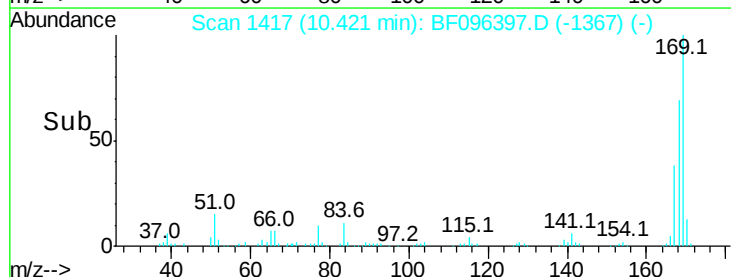
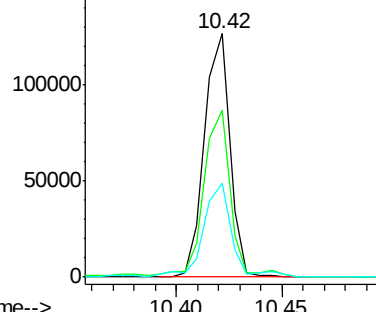


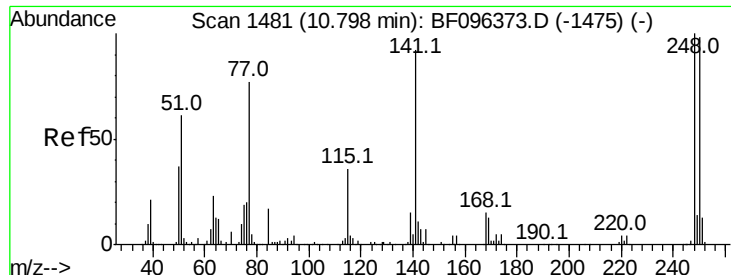
#65
n-Nitrosodiphenylamine
Concen: 12.44 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.6	53.2	79.8
167	38.5	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

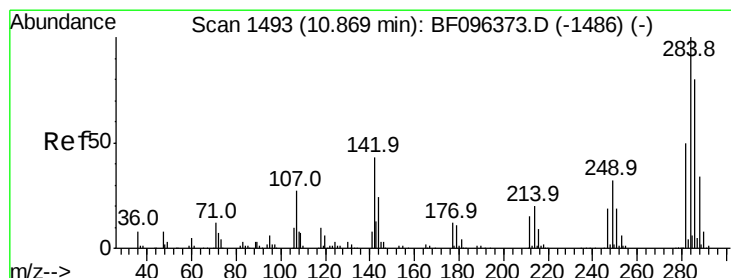
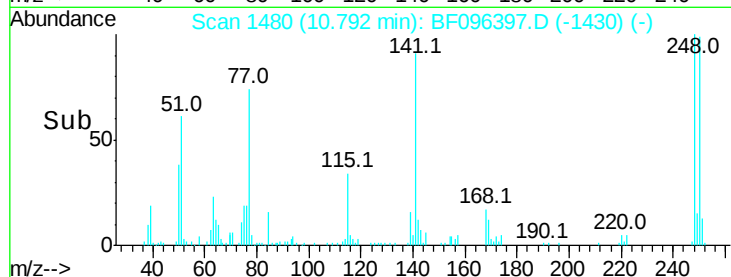
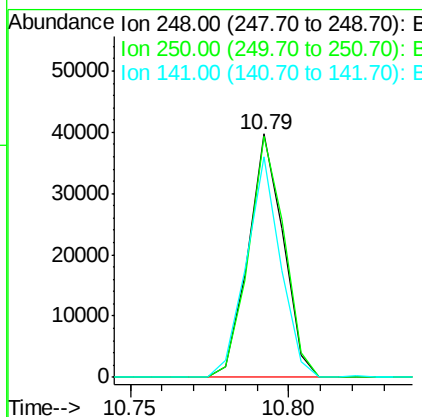
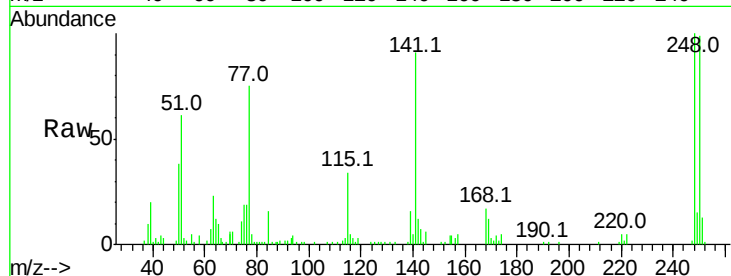




#66
4-Bromophenyl-phenylether
Concen: 12.95 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

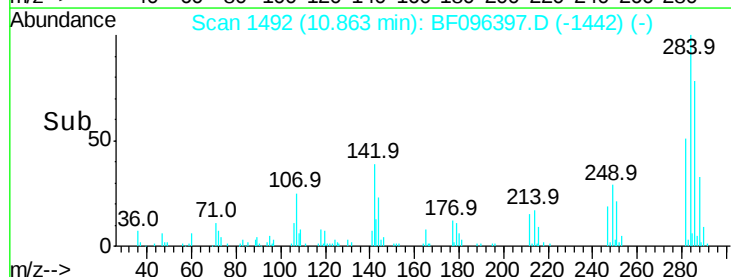
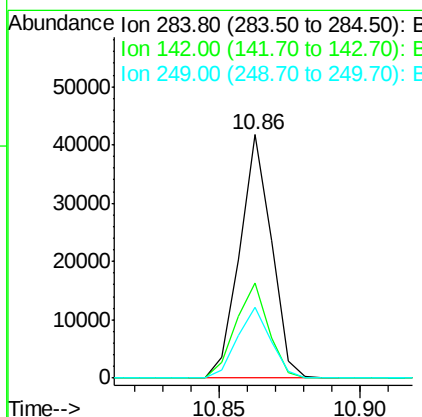
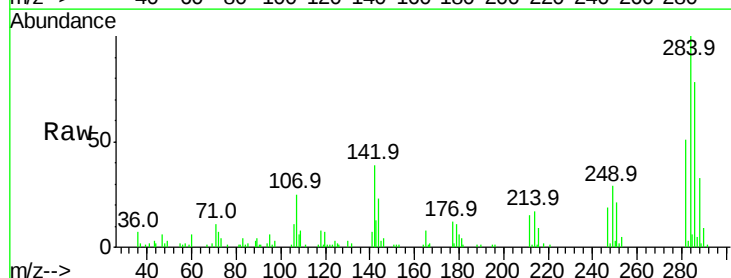
Instrument :
BNA_F
ClientSampleId :

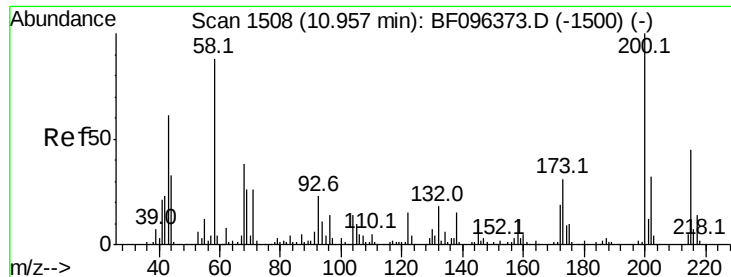
Tot Ion:248 Resp: 30405
Ion Ratio Lower Upper
248 100
250 99.2 76.8 115.2
141 90.8 68.6 103.0



#67
Hexachlorobenzene
Concen: 12.74 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Tgt Ion:284 Resp: 32746
Ion Ratio Lower Upper
284 100
142 38.9 22.8 34.2#
249 29.1 24.0 36.0

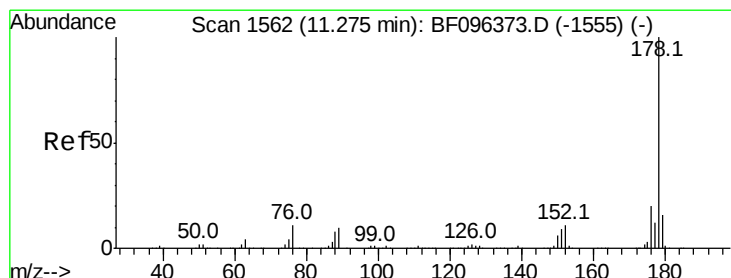
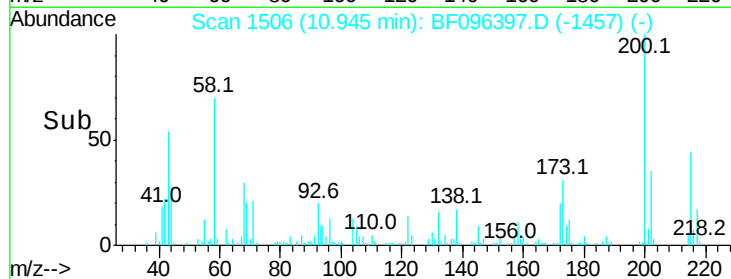
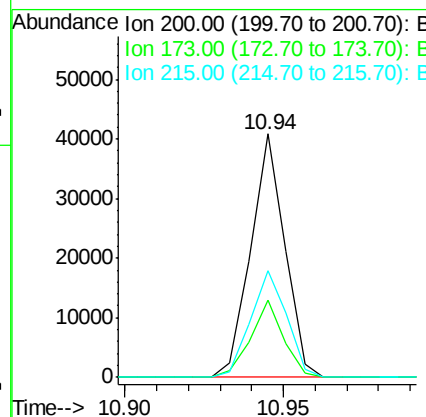
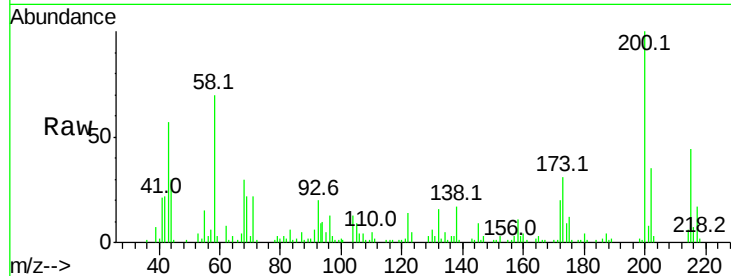




#68
Atrazine
Concen: 12.57 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

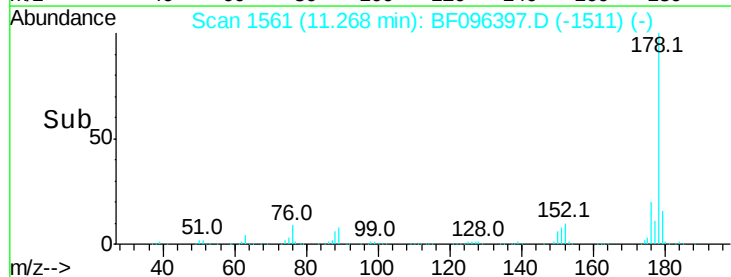
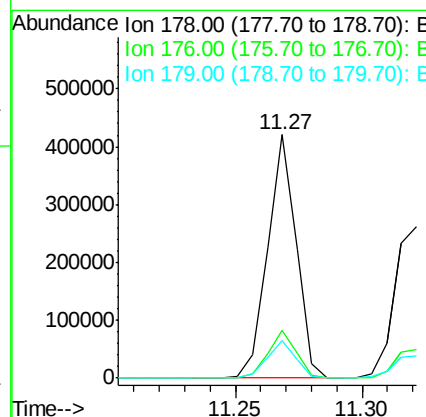
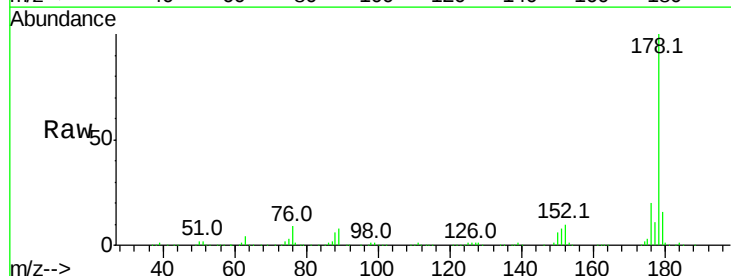
Instrument :
BNA_F
ClientSampleId :

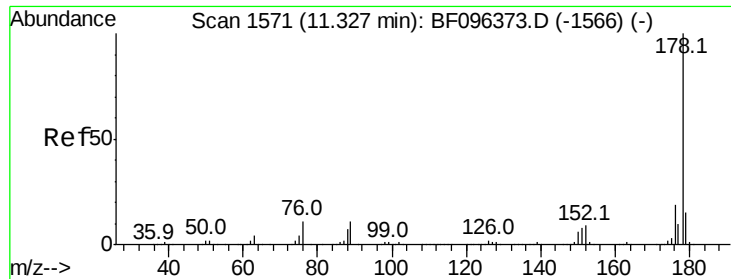
Tot Ion:200 Resp: 30389
Ion Ratio Lower Upper
200 100
173 31.5 6.3 46.3
215 43.6 27.2 67.2



#70
Phenanthrene
Concen: 25.42 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Tgt Ion:178 Resp: 331371
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 15.5 12.6 19.0

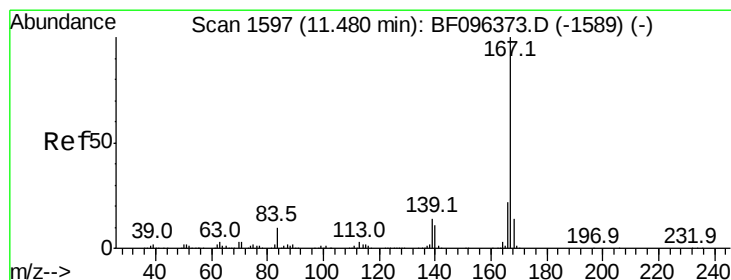
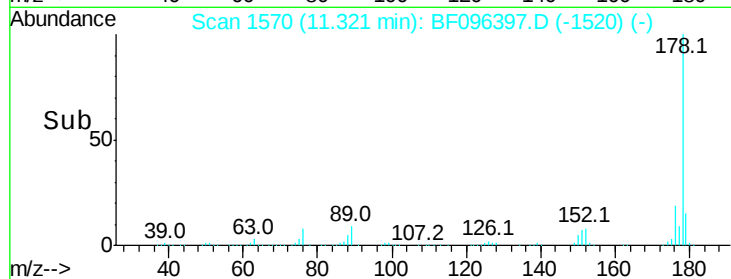
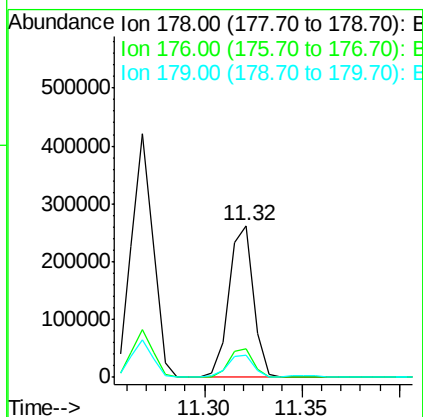
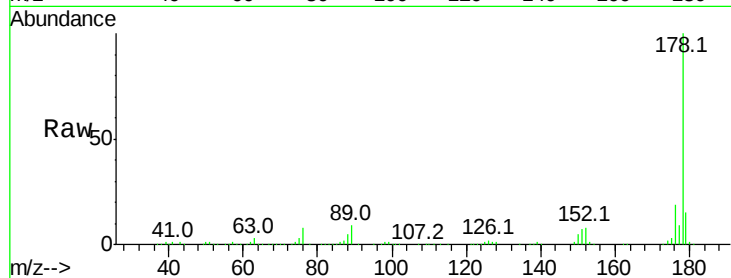




#71
 Anthracene
 Concen: 17.24 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

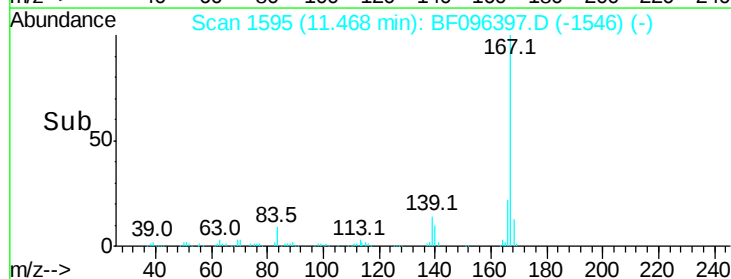
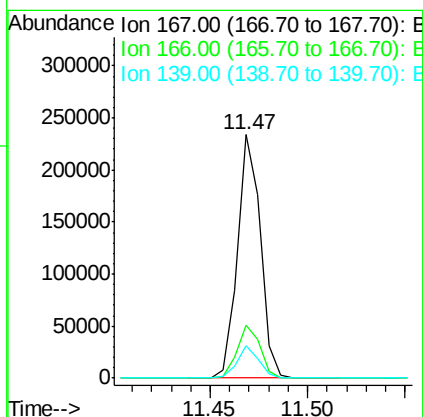
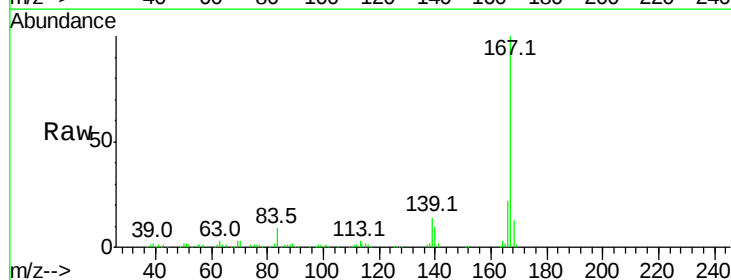
Instrument :
 BNA_F
 ClientSampleId :

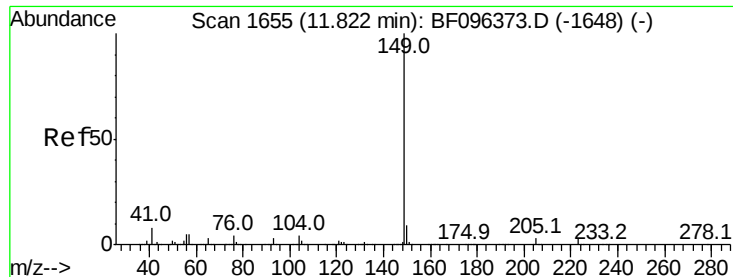
Tot Ion:178 Resp: 228974
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 14.5 12.7 19.1



#72
 Carbazole
 Concen: 14.27 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Tgt Ion:167 Resp: 190668
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.1 27.1
 139 13.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 13.03 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF096397.D

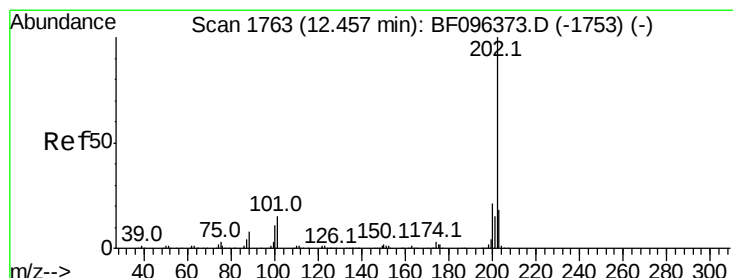
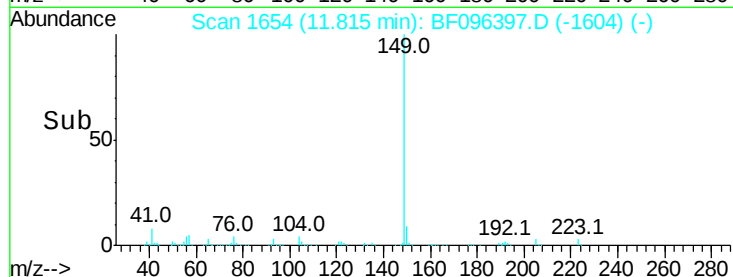
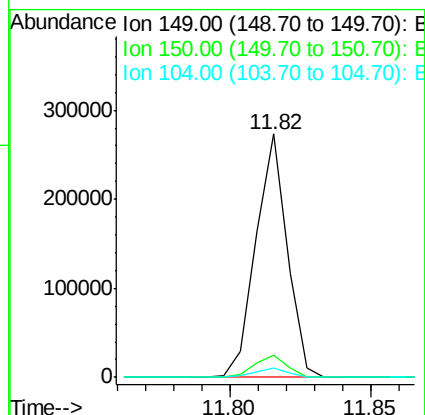
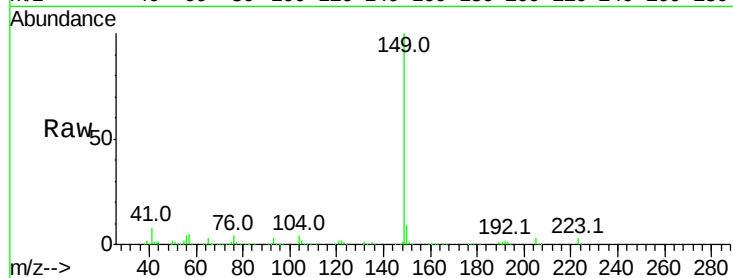
Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	210874
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	3.9	4.0	6.0#



#74

Fluoranthene

Concen: 28.12 ng

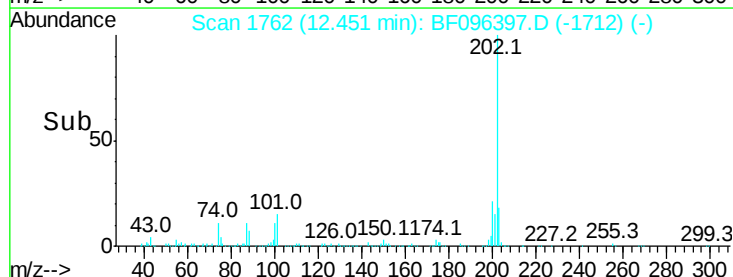
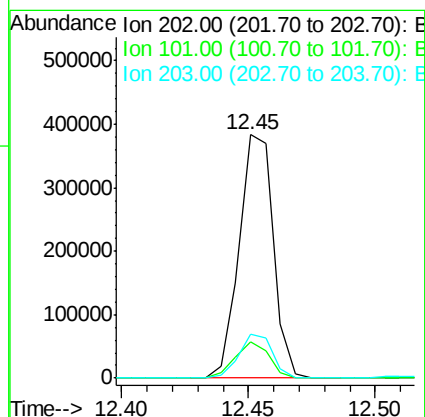
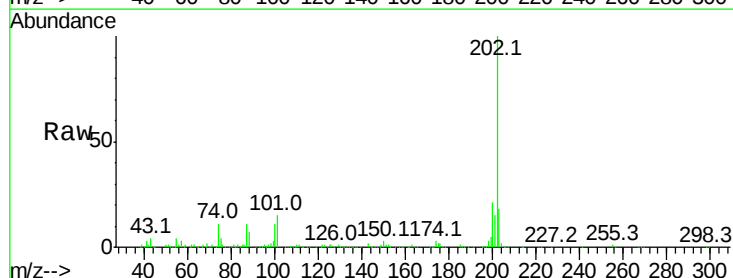
RT: 12.45 min Scan# 1762

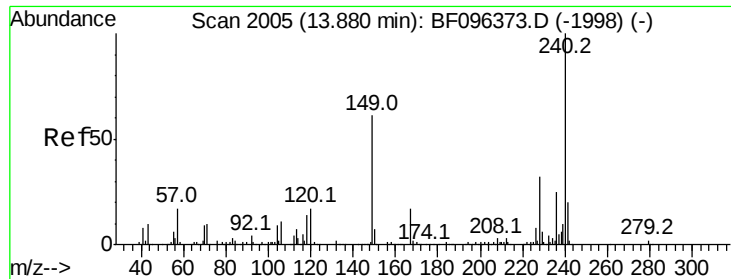
Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Tgt Ion:	202	Resp:	359362
Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampled :

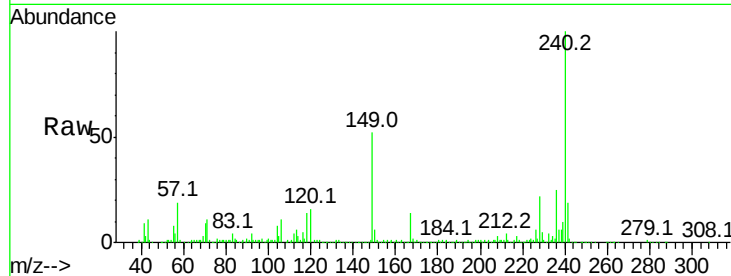
Tot Ion:240 Resp: 253044

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

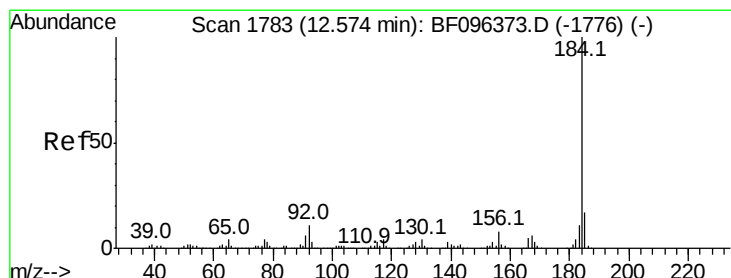
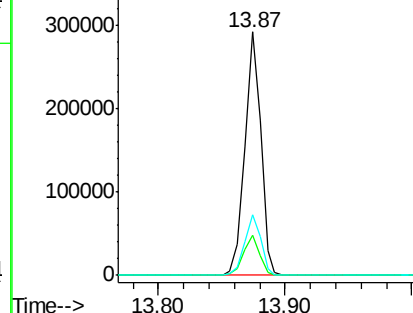
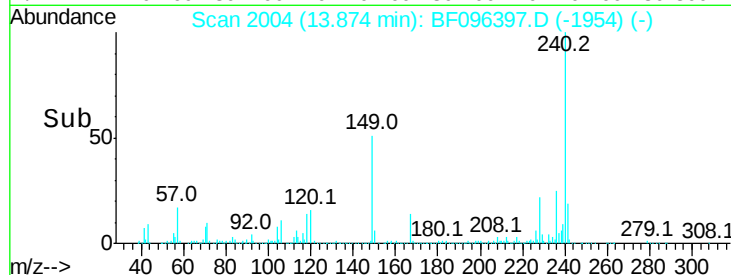
236 25.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.26 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

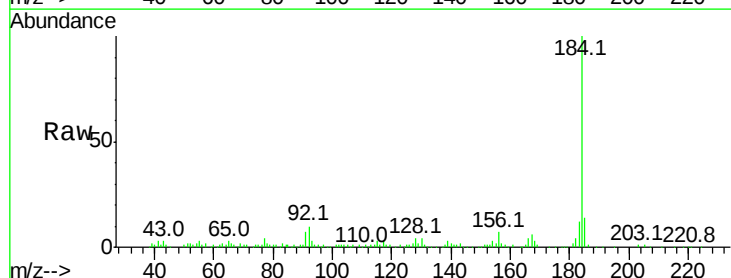
Tgt Ion:184 Resp: 100293

Ion Ratio Lower Upper

184 100

185 14.4 15.5 23.3#

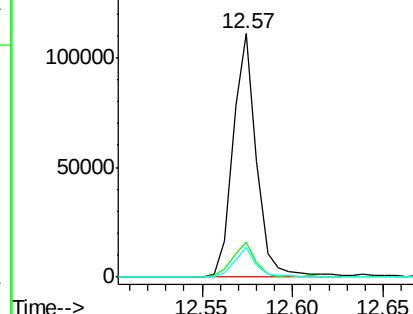
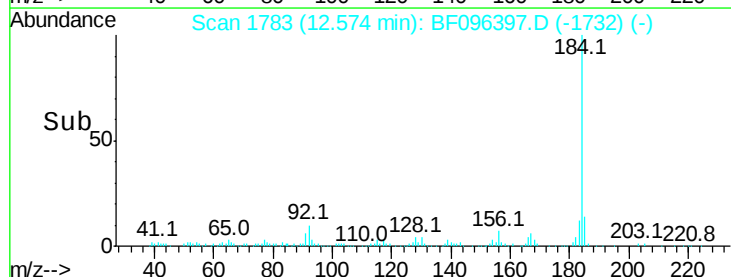
183 12.3 9.8 14.6

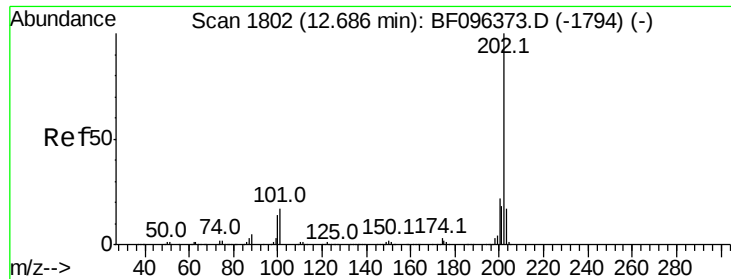


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 18.76 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

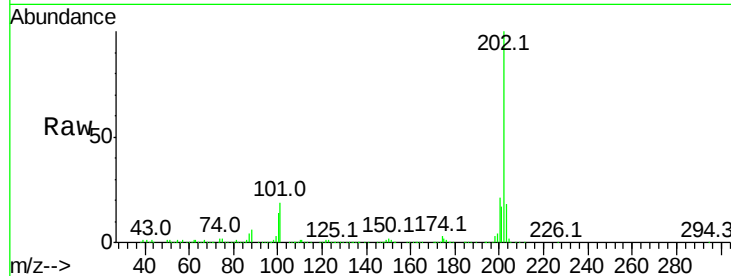
Tot Ion:202 Resp: 381072

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

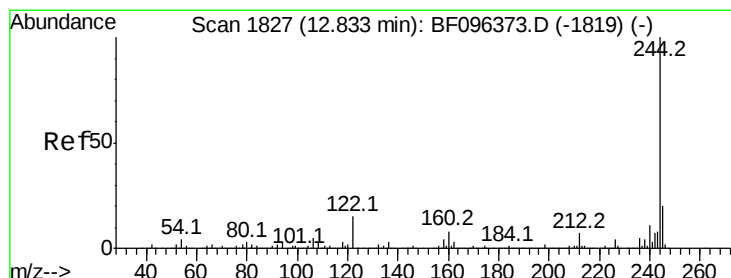
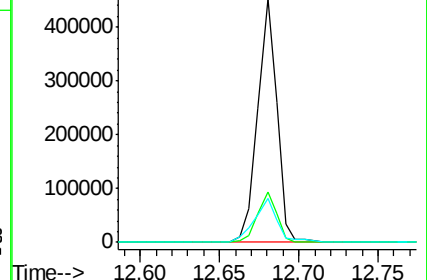
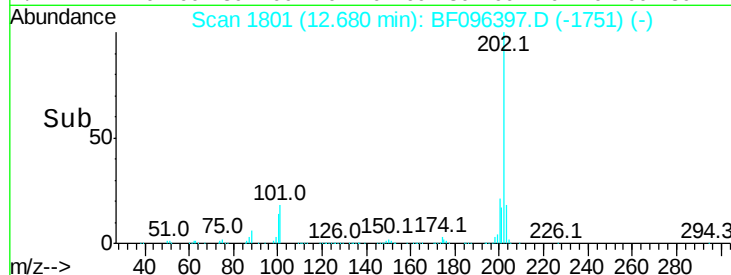
203 18.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 24.02 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

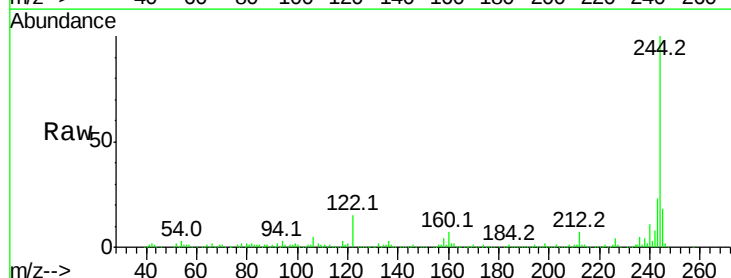
Tgt Ion:244 Resp: 284422

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

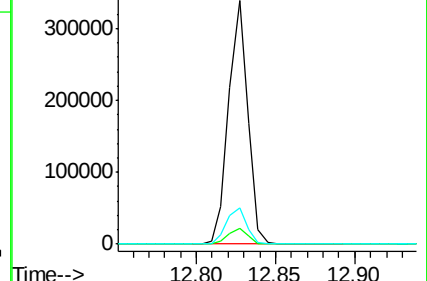
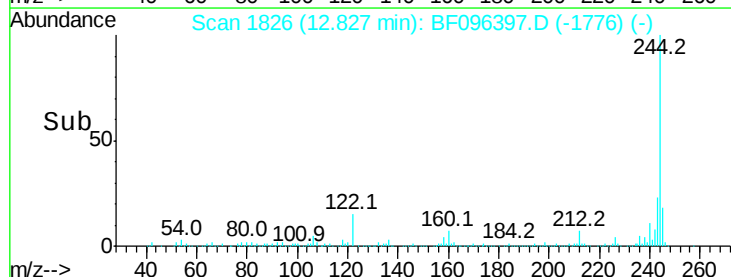
122 14.7 10.3 15.5

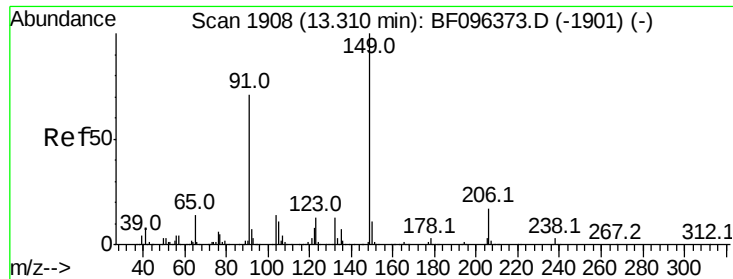


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

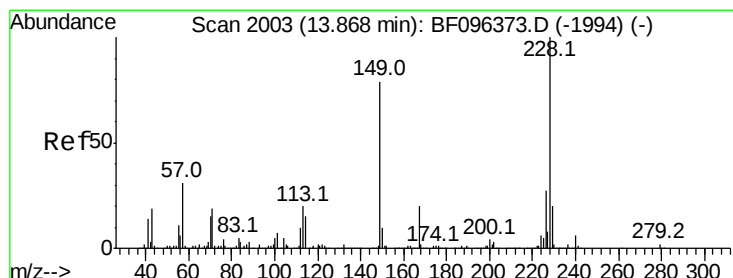
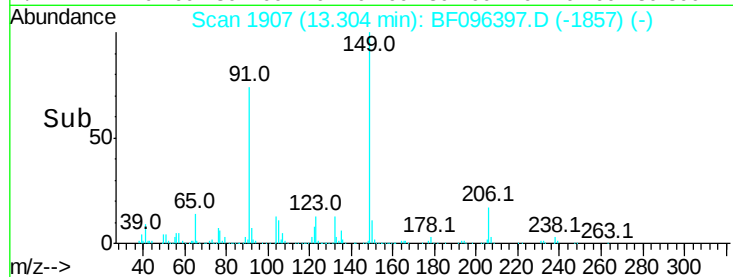
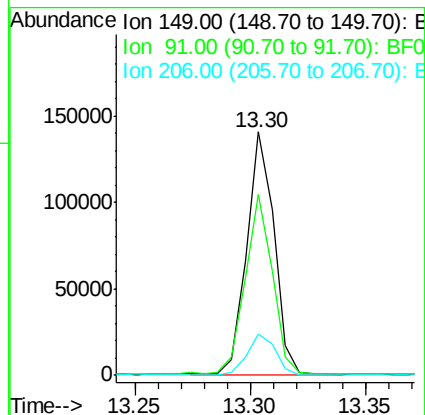
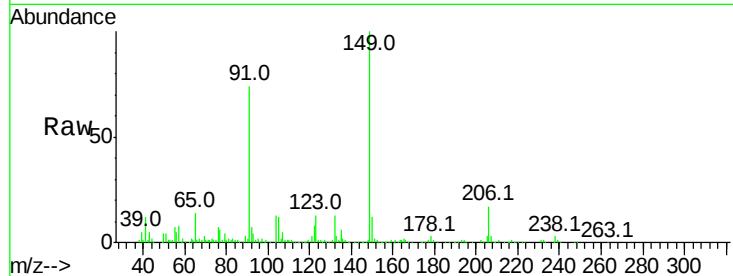




#79
 Butylbenzylphthalate
 Concen: 11.26 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

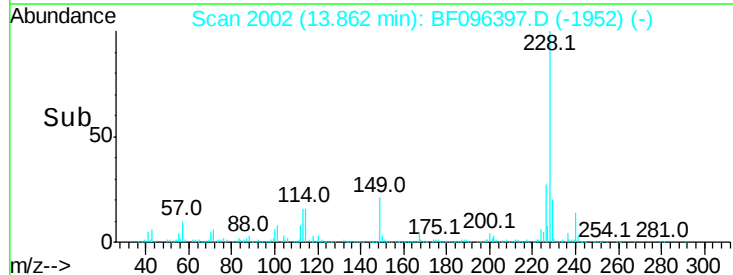
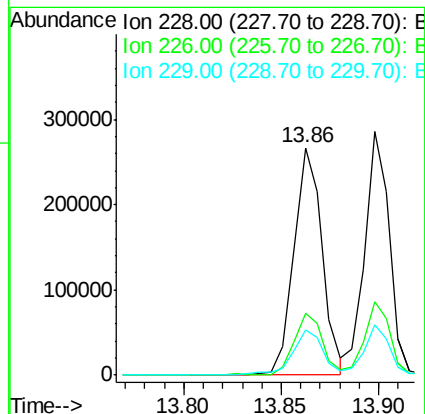
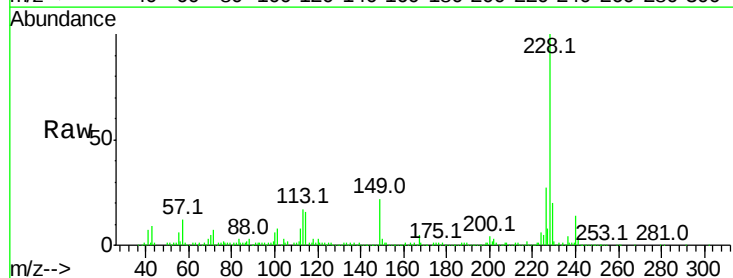
Instrument :
 BNA_F
 ClientSampleId :

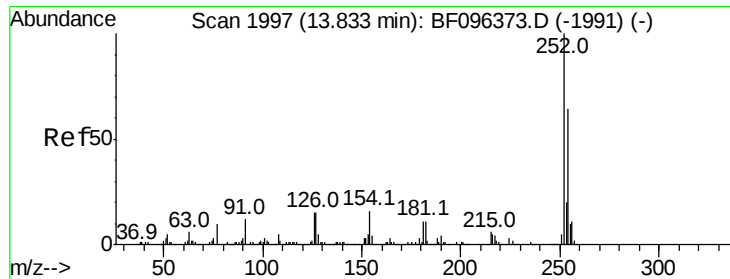
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	45.0	67.4#
206	17.0	17.0	25.6#



#80
 Benzo(a)anthracene
 Concen: 18.28 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.8	16.3	24.5

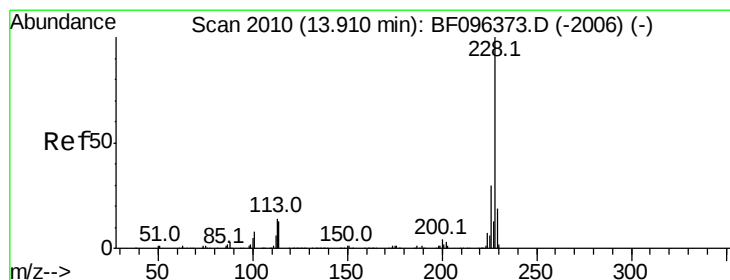
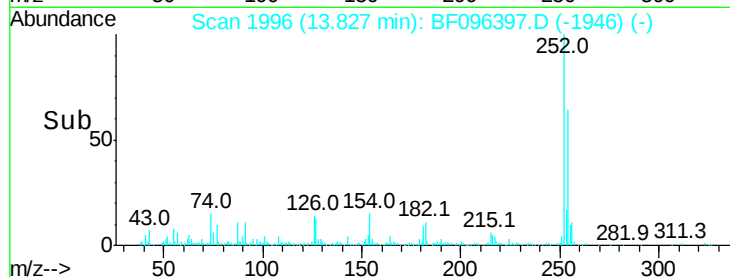
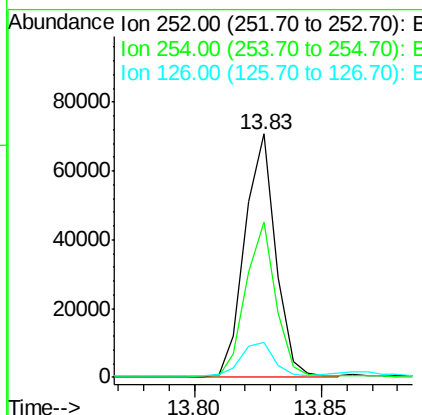
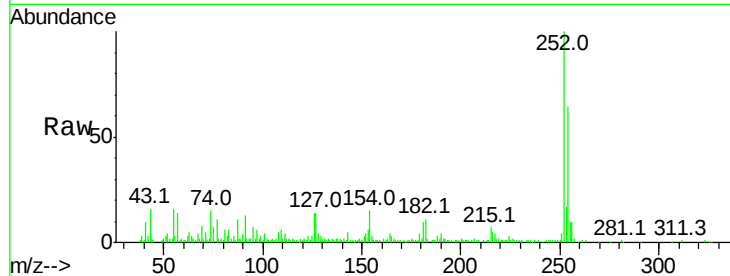




#81
 3,3'-Dichlorobenzidine
 Concen: 10.05 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

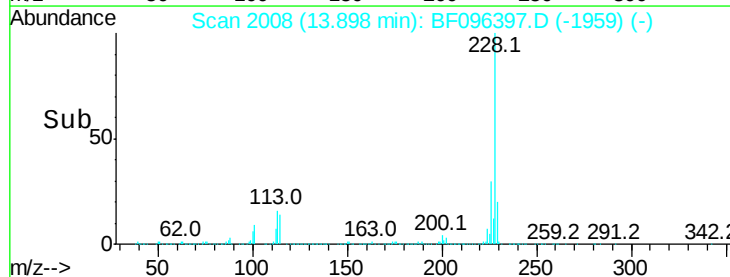
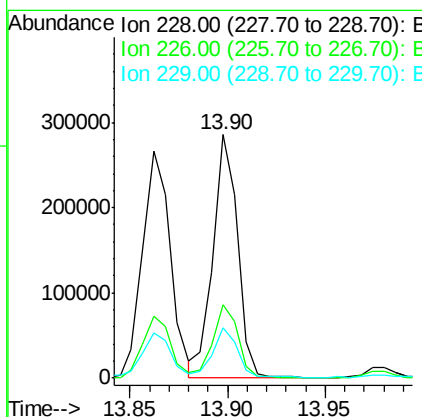
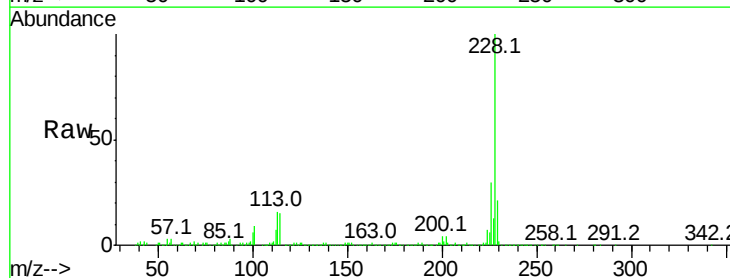
Instrument :
 BNA_F
 ClientSampleId :

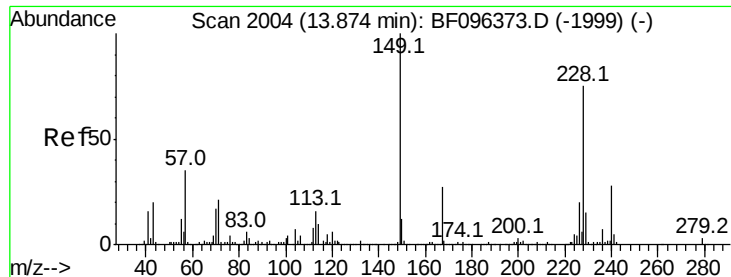
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.5	77.3
126	14.2	15.8	23.8



#82
 Chrysene
 Concen: 16.33 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	20.5	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 13.37 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

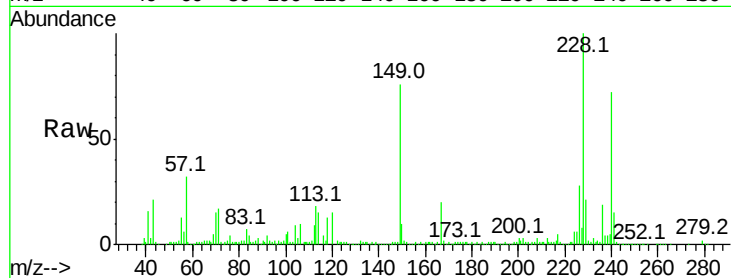
Tot Ion:149 Resp: 153409

Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

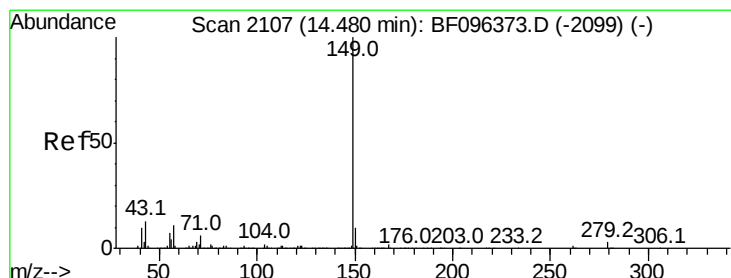
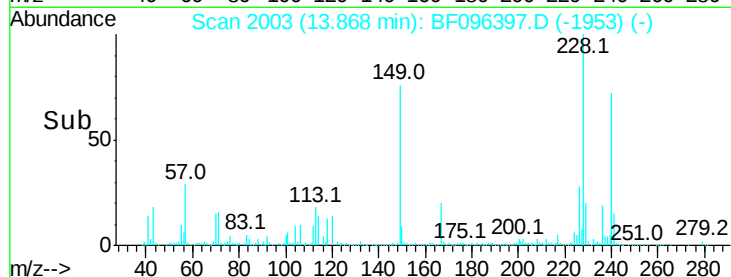
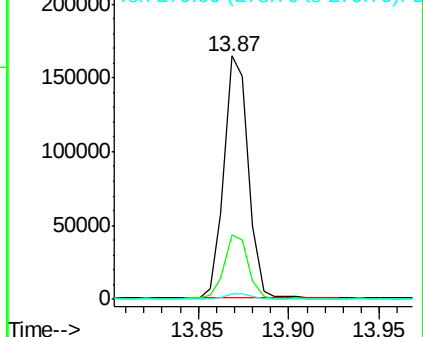
279 2.5 1.9 2.9



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: 12.68 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

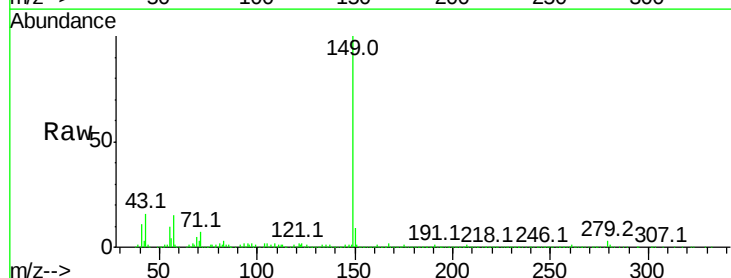
Tgt Ion:149 Resp: 286657

Ion Ratio Lower Upper

149 100

167 2.0 1.2 1.8#

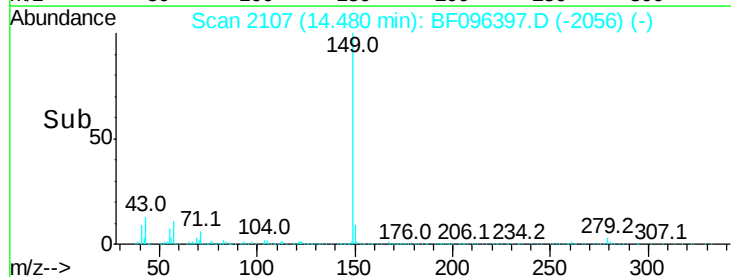
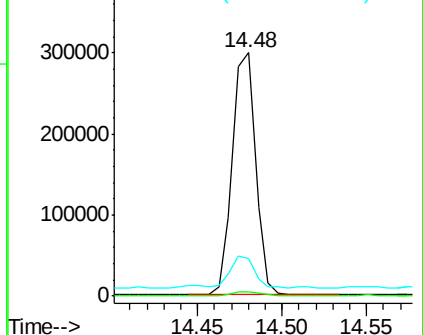
43 13.4 8.5 12.7#

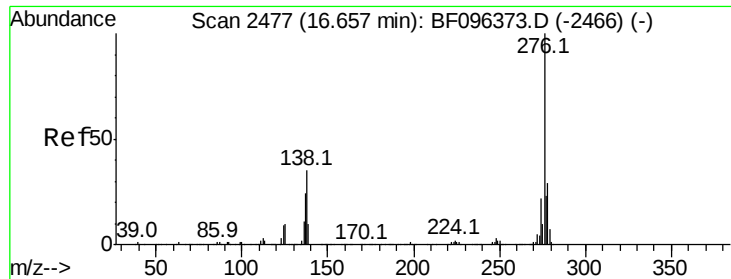


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

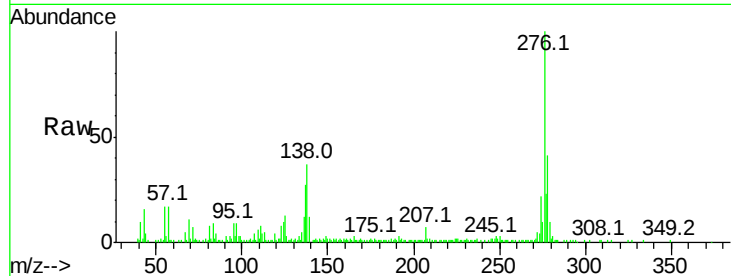




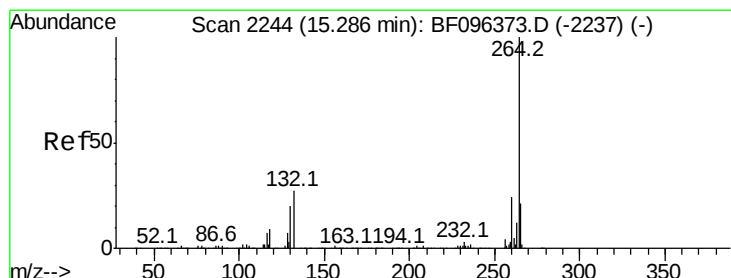
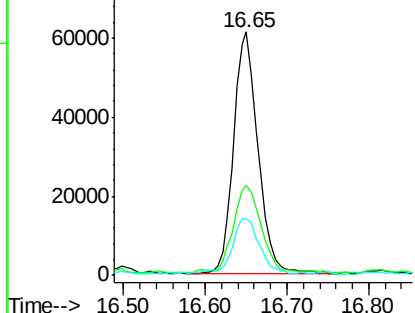
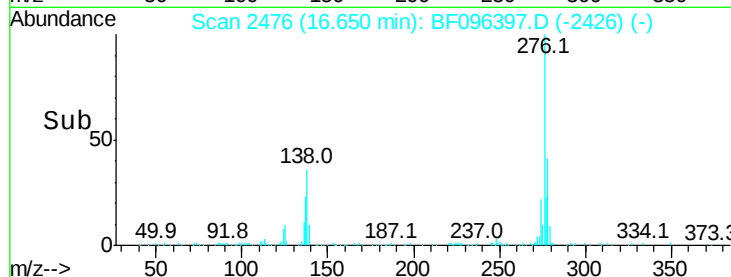
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 10.52 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	41.7	27.8	41.6#
277	25.6	20.2	30.4

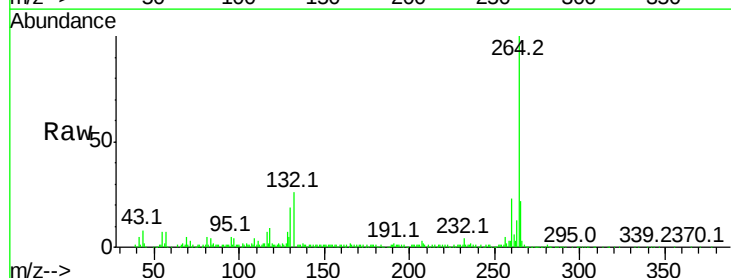


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

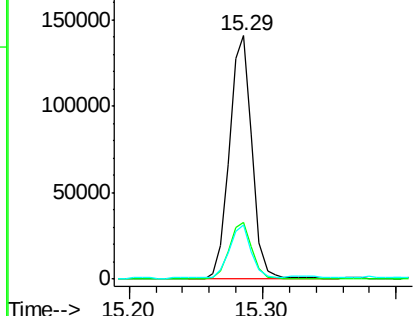
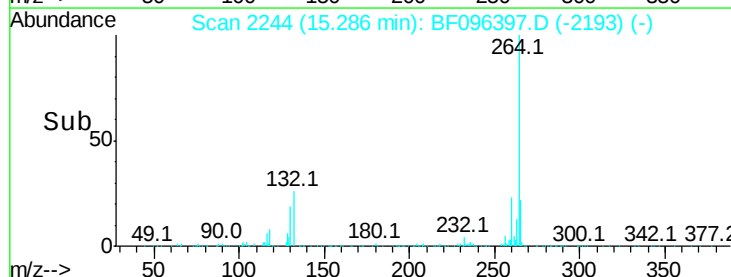


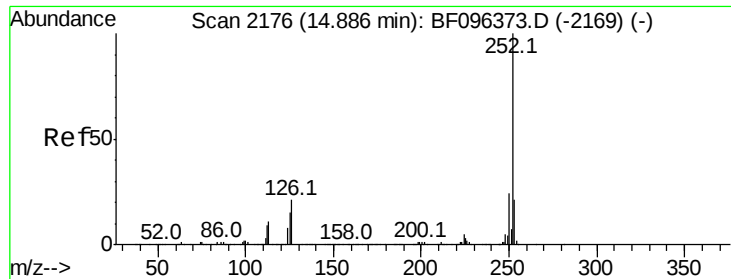
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF096397.D
 Acq: 1 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.2	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 19.85 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

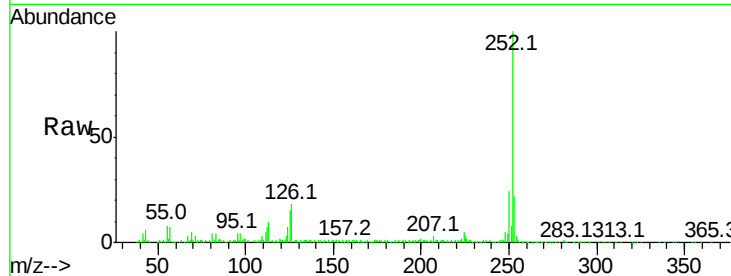
Tot Ion:252 Resp: 209270

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

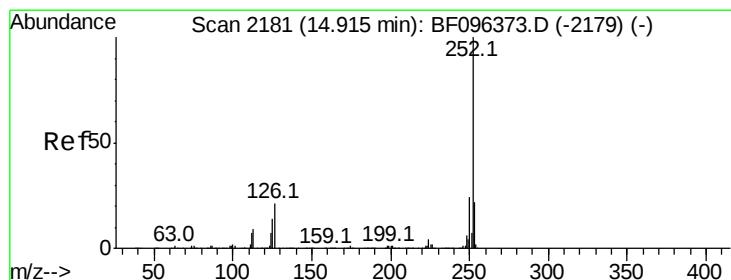
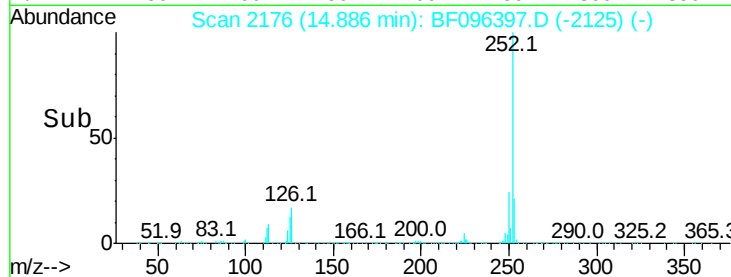
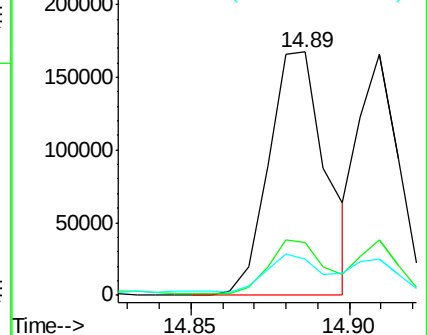
125 15.0 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 15.41 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

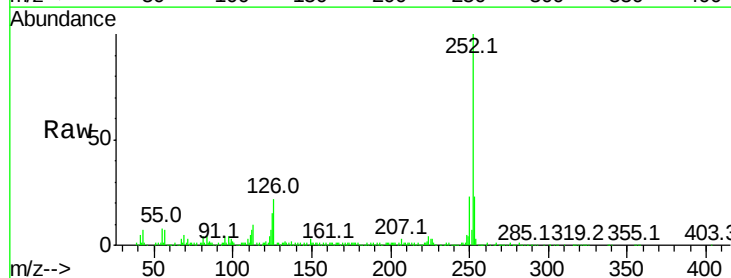
Tgt Ion:252 Resp: 145340

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

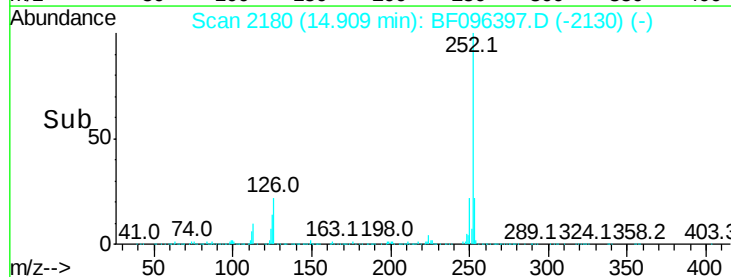
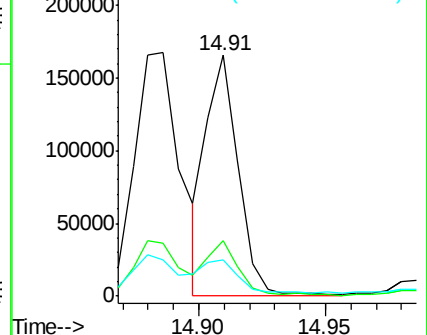
125 15.3 13.1 19.7

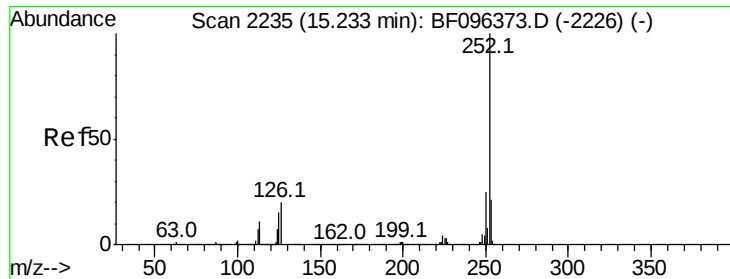


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

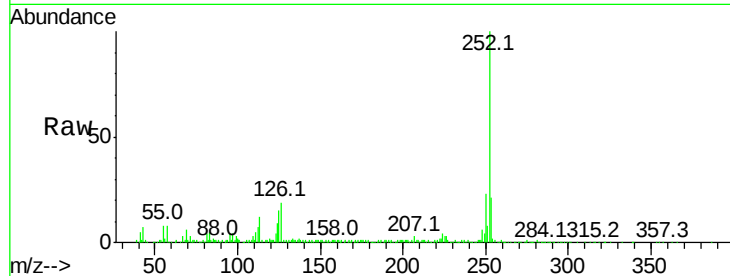




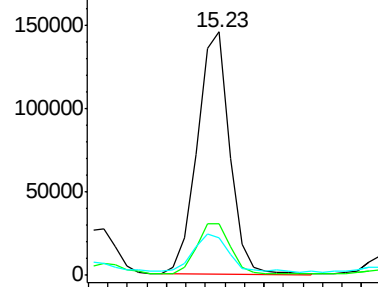
#89
Benzo(a)pyrene
Concen: 17.82 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :

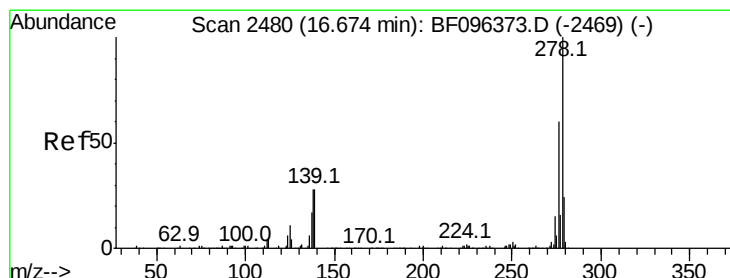
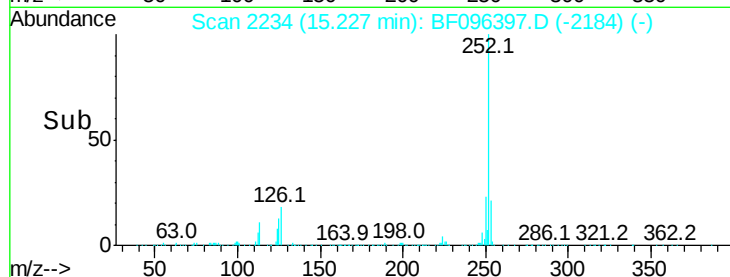
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	15.2	11.0	16.4



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

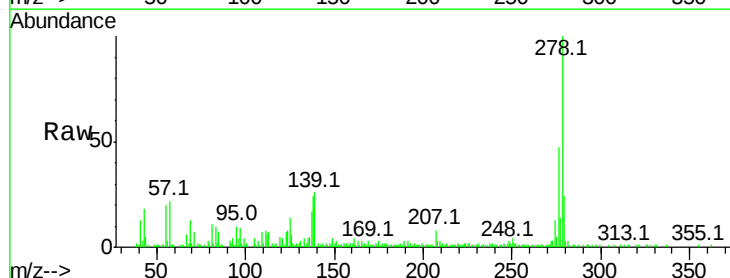


Time-->

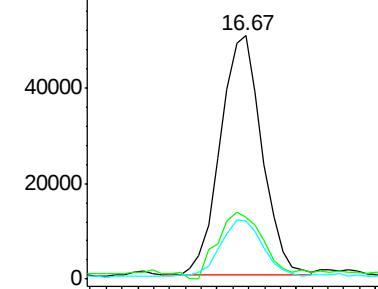


#90
Dibenzo(a,h)anthracene
Concen: 12.35 ng
RT: 16.67 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BF096397.D
Acq: 1 Jul 2017 23:48

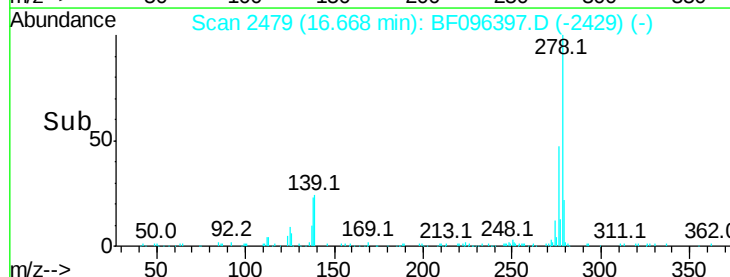
Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.6	16.6	24.8#
279	23.6	19.3	28.9

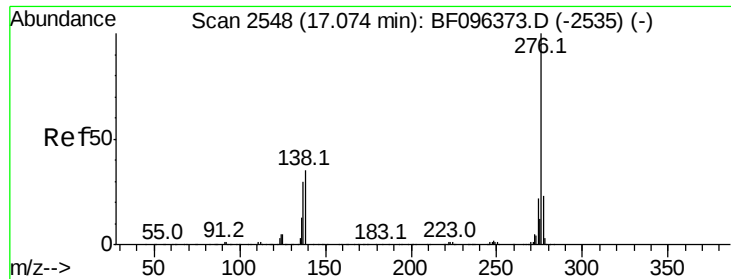


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(a,h,i)perylene

Concen: 14.79 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.02 min

Lab File: BF096397.D

Acq: 1 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

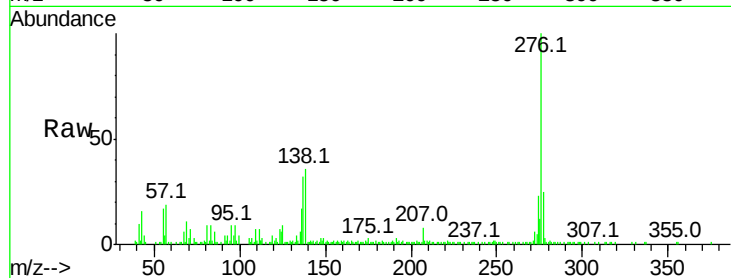
Tot Ion:276 Resp: 113458

Ion Ratio Lower Upper

276 100

277 24.7 18.6 28.0

138 36.4 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

