

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098378.D
 Acq On : 9 Sep 2017 11:43
 Operator : SJ/JU
 Sample : PB102122BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:28:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	105031	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	422571	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	196535	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	389950	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	255659	20.00	ng	-0.04
86) Perylene-d12	15.23	264	187991	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	813363	117.79	ng	0.00
7) Phenol-d6	6.35	99	1088825	116.05	ng	0.00
23) Nitrobenzene-d5	7.25	82	695249	89.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	243947	143.06	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1119362	83.68	ng	-0.03
78) Terphenyl-d14	12.78	244	971803	79.27	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	123015	31.945	ng	# 86
3) Pyridine	3.08	79	359190	33.740	ng	# 82
4) n-Nitrosodimethylamine	3.03	42	128540	31.380	ng	# 66
6) Aniline	6.35	93	251329	19.069	ng	# 42
8) 2-Chlorophenol	6.47	128	288258	39.584	ng	97
9) Benzaldehyde	6.22	77	64179	10.800	ng	91
10) Phenol	6.36	94	396485	36.134	ng	92
11) bis(2-Chloroethyl)ether	6.42	93	329484	39.784	ng	93
12) 1,3-Dichlorobenzene	6.70	146	298072	38.053	ng	97
13) 1,4-Dichlorobenzene	6.70	146	298072	37.416	ng	96
14) 1,2-Dichlorobenzene	6.85	146	271595	36.974	ng	97
15) Benzyl Alcohol	6.83	79	245855	35.001	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	366536	32.894	ng	# 1
17) 2-Methylphenol	6.96	107	256377	39.951	ng	# 86
18) Hexachloroethane	7.19	117	117405	37.589	ng	# 84
19) n-Nitroso-di-n-propylamine	7.10	70	235390	36.651	ng	# 87
20) 3+4-Methylphenols	7.12	107	345926	44.134	ng	# 64
22) Acetophenone	7.09	105	435846	39.043	ng	# 83
24) Nitrobenzene	7.27	77	347683	40.143	ng	97
25) Isophorone	7.51	82	645645	39.917	ng	99
26) 2-Nitrophenol	7.58	139	156692	49.724	ng	# 83
27) 2,4-Dimethylphenol	7.63	122	270583	40.112	ng	93
28) bis(2-Chloroethoxy)methane	7.72	93	415390	39.063	ng	99
29) 2,4-Dichlorophenol	7.83	162	240727	42.990	ng	94
30) 1,2,4-Trichlorobenzene	7.90	180	245005	39.469	ng	99
31) Naphthalene	7.98	128	847522	38.633	ng	100
32) Benzoic acid	7.80	122	171735	36.684	ng	90
33) 4-Chloroaniline	8.04	127	164778	17.810	ng	97
34) Hexachlorobutadiene	8.10	225	140194	38.681	ng	98
35) Caprolactam	8.45	113	66982	35.186	ng	86
36) 4-Chloro-3-methylphenol	8.55	107	289223	40.201	ng	84
37) 2-Methylnaphthalene	8.67	142	562732	41.839	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	232527	38.551	ng	97
40) Hexachlorocyclopentadiene	8.82	237	218333	75.349	ng	99

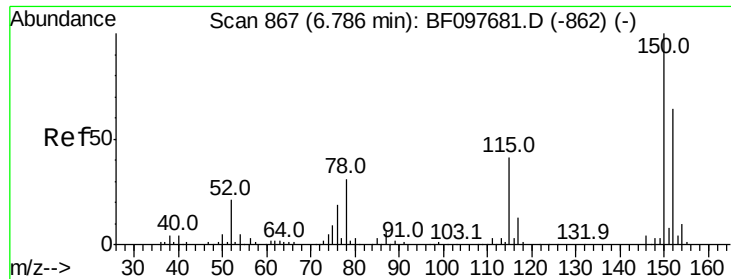
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	162858	40.217	ng	98
43) 2,4,5-Trichlorophenol	9.01	196	172106	42.841	ng	98
45) 1,1'-Biphenyl	9.14	154	667265	37.231	ng	96
46) 2-Chloronaphthalene	9.16	162	492115	37.162	ng	# 92
47) 2-Nitroaniline	9.27	65	184056	41.460	ng	94
48) Acenaphthylene	9.57	152	810551	38.978	ng	99
49) Dimethylphthalate	9.45	163	610970	42.528	ng	99
50) 2,6-Dinitrotoluene	9.51	165	131921	46.004	ng	# 76
51) Acenaphthene	9.75	154	479217	36.539	ng	100
52) 3-Nitroaniline	9.68	138	118619	32.061	ng	98
53) 2,4-Dinitrophenol	9.79	184	100871	74.715	ng	# 73
54) Dibenzofuran	9.92	168	701603	39.915	ng	97
55) 4-Nitrophenol	9.87	139	191517	64.891	ng	# 58
56) 2,4-Dinitrotoluene	9.92	165	161572	44.897	ng	# 57
57) Fluorene	10.26	166	550405	40.501	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.05	232	142404	45.784	ng	89
59) Diethylphthalate	10.15	149	637384	42.426	ng	98
60) 4-Chlorophenyl-phenylether	10.25	204	257917	40.852	ng	88
61) 4-Nitroaniline	10.30	138	146800	41.747	ng	81
62) Azobenzene	10.42	77	704422	39.474	ng	93
64) 4,6-Dinitro-2-methylphenol	10.33	198	80109	44.359	ng	# 76
65) n-Nitrosodiphenylamine	10.37	169	510651	38.456	ng	99
66) 4-Bromophenyl-phenylether	10.74	248	163862	40.466	ng	97
67) Hexachlorobenzene	10.81	284	160330	38.845	ng	93
68) Atrazine	10.92	200	151786	43.102	ng	97
69) Pentachlorophenol	11.01	266	154209	64.080	ng	98
70) Phenanthrene	11.22	178	806260	38.801	ng	99
71) Anthracene	11.27	178	828968	39.333	ng	99
72) Carbazole	11.43	167	769849	38.482	ng	97
73) Di-n-butylphthalate	11.76	149	1001281	43.452	ng	99
74) Fluoranthene	12.40	202	845915	39.002	ng	98
76) Benzidine	12.53	184	222076	26.493	ng	# 92
77) Pyrene	12.63	202	850796	40.689	ng	98
79) Butylbenzylphthalate	13.25	149	396775	49.492	ng	# 73
80) Benzo(a)anthracene	13.82	228	576935	37.652	ng	99
81) 3,3'-Dichlorobenzidine	13.78	252	179746	34.764	ng	# 97
82) Chrysene	13.86	228	573138	37.601	ng	99
83) Bis(2-ethylhexyl)phthalate	13.81	149	549005	61.799	ng	# 99
84) Di-n-octyl phthalate	14.42	149	871439	56.378	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.59	276	494803	44.128	ng	96
87) Benzo(b)fluoranthene	14.83	252	468382	39.527	ng	99
88) Benzo(k)fluoranthene	14.86	252	457819	41.123	ng	# 93
89) Benzo(a)pyrene	15.17	252	441446	42.082	ng	99
90) Dibenzo(a,h)anthracene	16.59	278	408169	47.794	ng	99
91) Benzo(g,h,i)perylene	16.99	276	425822	47.786	ng	95

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

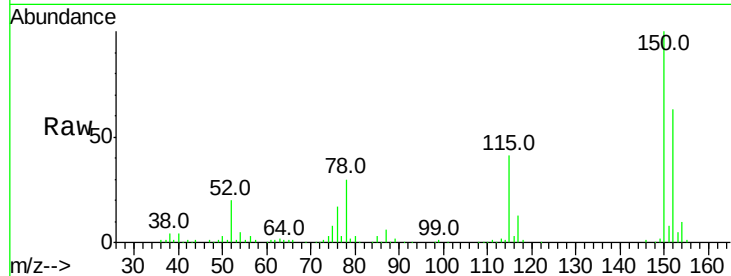


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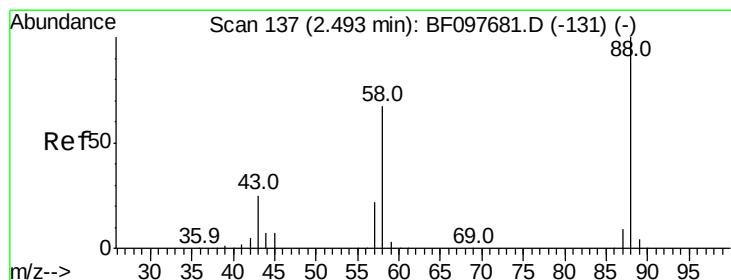
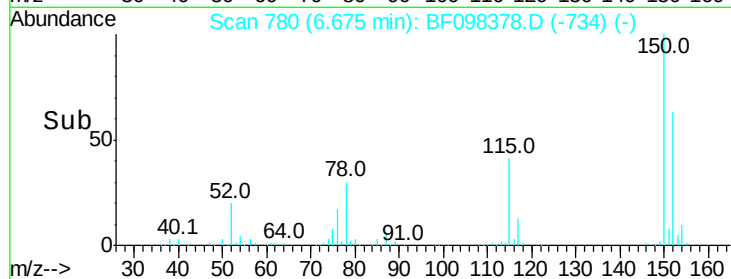
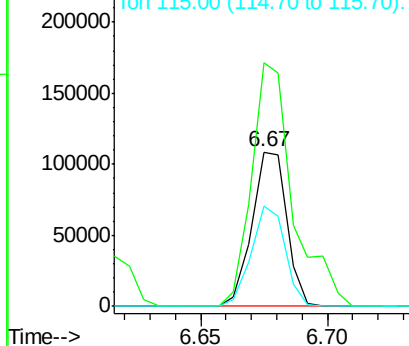
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105031
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 65.1 52.2 78.2



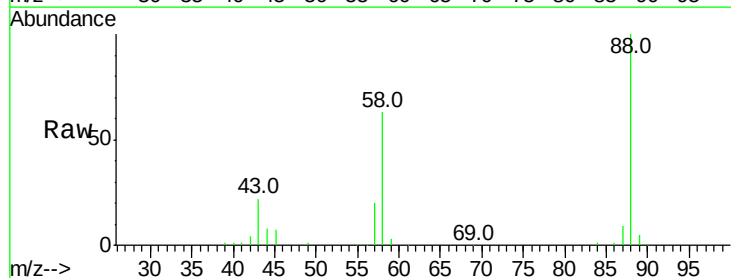
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



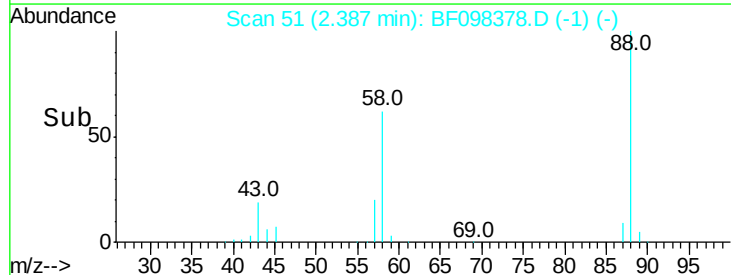
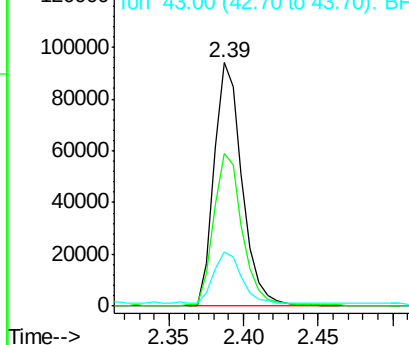
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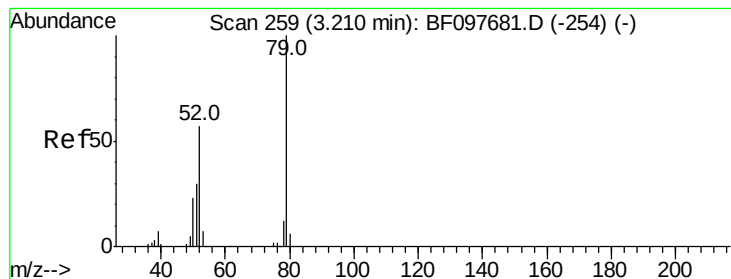
1,4-Dioxane
Concen: 31.945 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.06 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion: 88 Resp: 123015
Ion Ratio Lower Upper
88 100
58 65.1 61.4 92.0
43 21.4 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: 33.740 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.06 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampleId :

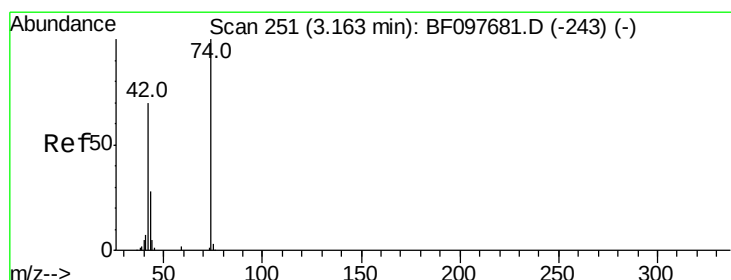
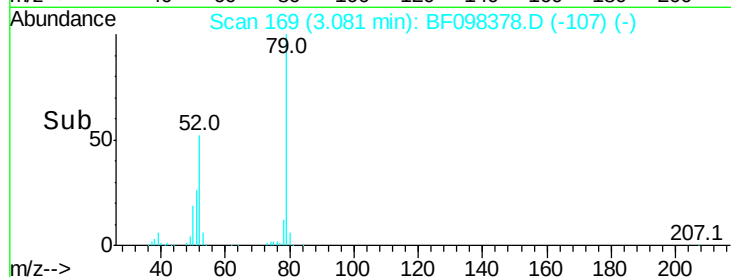
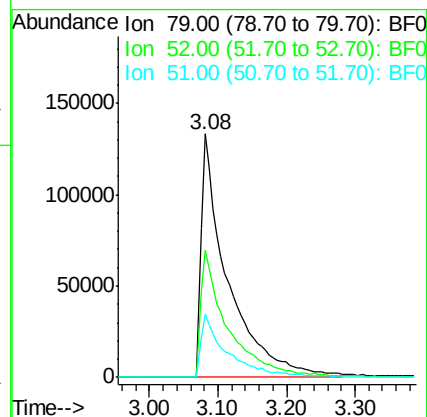
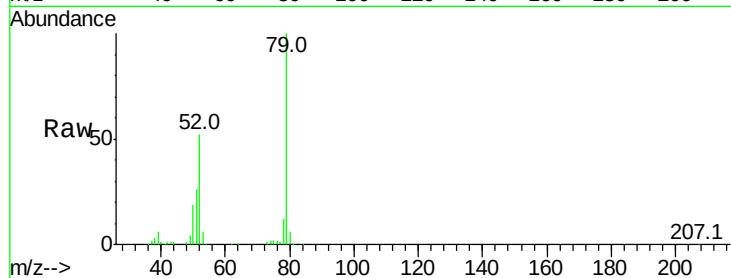
Tot Ion: 79 Resp: 359190

Ion Ratio Lower Upper

79 100

52 52.4 54.8 82.2#

51 25.8 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 31.380 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.05 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

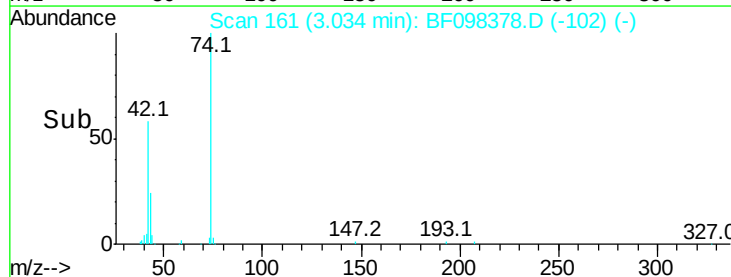
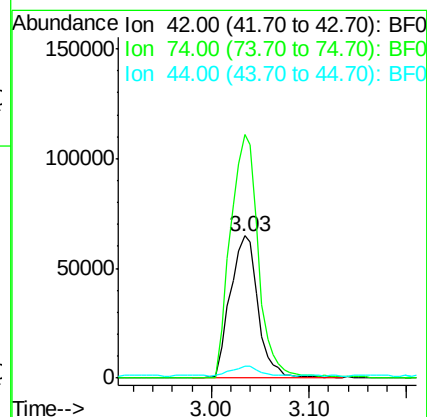
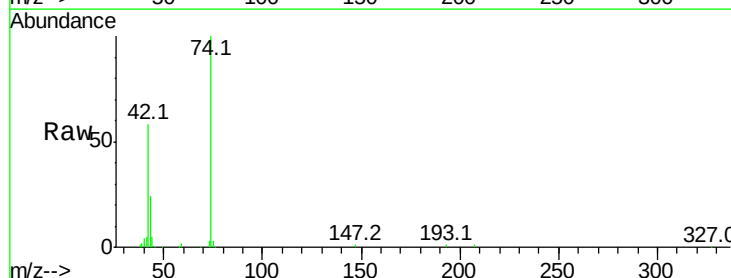
Tgt Ion: 42 Resp: 128540

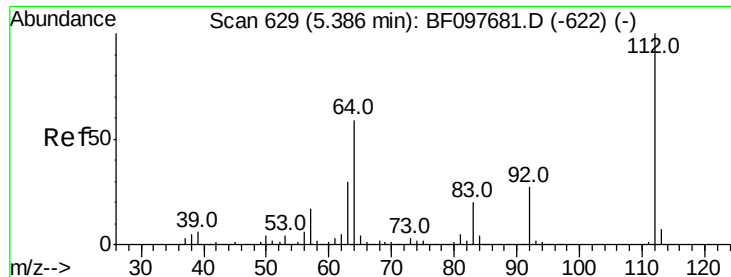
Ion Ratio Lower Upper

42 100

74 171.3 103.9 155.9#

44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 117.792 ng

RT: 5.30 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampleId :

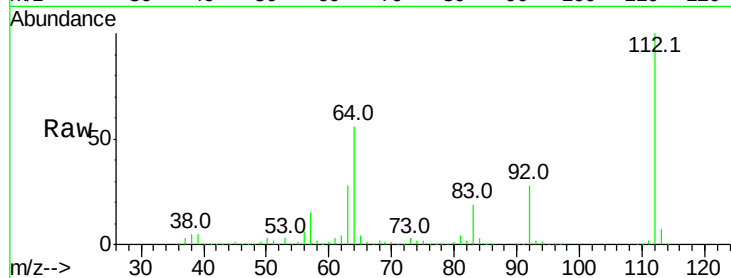
Tot Ion:112 Resp: 813363

Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

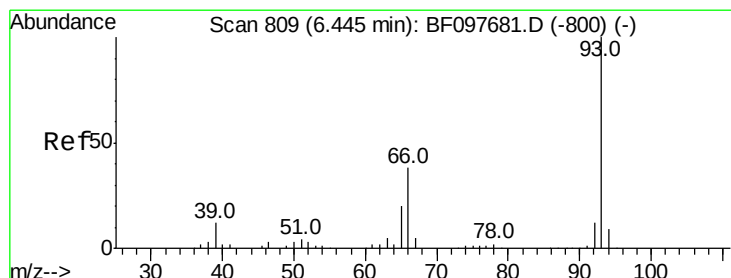
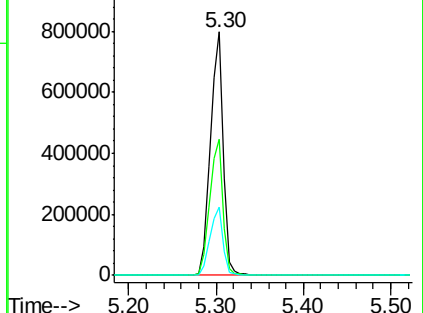
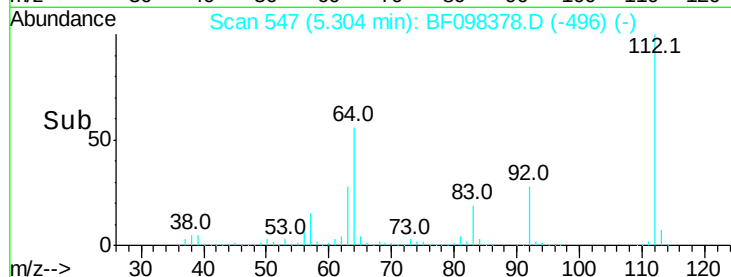
63 27.9 23.4 35.0



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: 19.069 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

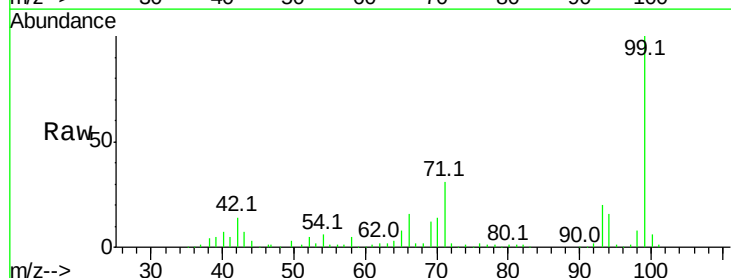
Tgt Ion: 93 Resp: 251329

Ion Ratio Lower Upper

93 100

66 81.4 32.9 49.3#

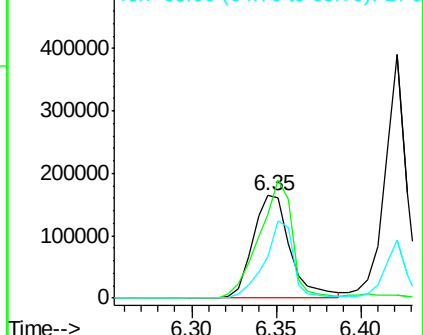
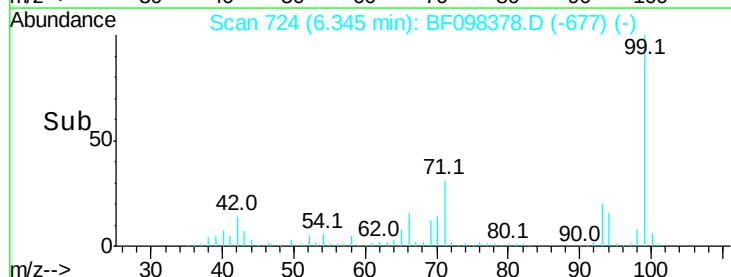
65 40.7 16.0 24.0#

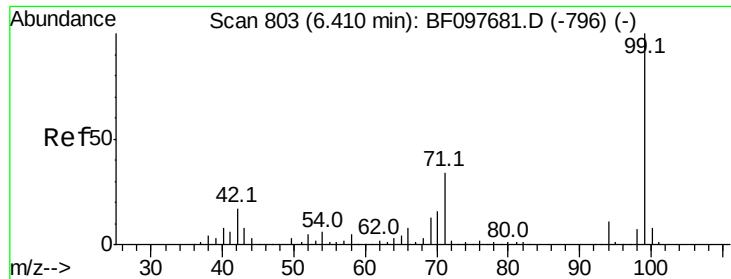


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.055 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampled :

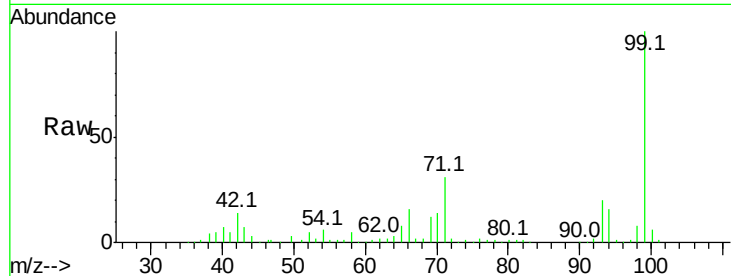
Tot Ion: 99 Resp: 1088825

Ion Ratio Lower Upper

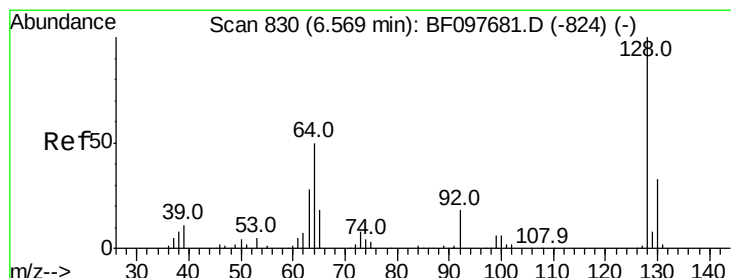
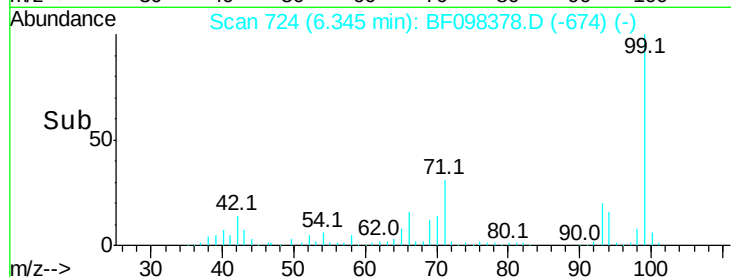
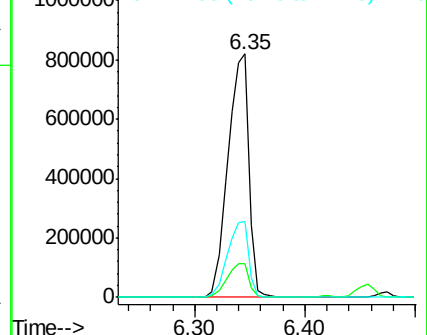
99 100

42 13.6 13.5 20.3

71 31.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.584 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

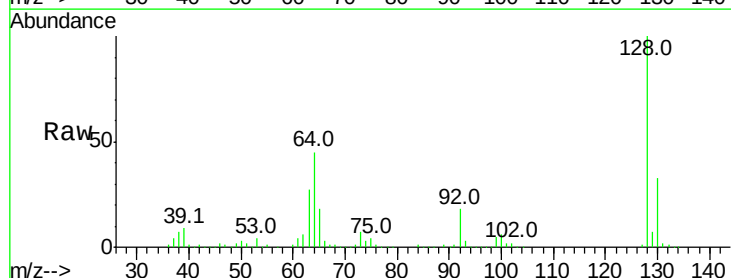
Tgt Ion: 128 Resp: 288258

Ion Ratio Lower Upper

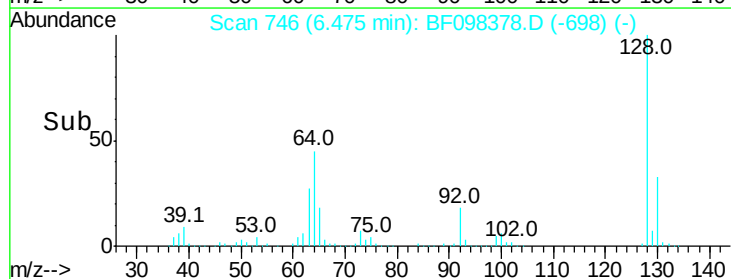
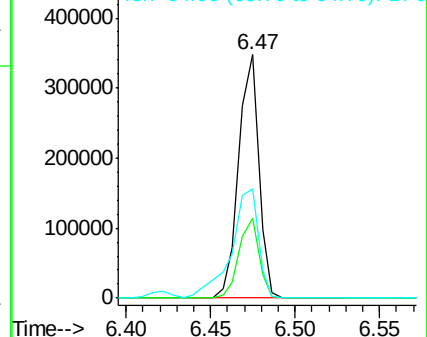
128 100

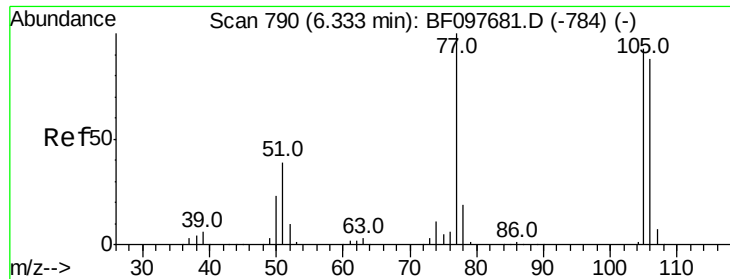
130 32.5 12.9 52.9

64 44.8 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

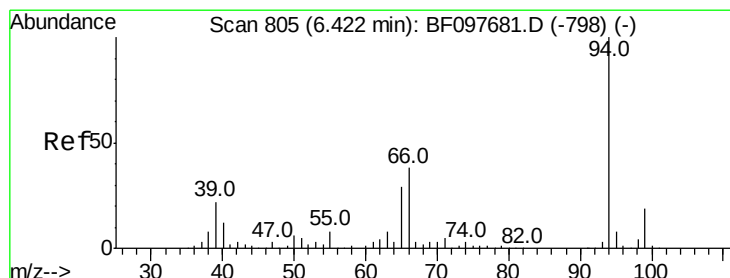
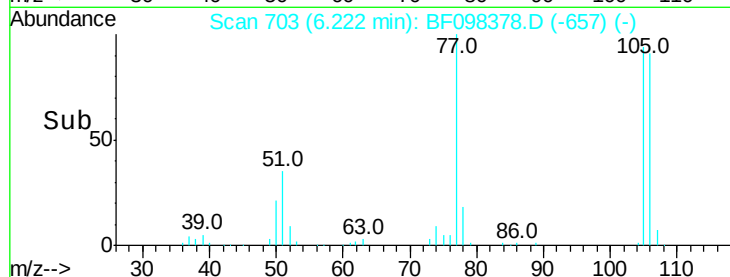
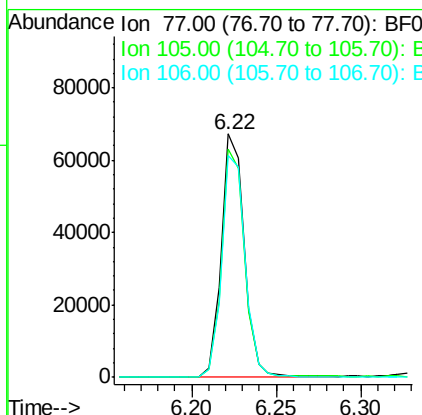
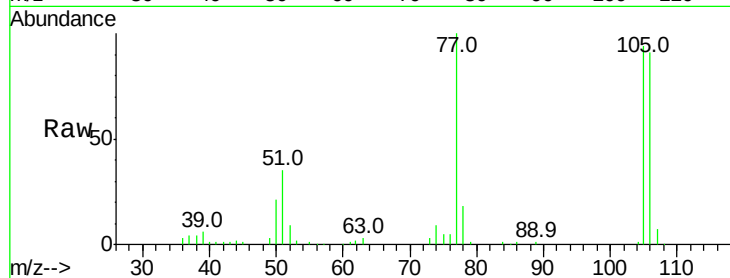




#9
Benzaldehyde
Concen: 10.800 ng
RT: 6.22 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

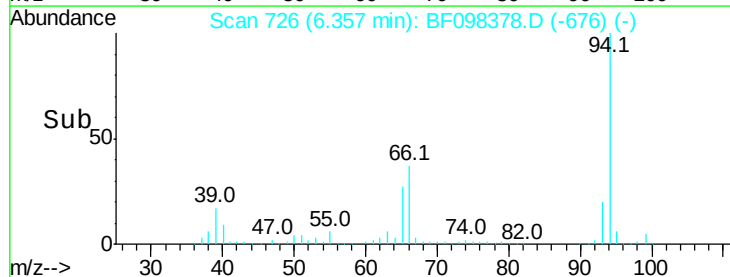
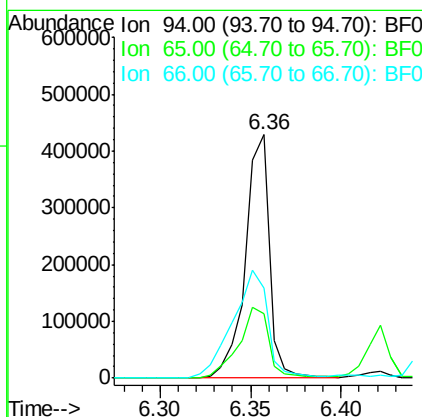
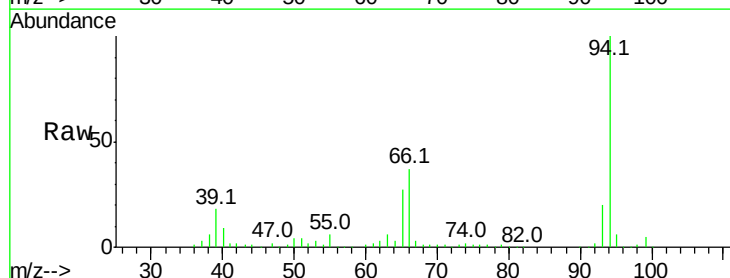
Instrument :
BNA_F
ClientSampled :

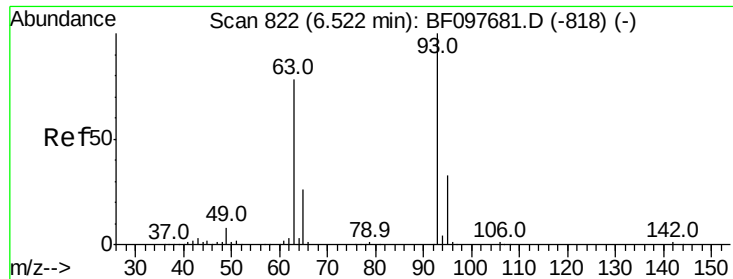
Tot Ion: 77 Resp: 64179
Ion Ratio Lower Upper
77 100
105 93.6 83.8 123.8
106 91.0 79.1 119.1



#10
Phenol
Concen: 36.134 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion: 94 Resp: 396485
Ion Ratio Lower Upper
94 100
65 26.6 9.9 49.9
66 36.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.784 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampled :

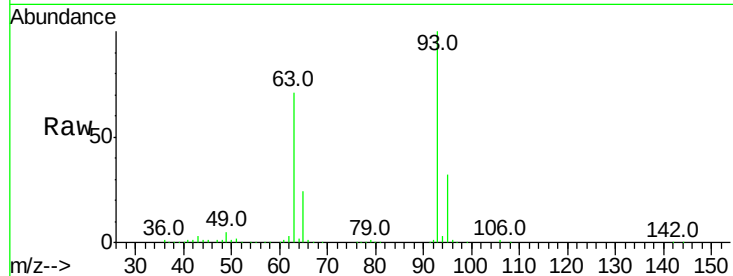
Tot Ion: 93 Resp: 329484

Ion Ratio Lower Upper

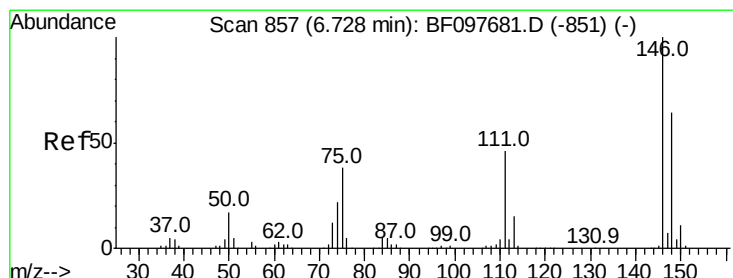
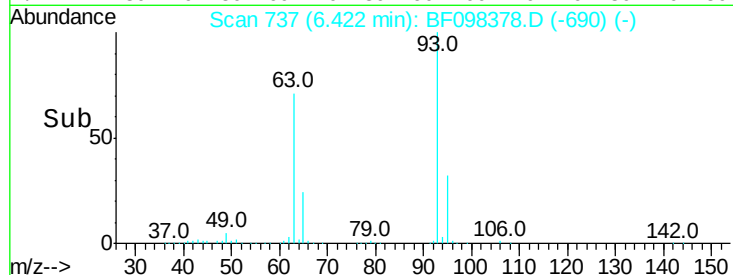
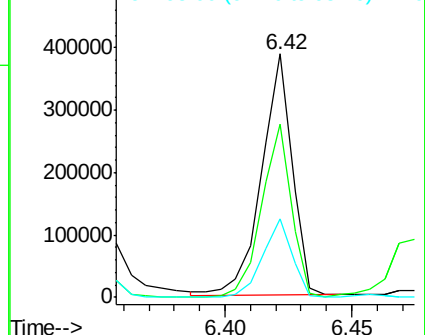
93 100

63 71.1 59.2 99.2

95 32.3 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: 38.053 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.05 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

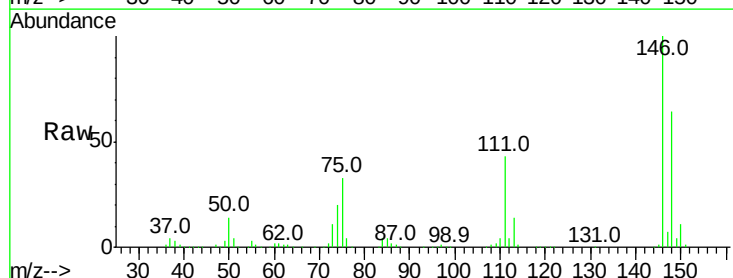
Tgt Ion: 146 Resp: 298072

Ion Ratio Lower Upper

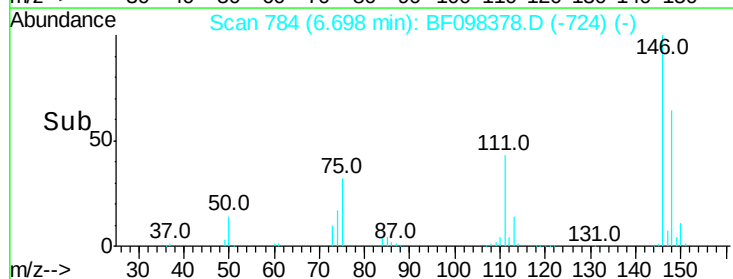
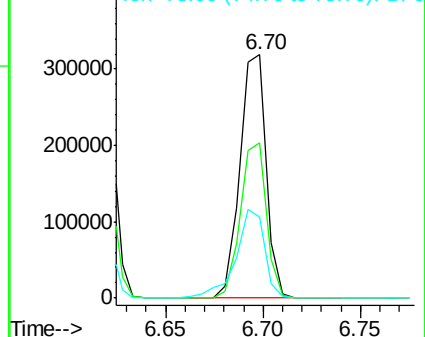
146 100

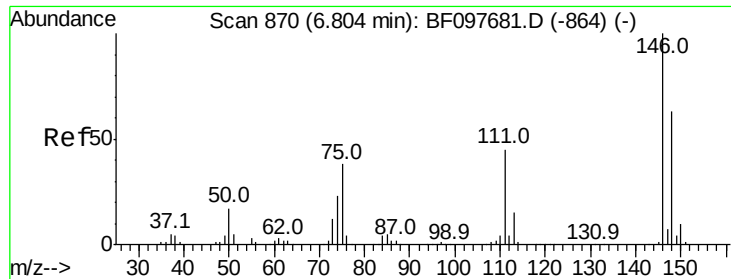
148 63.8 51.8 77.6

75 33.1 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

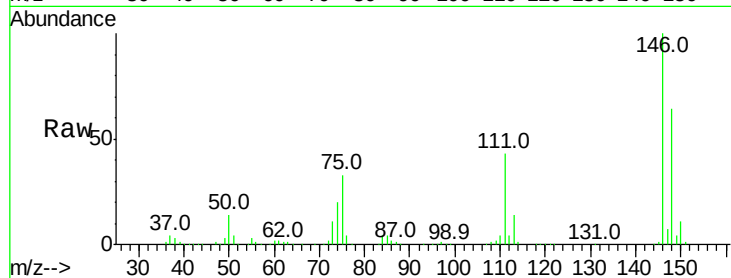




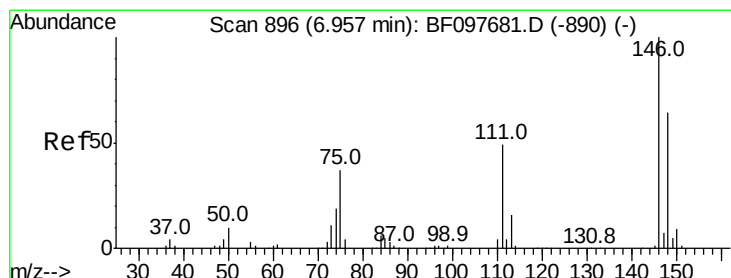
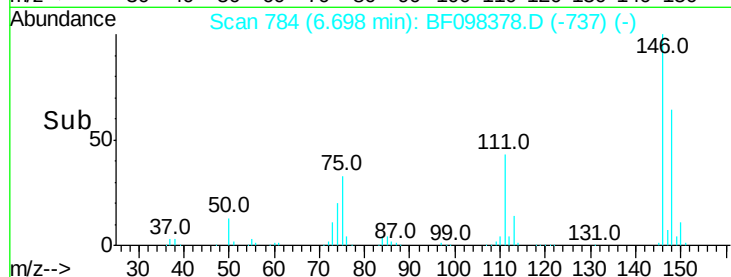
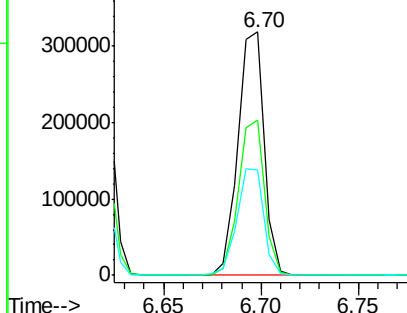
#13
 1,4-Dichlorobenzene
 Concen: 37.416 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 298072
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 43.1 30.3 45.5

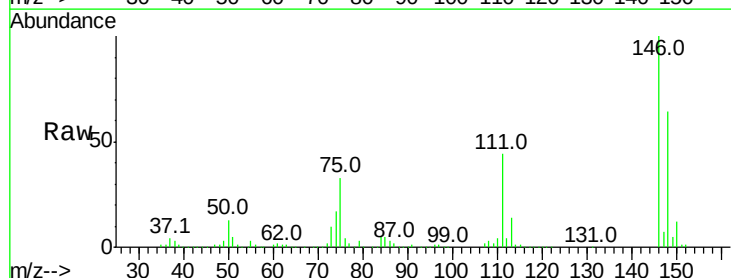


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

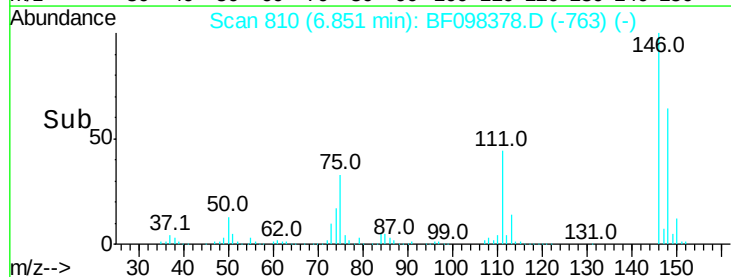
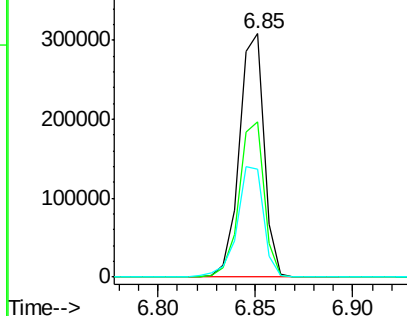


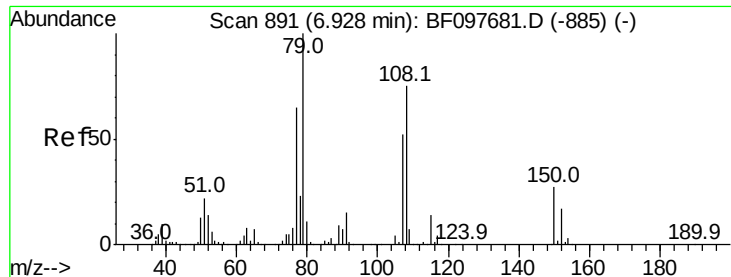
#14
 1,2-Dichlorobenzene
 Concen: 36.974 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion:146 Resp: 271595
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 44.1 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 35.001 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampleId :

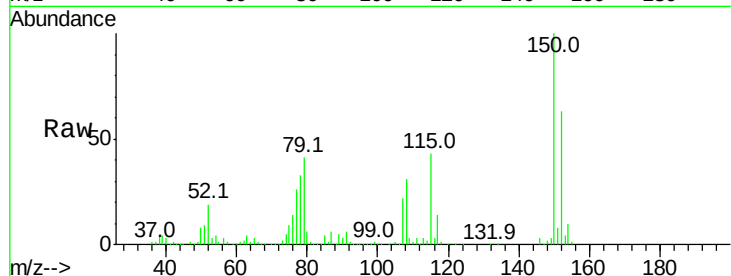
Tot Ion: 79 Resp: 245855

Ion Ratio Lower Upper

79 100

108 76.4 63.4 95.0

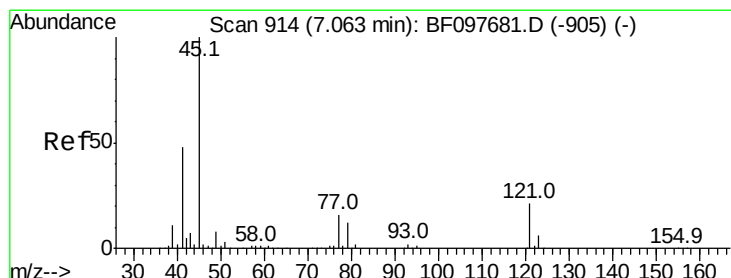
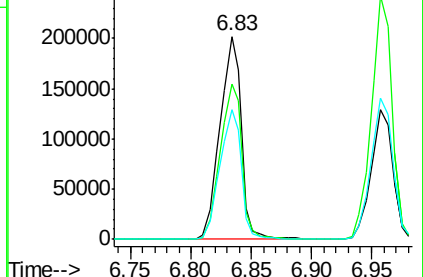
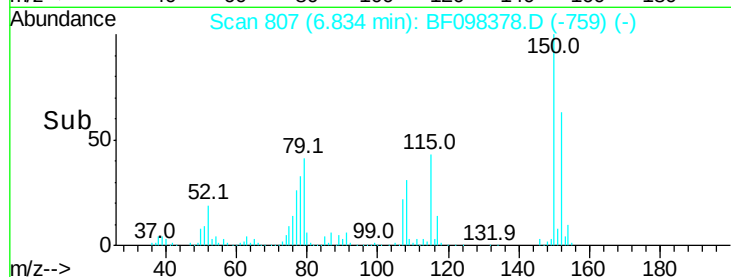
77 63.9 49.2 73.8



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: 32.894 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

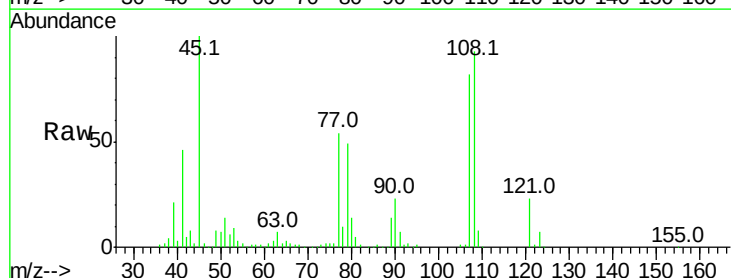
Tgt Ion: 45 Resp: 366536

Ion Ratio Lower Upper

45 100

77 53.9 0.0 33.2#

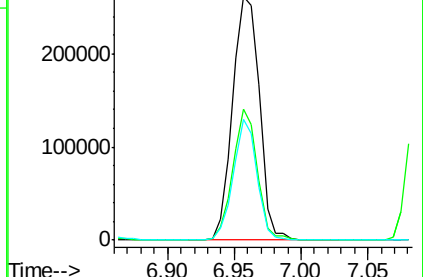
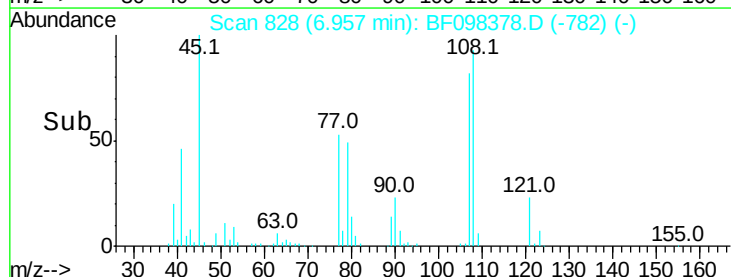
79 49.4 0.0 30.0#

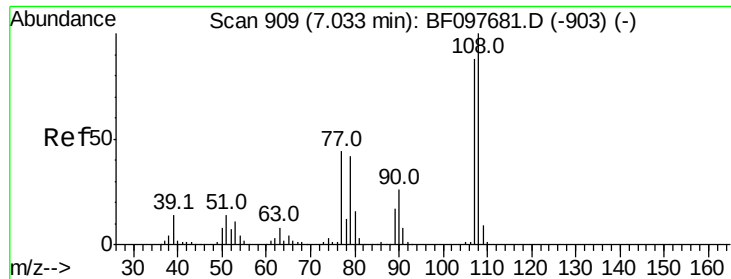


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

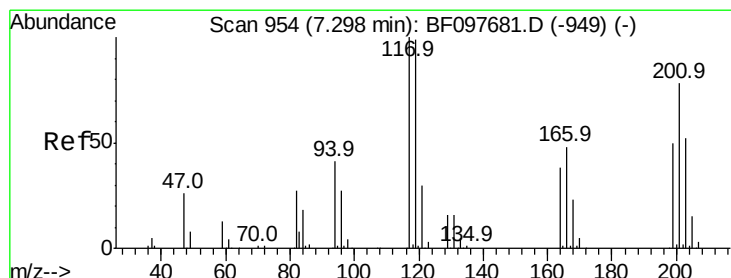
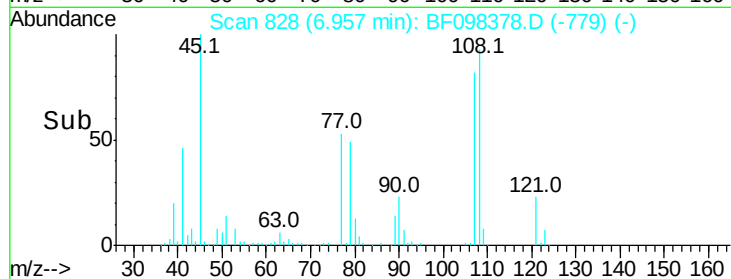
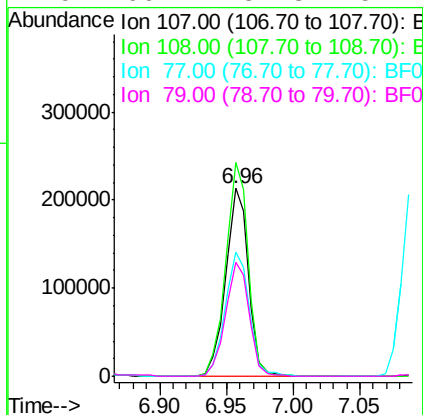
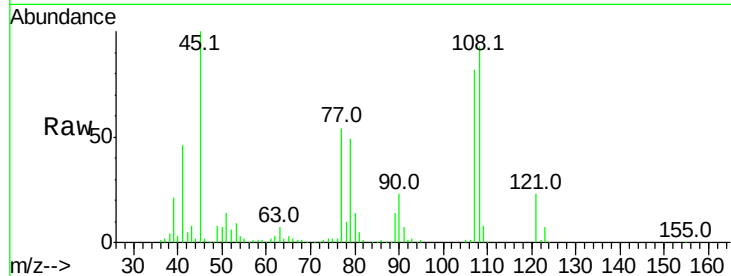




#17
2-Methylphenol
Concen: 39.951 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

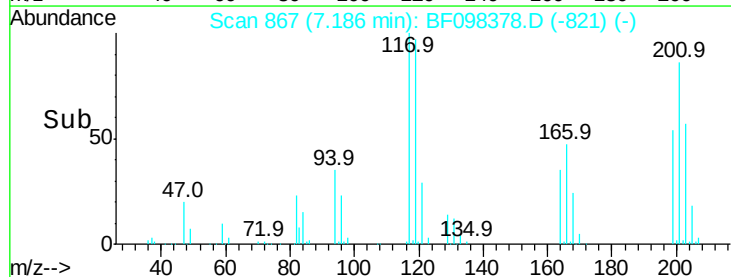
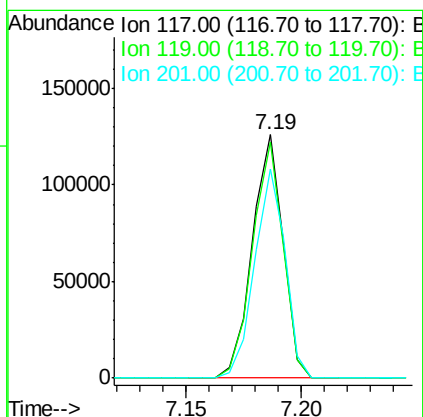
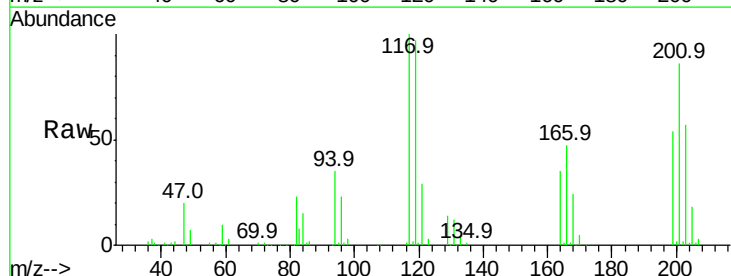
Instrument :
BNA_F
ClientSampleId :

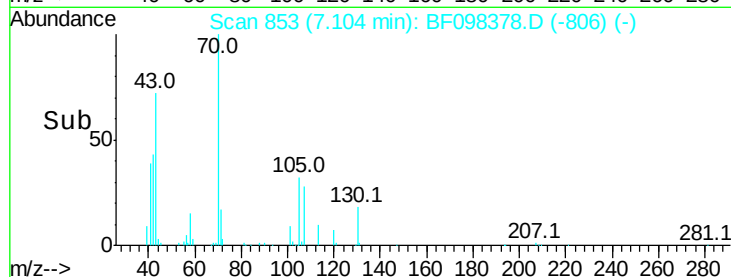
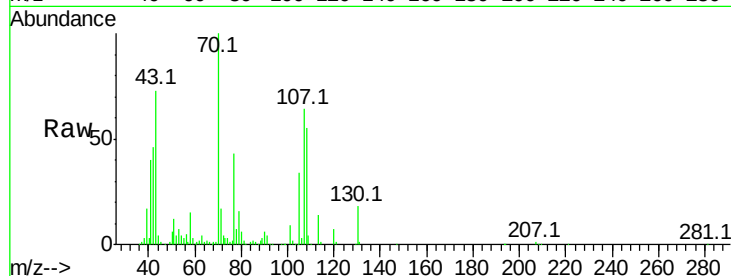
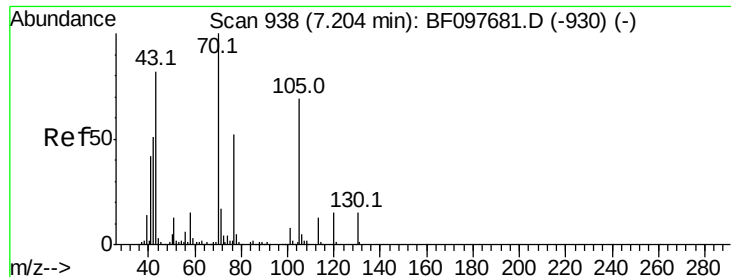
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	93.4	140.0
77	65.9	35.8	53.6#
79	60.4	34.8	52.2#



#18
Hexachloroethane
Concen: 37.589 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.4	116.0
201	86.0	94.6	141.8#

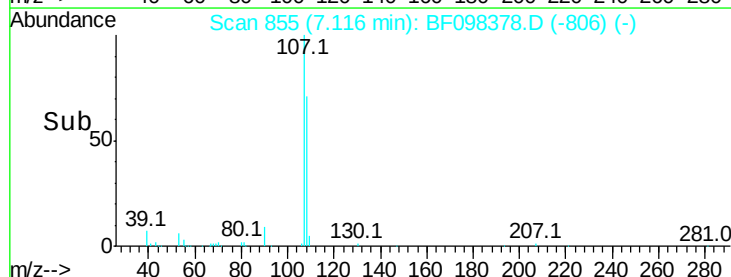
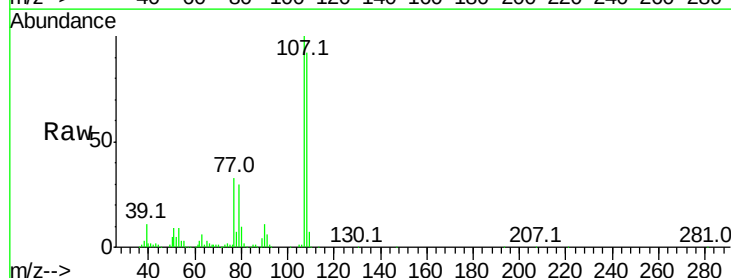
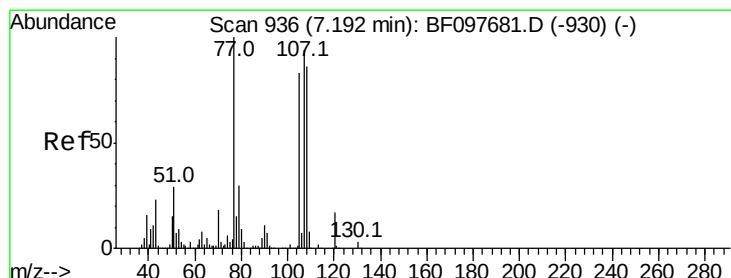
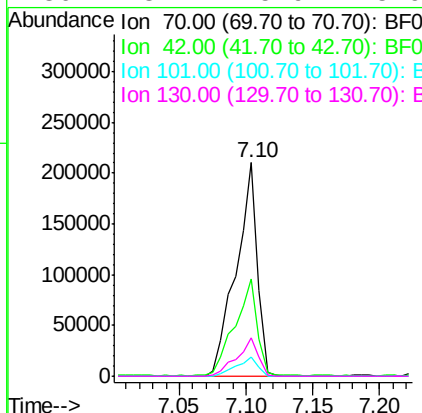




#19
n-Nitroso-di-n-propylamine
Concen: 36.651 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

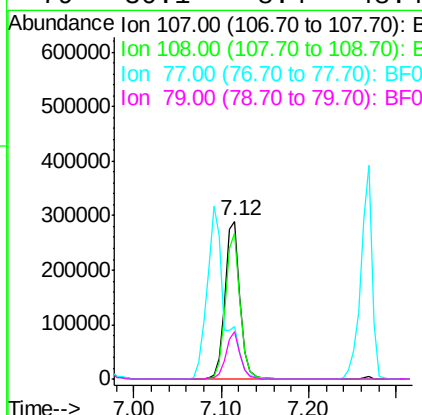
Instrument :
BNA_F
ClientSampleId :

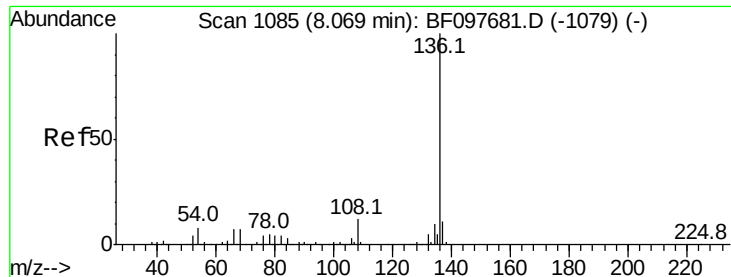
Tot Ion: 70 Resp: 235390
Ion Ratio Lower Upper
70 100
42 45.8 47.2 70.8#
101 9.3 7.2 10.8
130 18.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.134 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion: 107 Resp: 345926
Ion Ratio Lower Upper
107 100
108 92.3 71.0 111.0
77 33.1 90.5 130.5#
79 30.1 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF098378.D

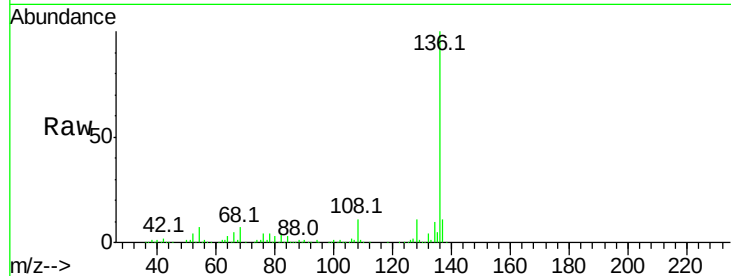
Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp: 422571
Ion Ratio	Lower Upper
136 100	
137 10.7	8.5 12.7
54 7.1	4.9 7.3
68 7.0	4.1 6.1#



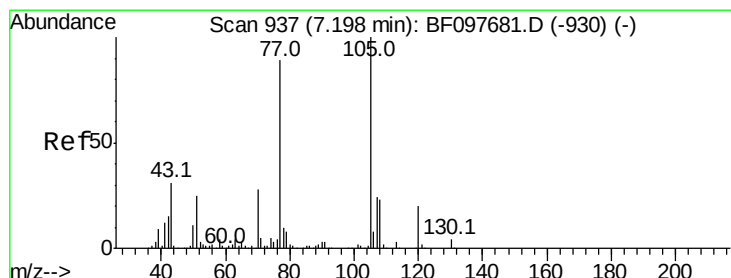
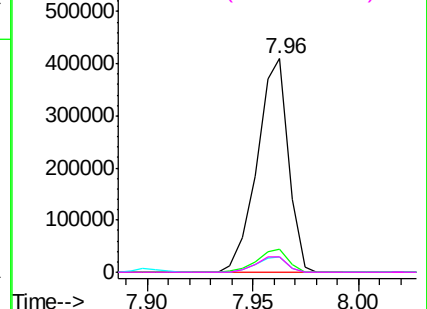
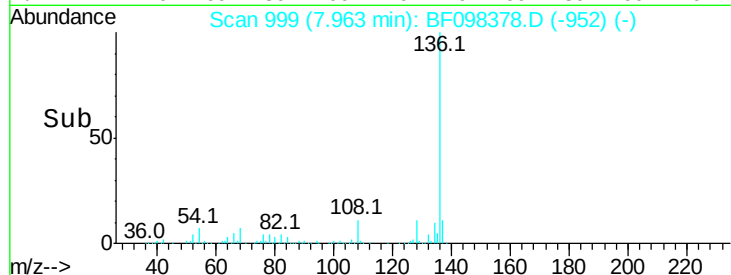
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.043 ng

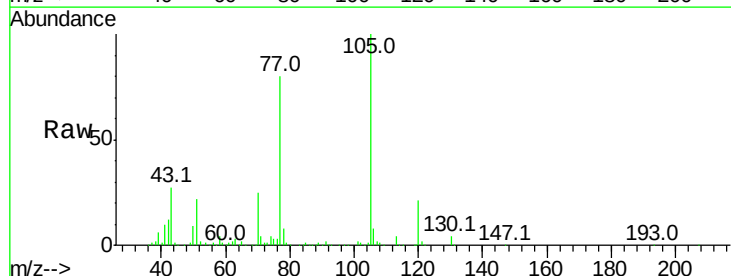
RT: 7.09 min Scan# 851

Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Tgt Ion:105	Resp: 435846
Ion Ratio	Lower Upper
105 100	
71 4.2	2.8 4.2
51 21.6	30.7 46.1#
120 21.2	17.4 26.0



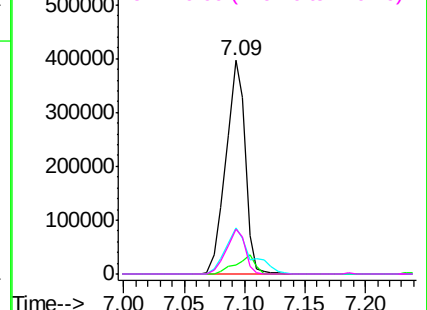
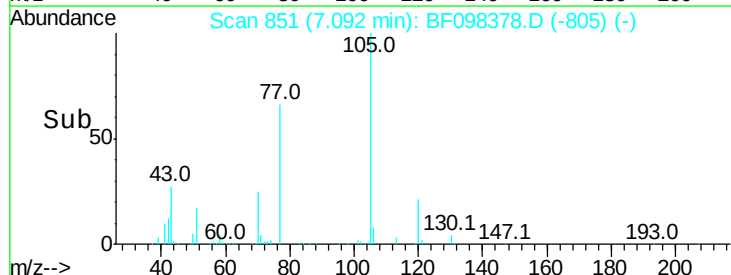
Abundance

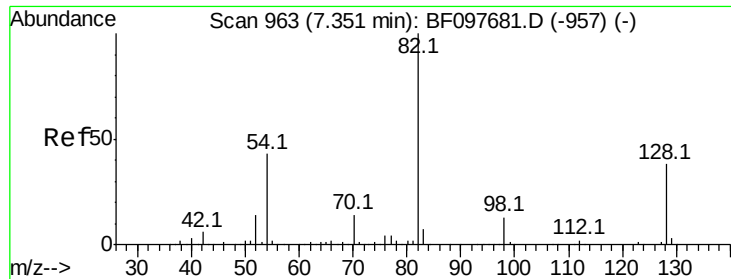
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

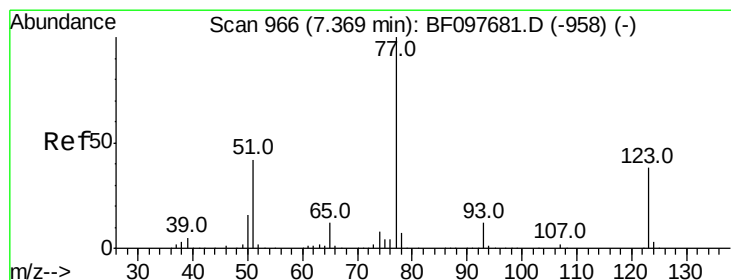
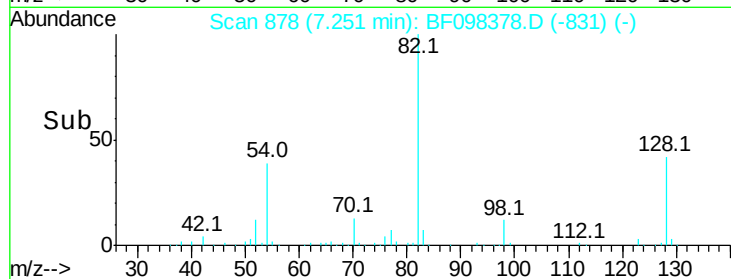
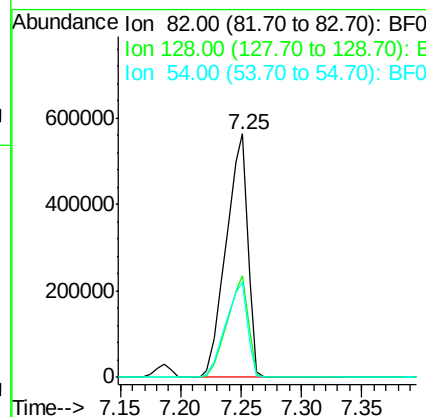
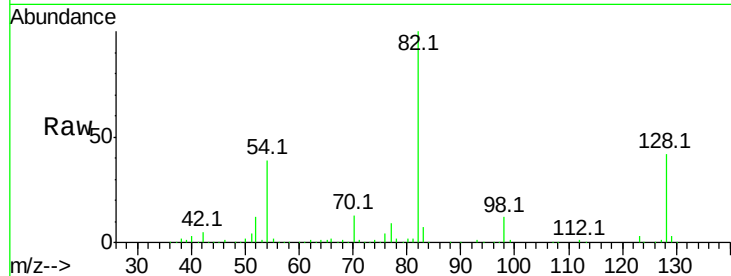




#23
 Nitrobenzene-d5
 Concen: 89.379 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

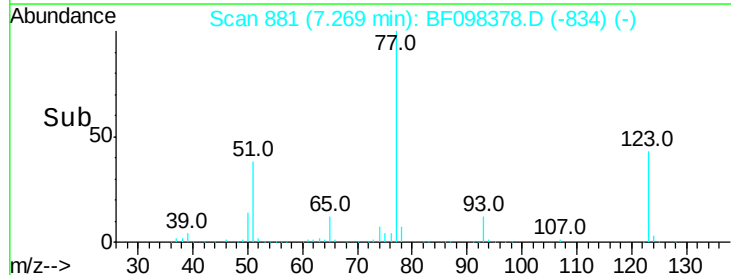
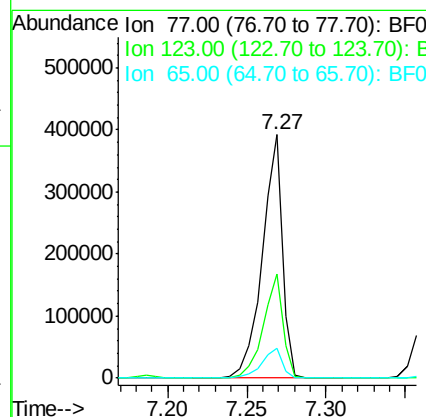
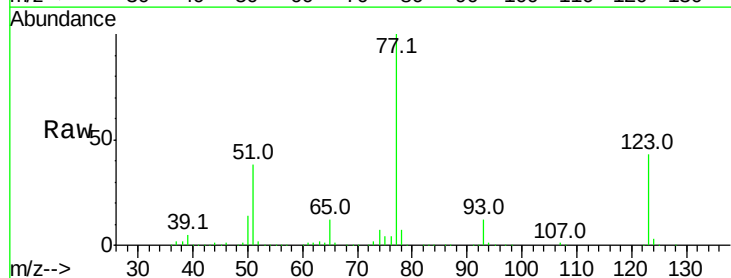
Instrument :
 BNA_F
 ClientSampleId :

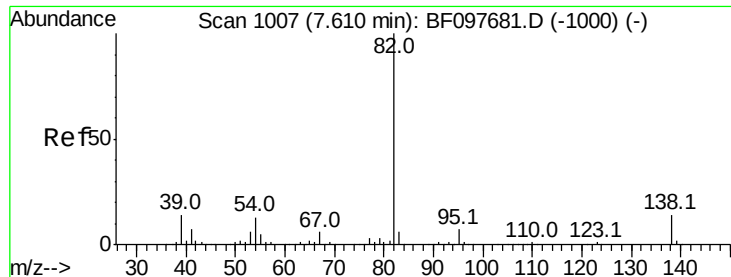
Tot Ion: 82 Resp: 695249
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.0 51.0
 54 39.2 42.2 63.2#



#24
 Nitrobenzene
 Concen: 40.143 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion: 77 Resp: 347683
 Ion Ratio Lower Upper
 77 100
 123 42.7 35.8 53.8
 65 12.1 10.6 15.8





#25

Isophorone

Concen: 39.917 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampleId :

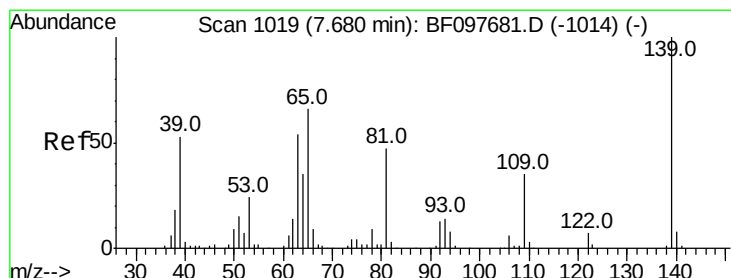
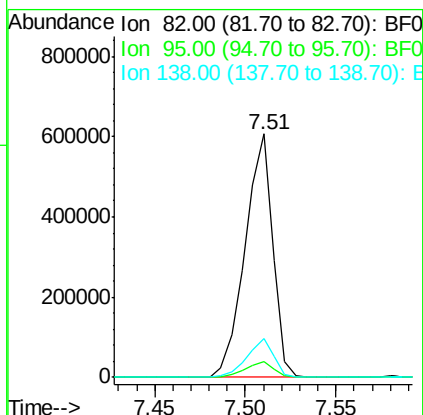
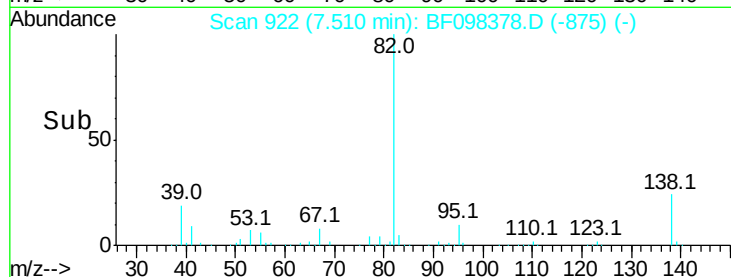
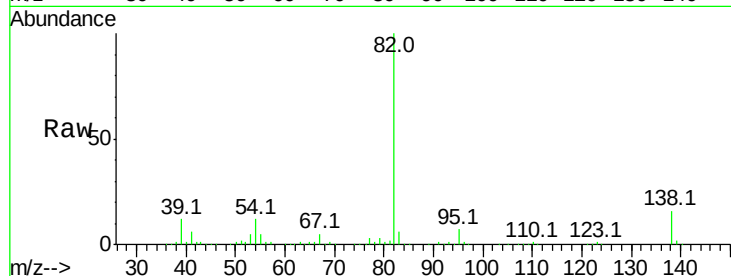
Tot Ion: 82 Resp: 645645

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 15.7 13.1 19.7



#26

2-Nitrophenol

Concen: 49.724 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

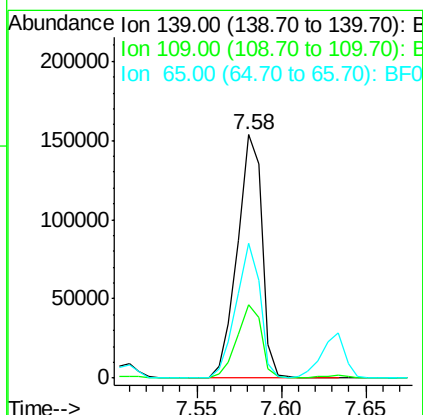
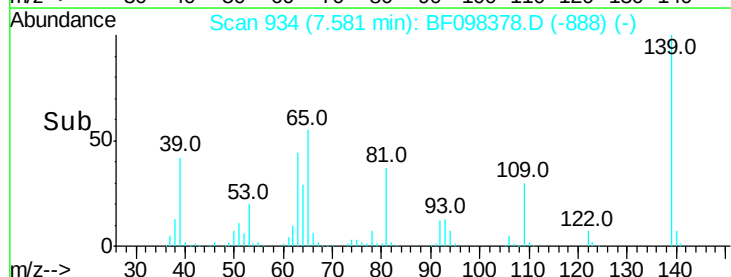
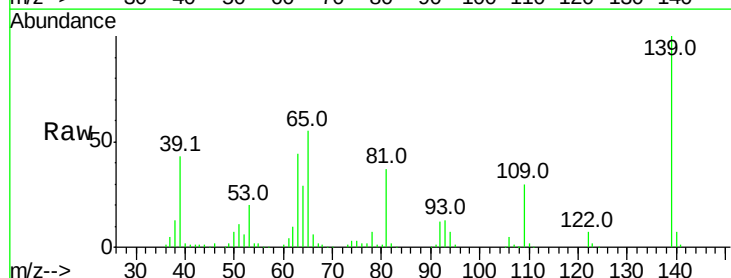
Tgt Ion: 139 Resp: 156692

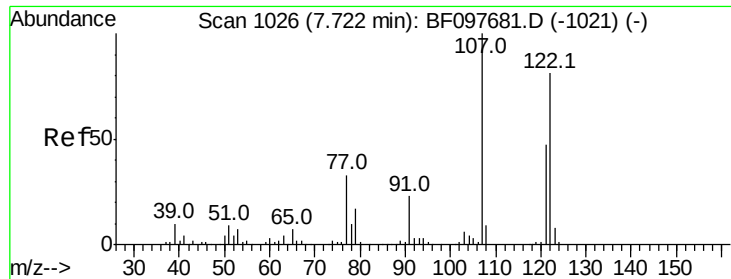
Ion Ratio Lower Upper

139 100

109 30.3 21.0 31.6

65 55.3 33.0 49.6#

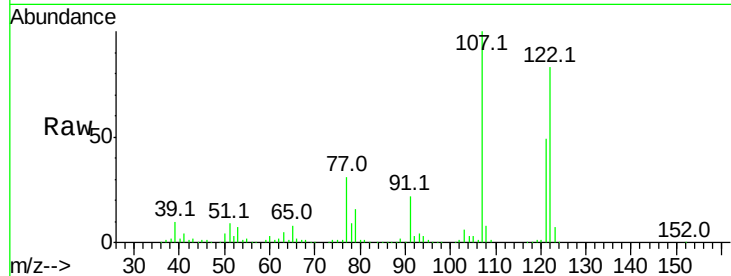




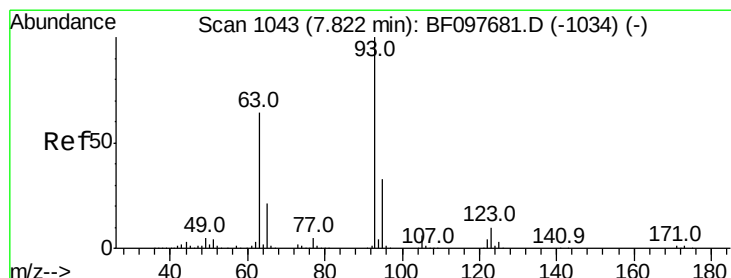
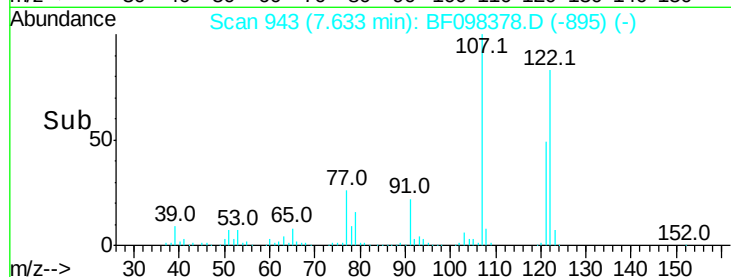
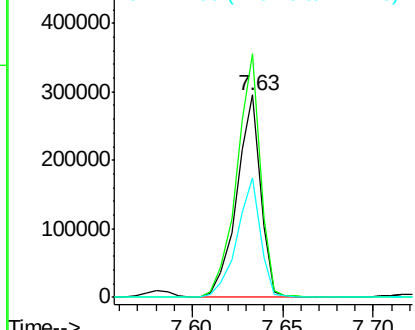
#27
 2,4-Dimethylphenol
 Concen: 40.112 ng
 RT: 7.63 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 270583
 Ion Ratio Lower Upper
 122 100
 107 120.5 89.2 133.8
 121 59.3 45.2 67.8

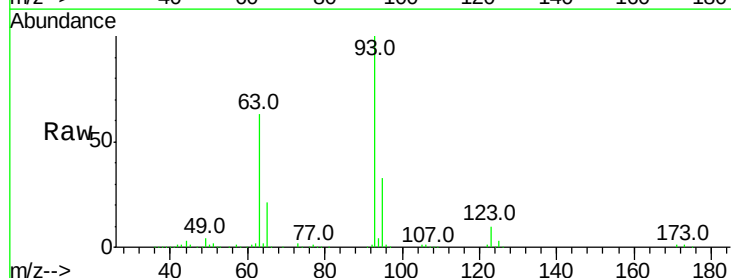


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

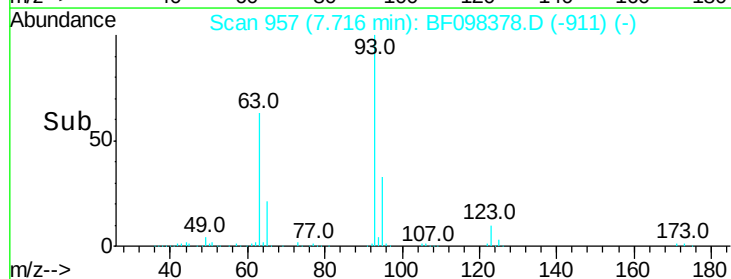
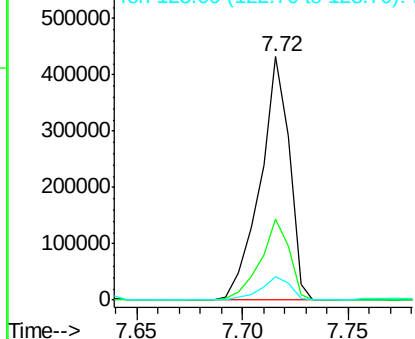


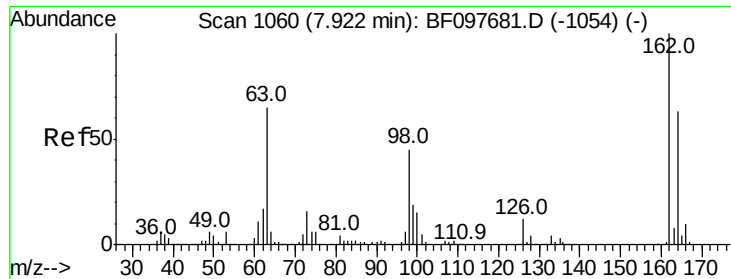
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.063 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion: 93 Resp: 415390
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.5 39.7
 123 9.6 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

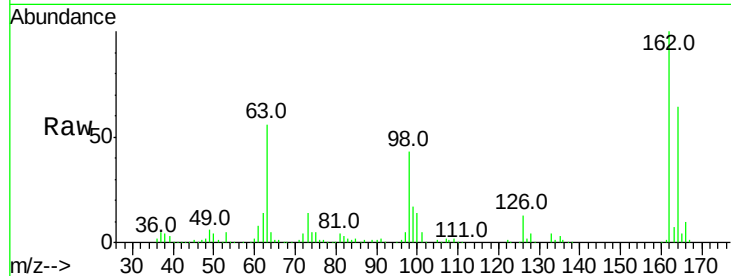




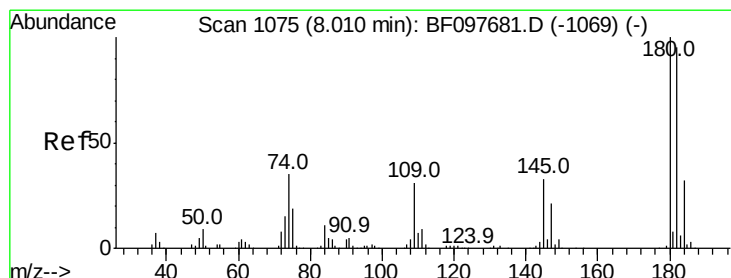
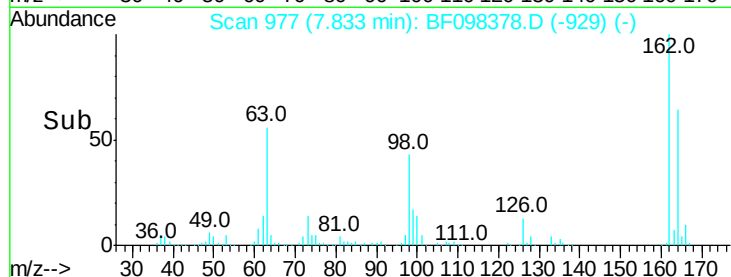
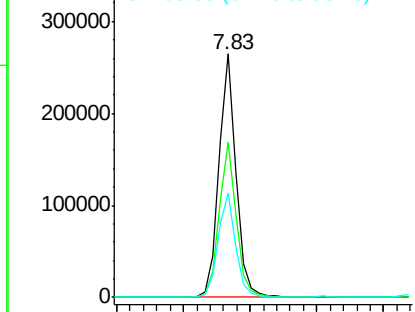
#29
 2,4-Dichlorophenol
 Concen: 42.990 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	42.8	14.8	54.8

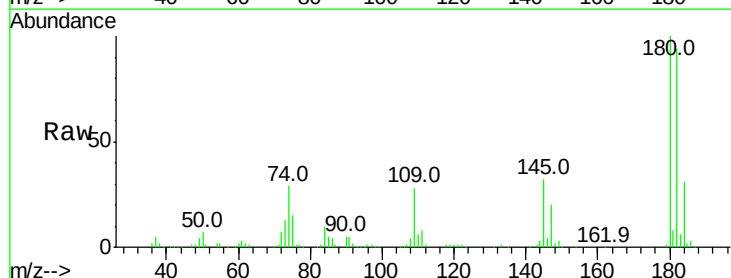


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

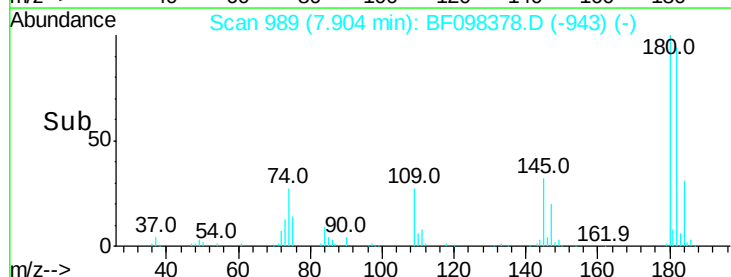
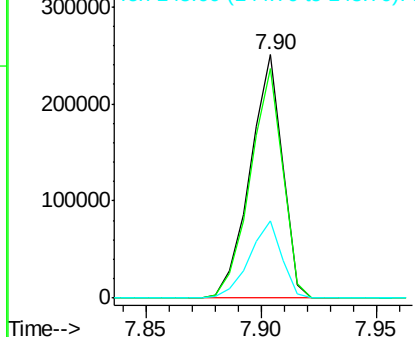


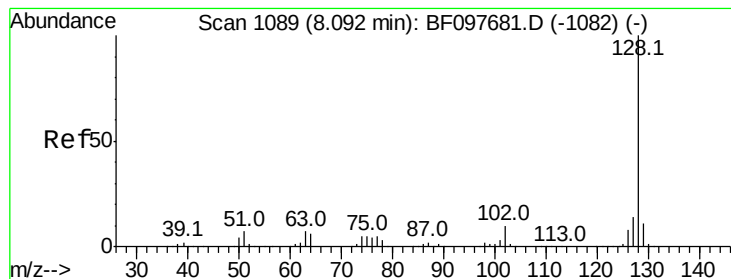
#30
 1,2,4-Trichlorobenzene
 Concen: 39.469 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	31.9	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: 38.633 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampleId :

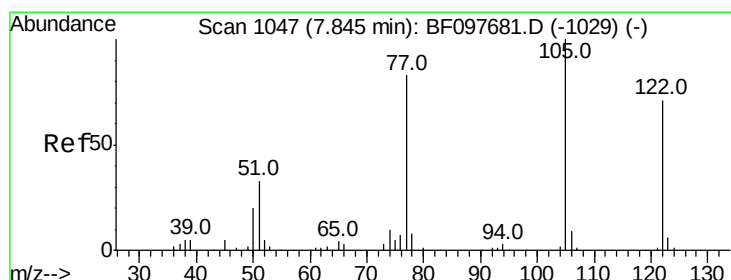
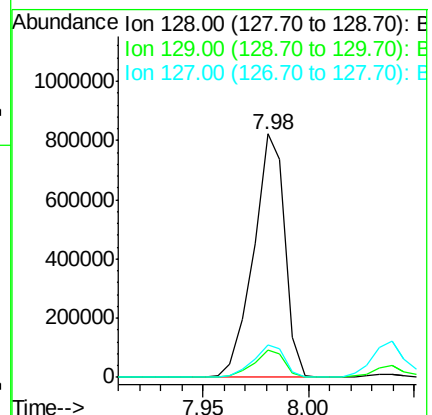
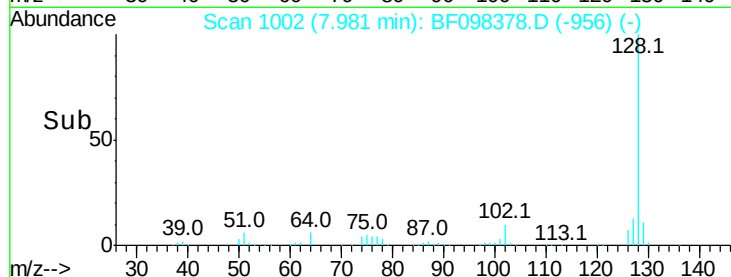
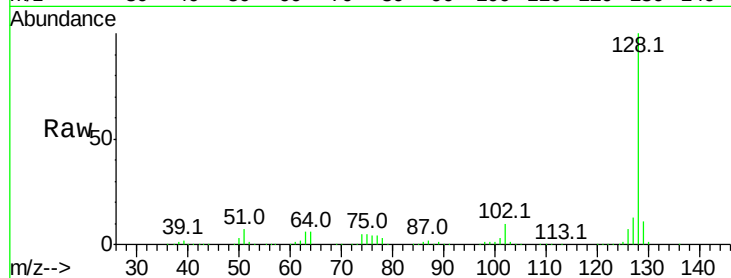
Tot Ion:128 Resp: 847522

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 36.684 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

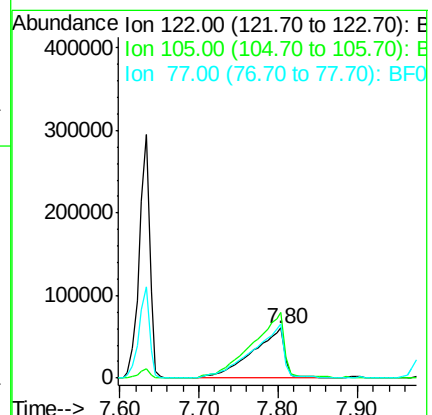
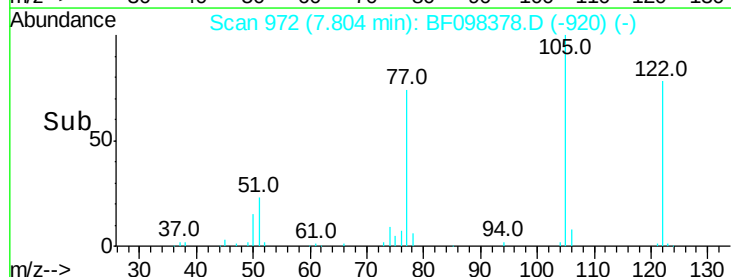
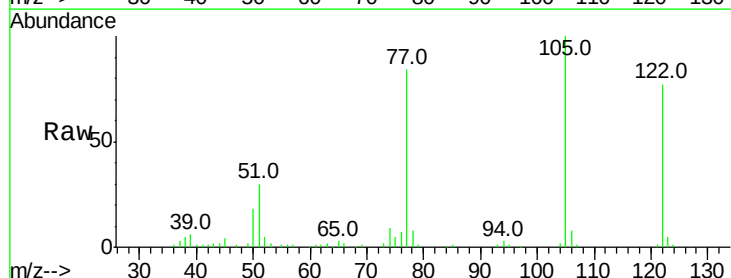
Tgt Ion:122 Resp: 171735

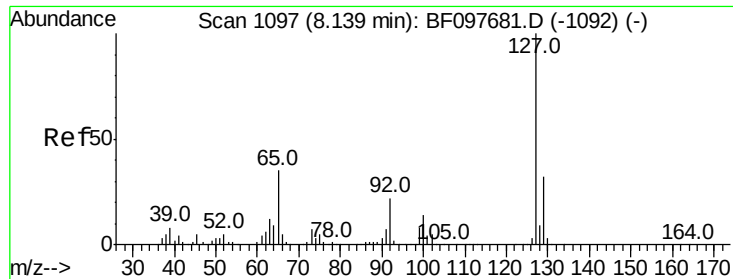
Ion Ratio Lower Upper

122 100

105 129.6 103.3 143.3

77 108.5 73.7 113.7

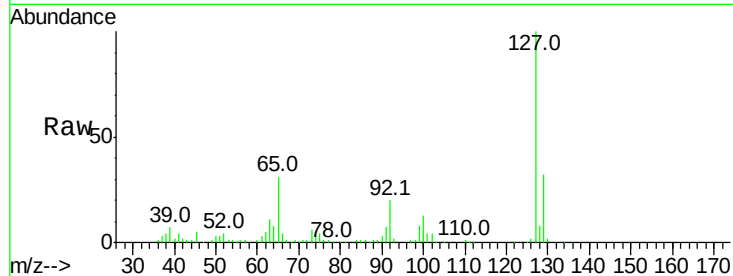




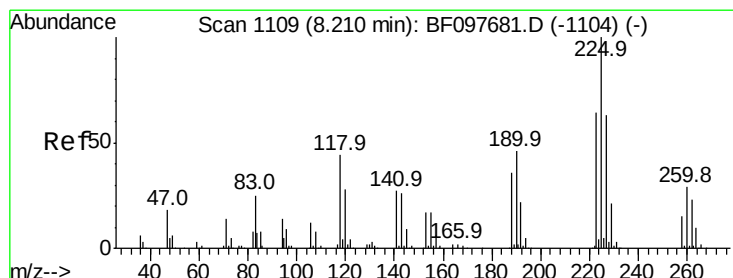
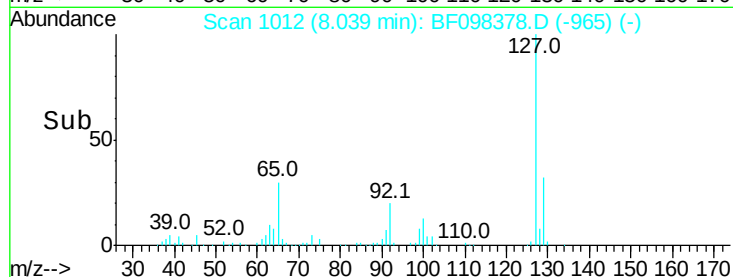
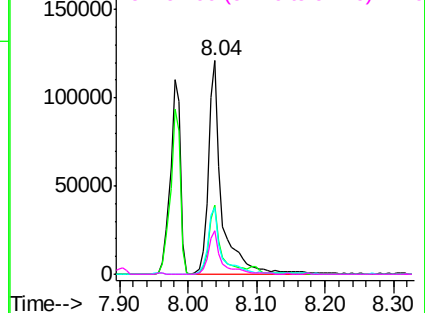
#33
4-Chloroaniline
Concen: 17.810 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	164778
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	31.4	27.8	41.8
92	20.4	16.8	25.2

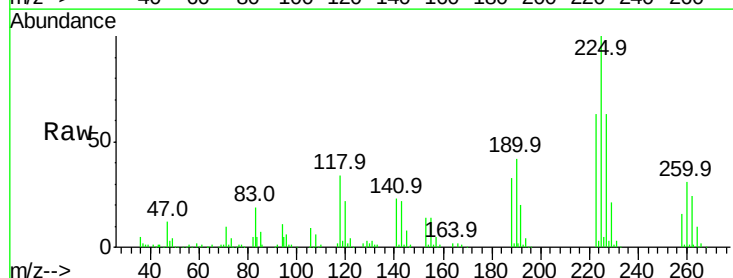


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

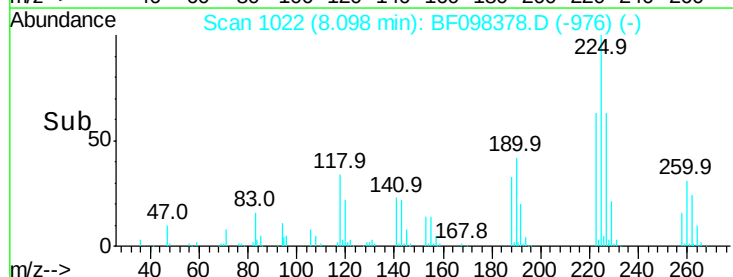
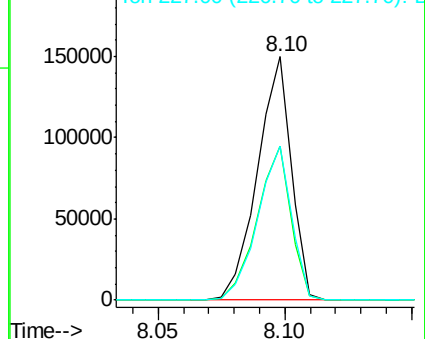


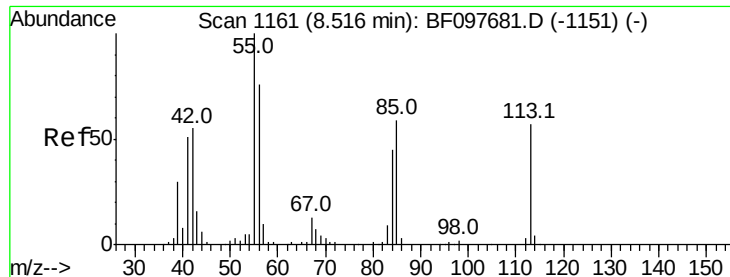
#34
Hexachlorobutadiene
Concen: 38.681 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion:	225	Resp:	140194
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.8	73.2
227	63.0	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: 35.186 ng

RT: 8.45 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampleId :

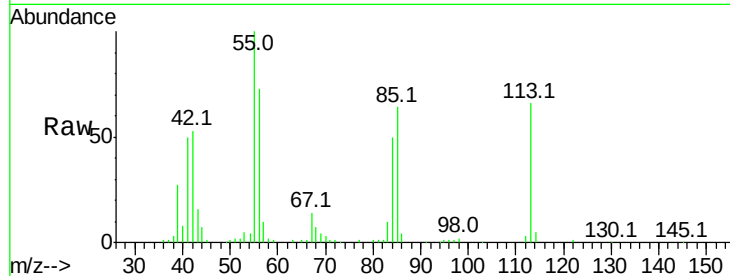
Tot Ion:113 Resp: 66982

Ion Ratio Lower Upper

113 100

55 152.3 150.2 190.2

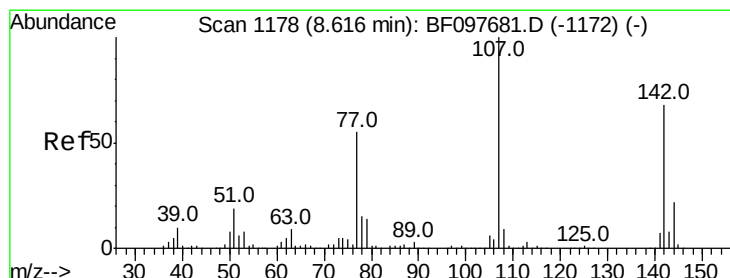
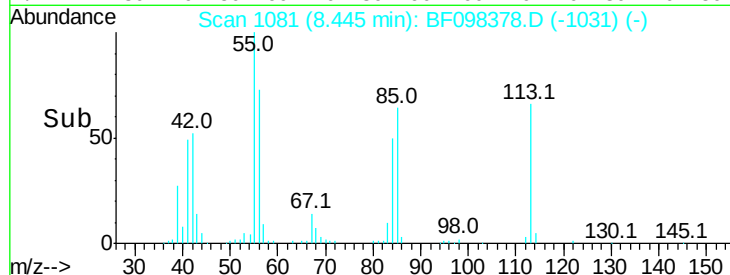
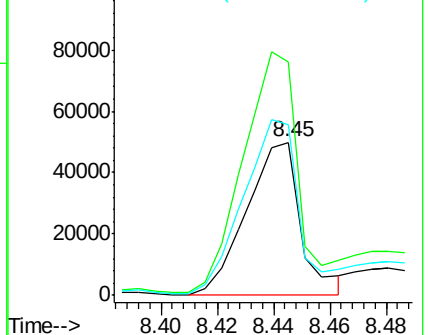
56 111.3 107.8 147.8



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: 40.201 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

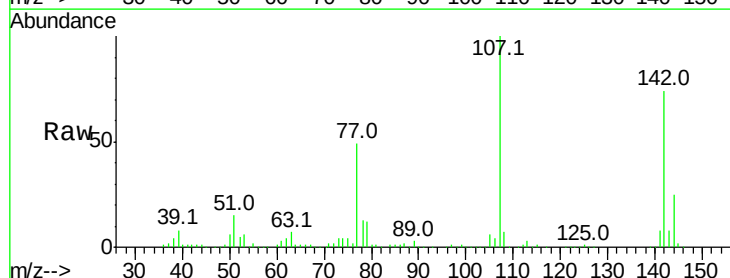
Tgt Ion:107 Resp: 289223

Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

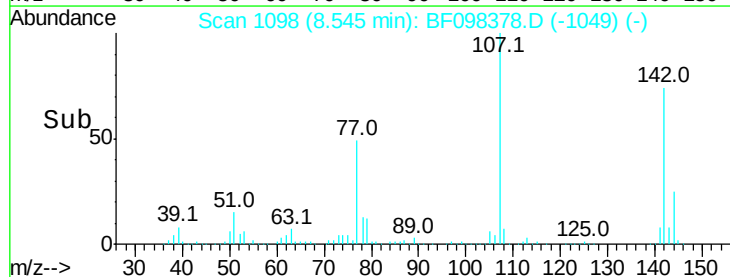
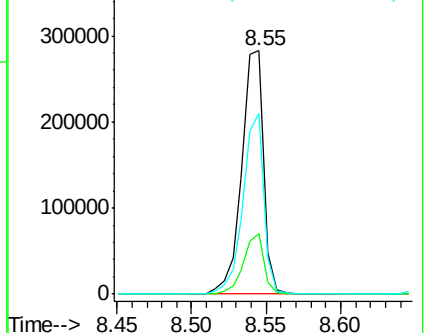
142 74.3 73.4 110.0

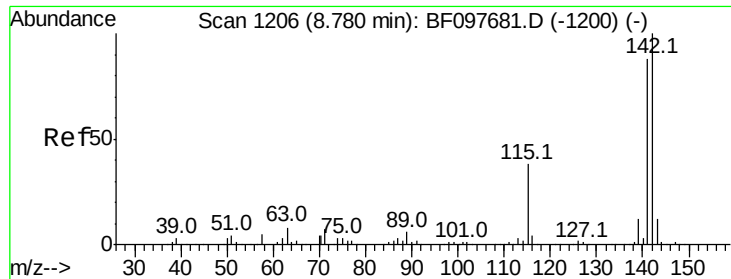


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

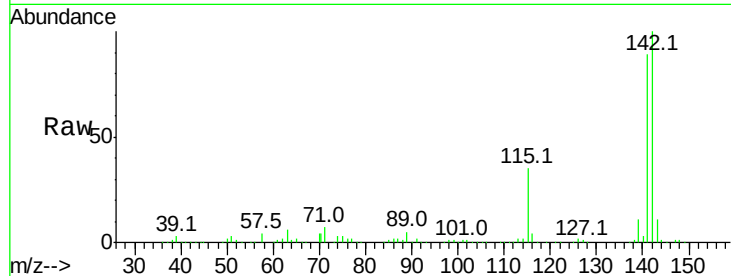




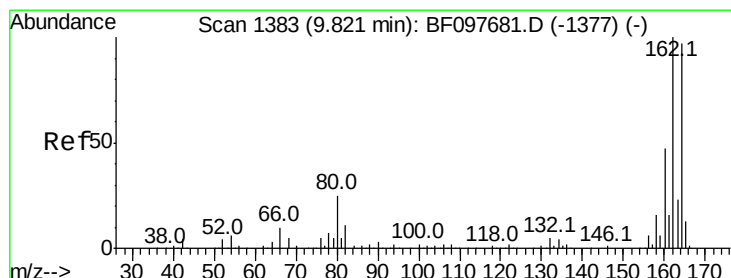
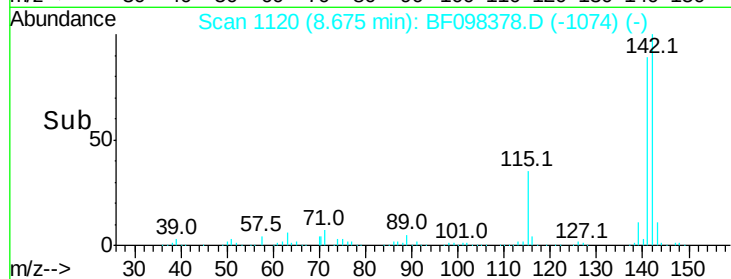
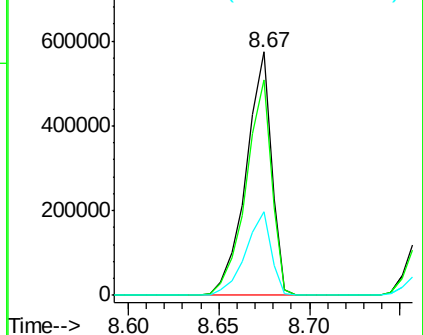
#37
 2-Methylnaphthalene
 Concen: 41.839 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	34.6	27.1	40.7

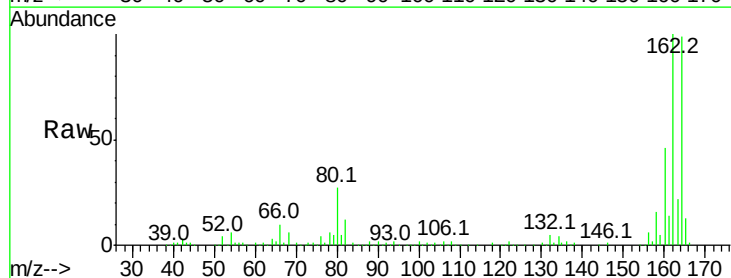


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

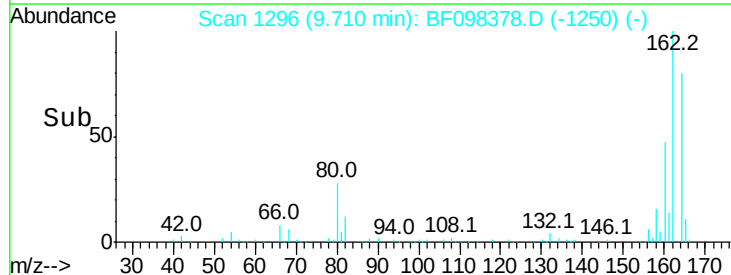
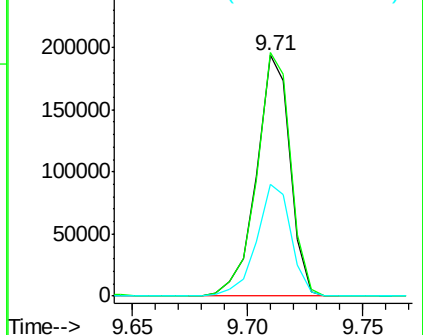


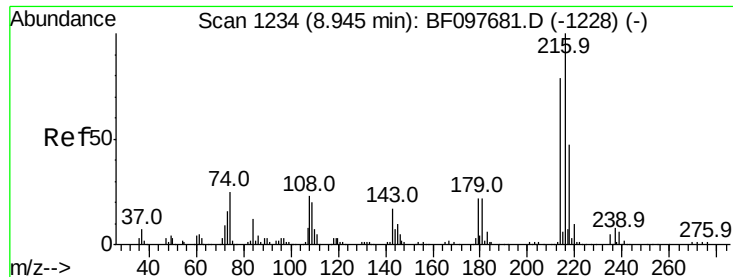
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	46.3	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

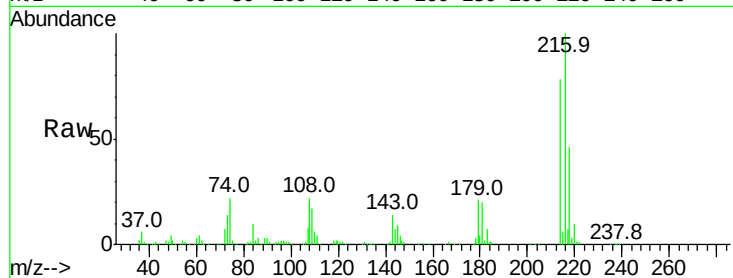




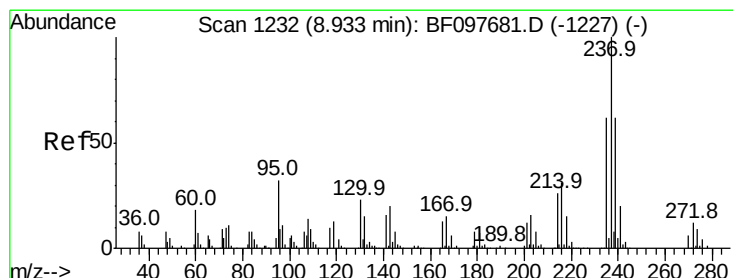
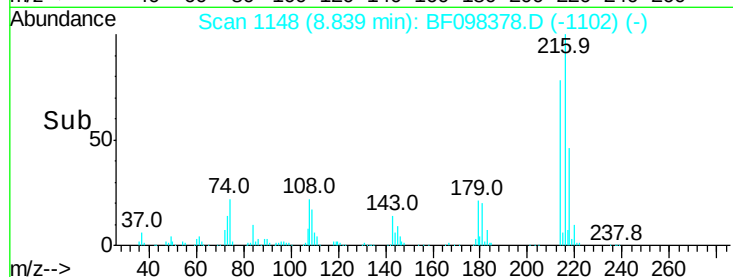
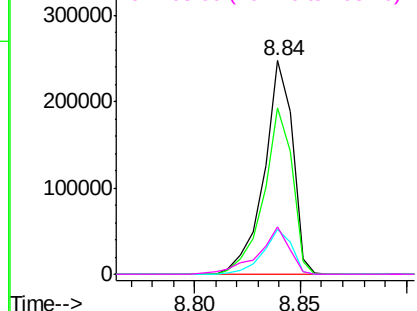
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.551 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	232527
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.2
179	21.2	17.9	26.9
108	24.4	16.5	24.7

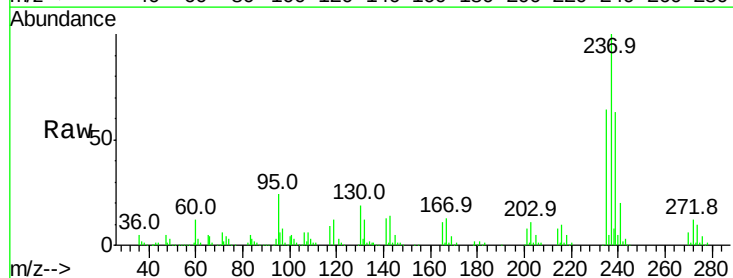


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

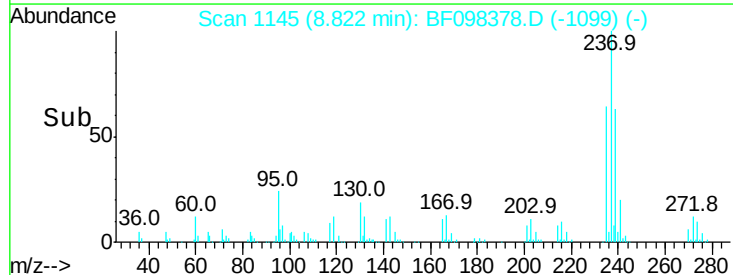
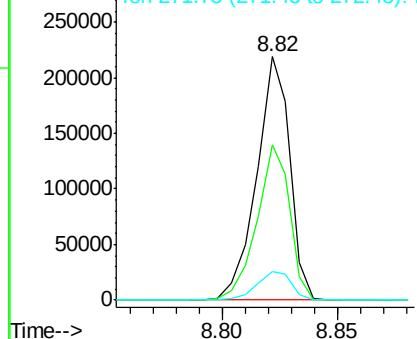


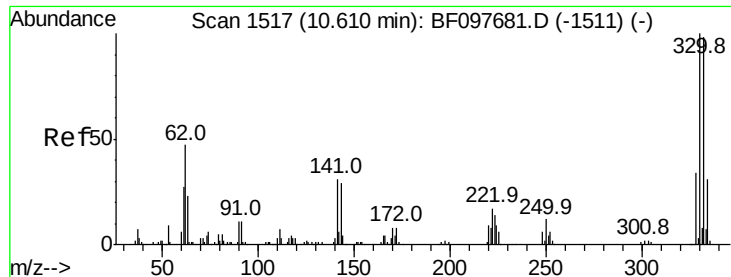
#40
 Hexachlorocyclopentadiene
 Concen: 75.349 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion:	237	Resp:	218333
Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.6	82.6
272	11.6	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

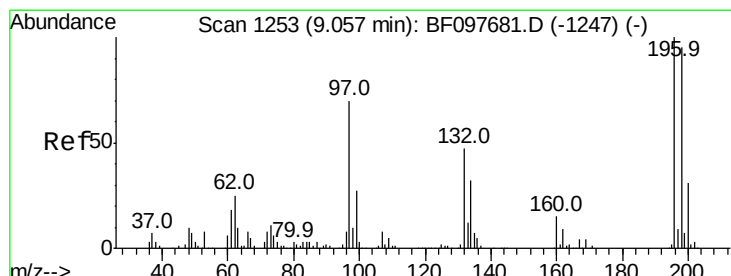
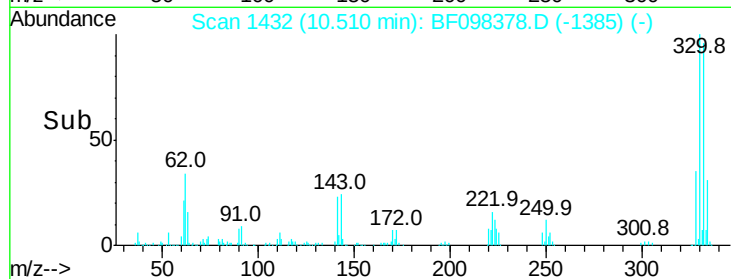
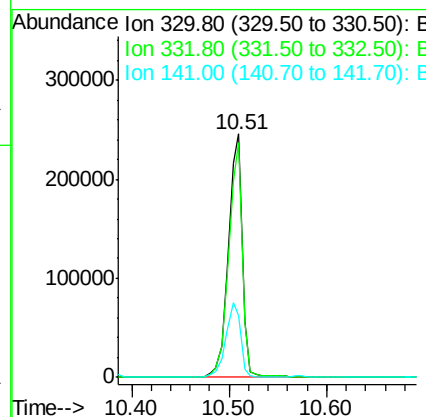
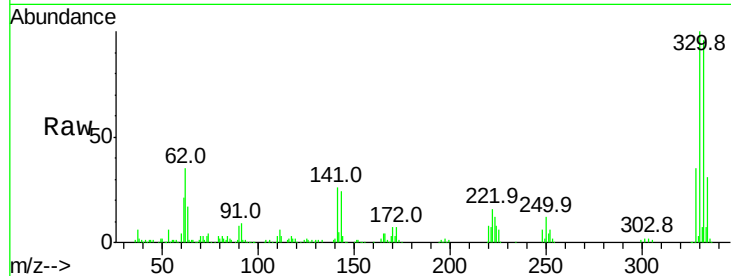




#41
 2,4,6-Tribromophenol
 Concen: 143.055 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

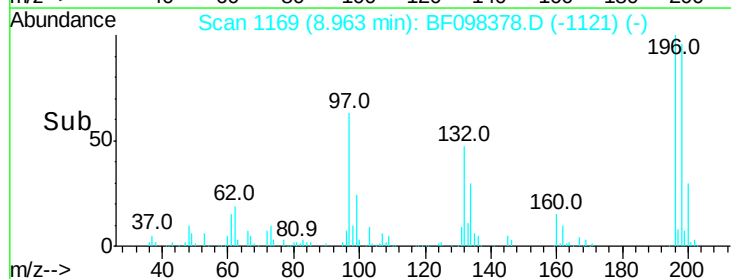
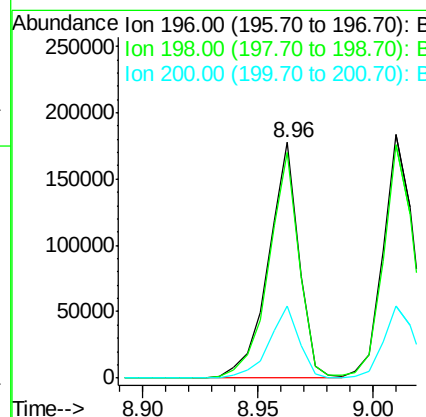
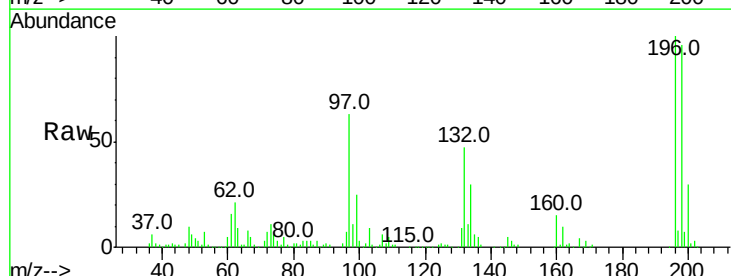
Instrument :
 BNA_F
 ClientSampleId :

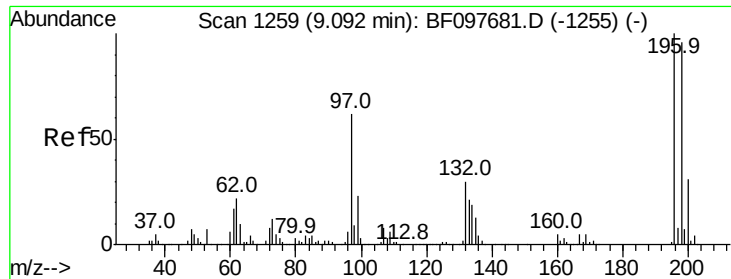
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	115.0
141	32.8	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.217 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.2	111.4
200	30.4	24.0	36.0

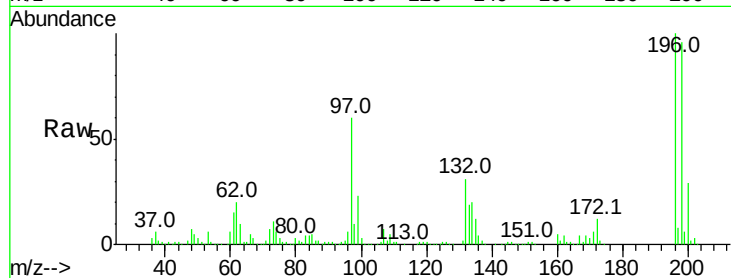




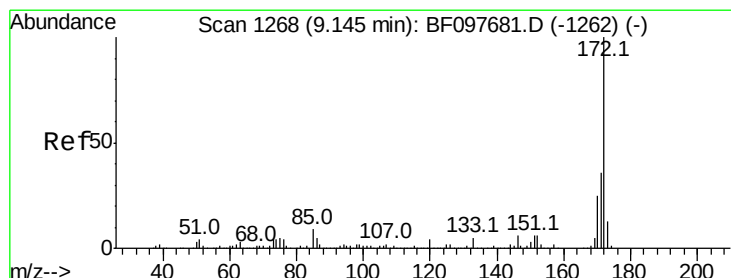
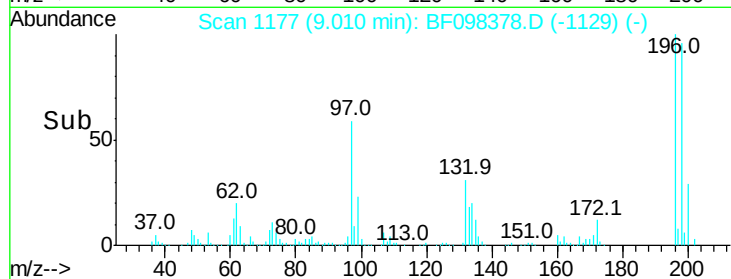
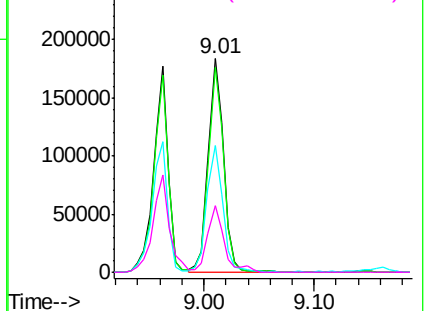
#43
 2,4,5-Trichlorophenol
 Concen: 42.841 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 172106
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 97 59.5 47.7 71.5
 132 31.0 28.0 42.0

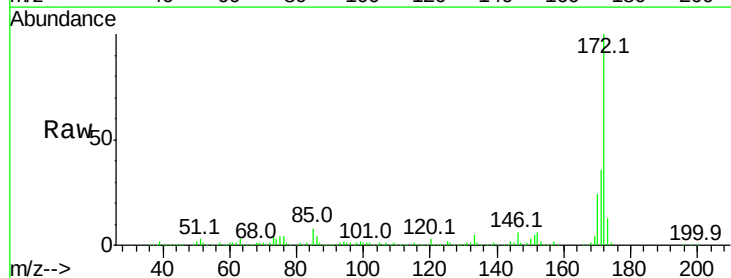


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

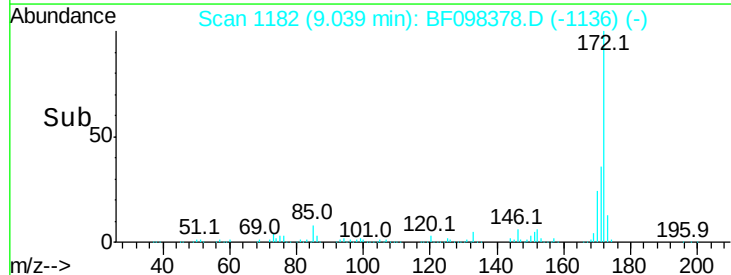
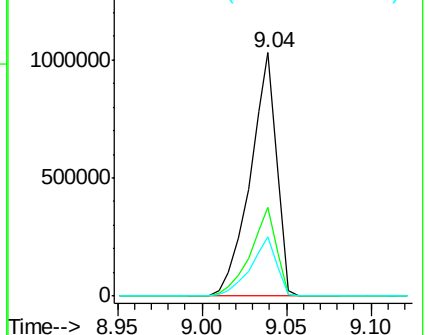


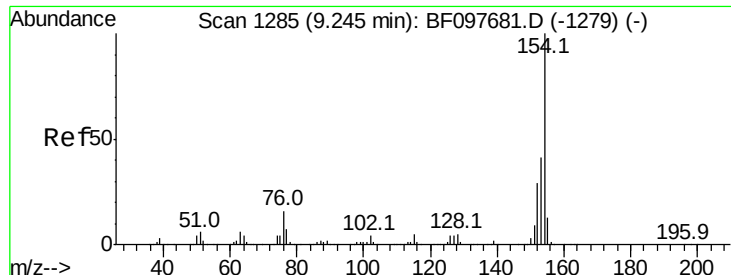
#44
 2-Fluorobiphenyl
 Concen: 83.678 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion:172 Resp: 1119362
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.2 19.8 29.8



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

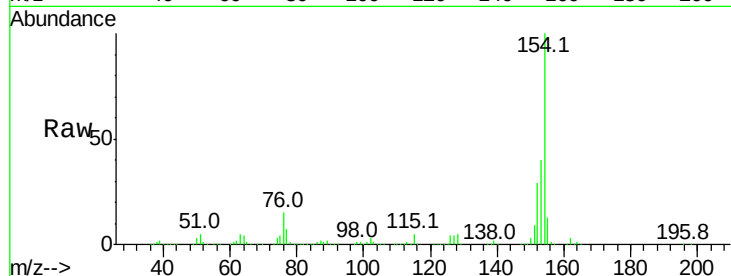




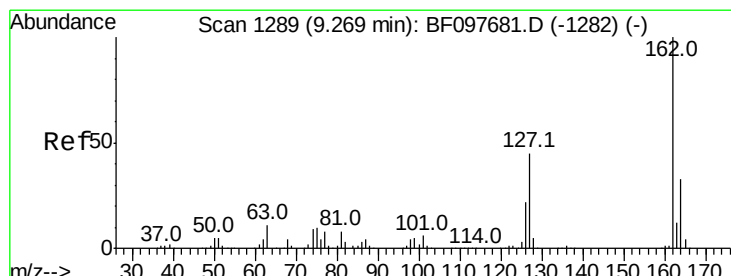
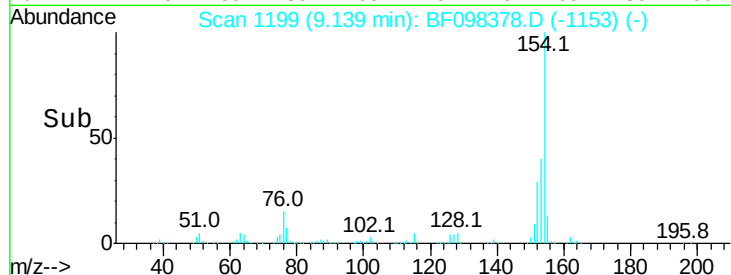
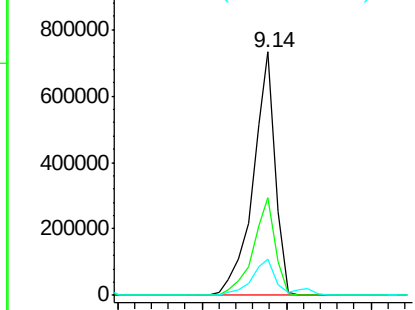
#45
 1,1'-Biphenyl
 Concen: 37.231 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.2	61.2
76	14.9	0.0	29.9

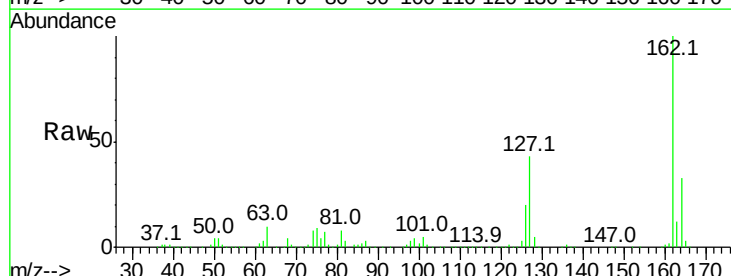


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

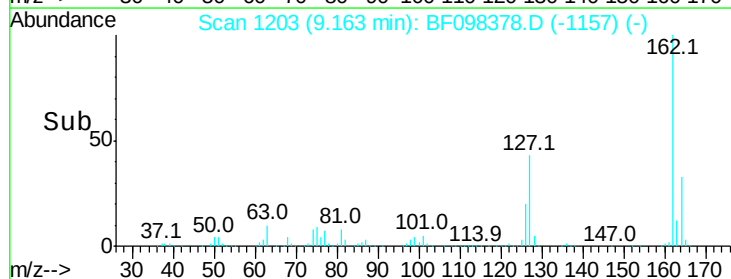
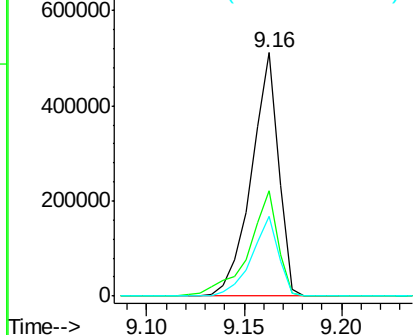


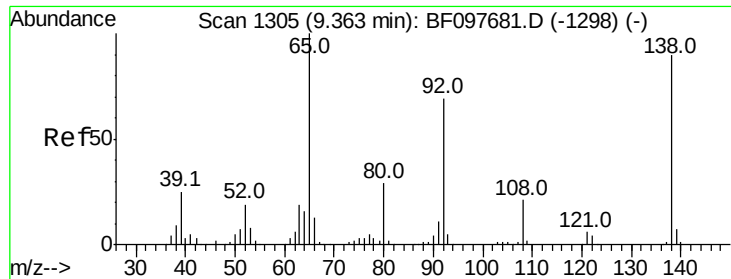
#46
 2-Chloronaphthalene
 Concen: 37.162 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.4	28.3	42.5#
164	33.0	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

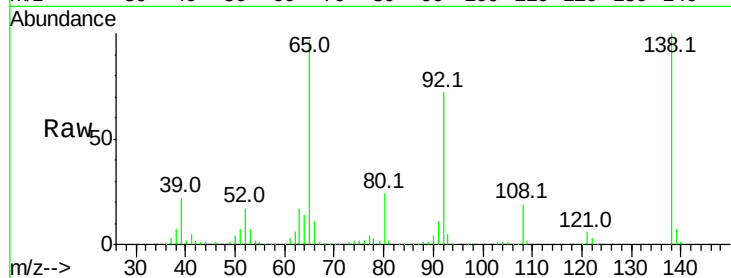




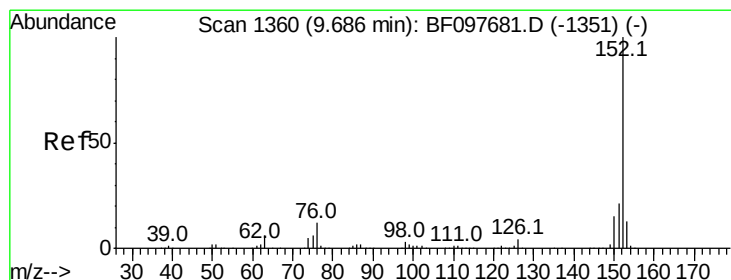
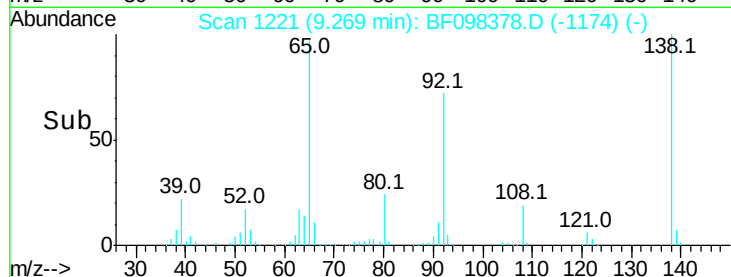
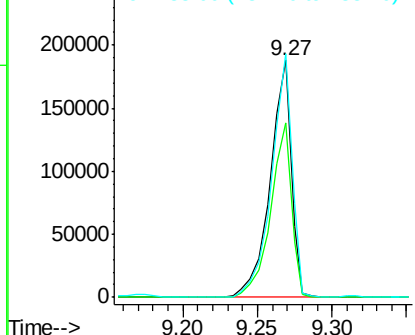
#47
 2-Nitroaniline
 Concen: 41.460 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 184056
 Ion Ratio Lower Upper
 65 100
 92 74.0 53.9 80.9
 138 102.9 78.8 118.2

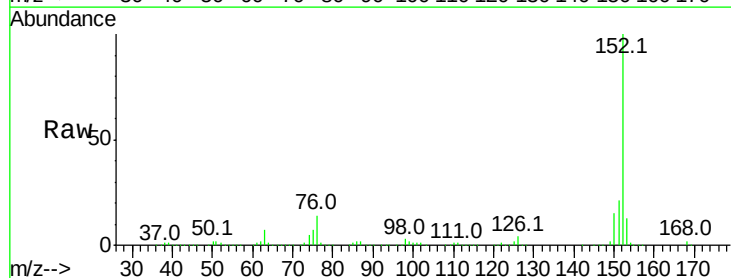


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

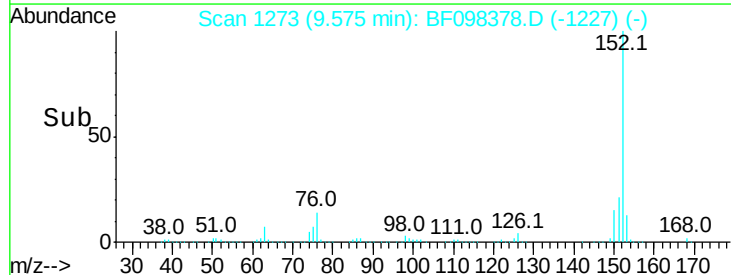
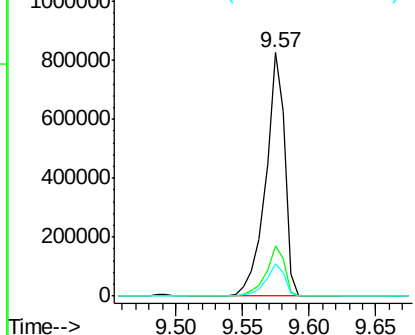


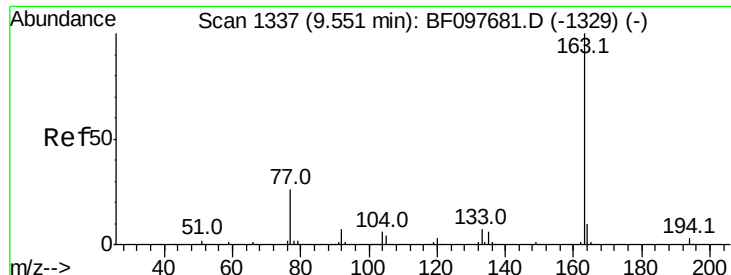
#48
 Acenaphthylene
 Concen: 38.978 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion:152 Resp: 810551
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.5 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

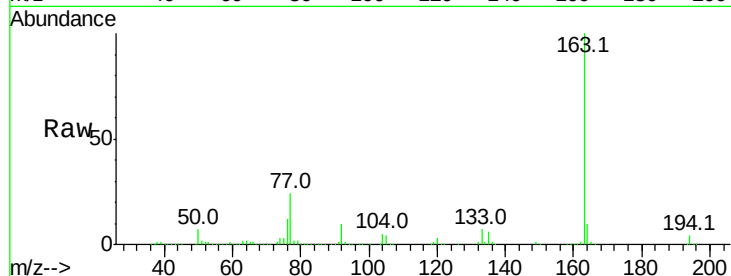




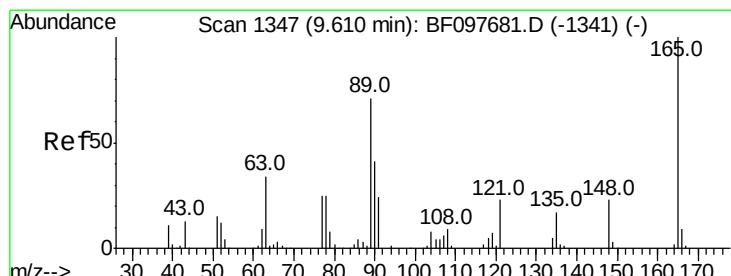
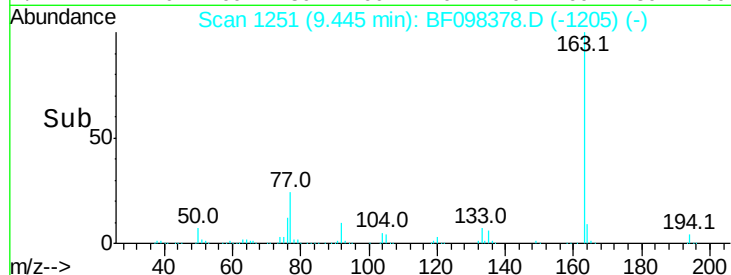
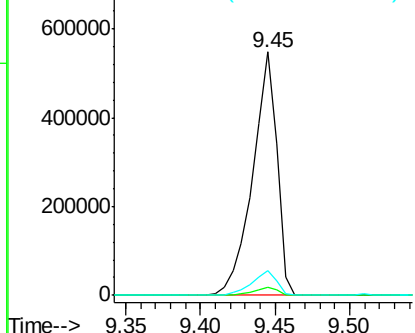
#49
 Dimethylphthalate
 Concen: 42.528 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 610970
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.2 8.4 12.6

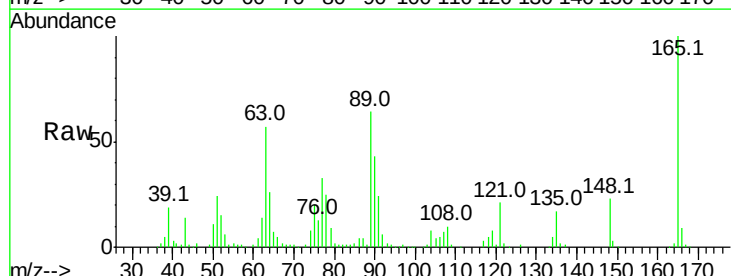


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

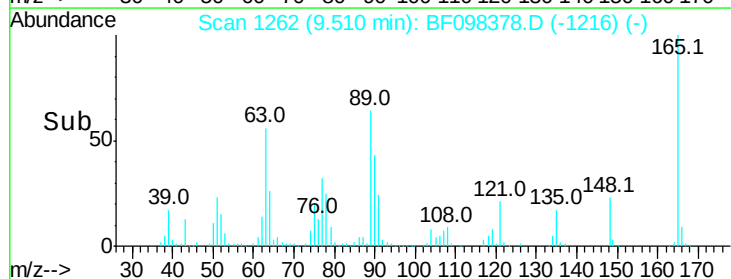
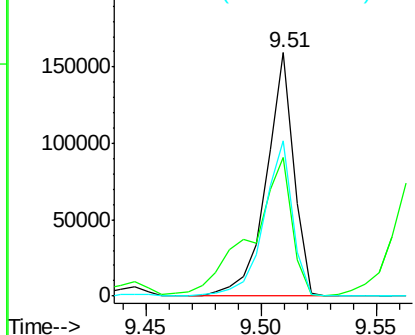


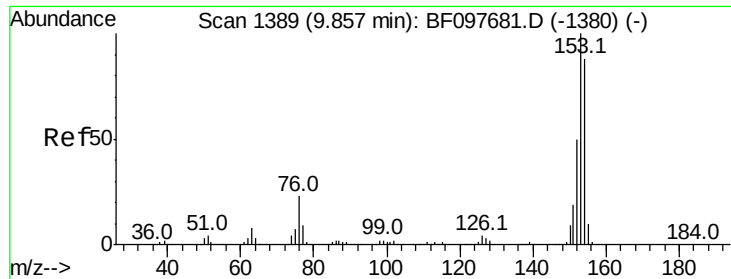
#50
 2,6-Dinitrotoluene
 Concen: 46.004 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion:165 Resp: 131921
 Ion Ratio Lower Upper
 165 100
 63 57.1 34.3 51.5#
 89 63.8 37.1 55.7#



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





#51

Acenaphthene

Concen: 36.539 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampleId :

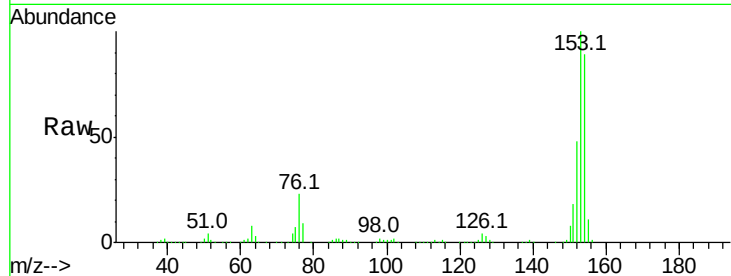
Tot Ion:154 Resp: 479217

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

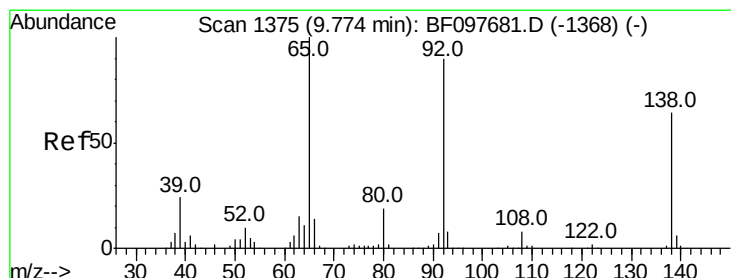
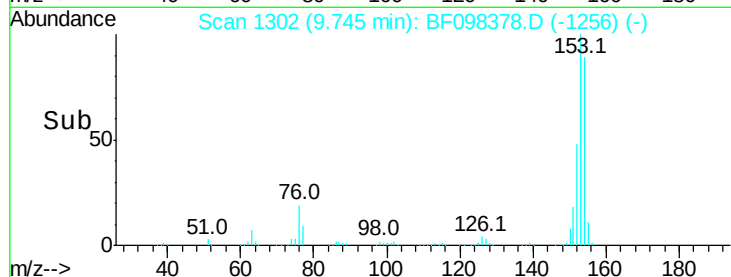
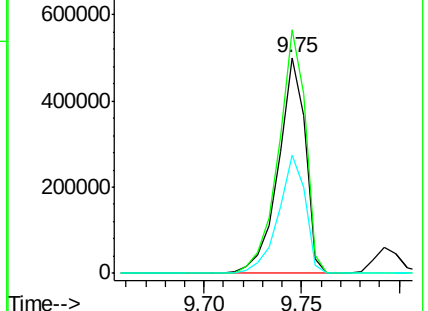
152 54.7 43.6 65.4



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: 32.061 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

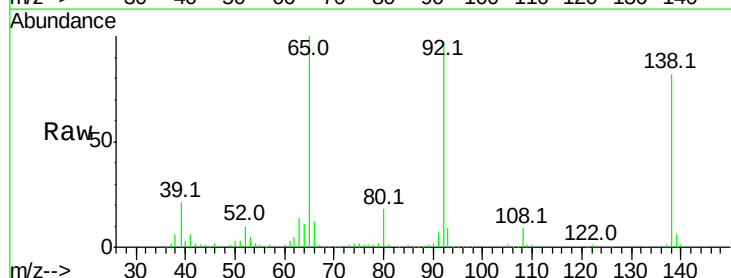
Tgt Ion:138 Resp: 118619

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

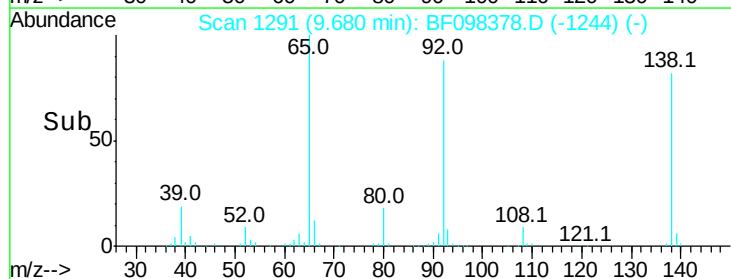
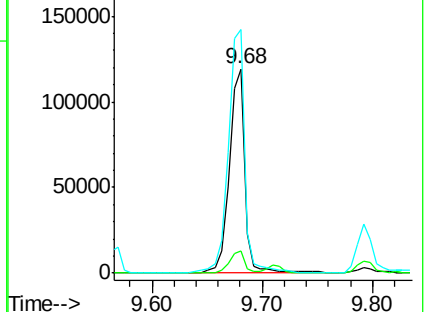
92 119.2 93.8 140.6

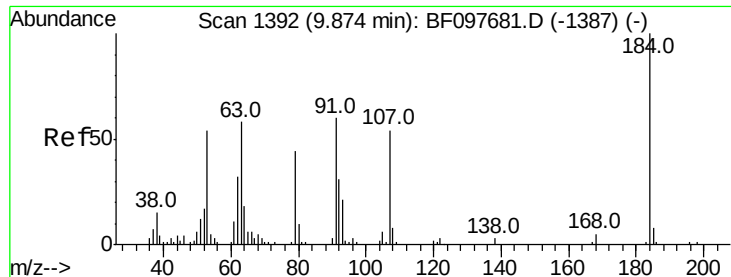


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

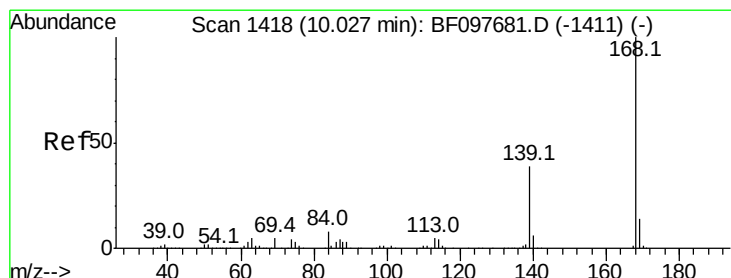
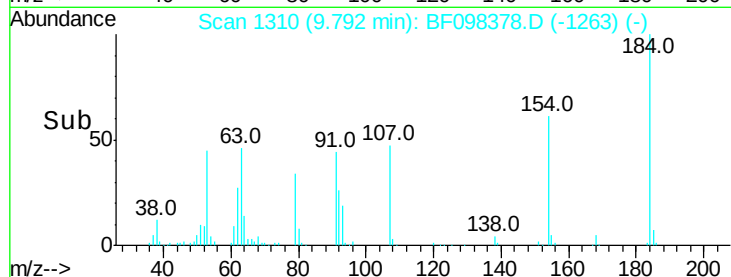
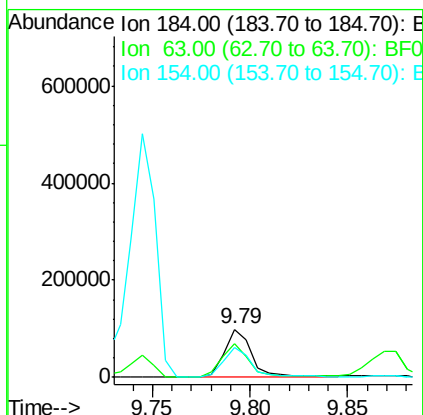
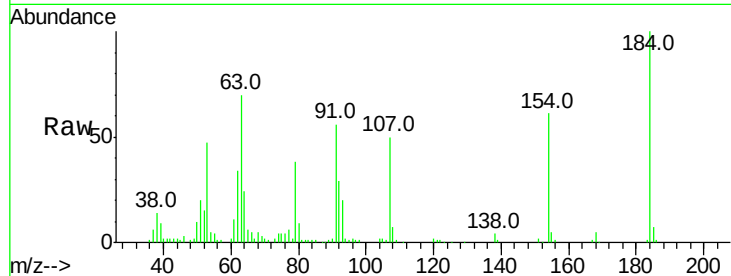




#53
2,4-Dinitrophenol
Concen: 74.715 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

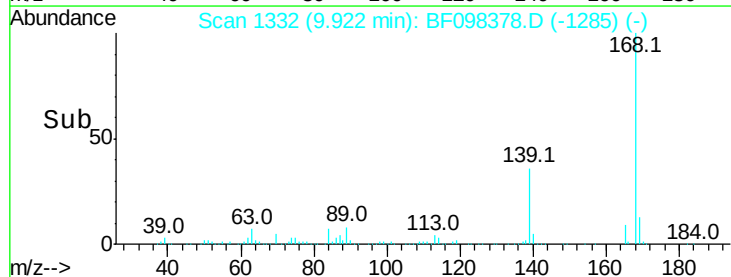
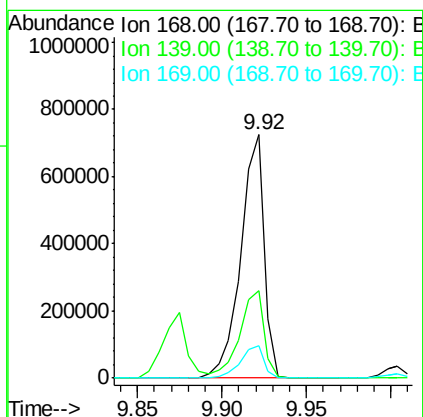
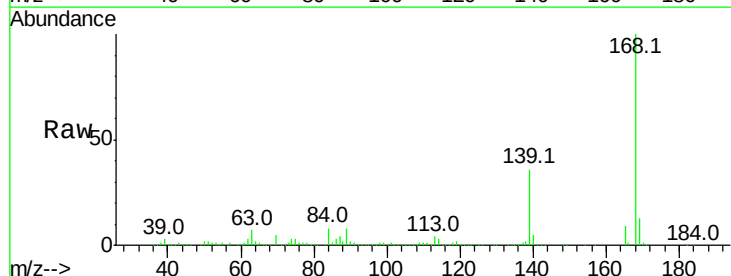
Instrument :
BNA_F
ClientSampled :

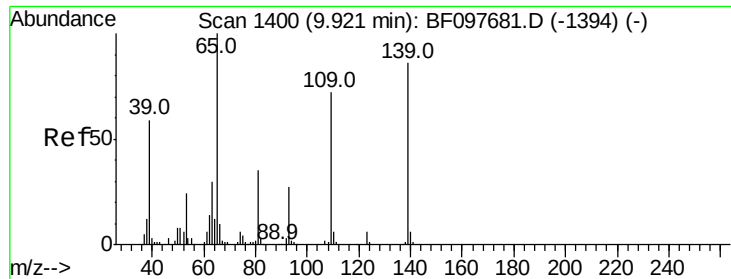
Tot Ion:184 Resp: 100871
Ion Ratio Lower Upper
184 100
63 70.0 62.7 94.1
154 60.9 81.1 121.7#



#54
Dibenzofuran
Concen: 39.915 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion:168 Resp: 701603
Ion Ratio Lower Upper
168 100
139 35.7 30.6 45.8
169 13.3 10.8 16.2

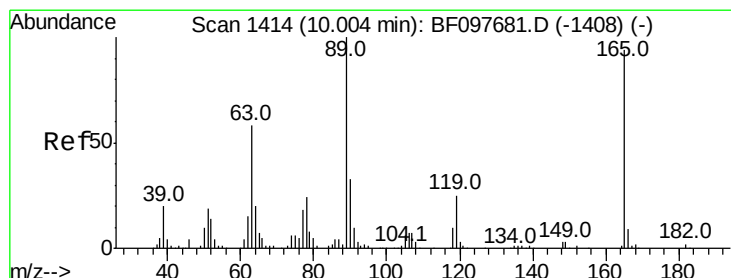
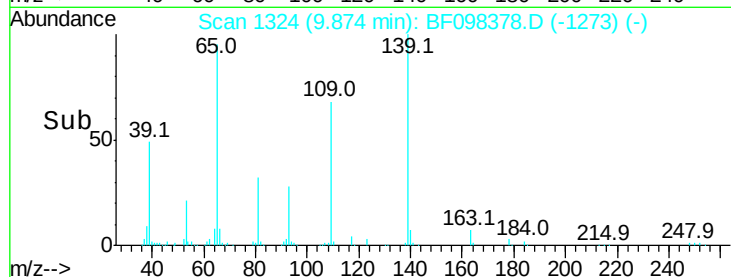
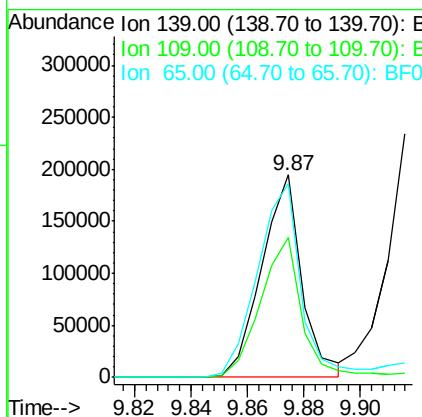
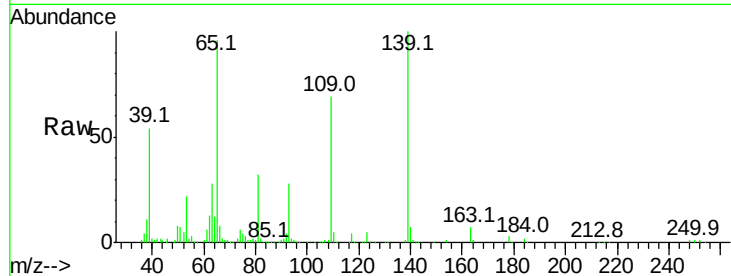




#55
4-Nitrophenol
Concen: 64.891 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

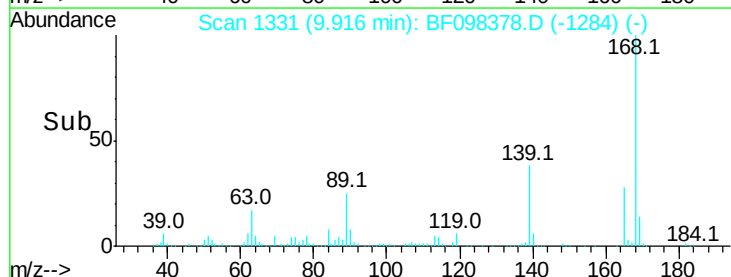
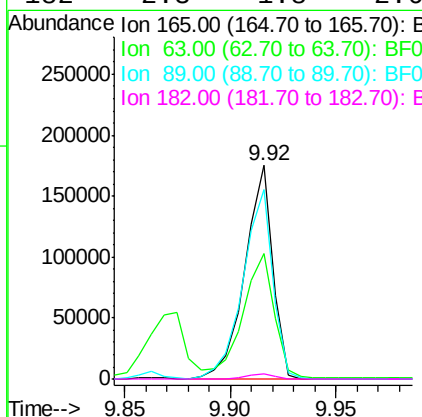
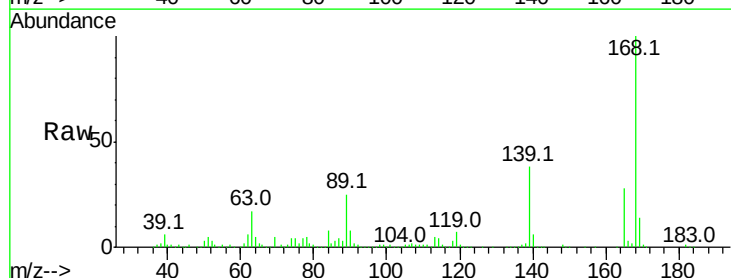
Instrument :
BNA_F
ClientSampled :

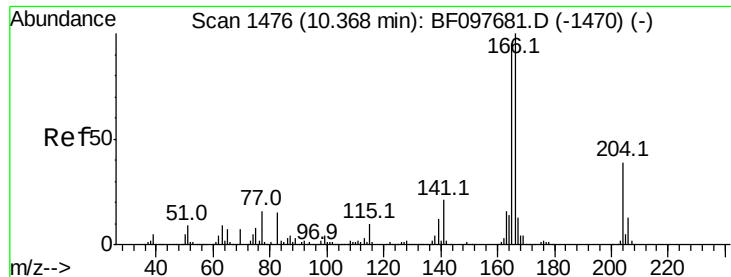
Tot Ion:139 Resp: 191517
Ion Ratio Lower Upper
139 100
109 69.4 34.1 74.1
65 95.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 44.897 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion:165 Resp: 161572
Ion Ratio Lower Upper
165 100
63 59.0 25.4 38.0#
89 88.8 46.4 69.6#
182 2.3 1.8 2.6

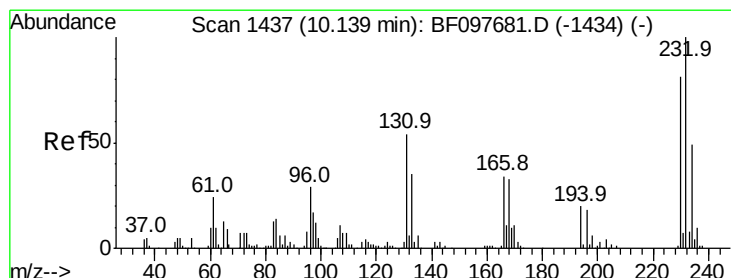
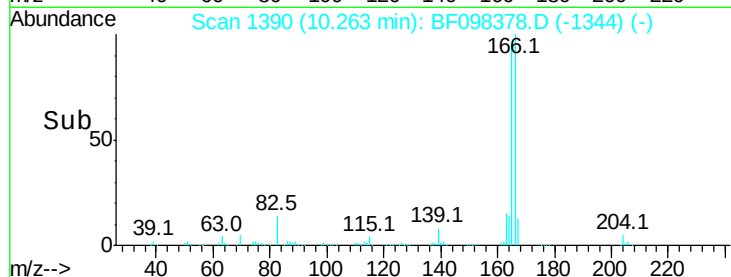
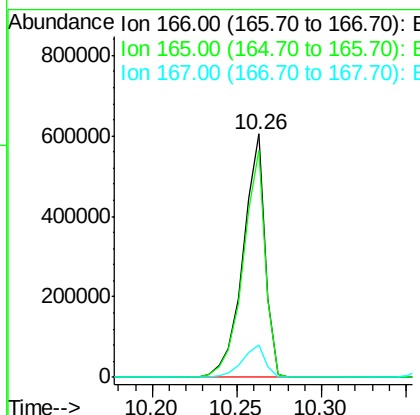
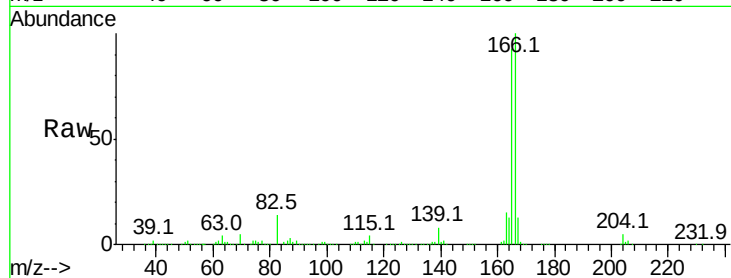




#57
 Fluorene
 Concen: 40.501 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

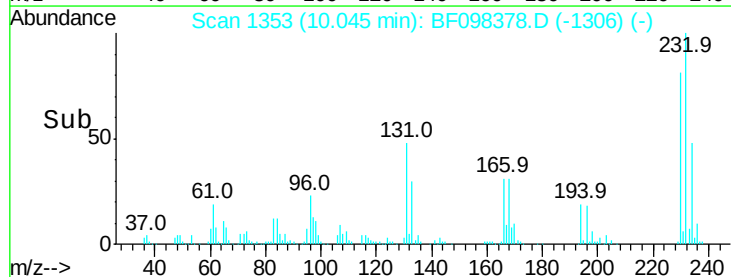
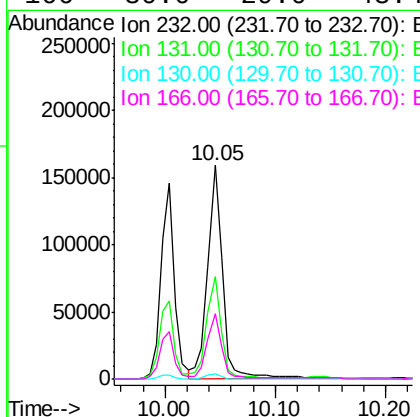
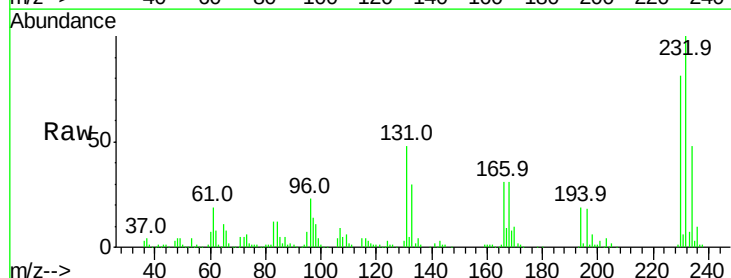
Instrument :
 BNA_F
 ClientSampleId :

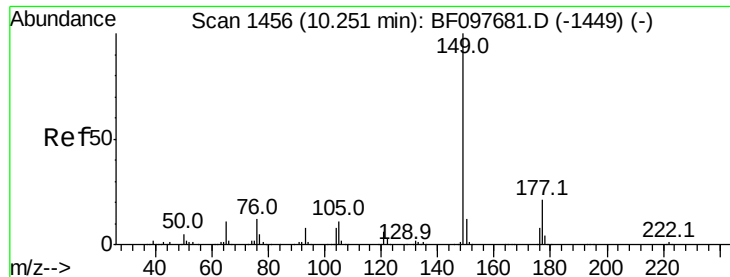
Tot Ion	Ratio	Lower	Upper
166	100		
165	93.4	78.8	118.2
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.784 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.2	44.8	67.2
130	2.5	2.3	3.5
166	30.0	29.0	43.4

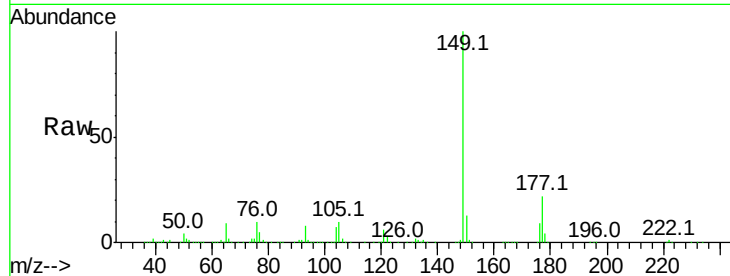




#59
Diethylphthalate
Concen: 42.426 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :

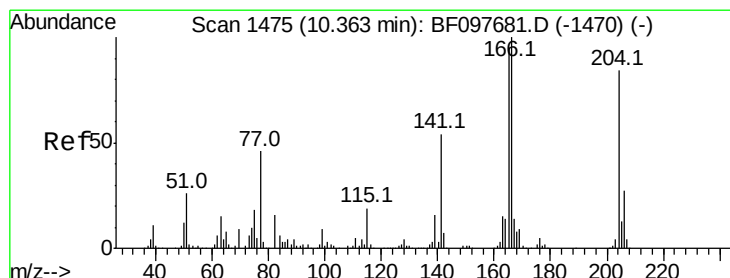
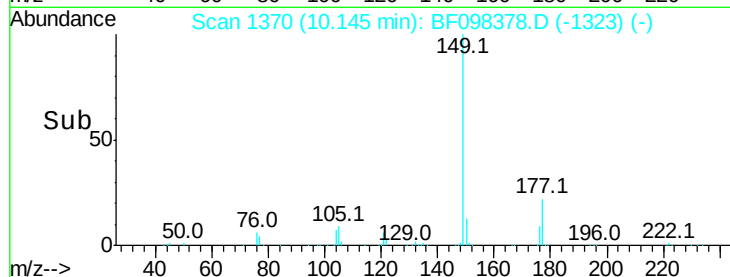
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.7	25.1
150	12.7	10.2	15.2



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

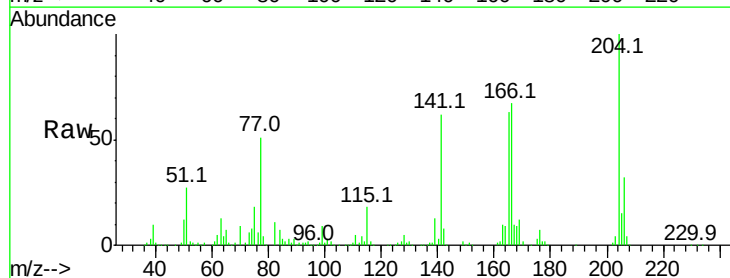
10.15

Time-->



#60
4-Chlorophenyl-phenylether
Concen: 40.852 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

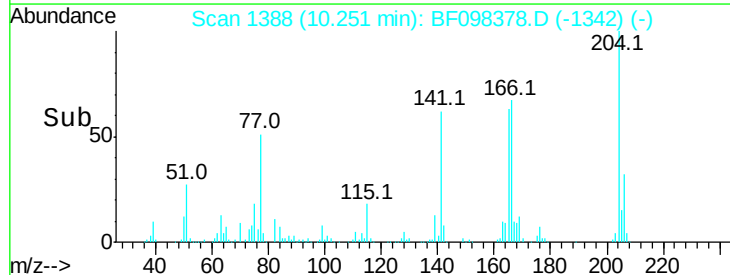
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	61.7	60.8	91.2

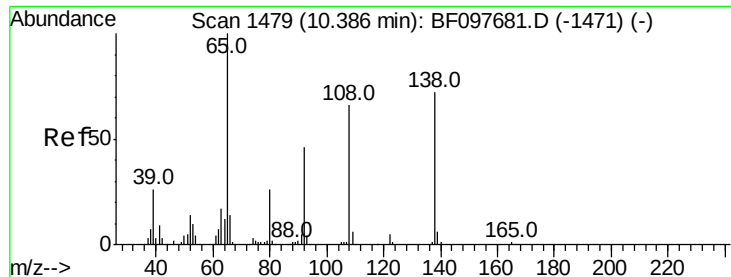


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

10.25

Time-->

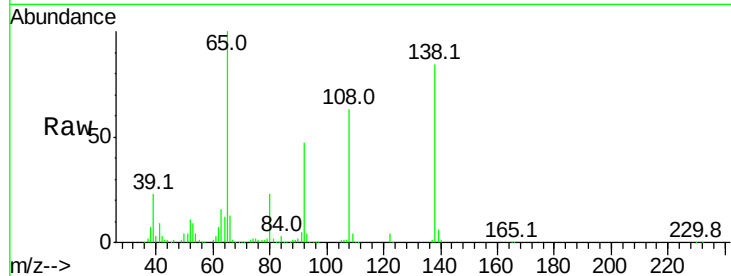




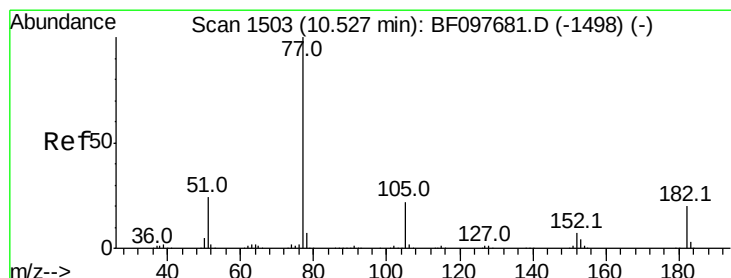
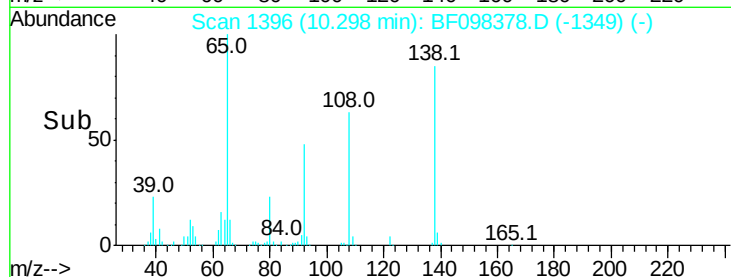
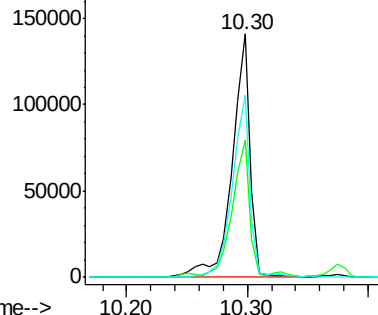
#61
4-Nitroaniline
Concen: 41.747 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 146800
Ion Ratio Lower Upper
138 100
92 56.6 21.8 61.8
108 74.9 42.3 82.3

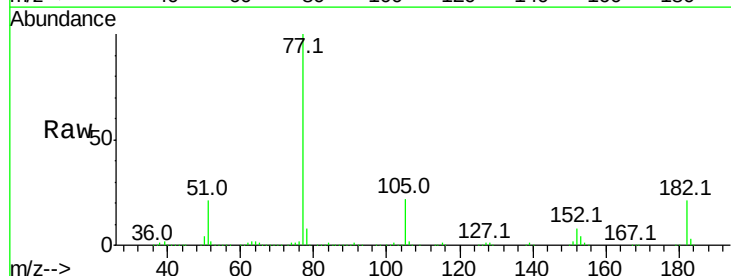


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

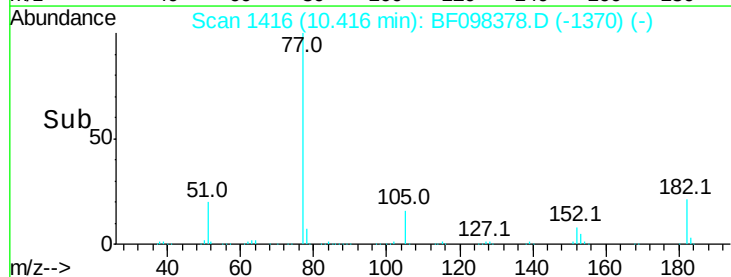
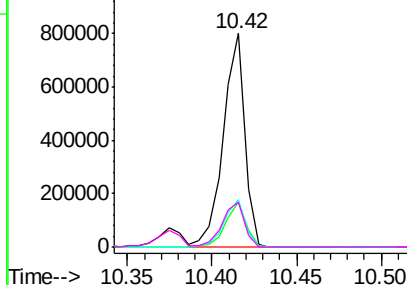


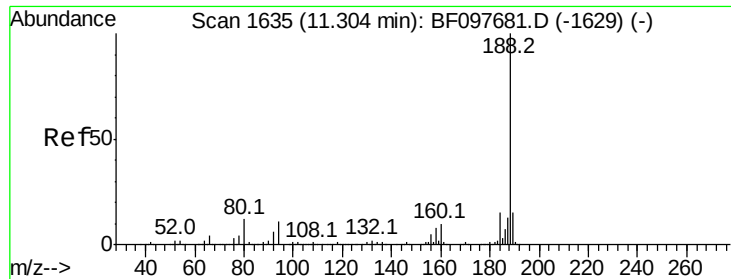
#62
Azobenzene
Concen: 39.474 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion: 77 Resp: 704422
Ion Ratio Lower Upper
77 100
182 20.7 0.1 40.1
105 22.4 3.6 43.6
51 21.0 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

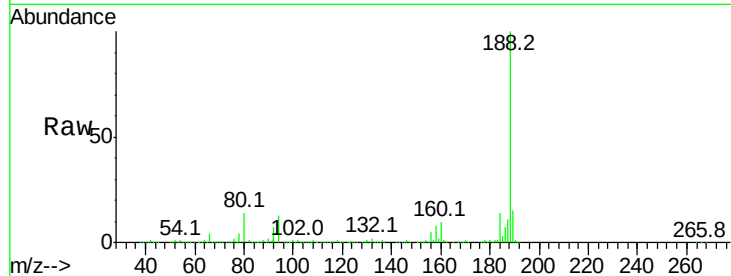




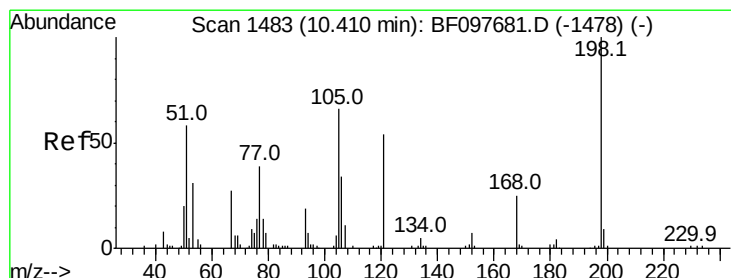
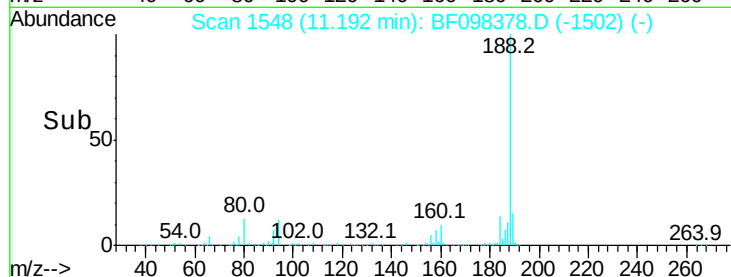
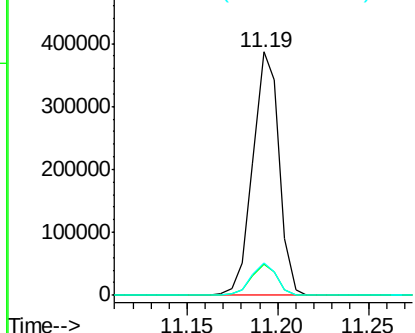
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 389950
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 13.6 10.2 15.2

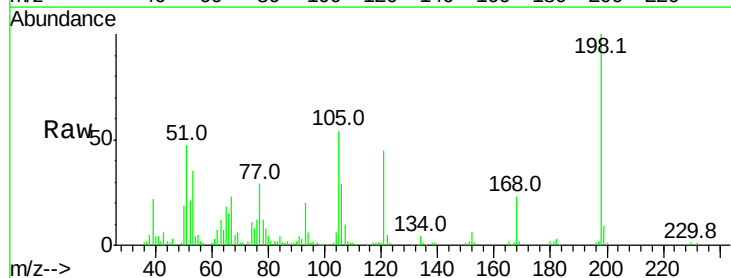


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

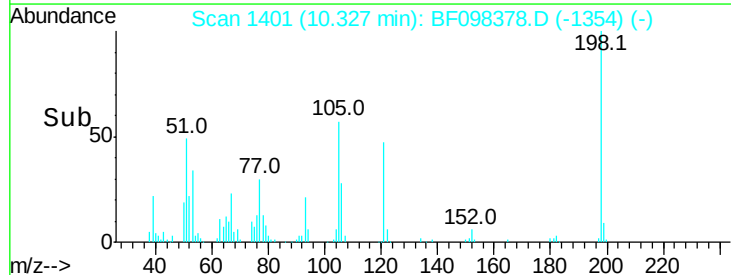
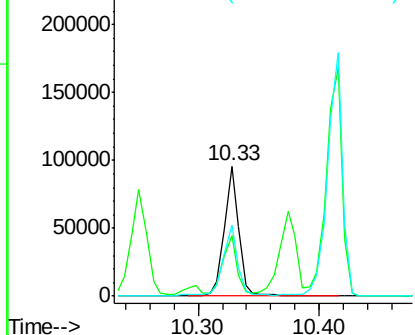


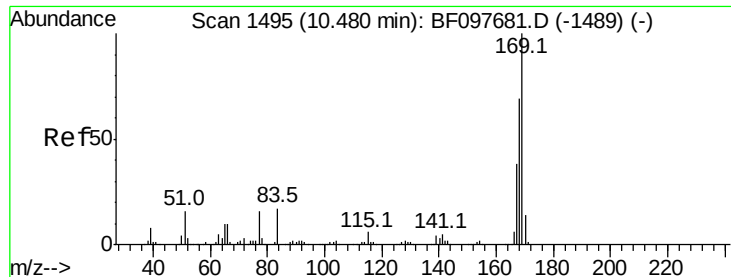
#64
4,6-Dinitro-2-methylphenol
Concen: 44.359 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion:198 Resp: 80109
Ion Ratio Lower Upper
198 100
51 46.8 53.2 93.2#
105 54.1 45.8 85.8



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

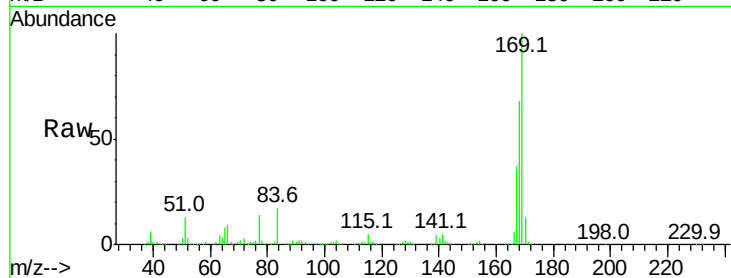




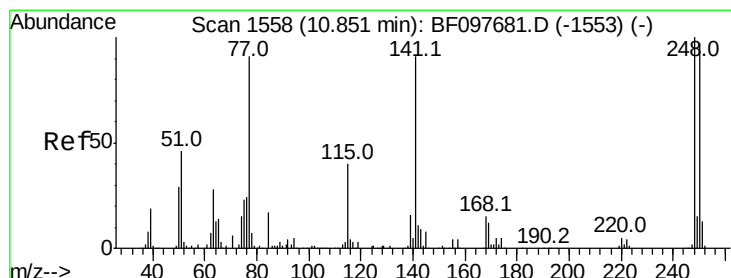
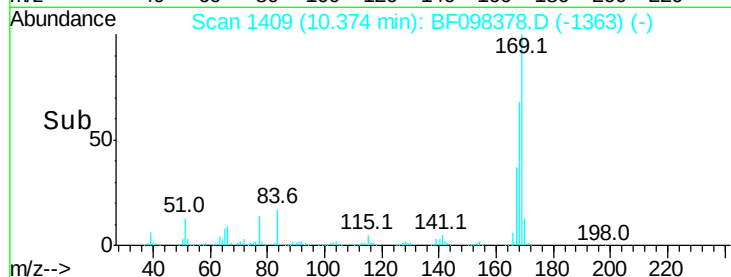
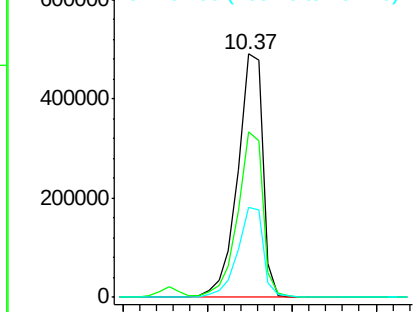
#65
n-Nitrosodiphenylamine
Concen: 38.456 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 510651
Ion Ratio Lower Upper
169 100
168 67.9 53.2 79.8
167 37.1 29.5 44.3

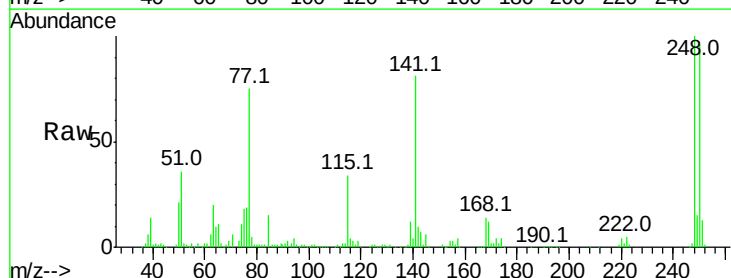


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

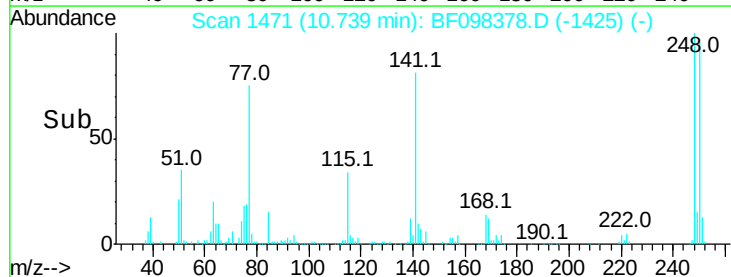
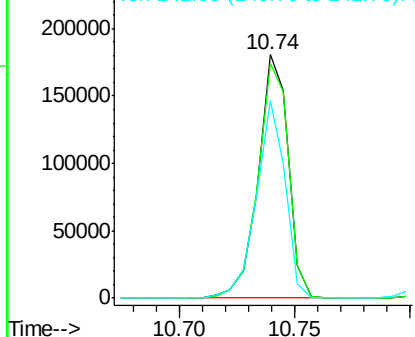


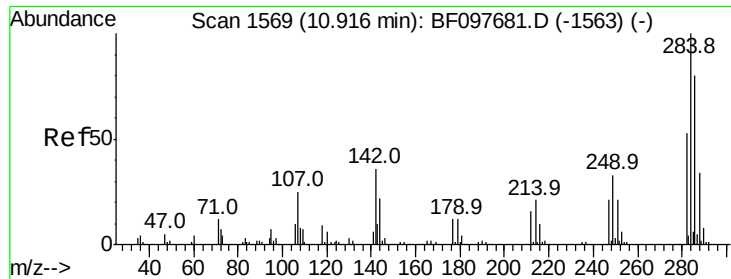
#66
4-Bromophenyl-phenylether
Concen: 40.466 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion:248 Resp: 163862
Ion Ratio Lower Upper
248 100
250 96.2 76.8 115.2
141 80.9 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

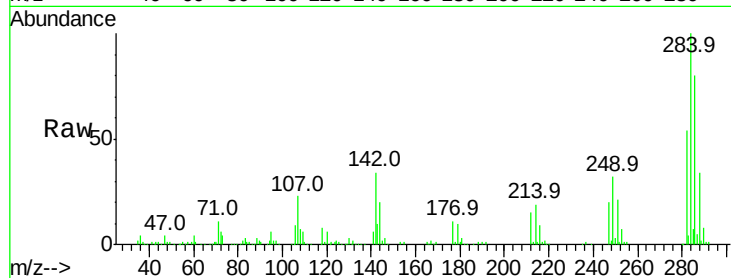




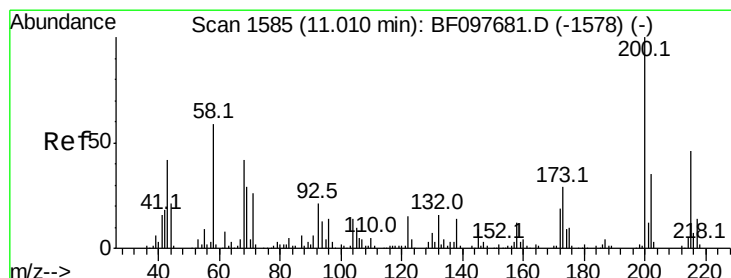
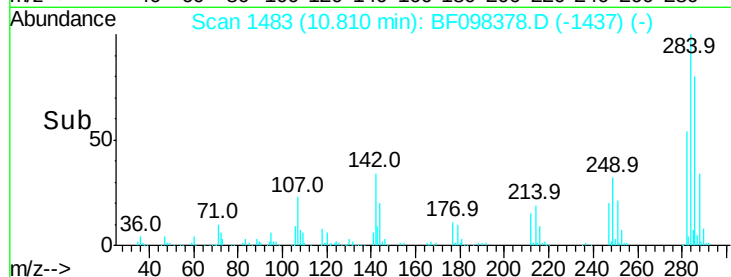
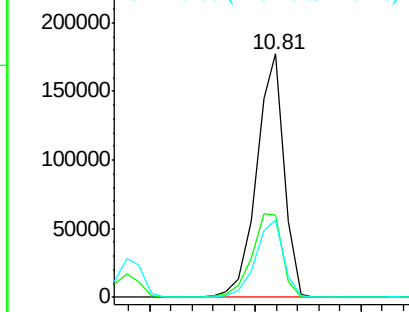
#67
Hexachlorobenzene
Concen: 38.845 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 160330
Ion Ratio Lower Upper
284 100
142 34.0 22.8 34.2
249 31.7 24.0 36.0

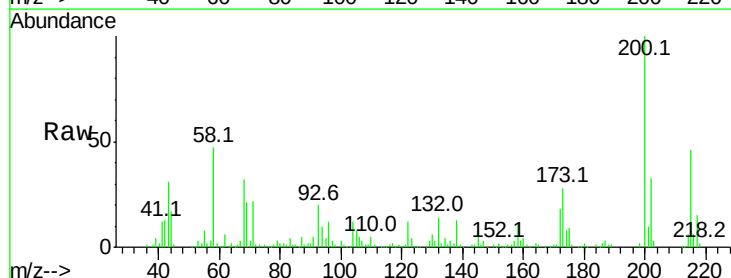


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

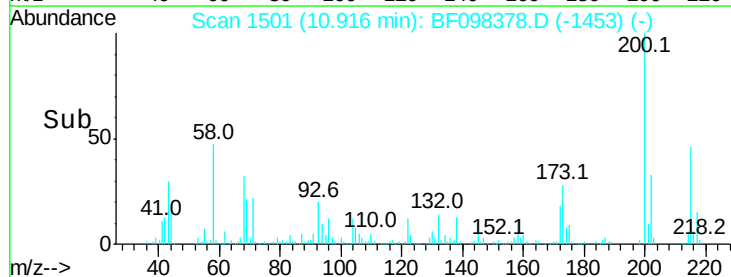
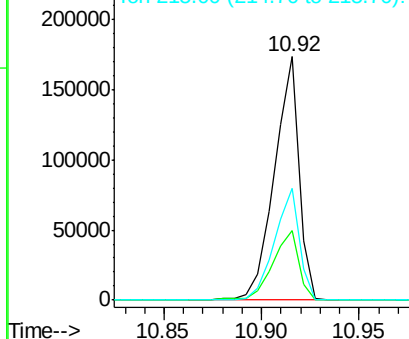


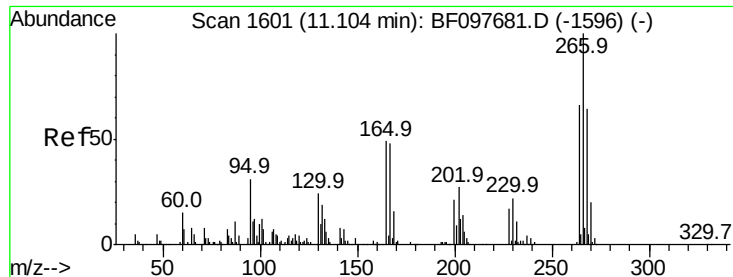
#68
Atrazine
Concen: 43.102 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion:200 Resp: 151786
Ion Ratio Lower Upper
200 100
173 28.5 6.3 46.3
215 46.0 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

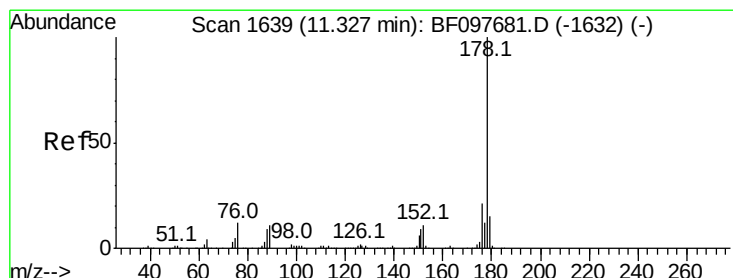
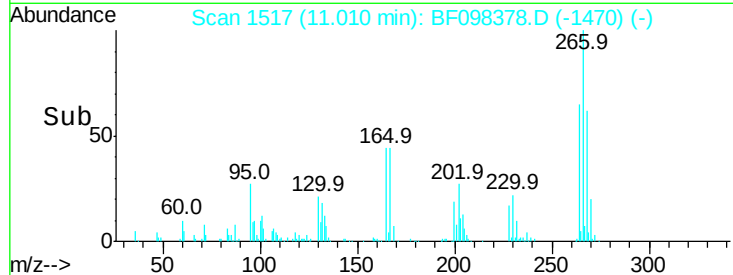
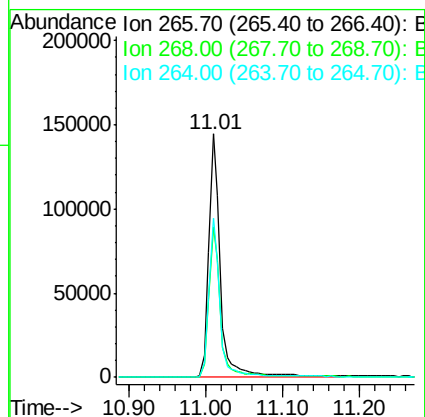
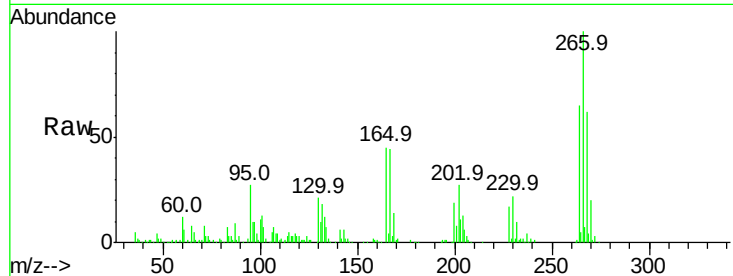




#69
 Pentachlorophenol
 Concen: 64.080 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

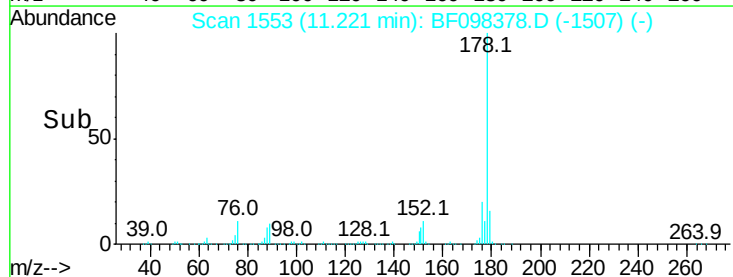
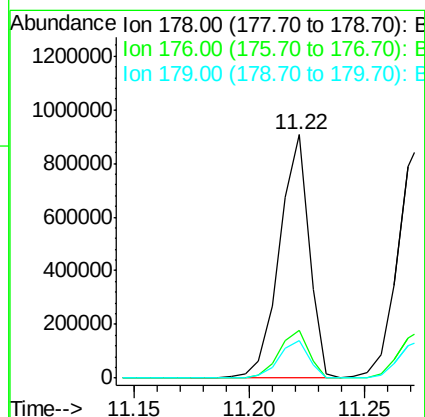
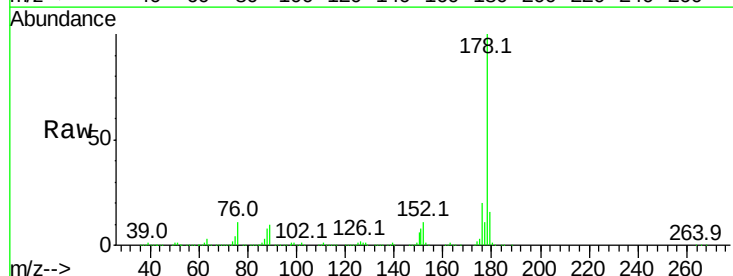
Instrument :
 BNA_F
 ClientSampleId :

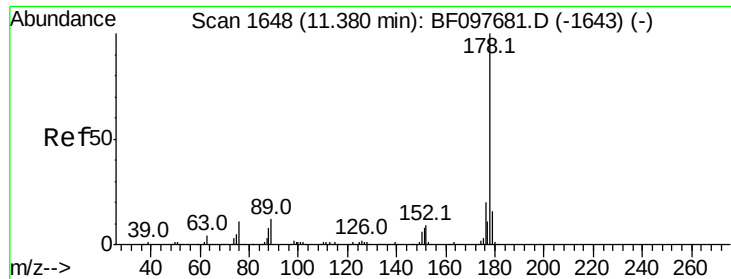
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.1	76.7
264	65.2	51.7	77.5



#70
 Phenanthrene
 Concen: 38.801 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.6	12.6	19.0

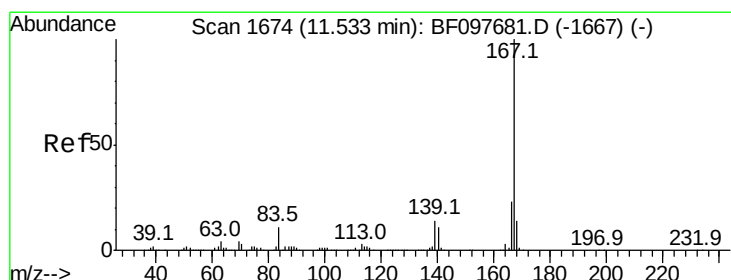
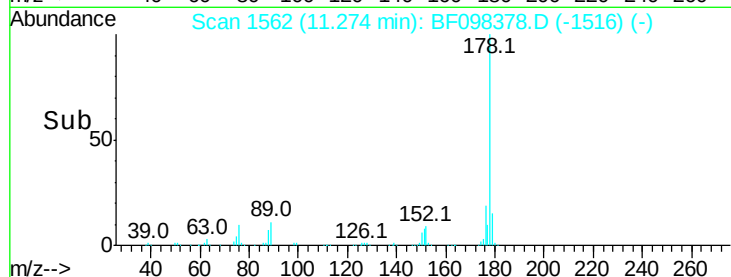
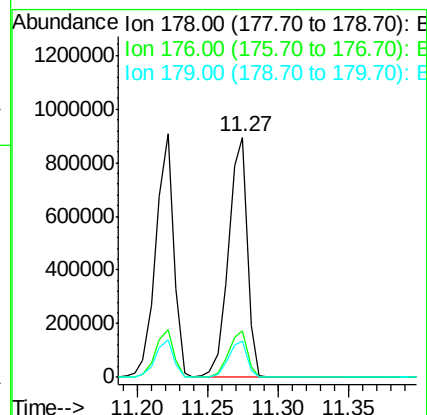
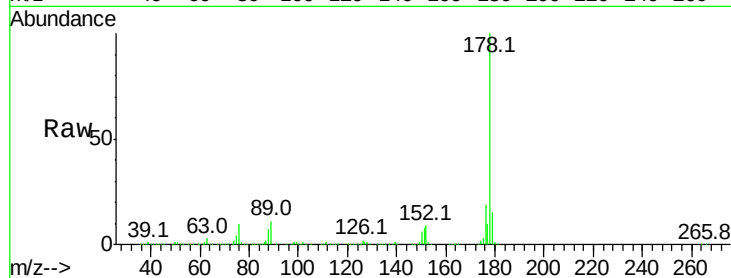




#71
 Anthracene
 Concen: 39.333 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

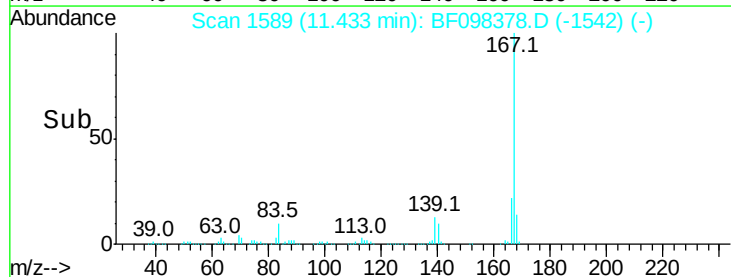
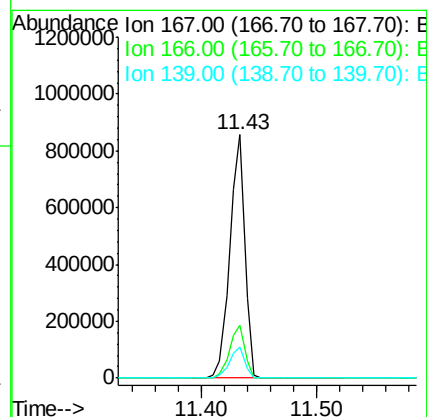
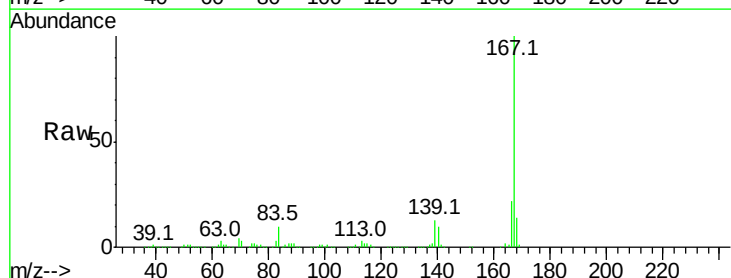
Instrument :
 BNA_F
 ClientSampleId :

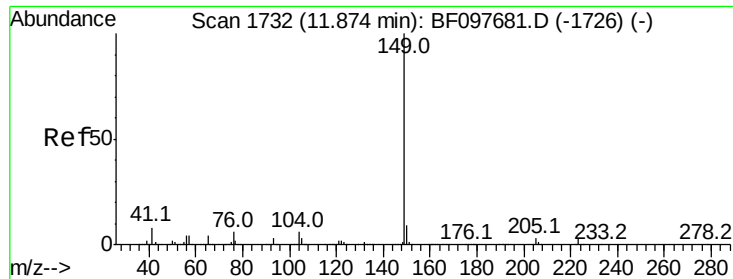
Tot Ion:178 Resp: 828968
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 38.482 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion:167 Resp: 769849
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 43.452 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampleId :

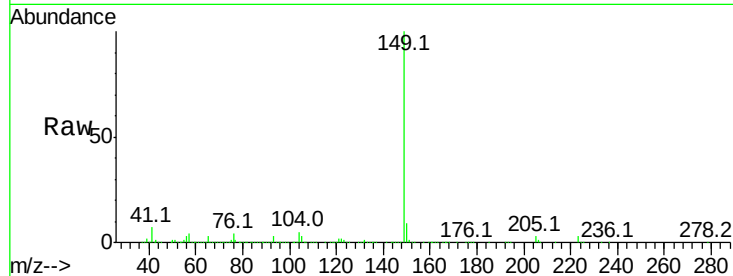
Tot Ion:149 Resp: 1001281

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

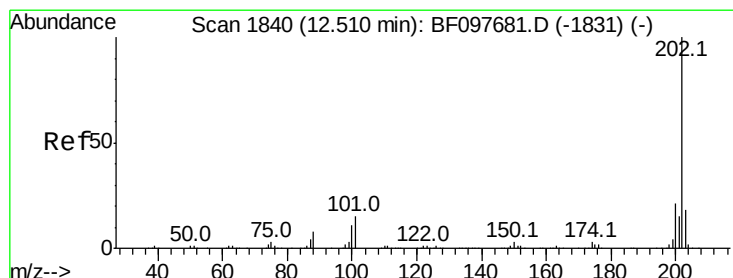
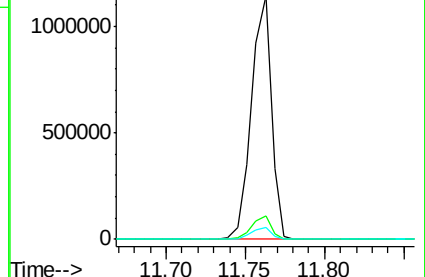
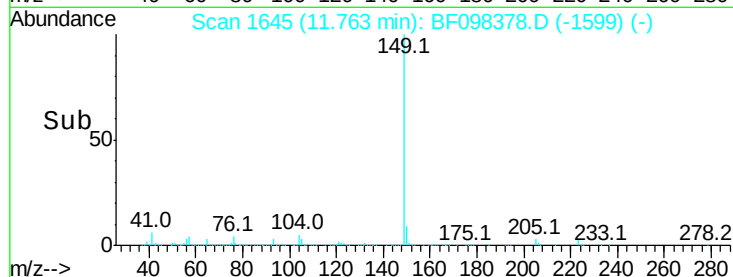
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.002 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

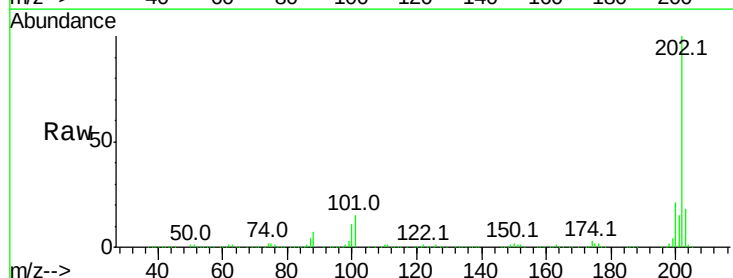
Tgt Ion:202 Resp: 845915

Ion Ratio Lower Upper

202 100

101 14.6 0.0 33.2

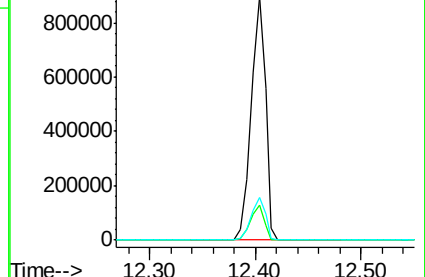
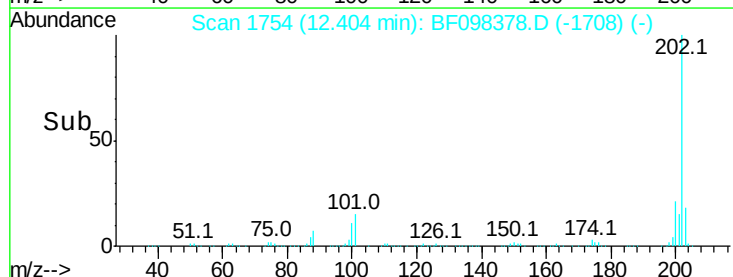
203 17.7 0.0 38.1

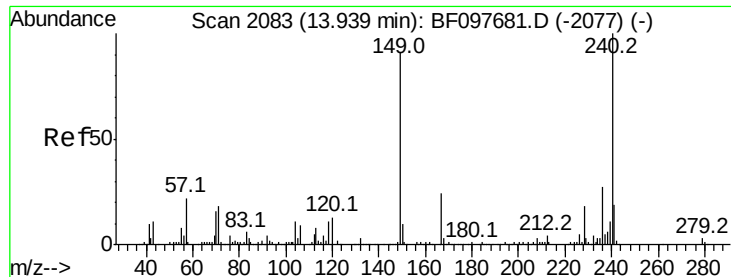


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampleId :

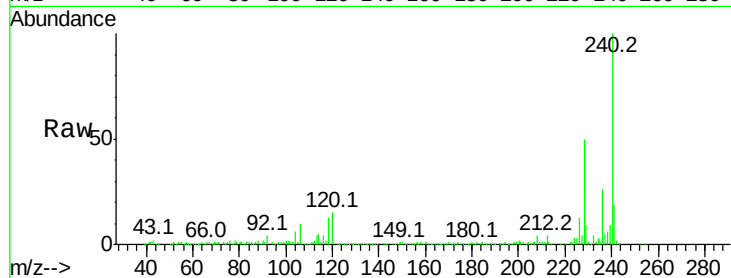
Tot Ion:240 Resp: 255659

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

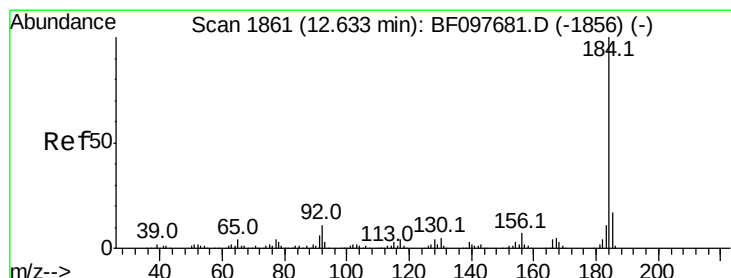
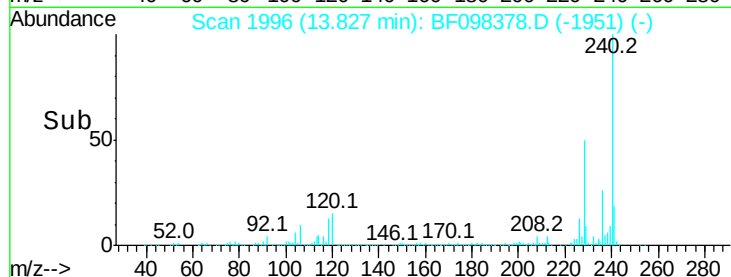
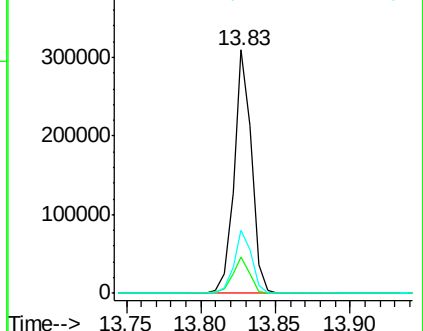
236 26.0 20.5 30.7



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: 26.493 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.02 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

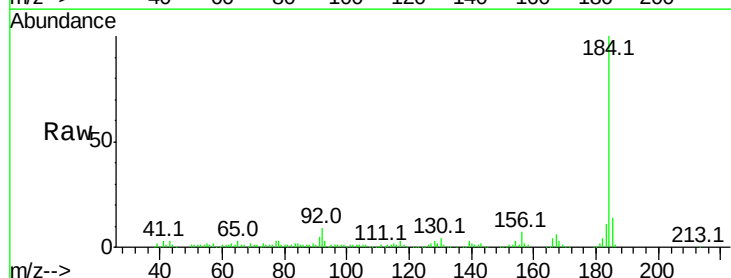
Tgt Ion:184 Resp: 222076

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

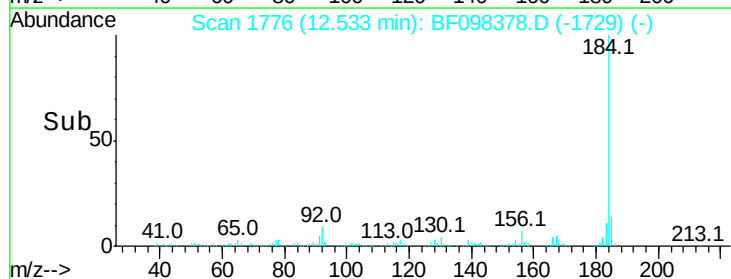
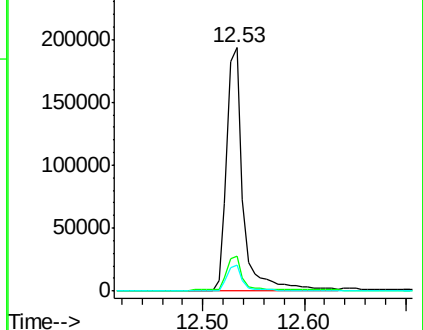
183 10.9 9.8 14.6

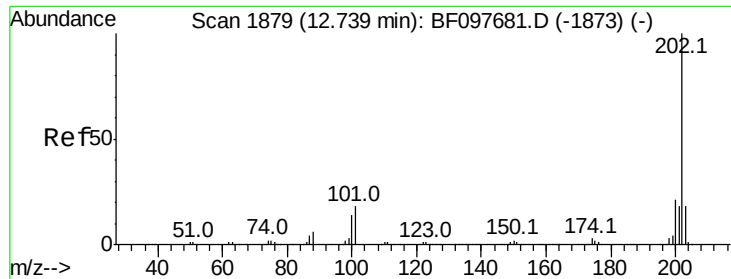


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

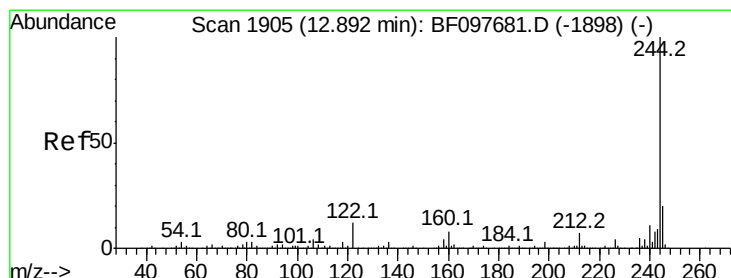
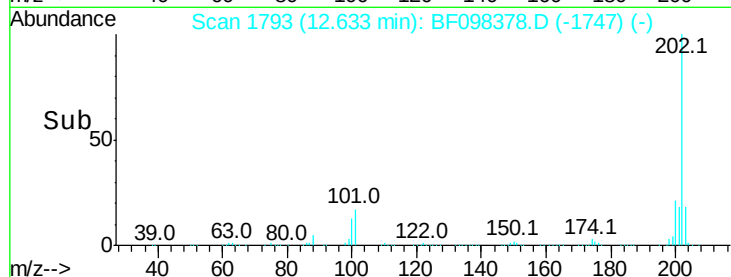
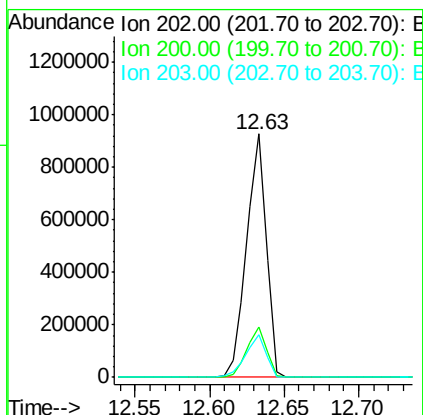
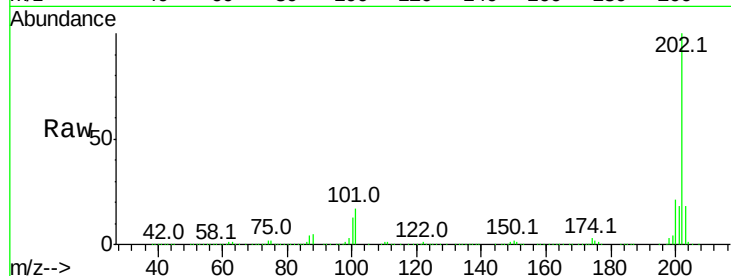




#77
Pvrene
Concen: 40.689 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

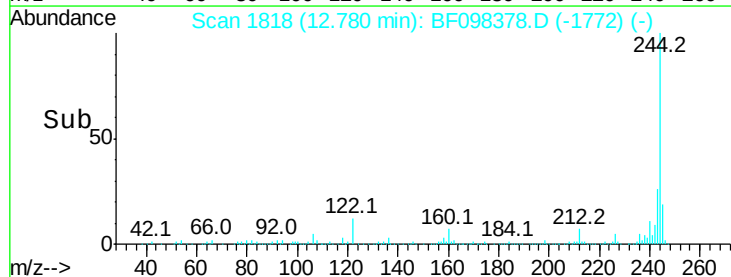
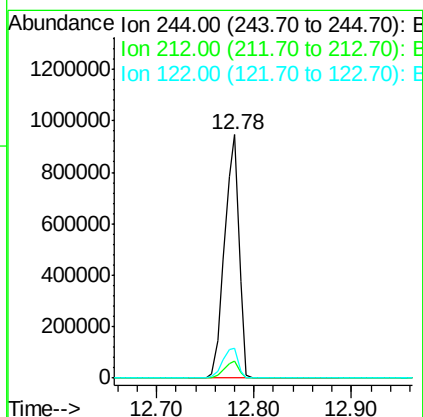
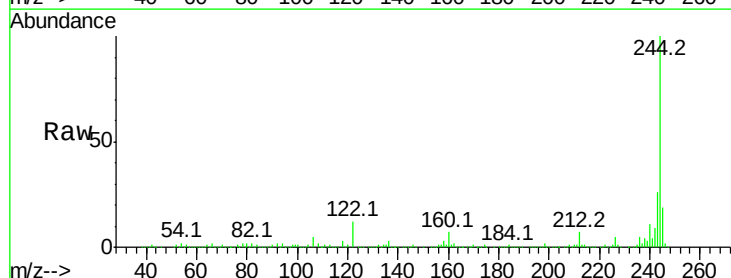
Instrument :
BNA_F
ClientSampleId :

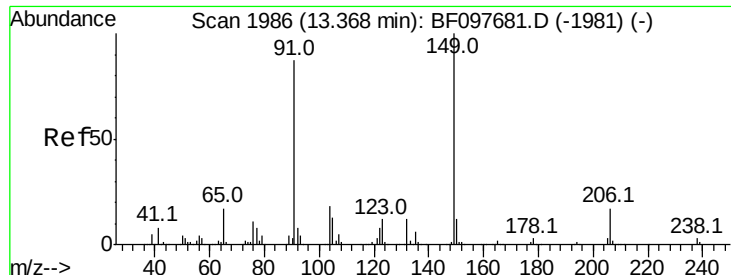
Tot Ion:202 Resp: 850796
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 79.267 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion:244 Resp: 971803
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 12.1 10.3 15.5

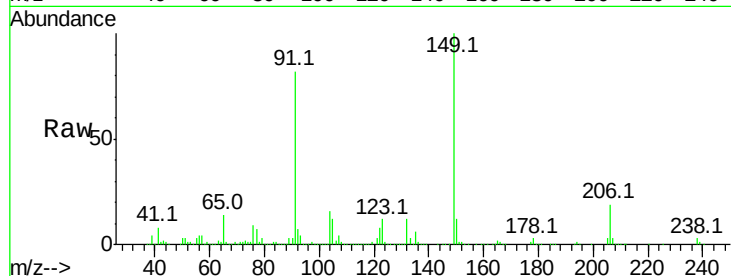




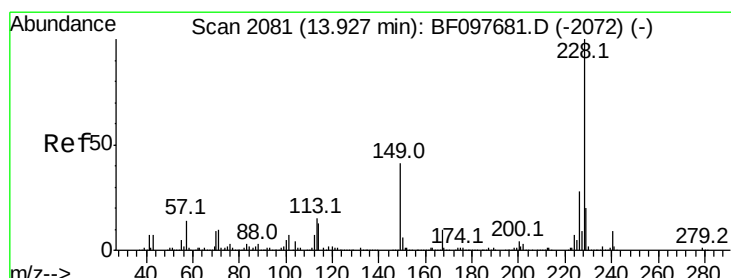
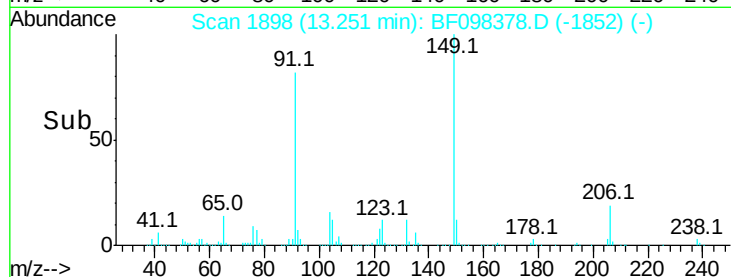
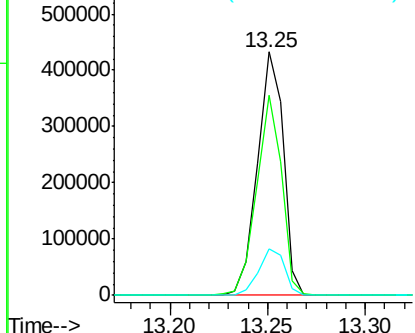
#79
Butylbenzylphthalate
Concen: 49.492 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 396775
Ion Ratio Lower Upper
149 100
91 82.1 45.0 67.4#
206 19.2 17.0 25.6

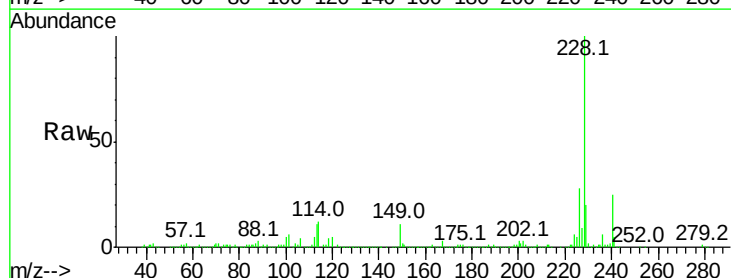


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

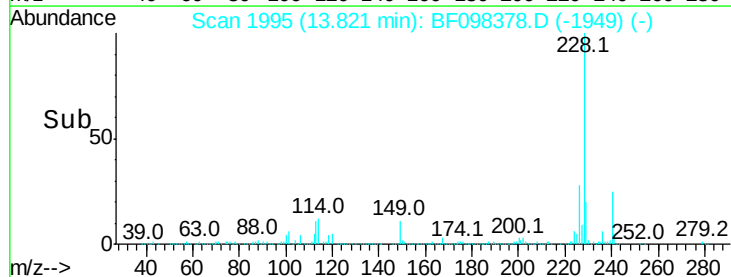
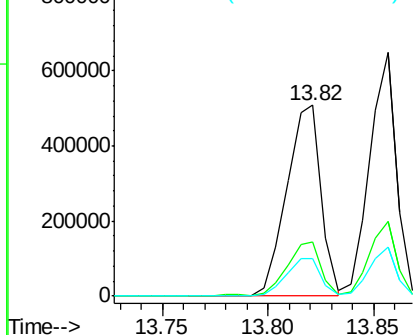


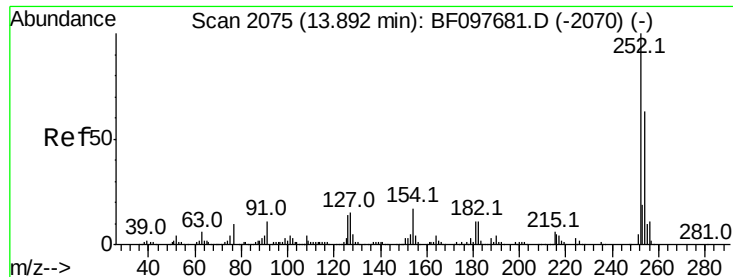
#80
Benzo(a)anthracene
Concen: 37.652 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion:228 Resp: 576935
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.8 16.3 24.5



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

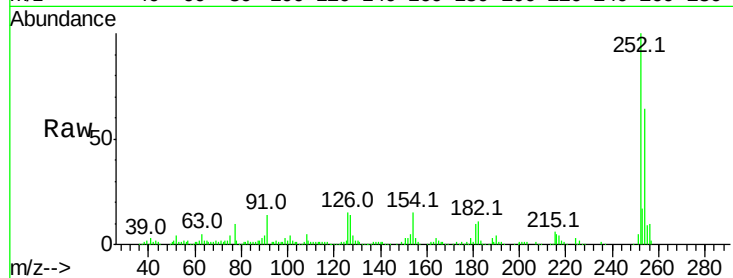




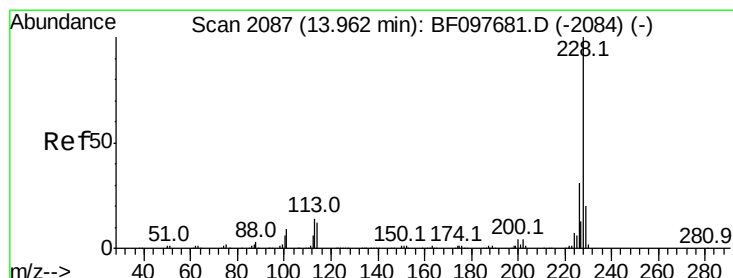
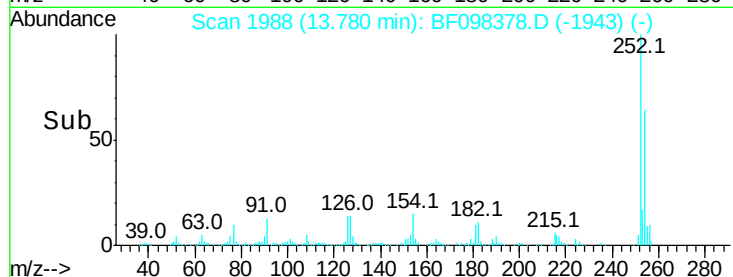
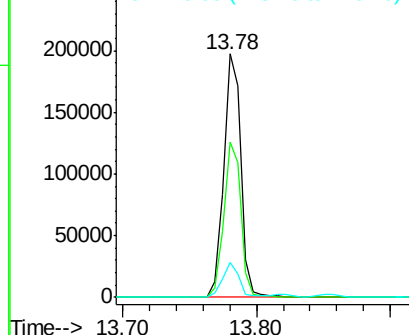
#81
 3,3'-Dichlorobenzidine
 Concen: 34.764 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.04 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 179746
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.5 77.3
 126 14.5 15.8 23.8#

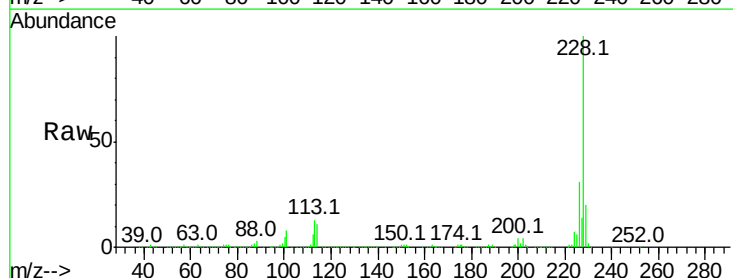


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

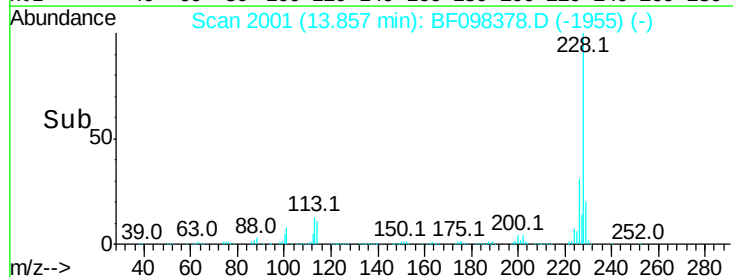
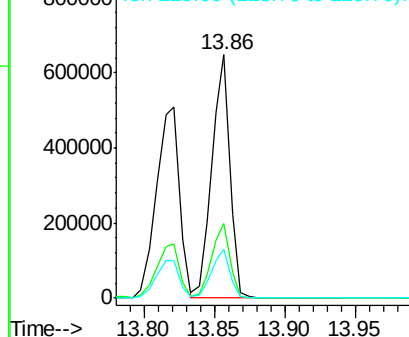


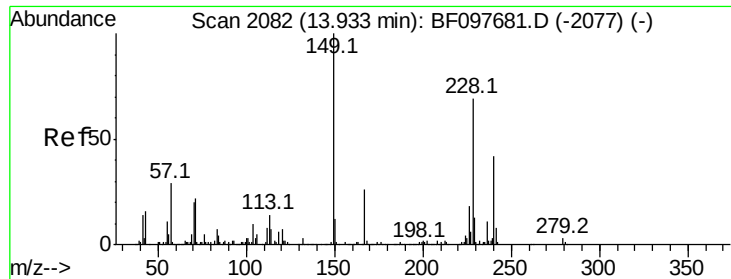
#82
 Chrysene
 Concen: 37.601 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion:228 Resp: 573138
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 20.4 15.8 23.6



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

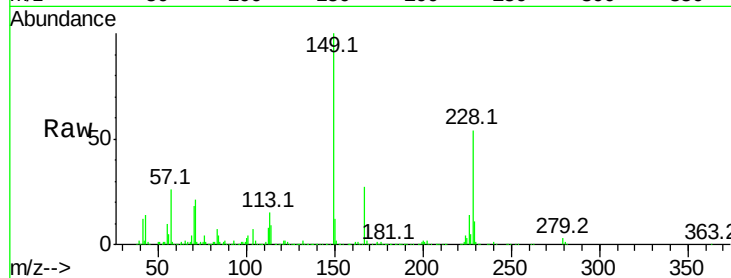




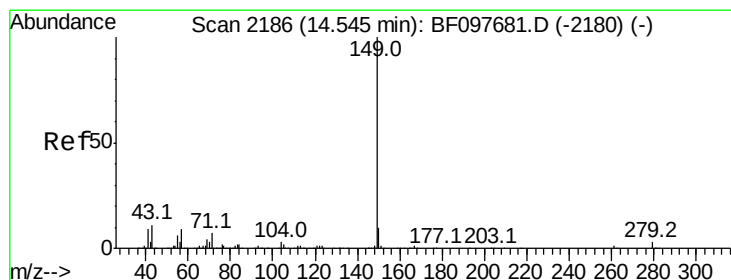
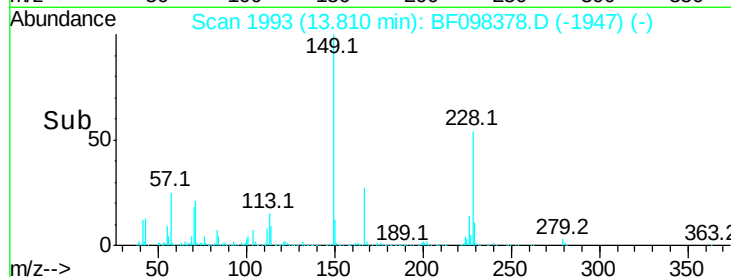
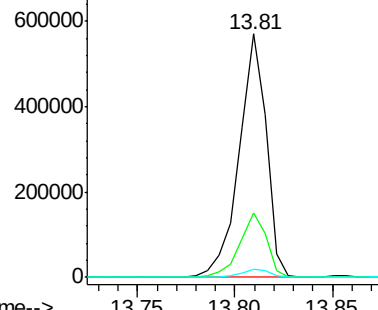
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 61.799 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 549005
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 3.1 1.9 2.9#

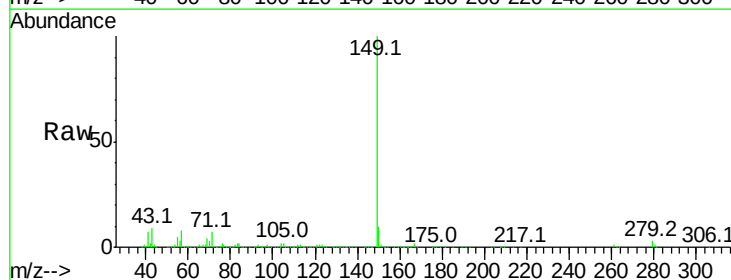


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

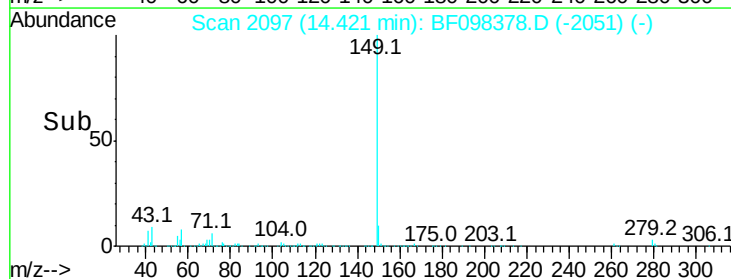
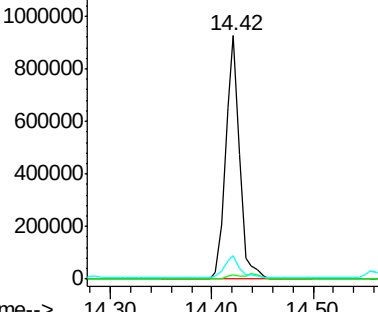


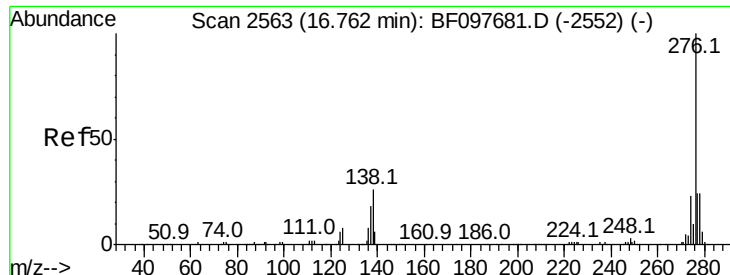
#84
 Di-n-octyl phthalate
 Concen: 56.378 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion:149 Resp: 871439
 Ion Ratio Lower Upper
 149 100
 167 3.8 1.2 1.8#
 43 9.6 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

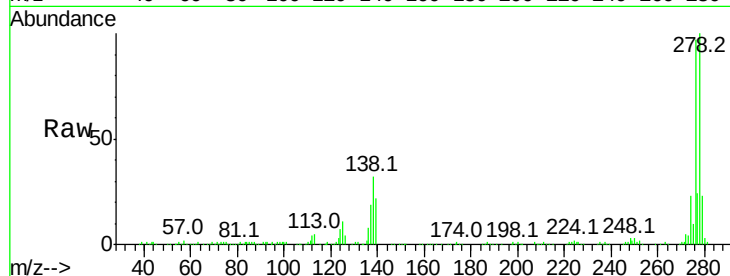




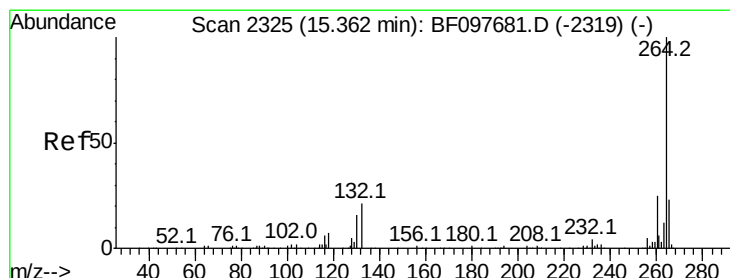
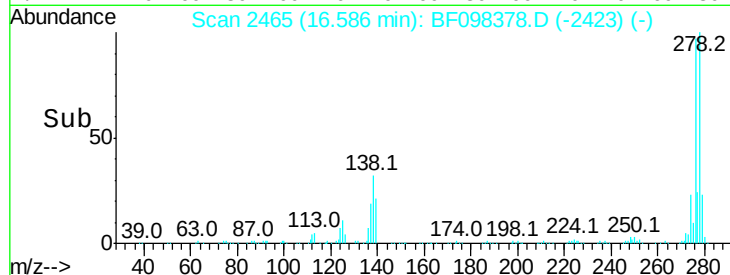
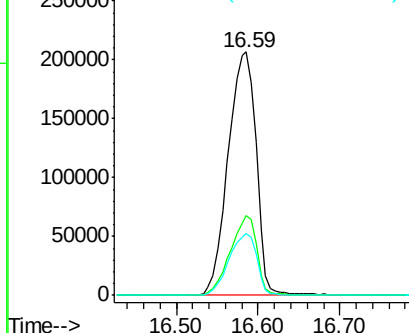
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.128 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. -0.05 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	27.8	41.6
277	25.2	20.2	30.4

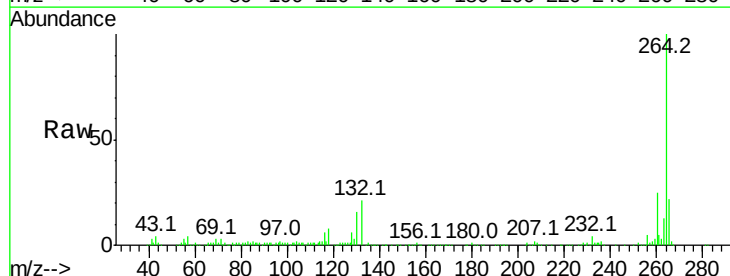


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

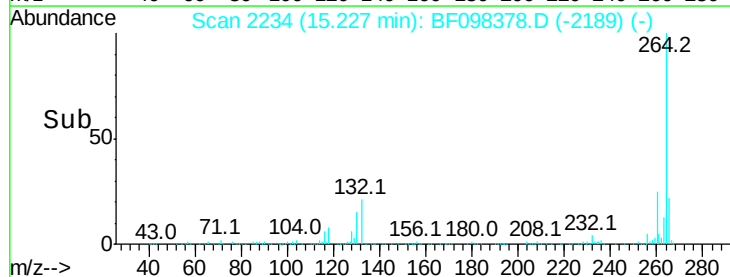
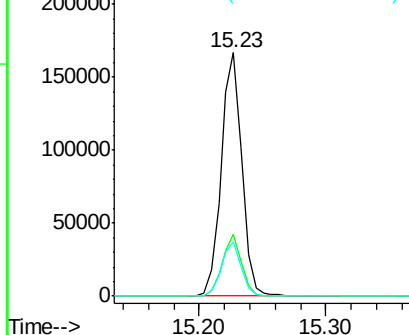


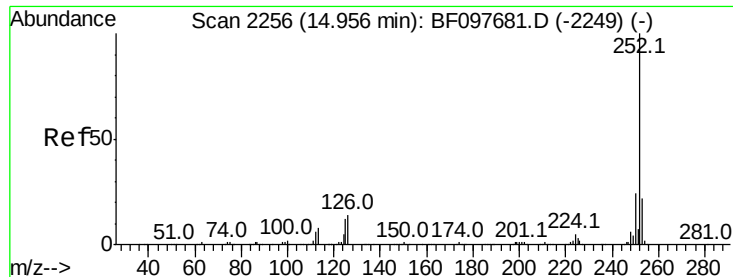
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.04 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	22.1	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

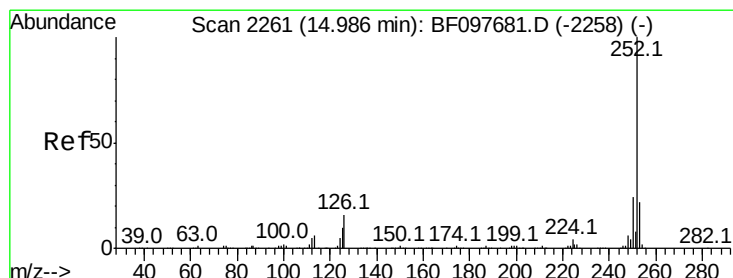
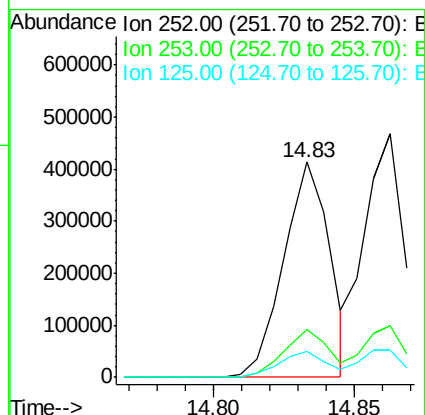
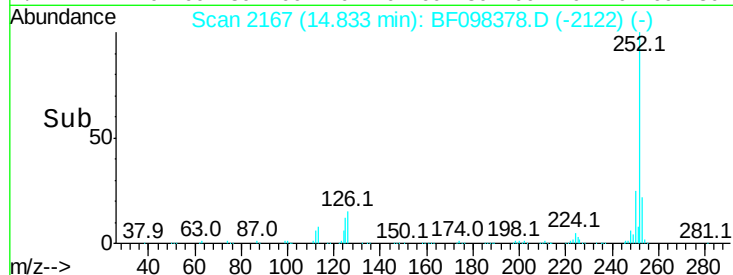
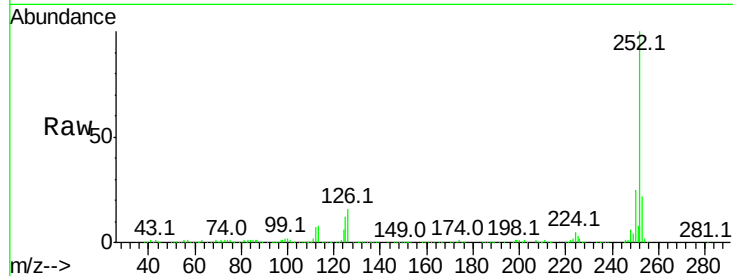




#87
Benzo(b)fluoranthene
Concen: 39.527 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

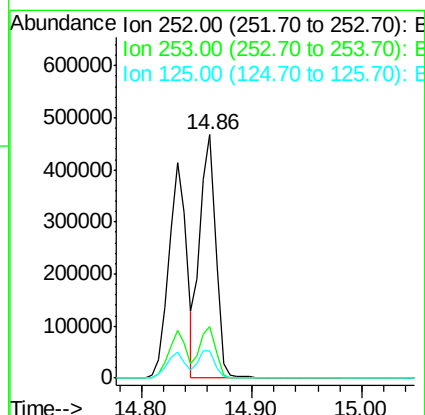
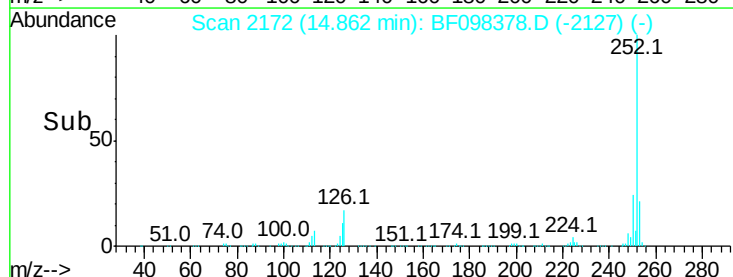
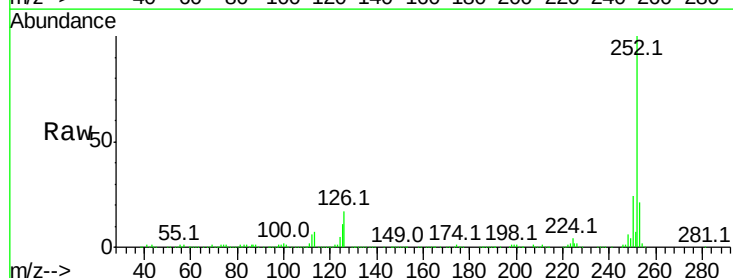
Instrument :
BNA_F
ClientSampleId :

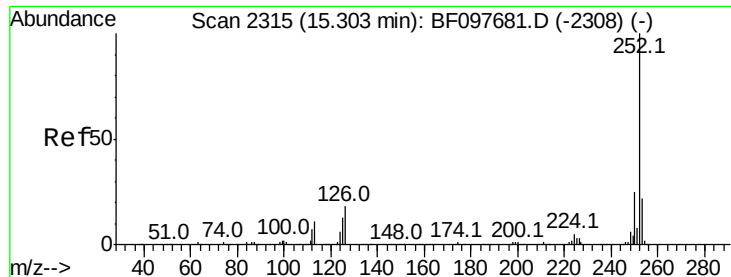
Tot Ion:252 Resp: 468382
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 12.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 41.123 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.04 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion:252 Resp: 457819
Ion Ratio Lower Upper
252 100
253 21.2 18.4 27.6
125 11.2 13.1 19.7#

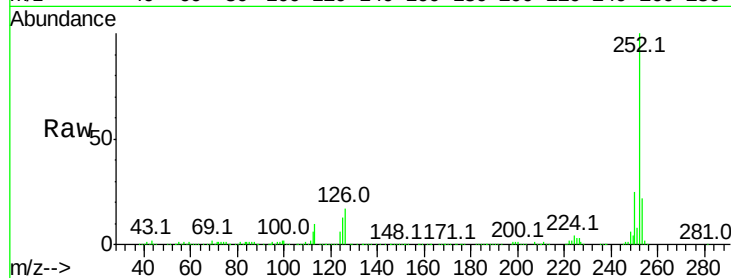




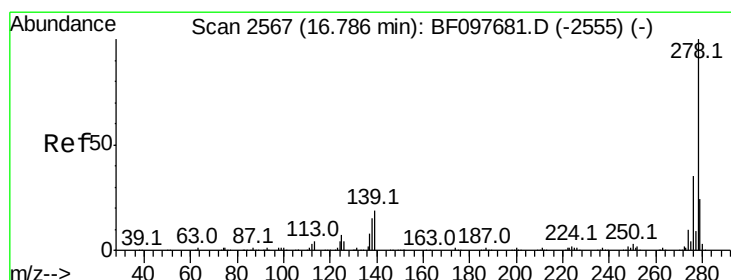
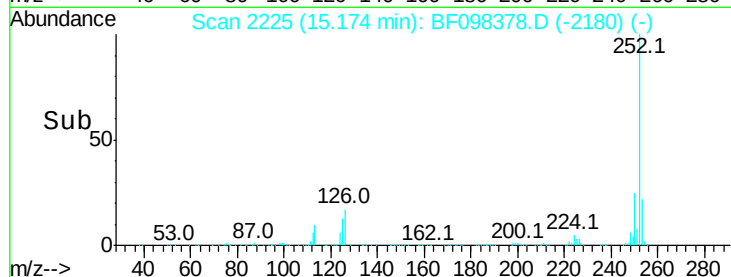
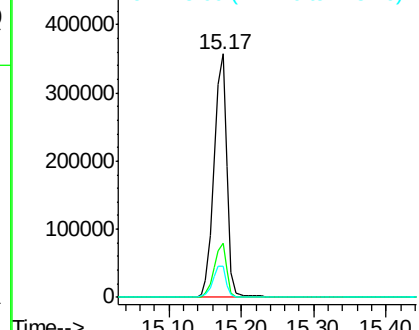
#89
Benzo(a)pyrene
Concen: 42.082 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 441446
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 13.0 11.0 16.4

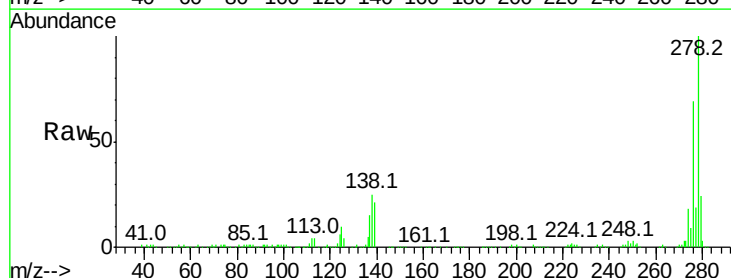


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

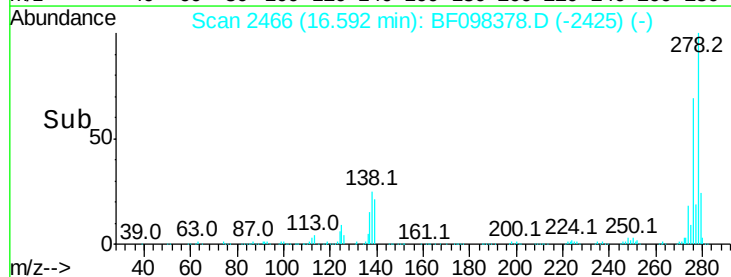
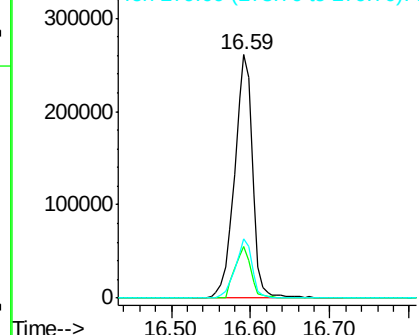


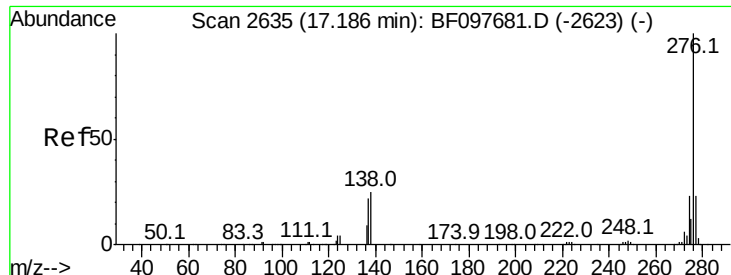
#90
Dibenzo(a,h)anthracene
Concen: 47.794 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.06 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion:278 Resp: 408169
Ion Ratio Lower Upper
278 100
139 21.0 16.6 24.8
279 24.5 19.3 28.9



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





#91

Benzo(a,h,i)perylene

Concen: 47.786 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.06 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampleId :

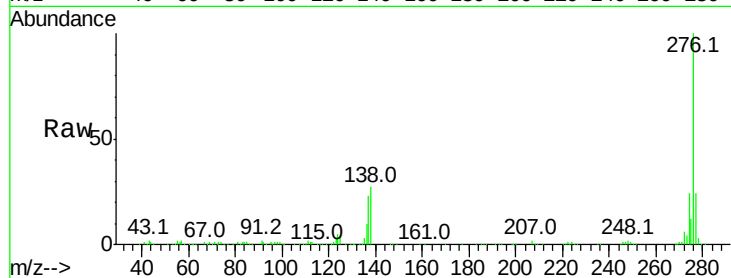
Tot Ion:276 Resp: 425822

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 27.4 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

