

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099004.D
 Acq On : 2 Oct 2017 17:21
 Operator : SJ/JU
 Sample : I5534-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 00:59:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	146892	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	589694	20.00	ng	-0.02
38) Acenaphthene-d10	9.95	164	253611	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	401652	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	242039	20.00	ng	-0.02
86) Perylene-d12	15.56	264	246074	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	974624	105.62	ng	0.00
7) Phenol-d6	6.53	99	1173029	103.05	ng	-0.01
23) Nitrobenzene-d5	7.47	82	717292	78.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	207069	99.78	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1130379	74.41	ng	-0.02
78) Terphenyl-d14	13.01	244	763883	71.77	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.77	88	135468	30.73	ng	97
3) Pyridine	3.55	79	380856	31.94	ng	97
4) n-Nitrosodimethylamine	3.50	42	167593	33.14	ng	93
6) Aniline	6.57	93	404940	26.36	ng	97
8) 2-Chlorophenol	6.69	128	350497	33.54	ng	95
9) Benzaldehyde	6.46	77	178883	27.09	ng	94
10) Phenol	6.55	94	451765	35.49	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	342542	34.61	ng	99
12) 1,3-Dichlorobenzene	6.85	146	364738	33.33	ng	98
13) 1,4-Dichlorobenzene	6.92	146	372641	33.47	ng	98
14) 1,2-Dichlorobenzene	7.07	146	343899	33.43	ng	99
15) Benzyl Alcohol	7.05	79	294389	35.25	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	514428	33.36	ng	98
17) 2-Methylphenol	7.15	107	291524	34.10	ng	98
18) Hexachloroethane	7.42	117	129281	32.30	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	233199	32.09	ng	94
20) 3+4-Methylphenols	7.30	107	351646	32.51	ng	# 83
22) Acetophenone	7.31	105	474753	33.23	ng	# 98
24) Nitrobenzene	7.49	77	357716	34.29	ng	97
25) Isophorone	7.72	82	657121	34.56	ng	99
26) 2-Nitrophenol	7.80	139	189775	37.83	ng	96
27) 2,4-Dimethylphenol	7.83	122	320868	33.87	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	423828	35.77	ng	99
29) 2,4-Dichlorophenol	8.04	162	277838	34.16	ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	282344	34.71	ng	98
31) Naphthalene	8.21	128	983382	35.51	ng	99
32) Benzoic acid	7.83	122	320868	41.24	ng	# 13
33) 4-Chloroaniline	8.25	127	273954	23.69	ng	99
34) Hexachlorobutadiene	8.32	225	140004	33.42	ng	98
35) Caprolactam	8.62	113	69376	26.59	ng	95
36) 4-Chloro-3-methylphenol	8.73	107	287144	31.41	ng	95
37) 2-Methylnaphthalene	8.90	142	657269	36.51	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	249082	32.93	ng	99
40) Hexachlorocyclopentadiene	9.05	237	229859	66.50	ng	99

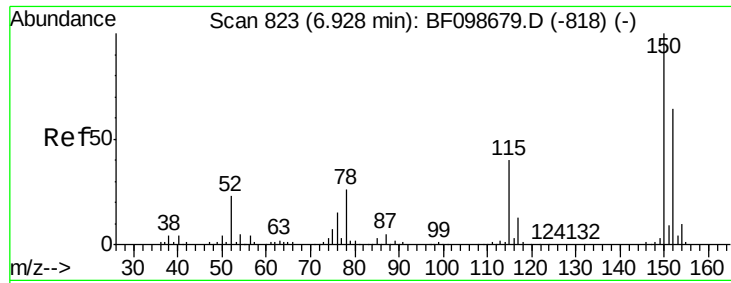
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	178307	33.28	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	182969	34.21	nq	96
45) 1,1'-Biphenyl	9.36	154	730736	33.53	nq	100
46) 2-Chloronaphthalene	9.39	162	572841	35.00	nq	99
47) 2-Nitroaniline	9.49	65	177132	35.35	nq	95
48) Acenaphthylene	9.80	152	865135	34.53	nq	100
49) Dimethylphthalate	9.66	163	824553	43.08	nq	100
50) 2,6-Dinitrotoluene	9.73	165	145390	34.89	nq	88
51) Acenaphthene	9.98	154	515980	32.51	nq	99
52) 3-Nitroaniline	9.89	138	134244	27.63	nq	97
53) 2,4-Dinitrophenol	10.00	184	9768	10.00	nq	94
54) Dibenzofuran	10.15	168	760423	35.99	nq	99
55) 4-Nitrophenol	10.05	139	205327	49.98	nq	94
56) 2,4-Dinitrotoluene	10.13	165	186444	34.47	nq	96
57) Fluorene	10.49	166	573413	33.76	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	123344	33.38	nq	97
59) Diethylphthalate	10.36	149	606548	32.43	nq	100
60) 4-Chlorophenyl-phenylether	10.48	204	252282	33.07	nq	99
61) 4-Nitroaniline	10.51	138	144474	30.82	nq	92
62) Azobenzene	10.64	77	593910	34.53	nq	98
64) 4,6-Dinitro-2-methylphenol	10.54	198	43333	17.73	nq	# 77
65) n-Nitrosodiphenylamine	10.60	169	513721	36.92	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	143118	36.40	nq	97
67) Hexachlorobenzene	11.04	284	140864	33.55	nq	97
68) Atrazine	11.12	200	146716	35.05	nq	99
69) Pentachlorophenol	11.23	266	118198	45.23	nq	98
70) Phenanthrene	11.46	178	869940	40.46	nq	99
71) Anthracene	11.51	178	793935	36.09	nq	100
72) Carbazole	11.66	167	713050	33.10	nq	99
73) Di-n-butylphthalate	11.98	149	847147	32.67	nq	99
74) Fluoranthene	12.64	202	800580	36.77	nq	99
76) Benzidine	12.76	184	292294	32.65	nq	97
77) Pyrene	12.87	202	778753	42.19	nq	99
79) Butylbenzylphthalate	13.48	149	303157	34.95	nq	98
80) Benzo(a)anthracene	14.06	228	555357	37.89	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	134965	25.12	nq	98
82) Chrysene	14.10	228	507324	36.36	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	421579	35.30	nq	99
84) Di-n-octyl phthalate	14.65	149	699045	36.35	nq	97
85) Indeno(1,2,3-cd)pyrene	17.07	276	593987	53.22	nq	97
87) Benzo(b)fluoranthene	15.12	252	511948	33.84	nq	97
88) Benzo(k)fluoranthene	15.15	252	486115	32.53	nq	99
89) Benzo(a)pyrene	15.50	252	496691	35.76	nq	97
90) Dibenzo(a,h)anthracene	17.09	278	480819	43.26	nq	97
91) Benzo(g,h,i)perylene	17.53	276	508572	46.29	nq	94

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

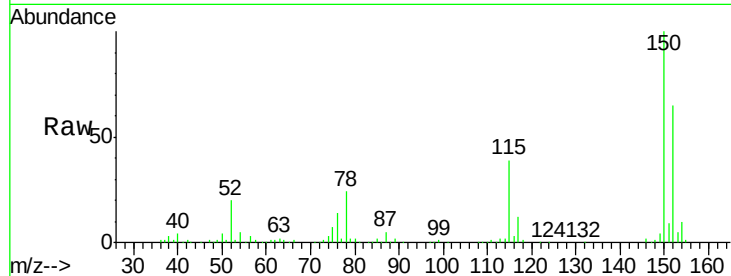


#1

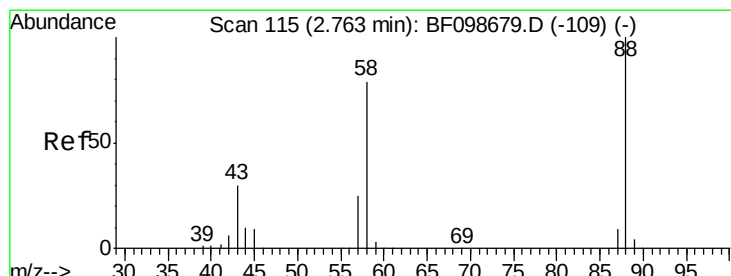
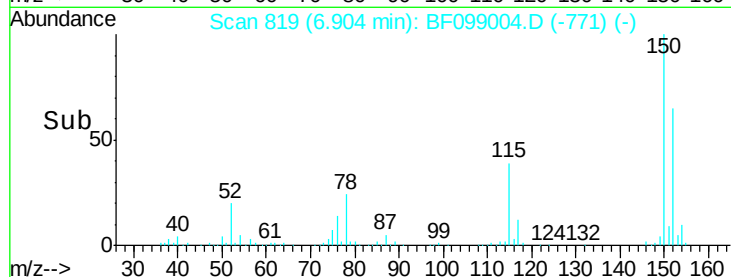
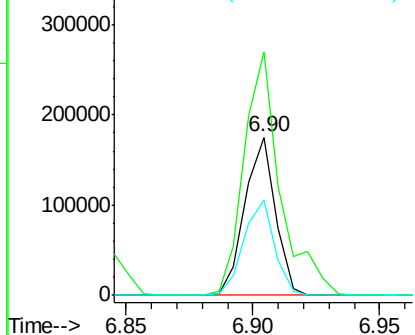
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146892
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 59.7 50.1 75.1



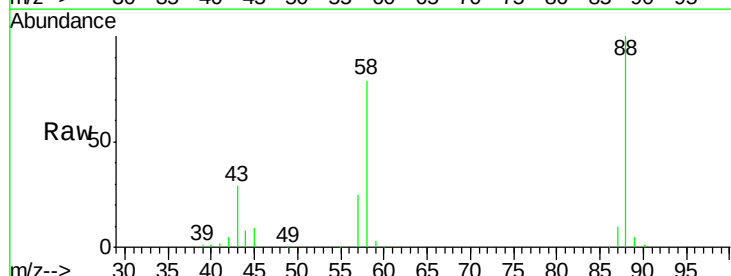
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



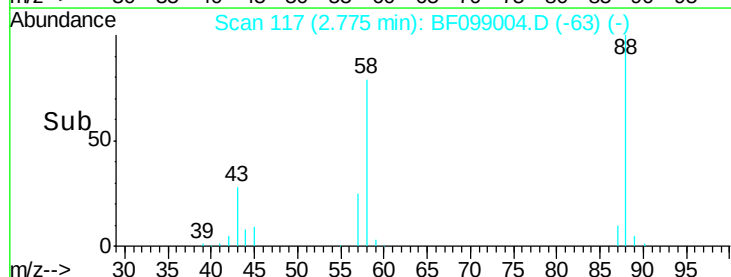
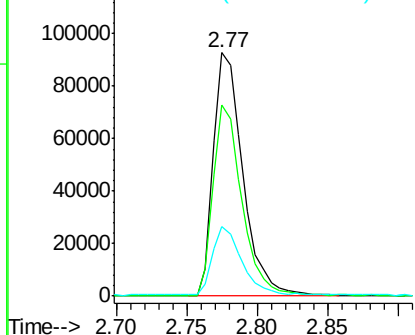
#2

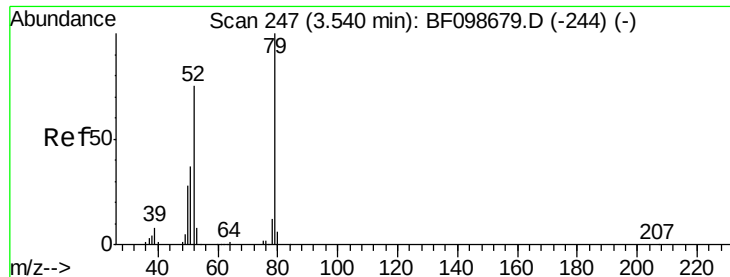
1,4-Dioxane
Concen: 30.73 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion: 88 Resp: 135468
Ion Ratio Lower Upper
88 100
58 76.9 62.6 93.8
43 27.5 24.6 37.0



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: 31.94 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampled :

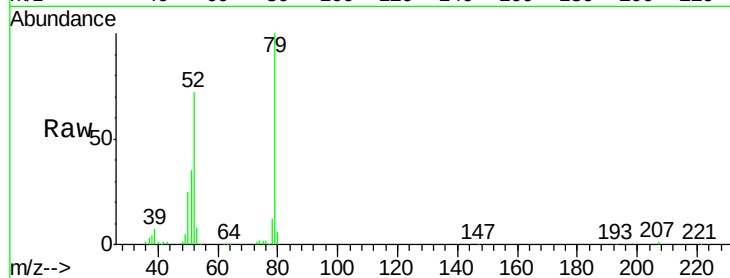
Tot Ion: 79 Resp: 380856

Ion Ratio Lower Upper

79 100

52 71.7 59.8 89.6

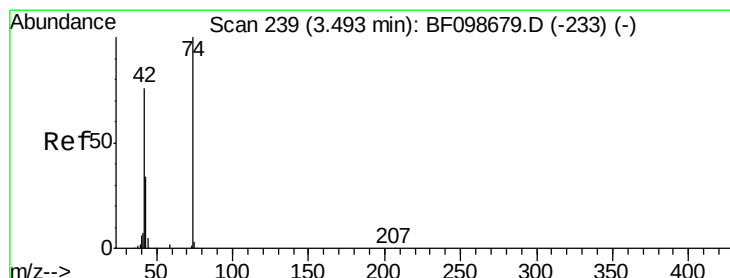
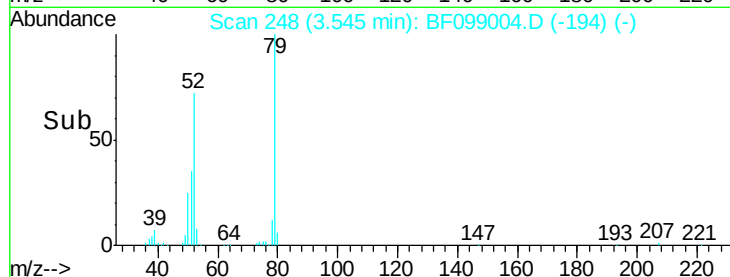
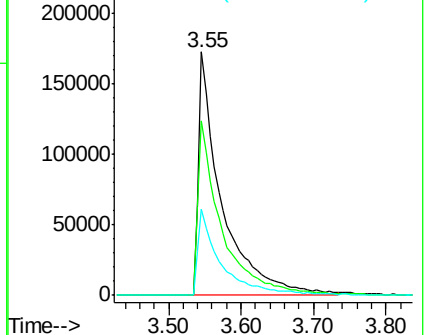
51 35.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.14 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.01 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

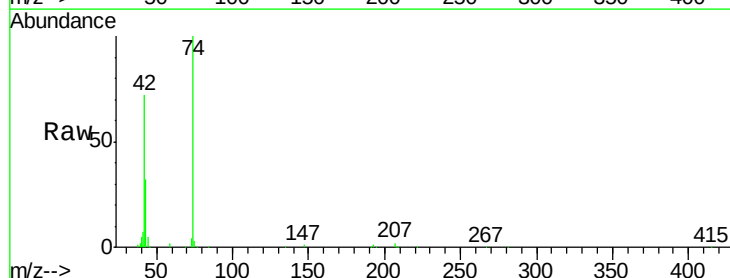
Tgt Ion: 42 Resp: 167593

Ion Ratio Lower Upper

42 100

74 139.0 104.9 157.3

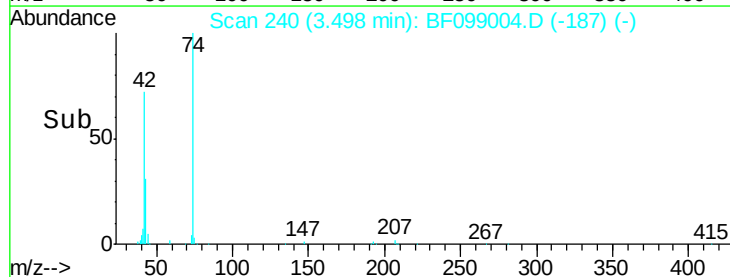
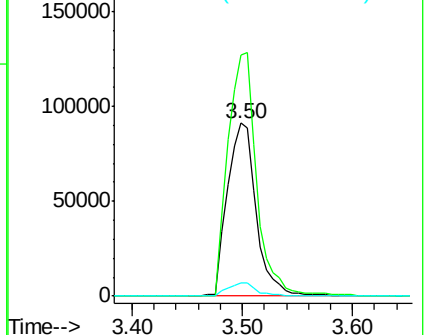
44 7.5 6.9 10.3

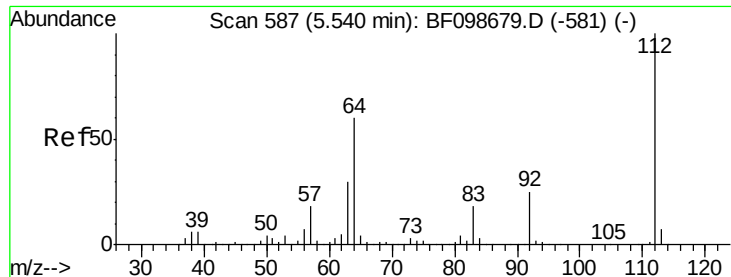


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 105.62 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampled :

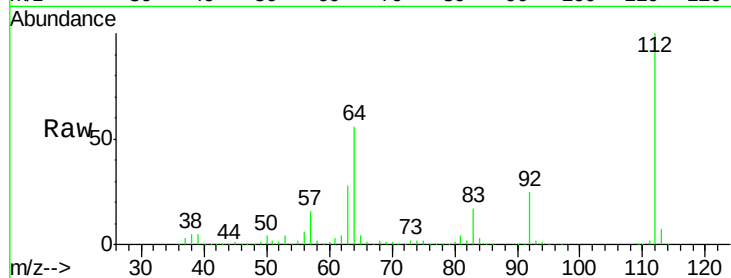
Tot Ion: 112 Resp: 974624

Ion Ratio Lower Upper

112 100

64 55.9 47.9 71.9

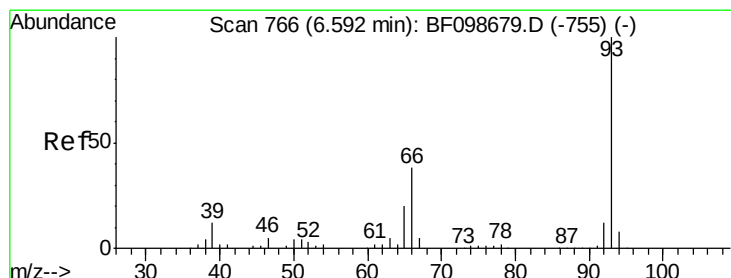
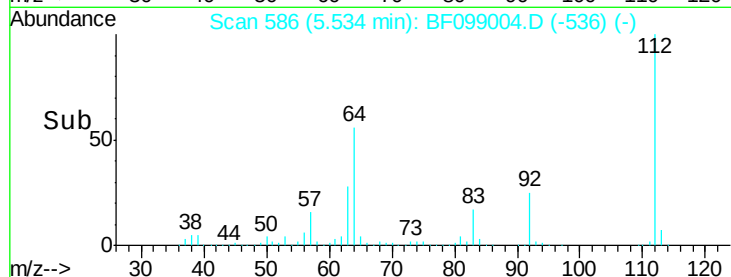
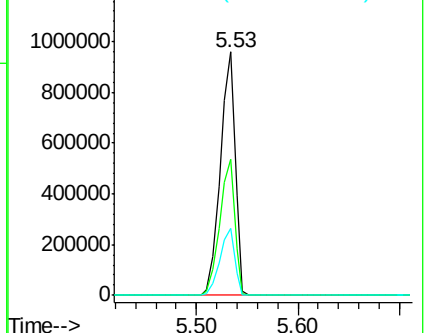
63 27.7 23.7 35.5



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: 26.36 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

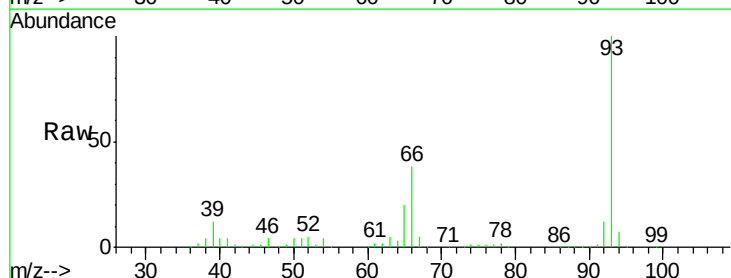
Tgt Ion: 93 Resp: 404940

Ion Ratio Lower Upper

93 100

66 38.3 32.2 48.2

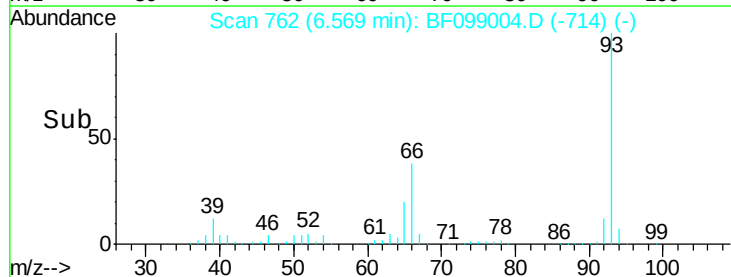
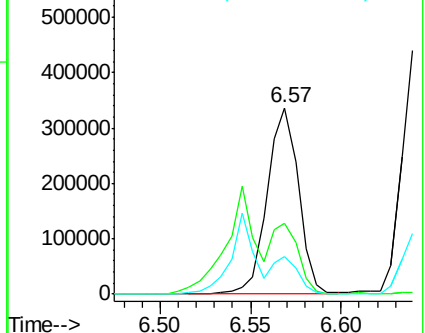
65 19.9 16.4 24.6

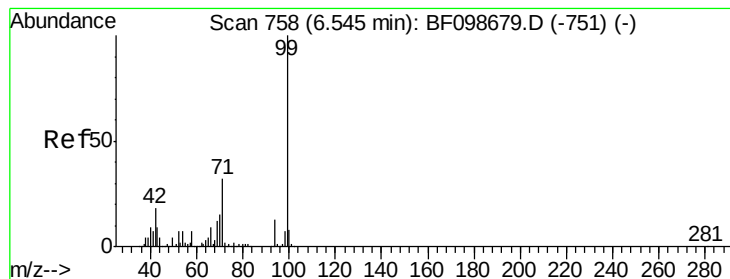


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.05 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampleId :

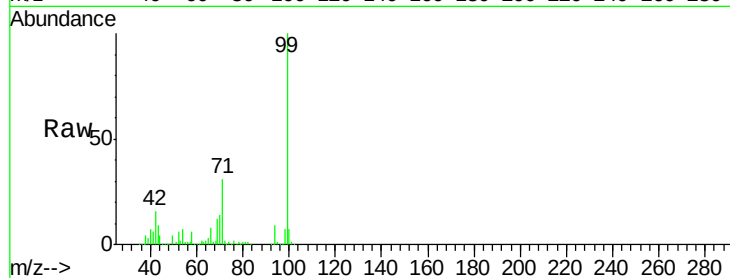
Tot Ion: 99 Resp: 1173029

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

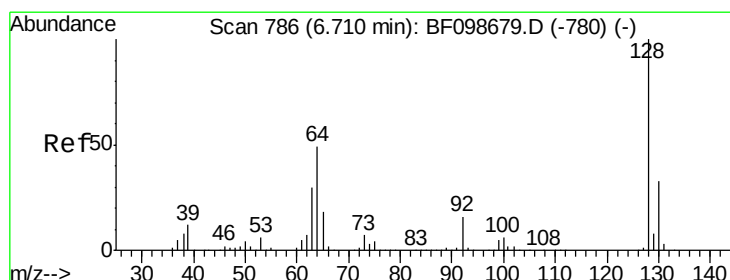
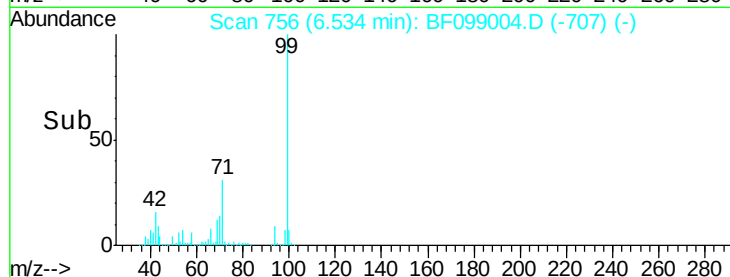
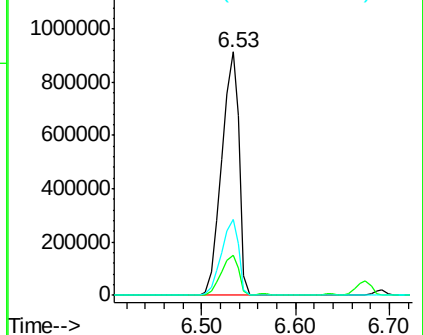
71 31.2 25.4 38.0



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: 33.54 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

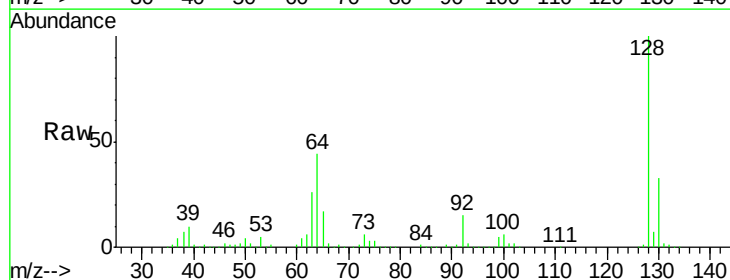
Tgt Ion: 128 Resp: 350497

Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

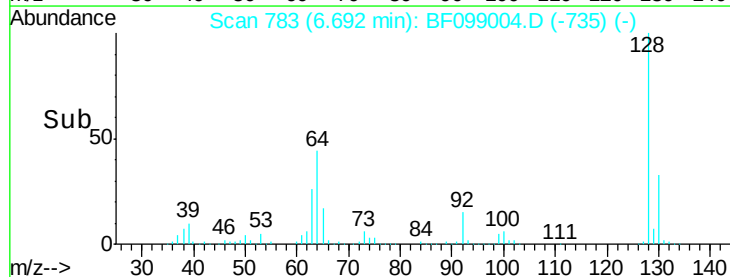
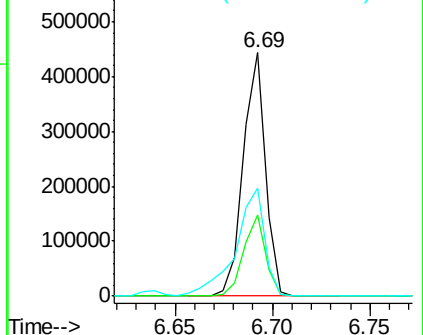
64 44.2 29.4 69.4

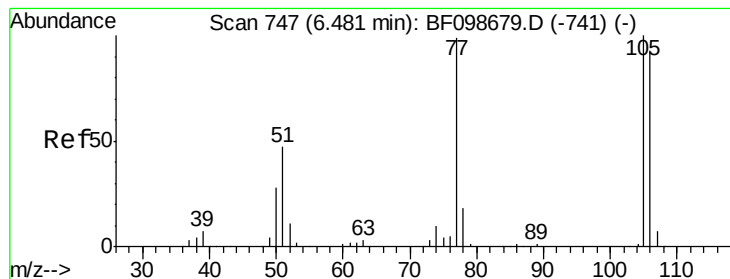


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.09 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampled :

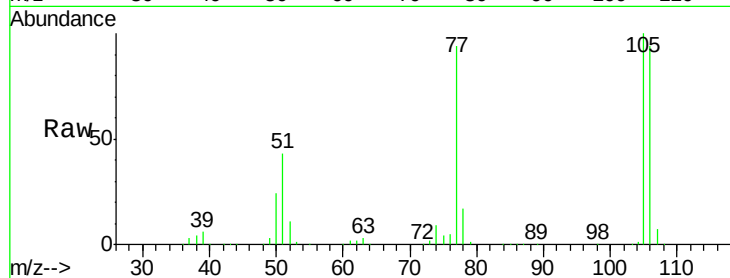
Tot Ion: 77 Resp: 178883

Ion Ratio Lower Upper

77 100

105 106.6 81.1 121.1

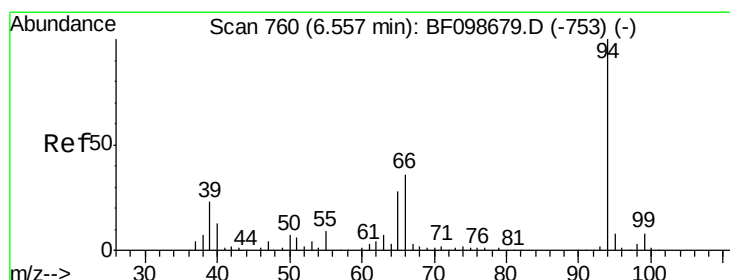
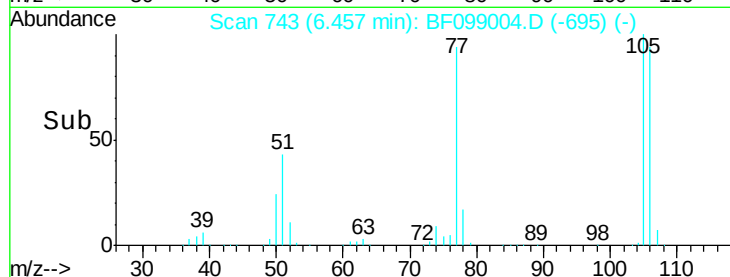
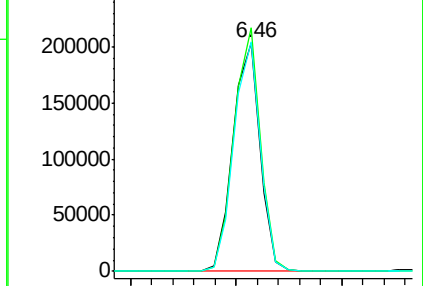
106 100.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.49 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

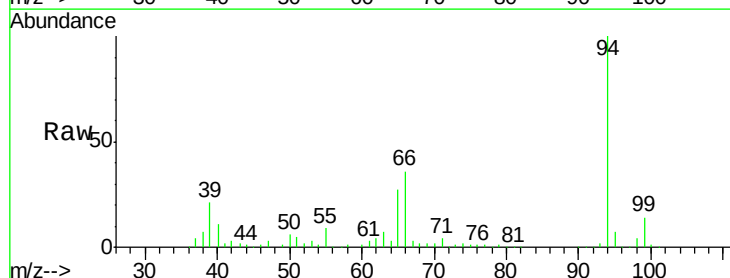
Tgt Ion: 94 Resp: 451765

Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

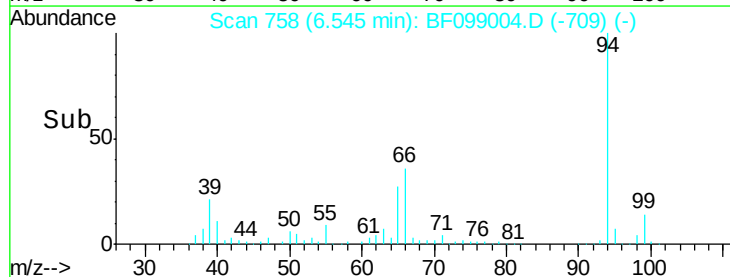
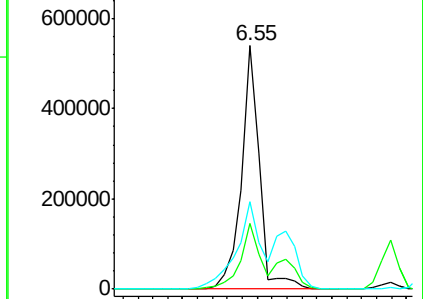
66 36.0 16.2 56.2

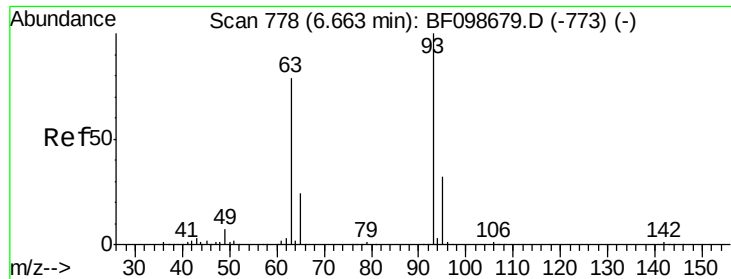


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

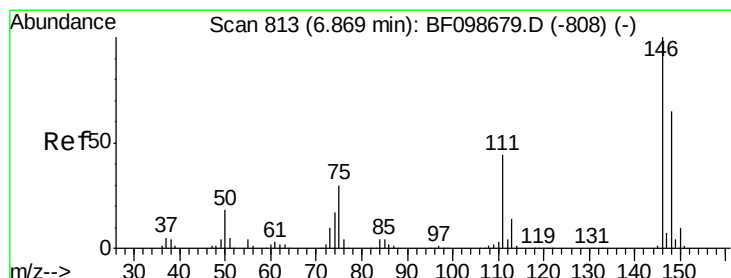
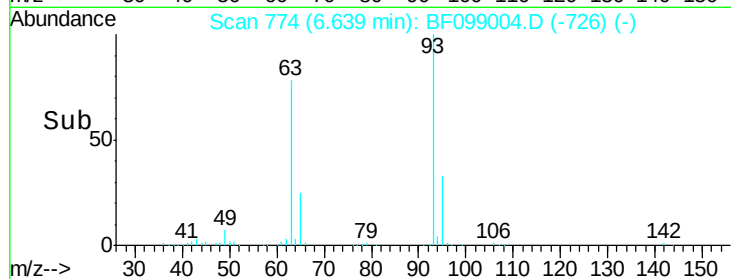
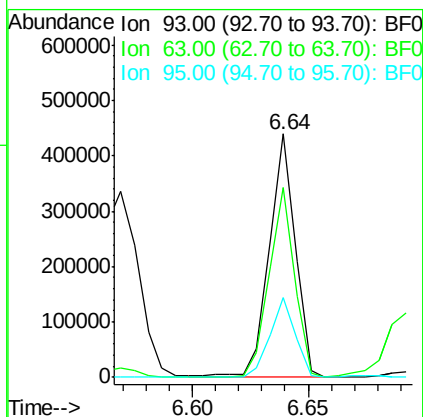
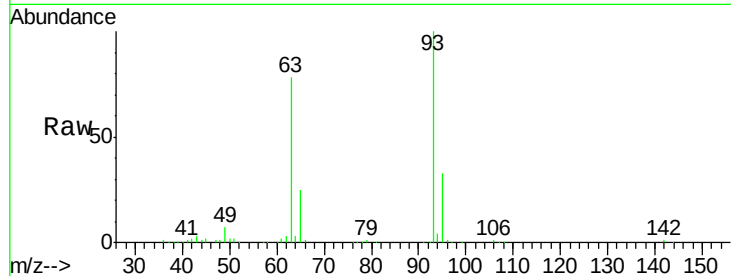




#11
bis(2-Chloroethyl)ether
Concen: 34.61 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

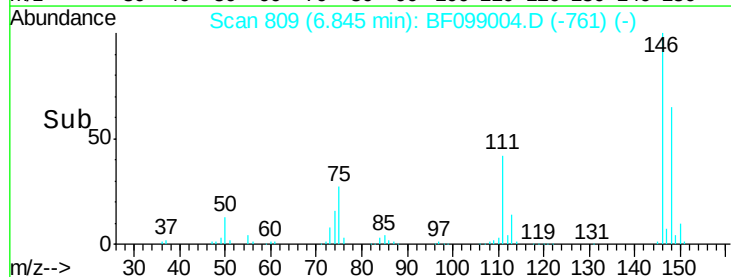
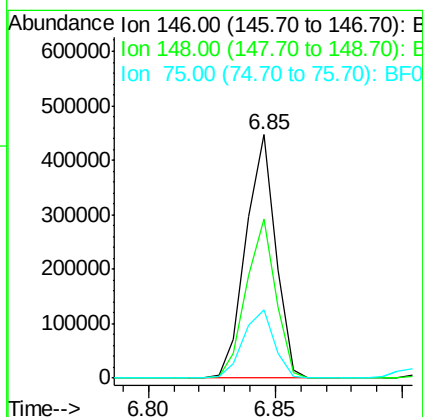
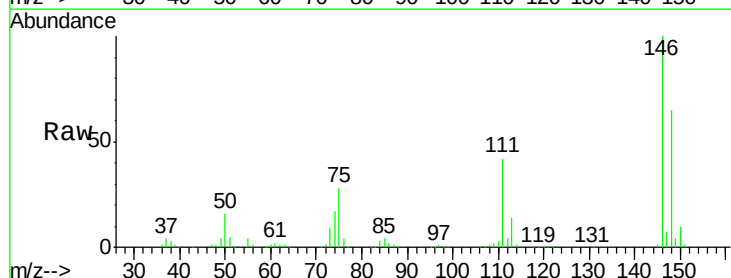
Instrument :
BNA_F
ClientSampled :

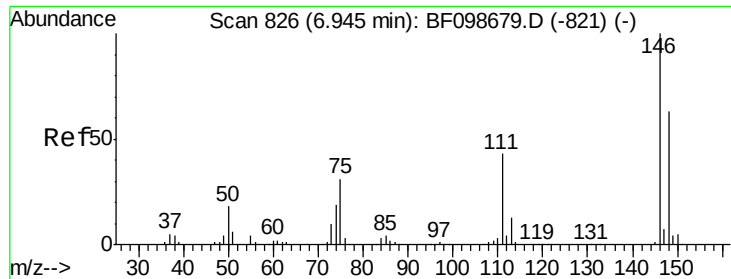
Tot Ion: 93 Resp: 342542
Ion Ratio Lower Upper
93 100
63 78.2 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 33.33 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion: 146 Resp: 364738
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.8
75 27.8 24.2 36.4

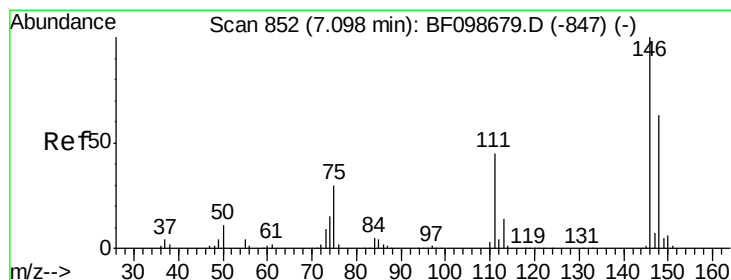
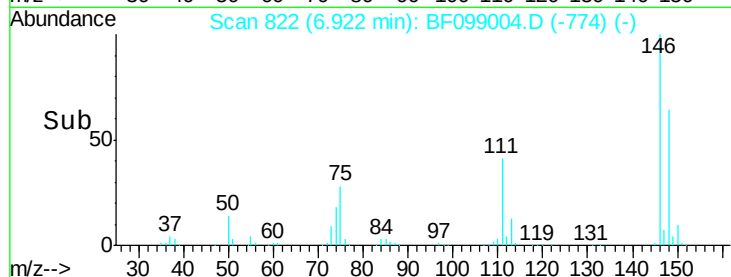
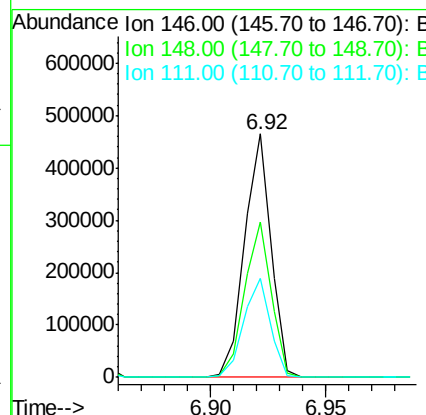
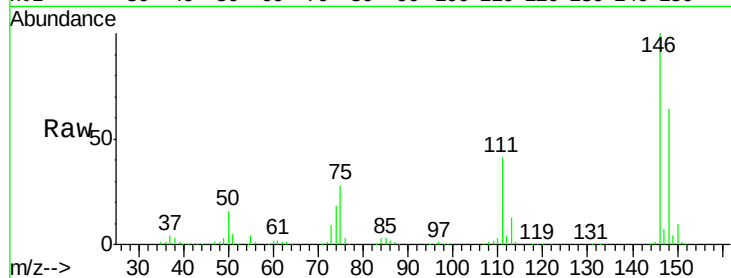




#13
 1,4-Dichlorobenzene
 Concen: 33.47 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

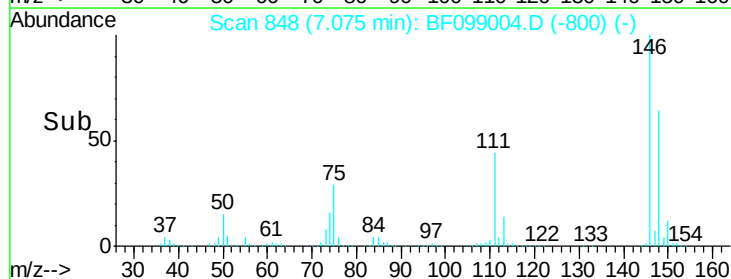
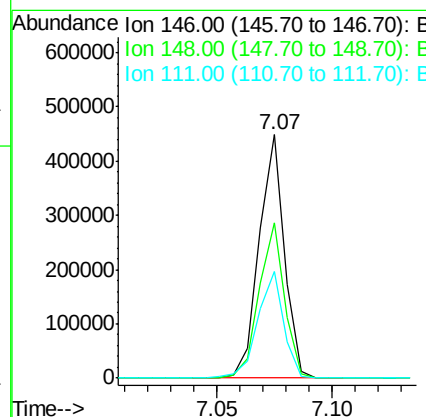
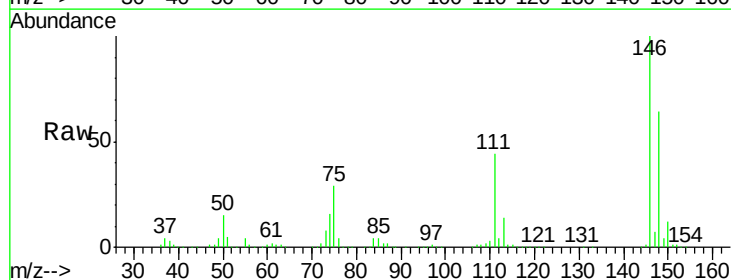
Instrument :
 BNA_F
 ClientSampled :

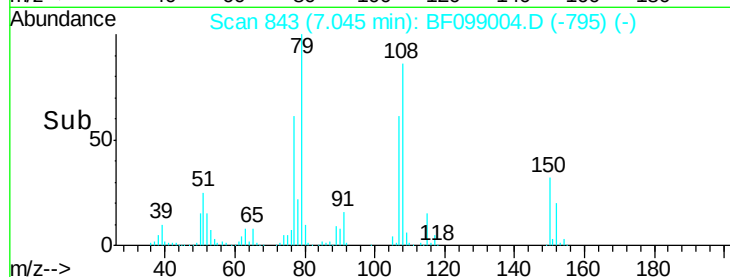
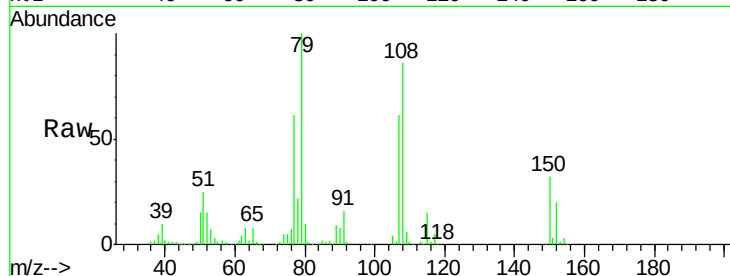
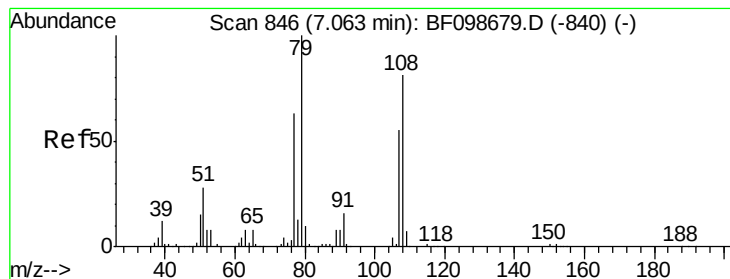
Tot Ion:146 Resp: 372641
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 40.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 33.43 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion:146 Resp: 343899
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 43.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.25 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

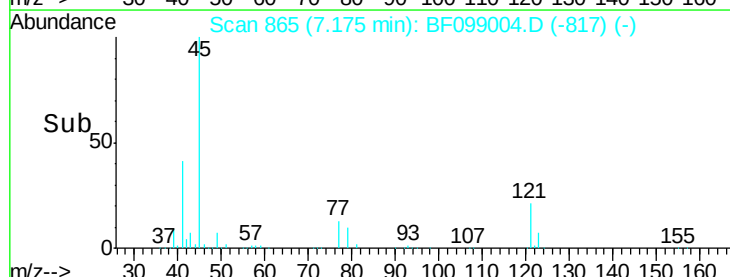
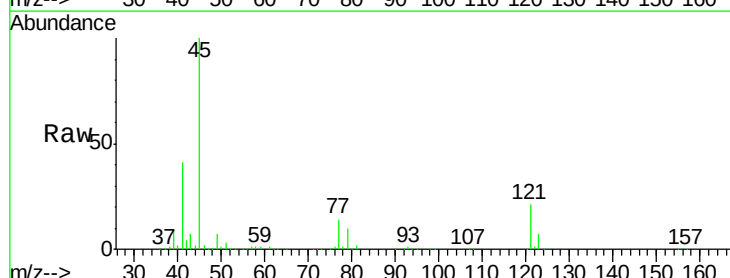
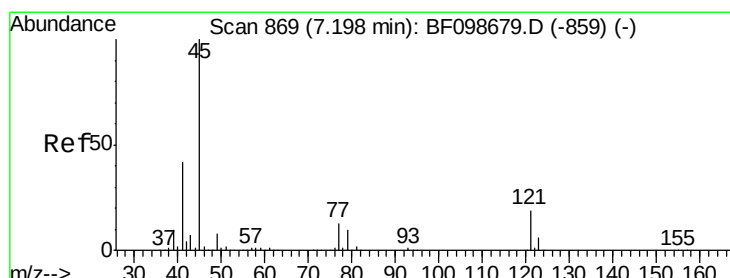
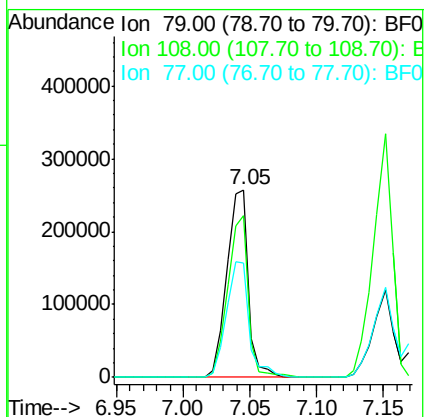
Tot Ion: 79 Resp: 294389

Ion Ratio Lower Upper

79 100

108 86.4 65.1 97.7

77 61.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.36 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

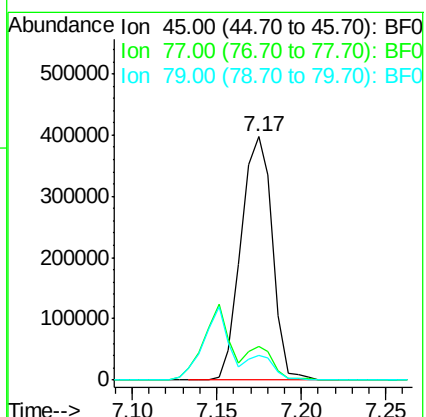
Tgt Ion: 45 Resp: 514428

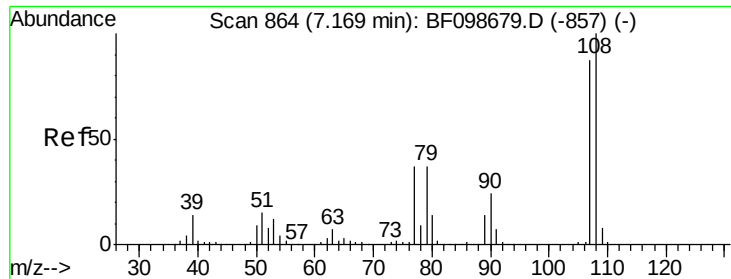
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.9

79 10.3 0.0 29.6

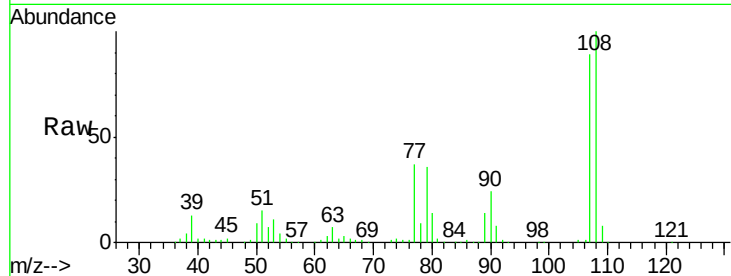




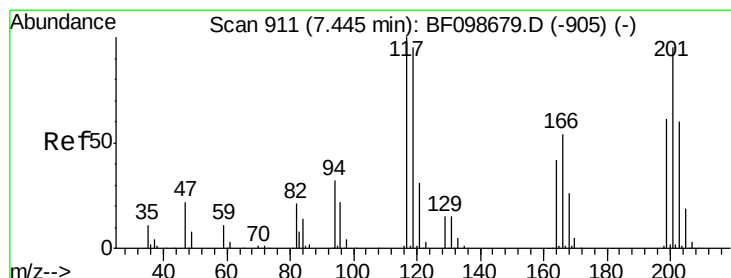
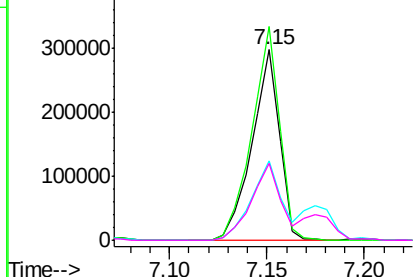
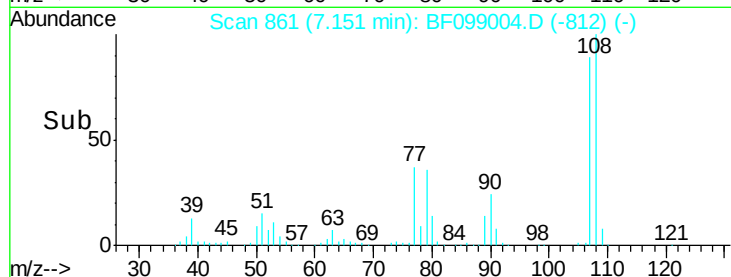
#17
2-Methylphenol
Concen: 34.10 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 291524
Ion Ratio Lower Upper
107 100
108 112.3 91.7 137.5
77 41.7 33.8 50.8
79 40.5 33.8 50.8

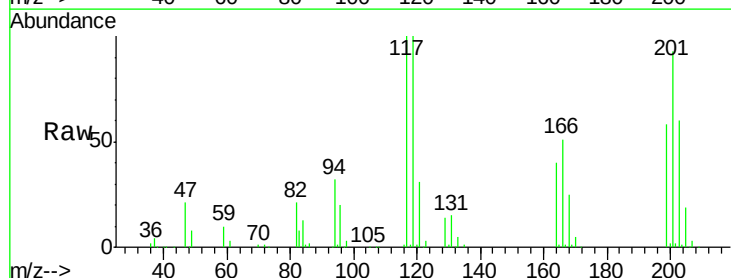


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

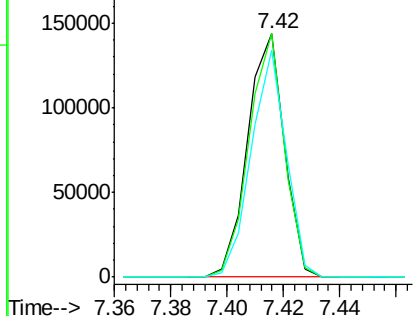
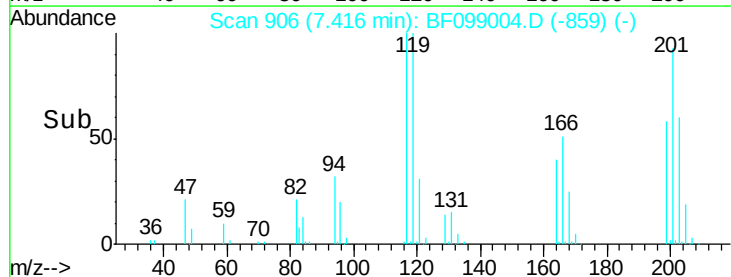


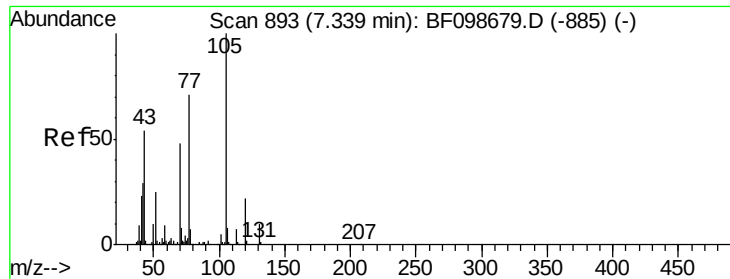
#18
Hexachloroethane
Concen: 32.30 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:117 Resp: 129281
Ion Ratio Lower Upper
117 100
119 99.8 75.8 113.8
201 93.5 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

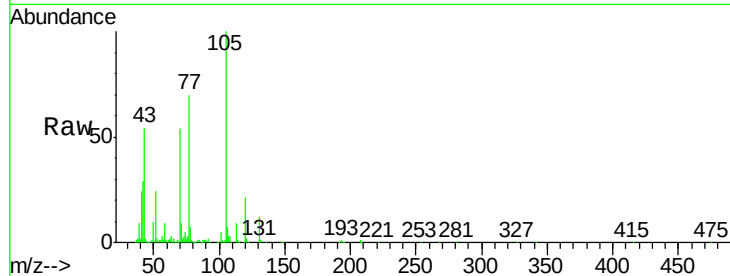




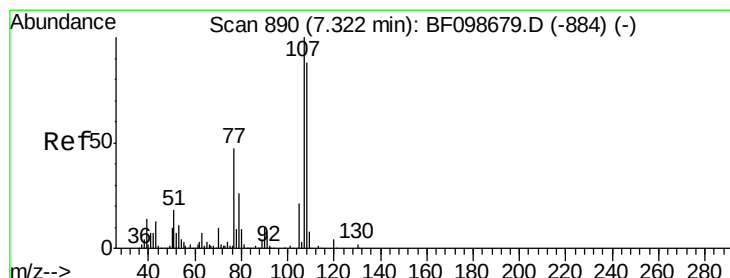
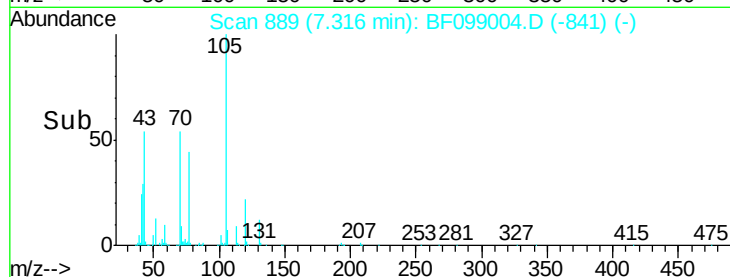
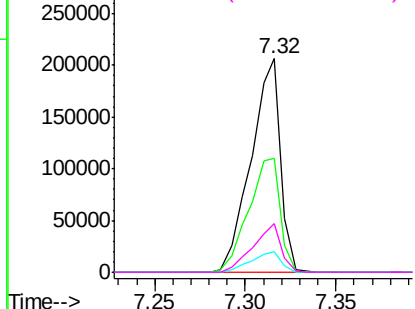
#19
n-Nitroso-di-n-propylamine
Concen: 32.09 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 233199
Ion Ratio Lower Upper
70 100
42 53.6 47.5 71.3
101 9.6 7.4 11.2
130 22.7 16.6 25.0

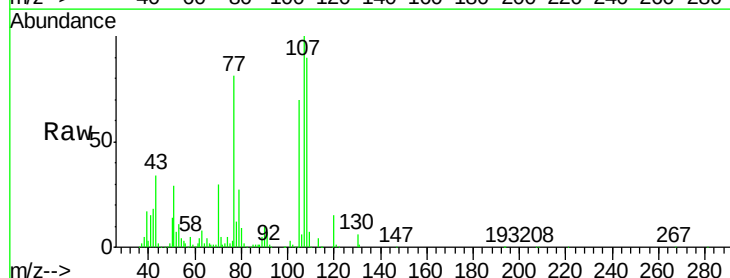


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

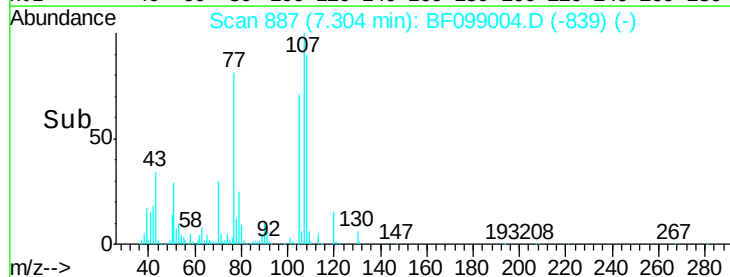
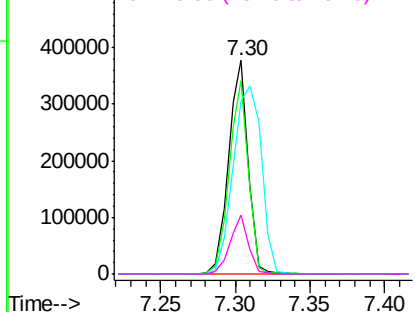


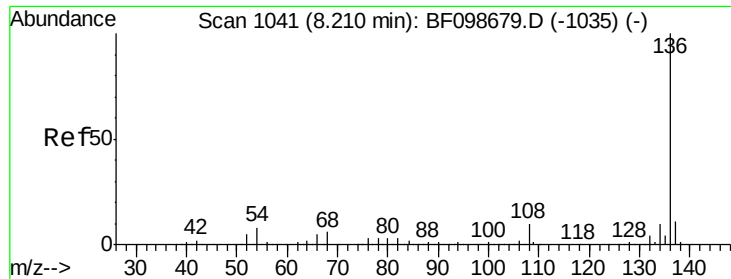
#20
3+4-Methylphenols
Concen: 32.51 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion: 107 Resp: 351646
Ion Ratio Lower Upper
107 100
108 90.5 68.2 108.2
77 81.2 26.7 66.7#
79 27.4 6.3 46.3



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

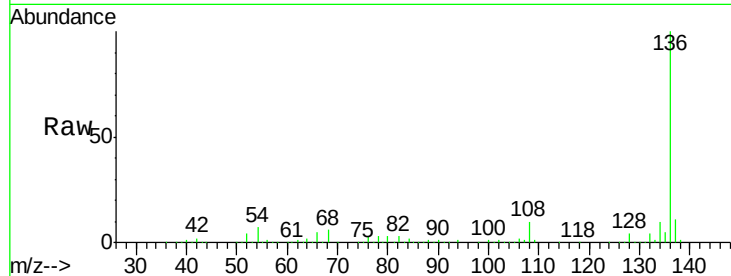




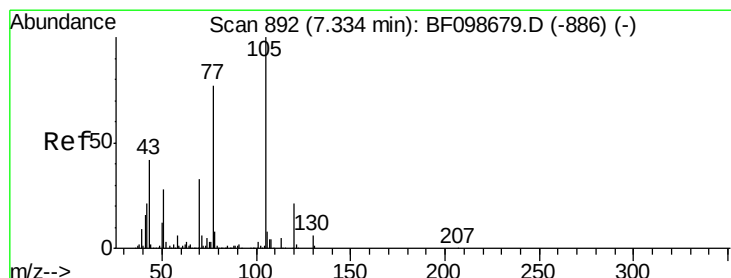
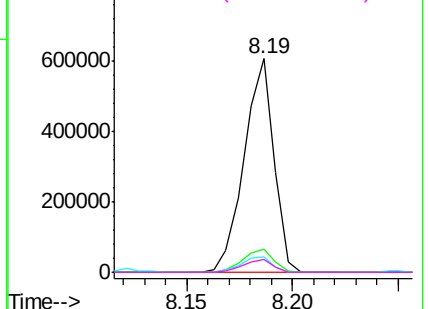
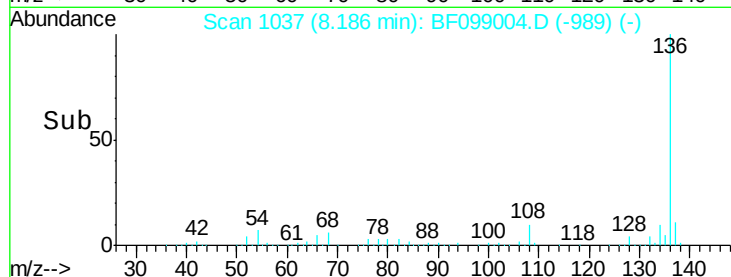
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	589694
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 7.4	6.6	9.8
68 5.9	5.0	7.4

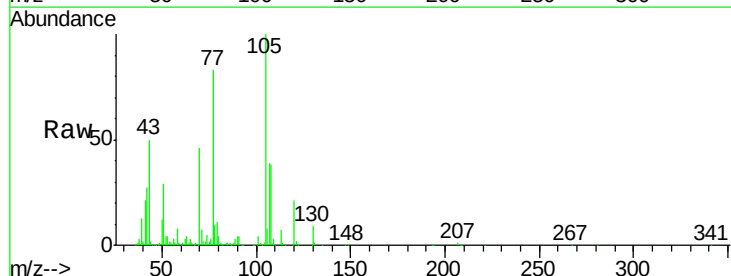


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

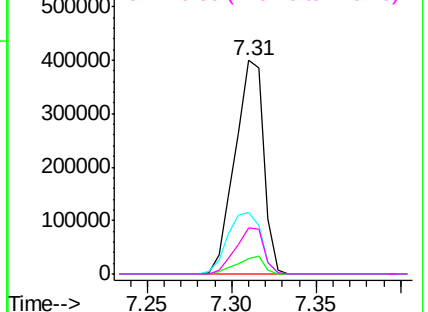
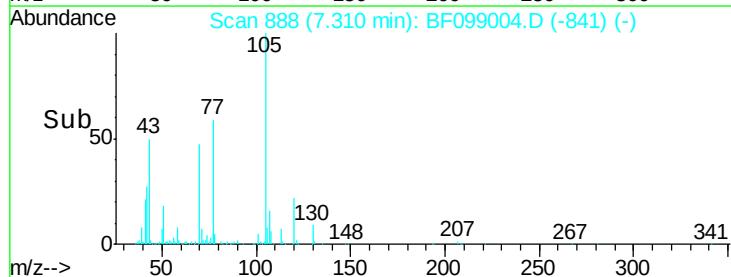


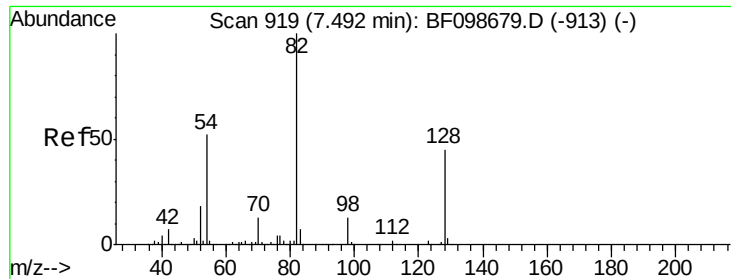
#22
Acetophenone
Concen: 33.23 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:105	Resp:	474753
Ion Ratio	Lower	Upper
105 100		
71 7.3	4.4	6.6#
51 28.7	22.3	33.5
120 21.4	16.9	25.3



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

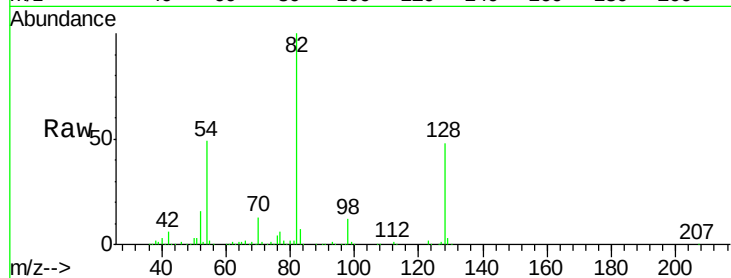




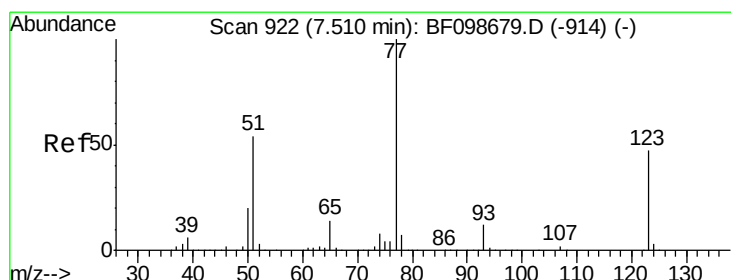
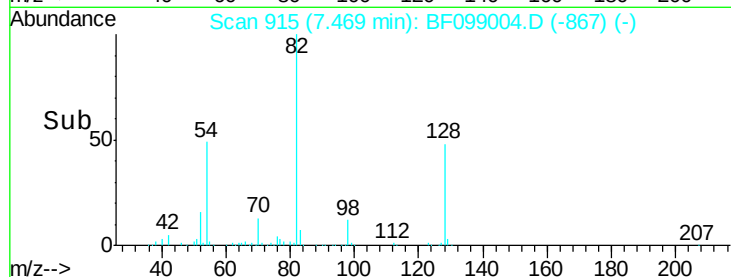
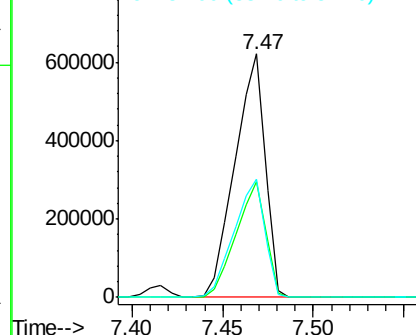
#23
 Nitrobenzene-d5
 Concen: 78.01 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 717292
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.1 54.1
 54 48.5 41.4 62.2

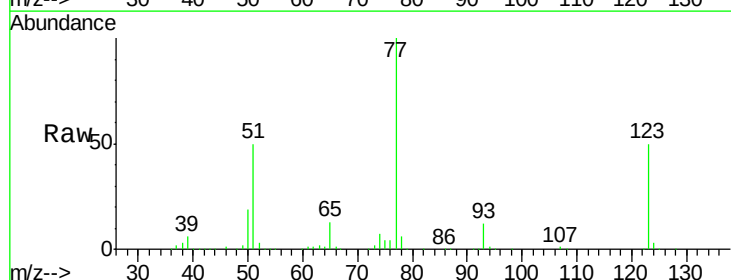


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

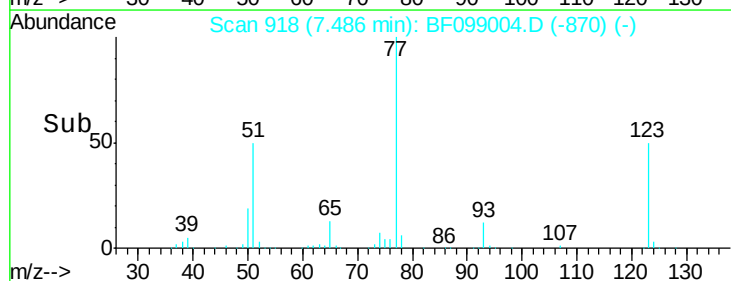
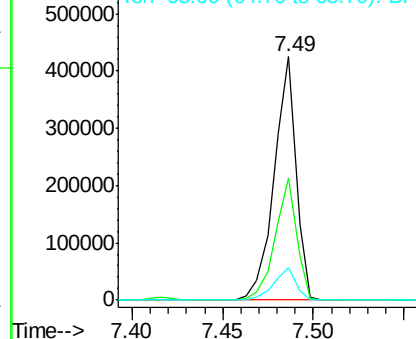


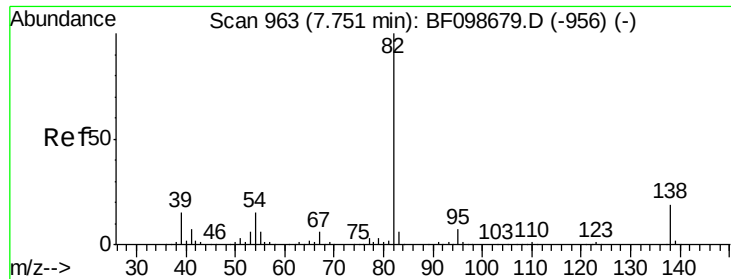
#24
 Nitrobenzene
 Concen: 34.29 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion: 77 Resp: 357716
 Ion Ratio Lower Upper
 77 100
 123 50.2 37.9 56.9
 65 13.3 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.56 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampleId :

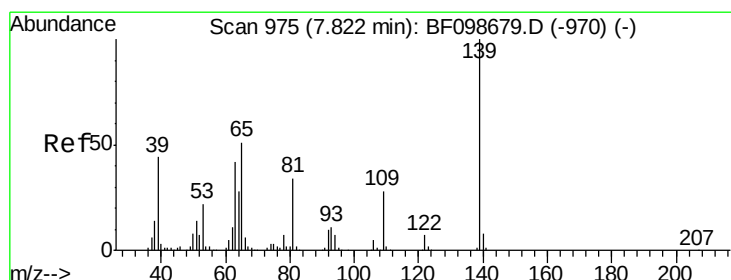
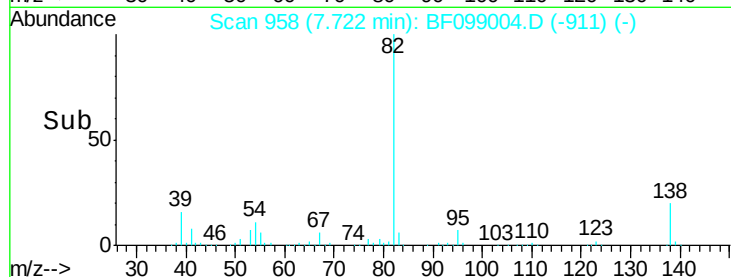
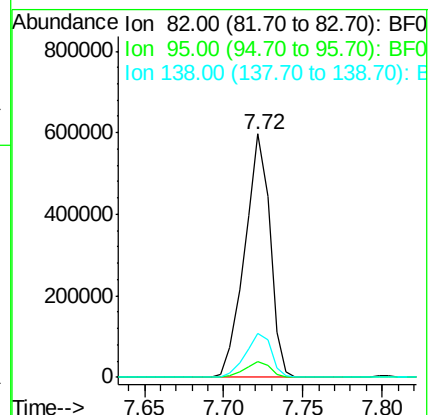
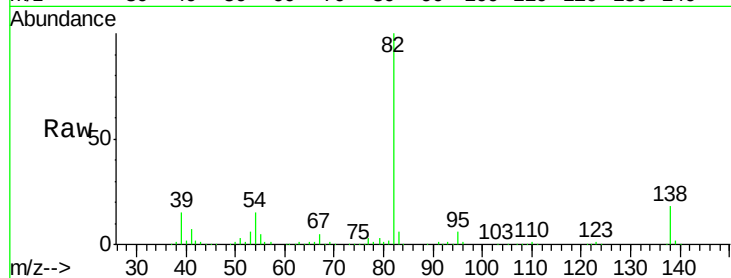
Tot Ion: 82 Resp: 657121

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 37.83 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

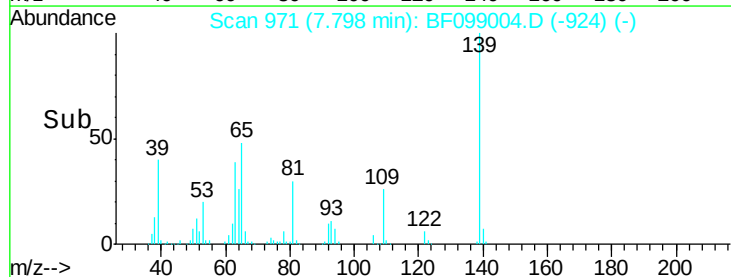
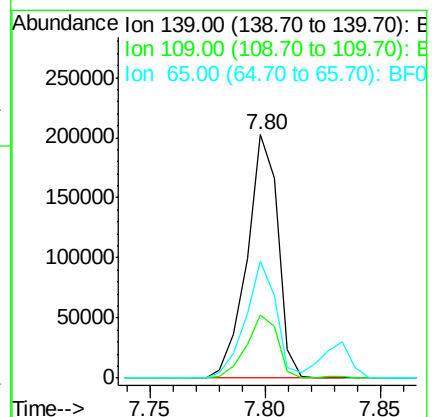
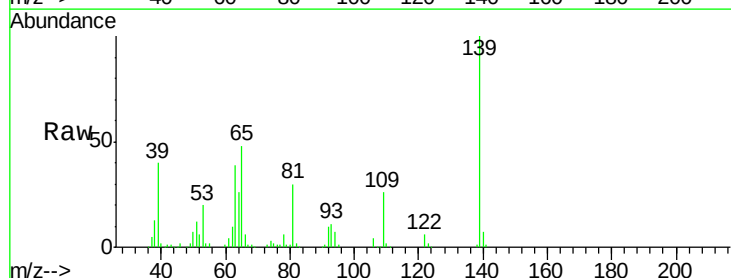
Tgt Ion: 139 Resp: 189775

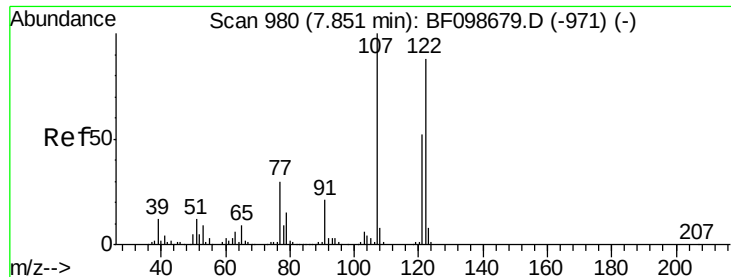
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 47.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 33.87 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.02 min

Lab File: BF099004.D

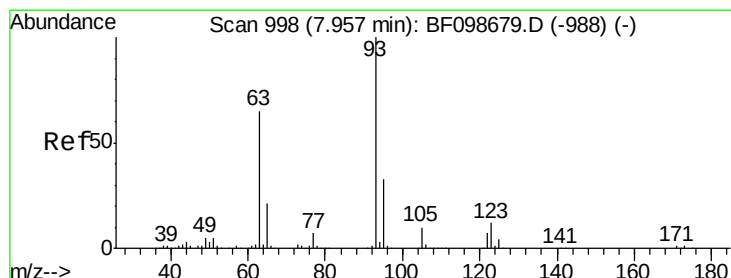
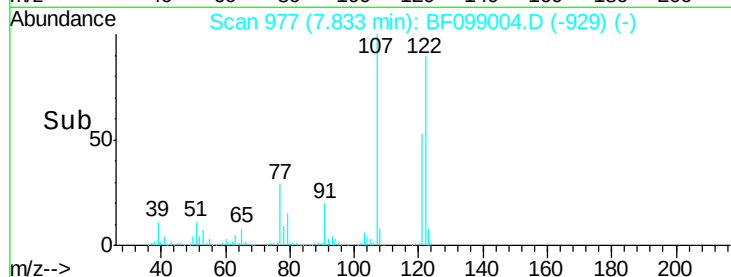
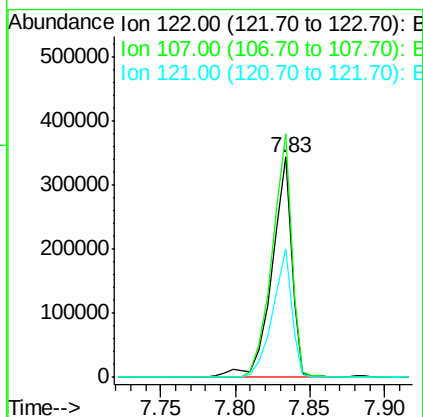
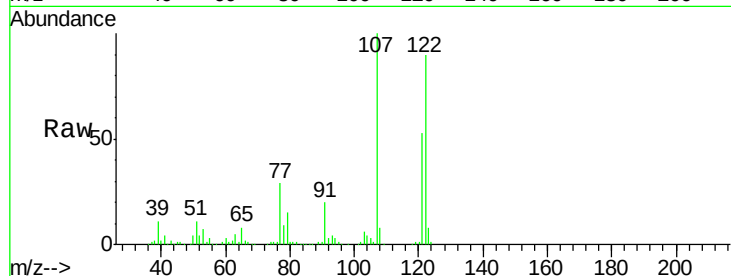
Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	122	Resp:	320868
Ion	Ratio	Lower	Upper
122	100		
107	110.6	91.2	136.8
121	58.4	47.2	70.8



#28

bis(2-Chloroethoxy)methane

Concen: 35.77 ng

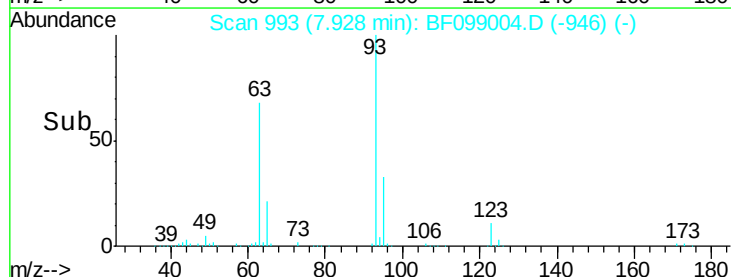
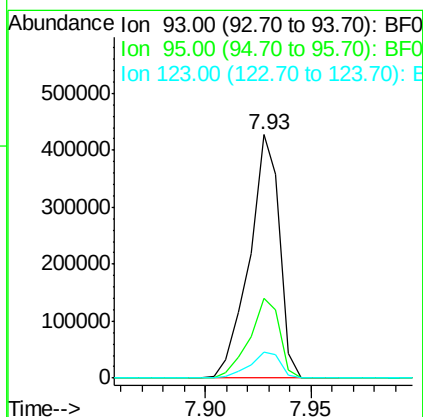
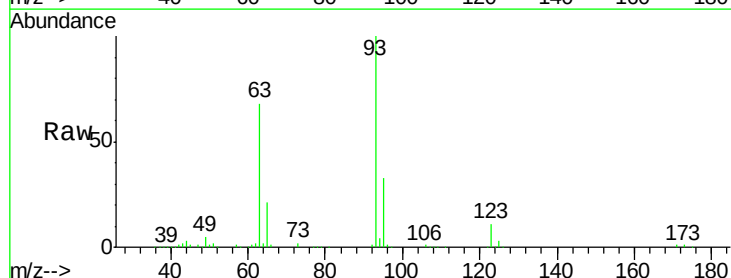
RT: 7.93 min Scan# 993

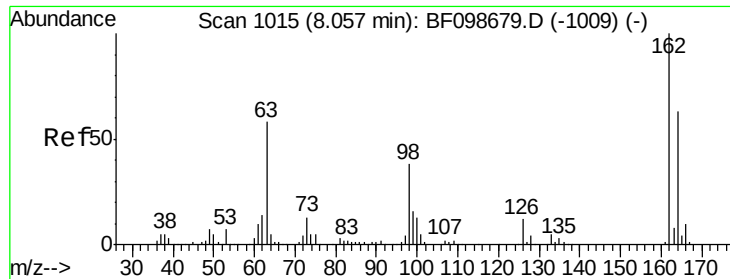
Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Tgt Ion:	93	Resp:	423828
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	10.8	9.8	14.6

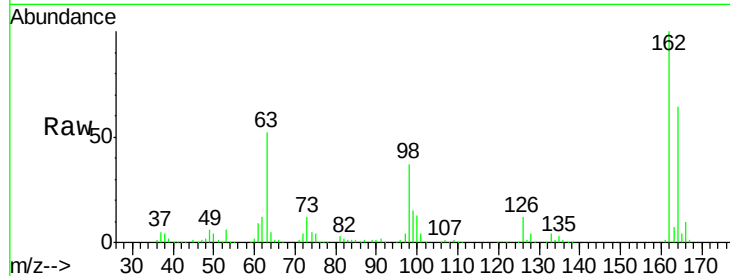




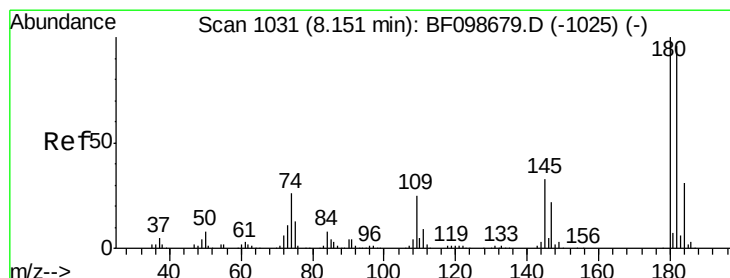
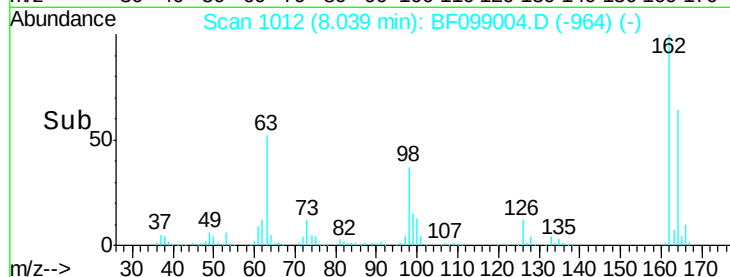
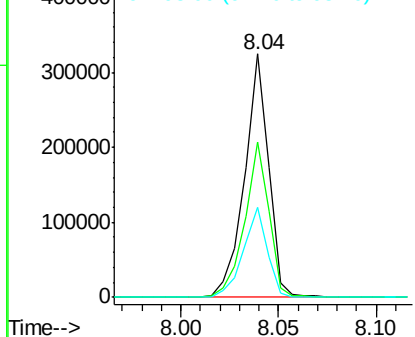
#29
 2,4-Dichlorophenol
 Concen: 34.16 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 277838
 Ion Ratio Lower Upper
 162 100
 164 63.5 42.7 82.7
 98 36.8 18.1 58.1

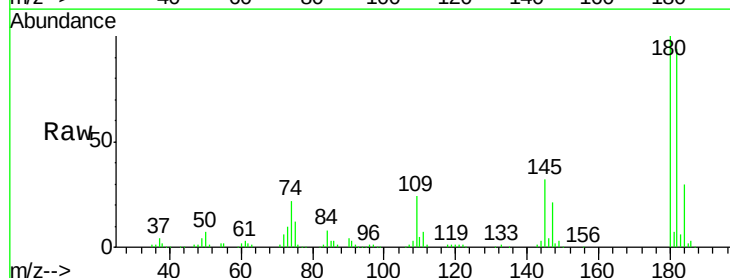


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

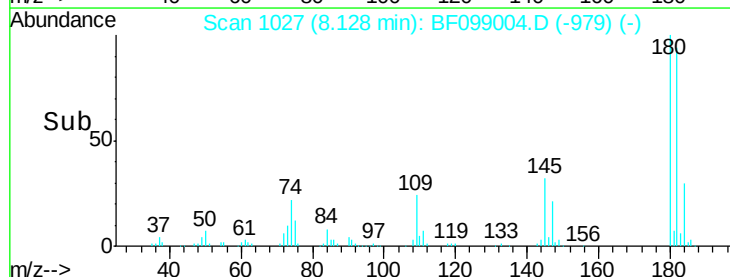
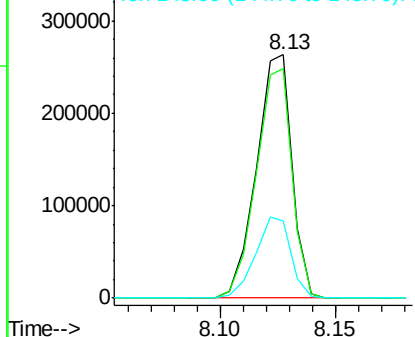


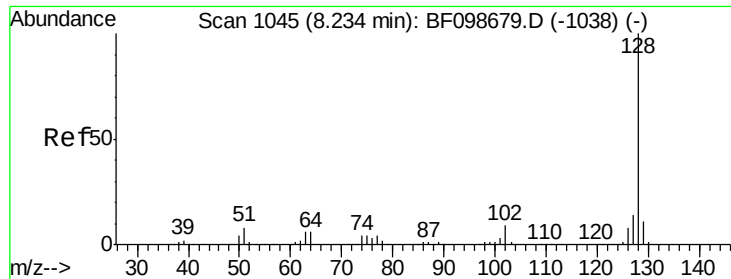
#30
 1,2,4-Trichlorobenzene
 Concen: 34.71 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion:180 Resp: 282344
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.8 115.2
 145 31.7 26.5 39.7



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

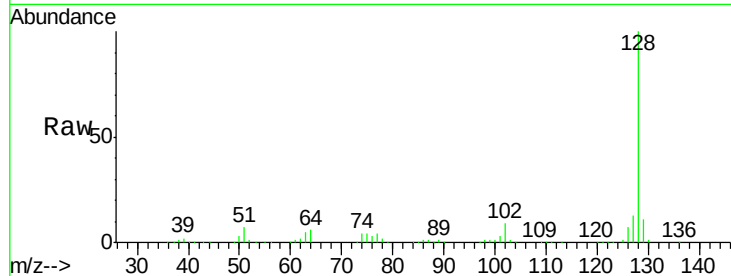




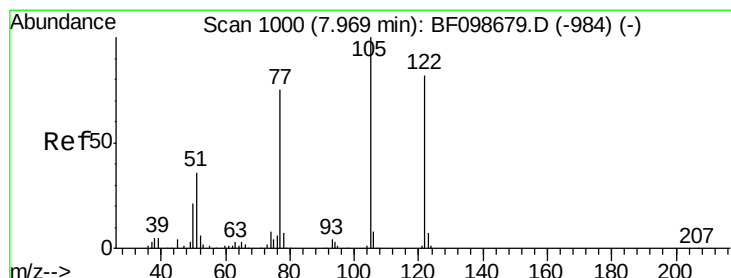
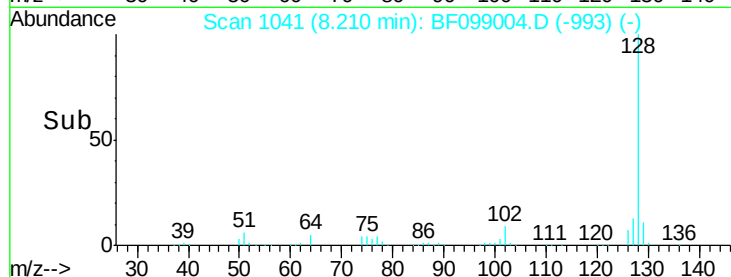
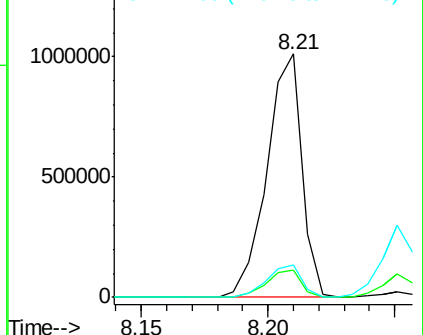
#31
Naphthalene
Concen: 35.51 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 983382
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.9 16.3

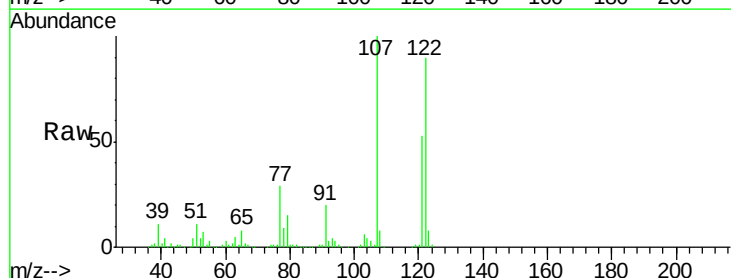


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

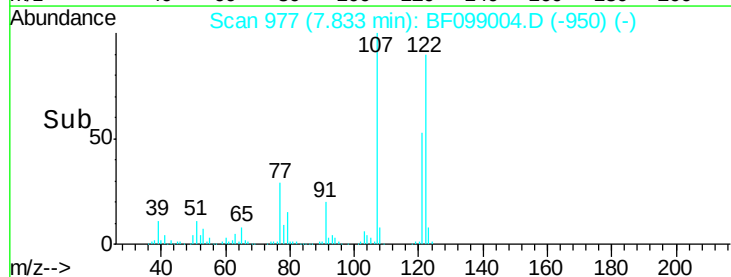
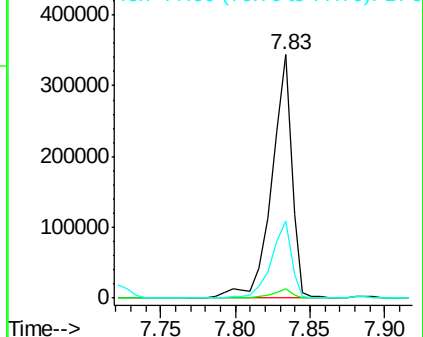


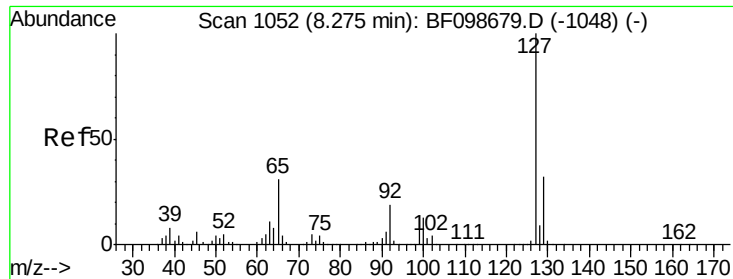
#32
Benzoic acid
Concen: 41.24 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.14 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:122 Resp: 320868
Ion Ratio Lower Upper
122 100
105 3.8 101.1 141.1#
77 31.7 70.7 110.7#



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

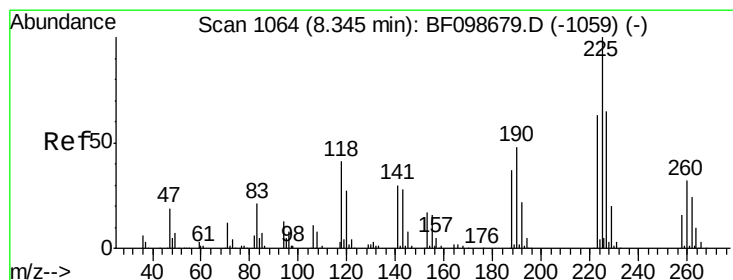
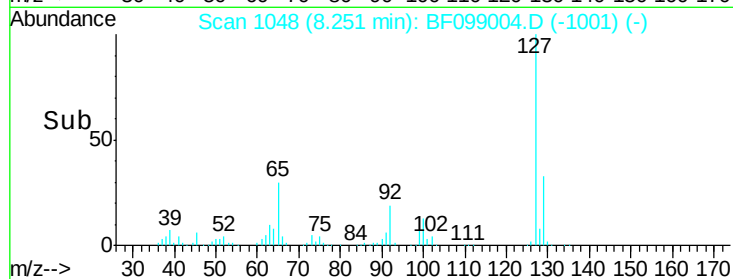
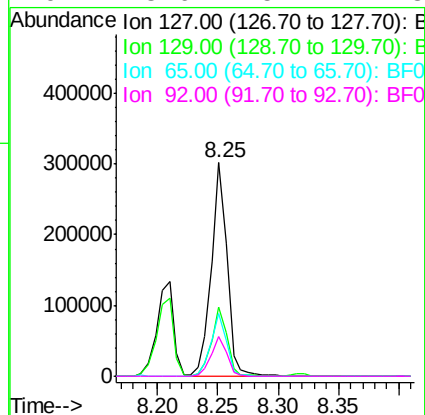
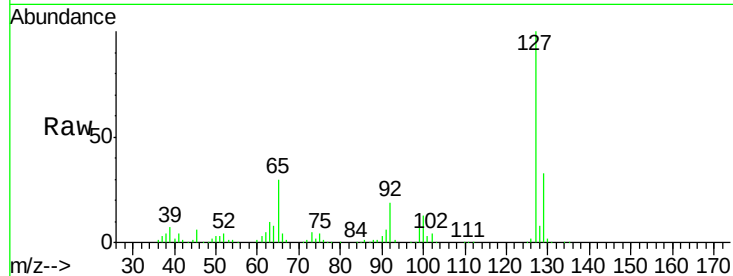




#33
4-Chloroaniline
Concen: 23.69 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

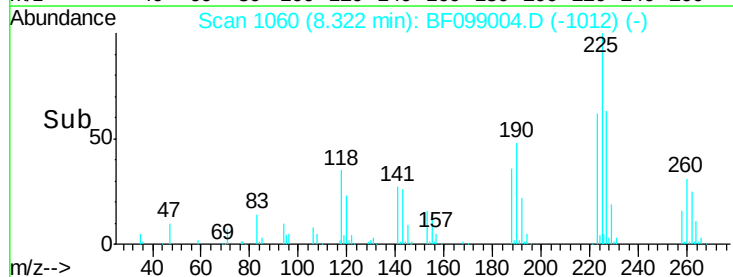
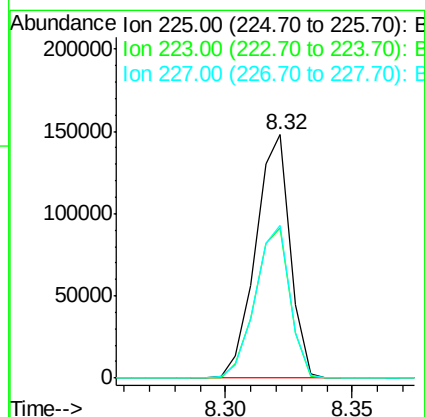
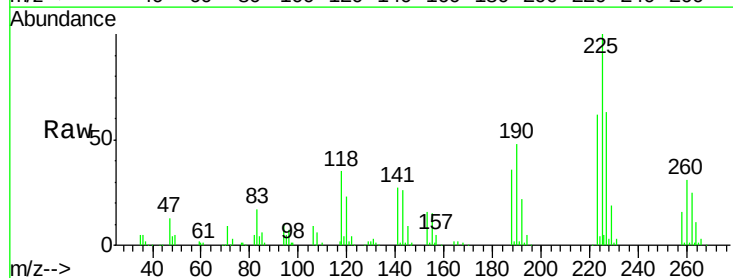
Instrument :
BNA_F
ClientSampleId :

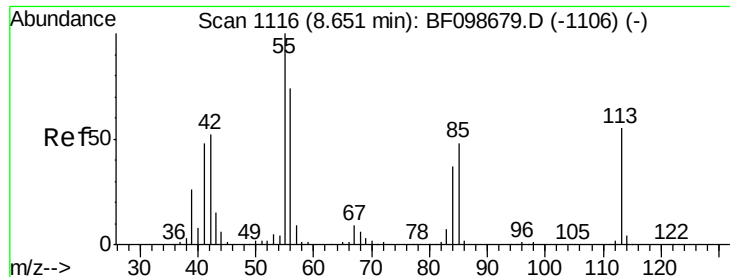
Tot Ion:	127	Resp:	273954
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.6	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 33.42 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:	225	Resp:	140004
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	62.8	51.9	77.9

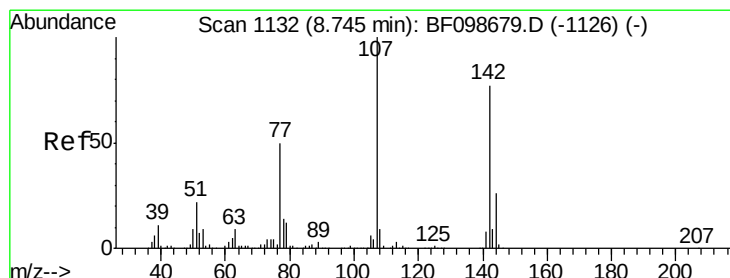
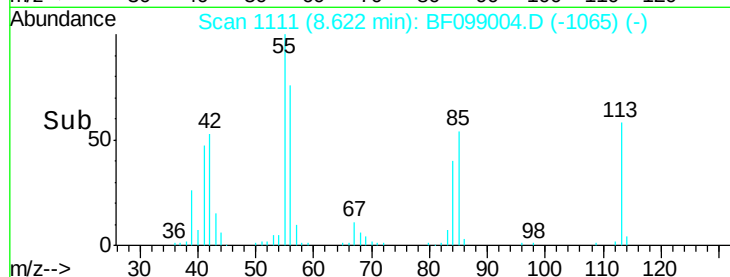
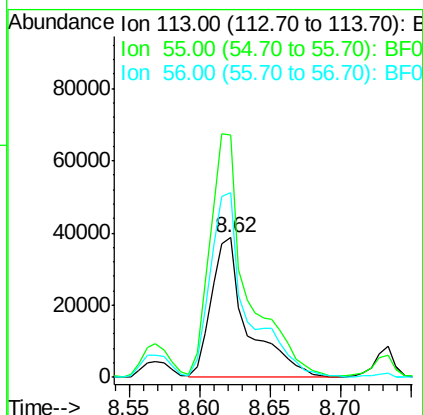
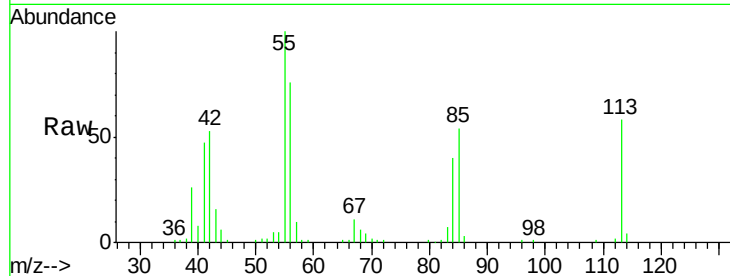




#35
 Caprolactam
 Concen: 26.59 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.03 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

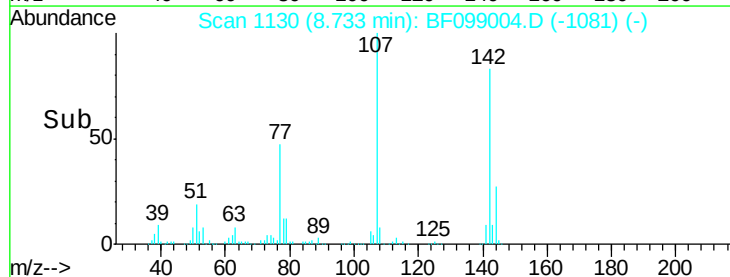
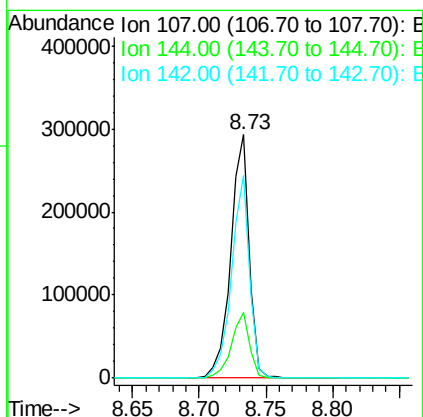
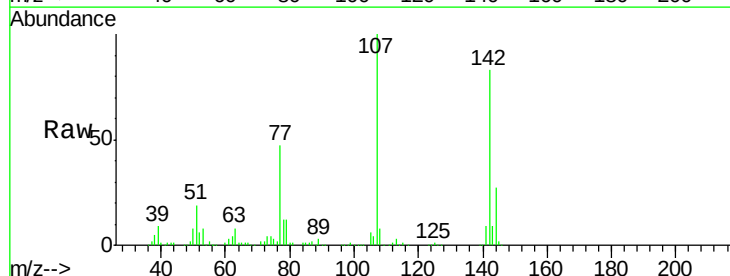
Instrument :
 BNA_F
 ClientSampled :

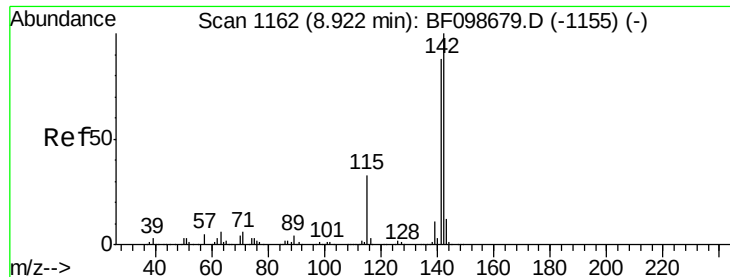
Tot Ion:113 Resp: 69376
 Ion Ratio Lower Upper
 113 100
 55 173.8 163.3 203.3
 56 132.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 31.41 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion:107 Resp: 287144
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 83.0 62.0 93.0

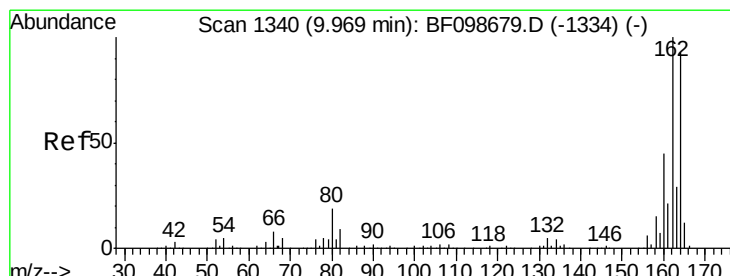
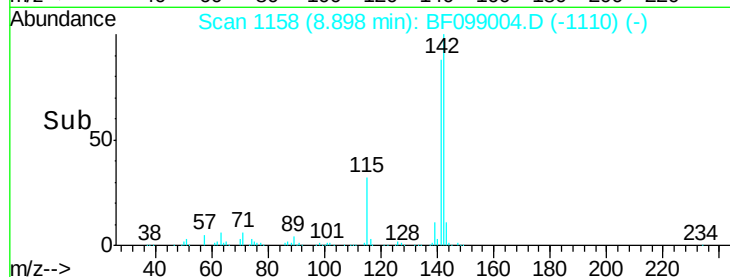
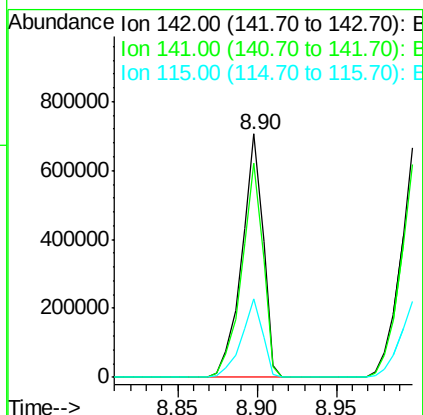
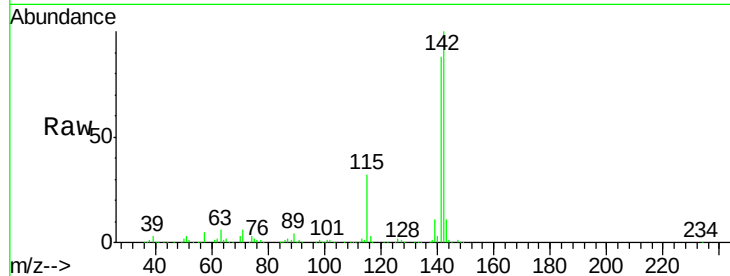




#37
 2-Methylnaphthalene
 Concen: 36.51 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

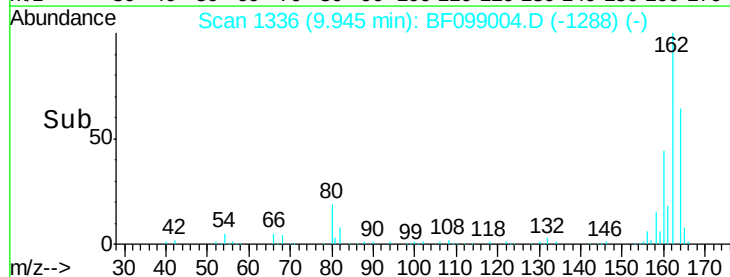
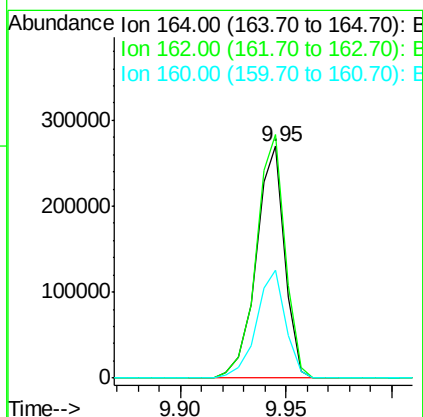
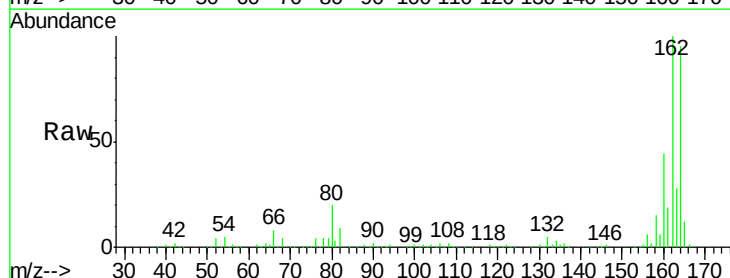
Instrument :
 BNA_F
 ClientSampled :

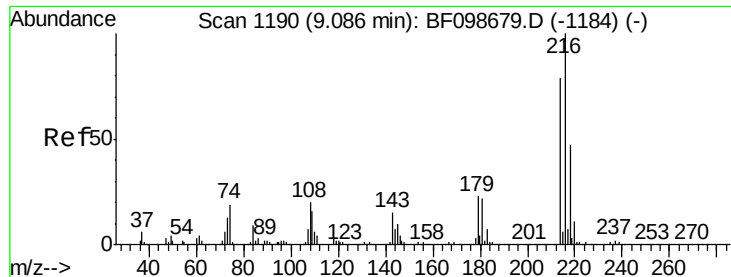
Tot Ion:142 Resp: 657269
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.8 106.2
 115 32.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion:164 Resp: 253611
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 46.4 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.93 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 249082

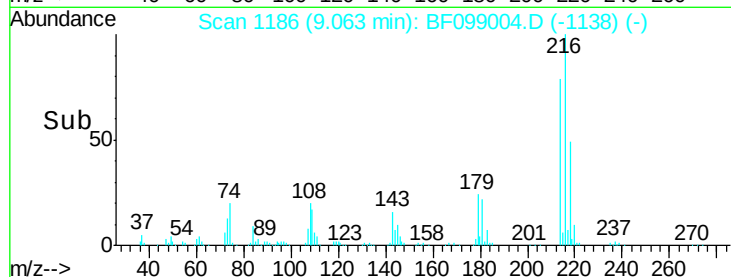
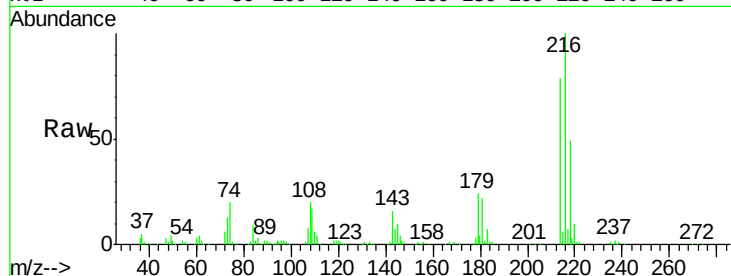
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 22.8 18.1 27.1

108 22.8 17.2 25.8

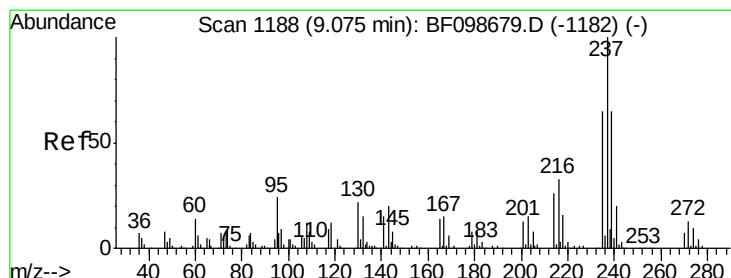
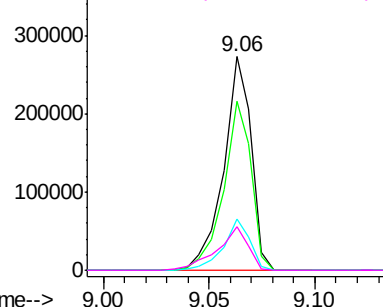


Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.50 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

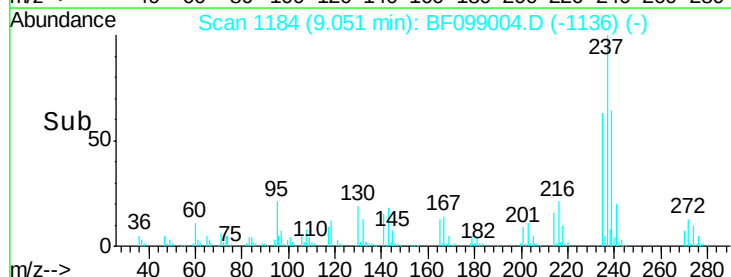
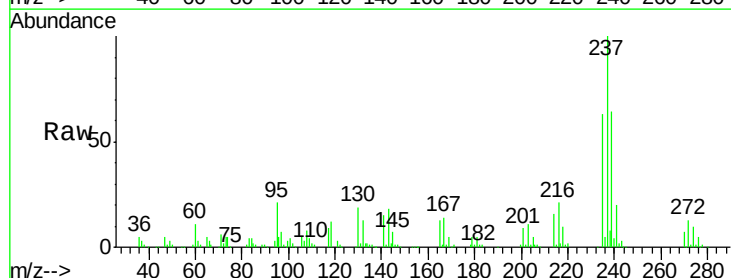
Tgt Ion:237 Resp: 229859

Ion Ratio Lower Upper

237 100

235 63.5 44.8 84.8

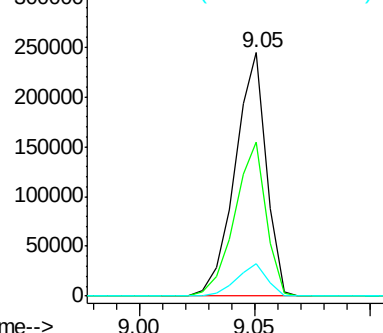
272 13.4 0.0 33.3

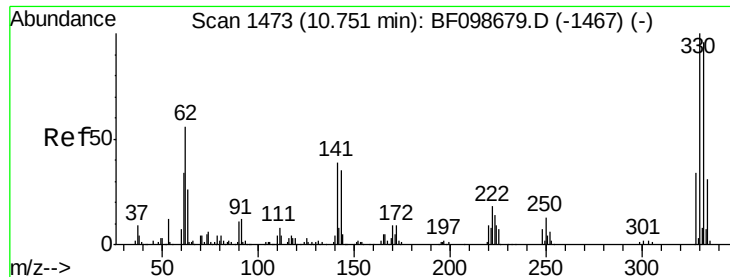


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

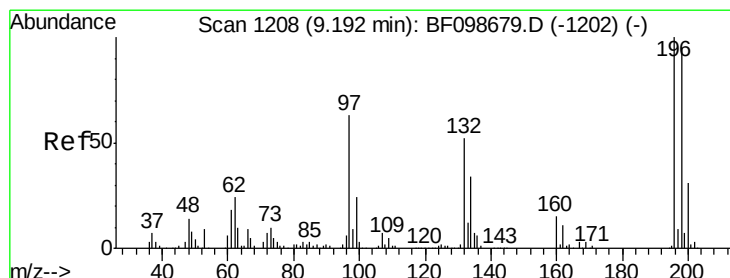
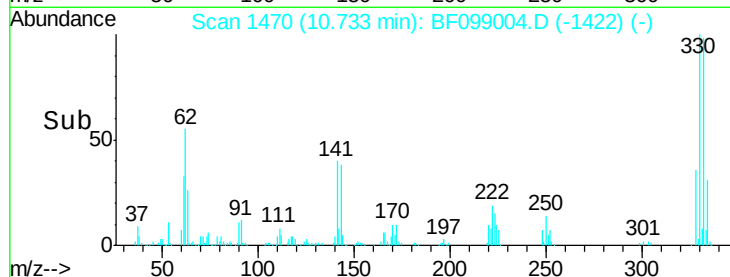
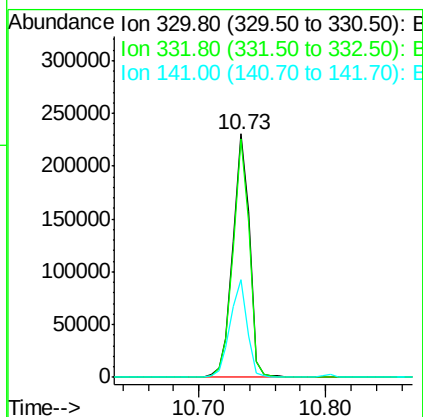
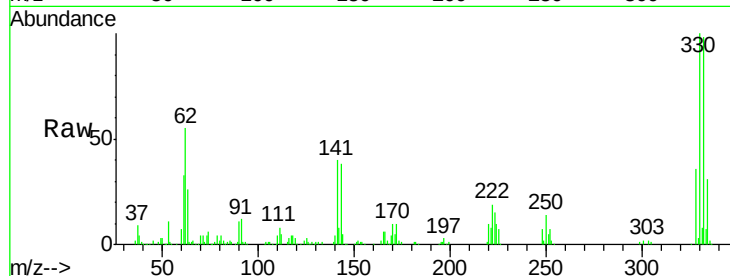




#41
 2,4,6-Tribromophenol
 Concen: 99.78 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

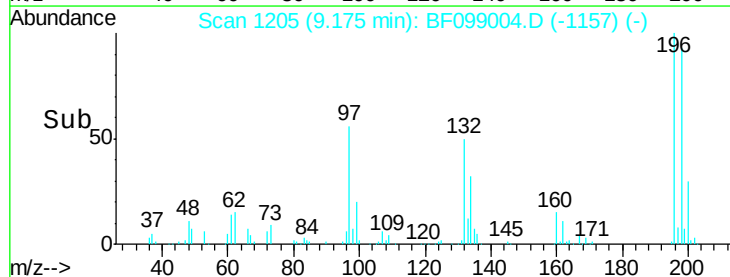
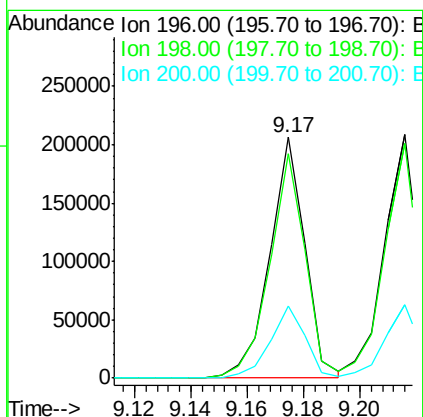
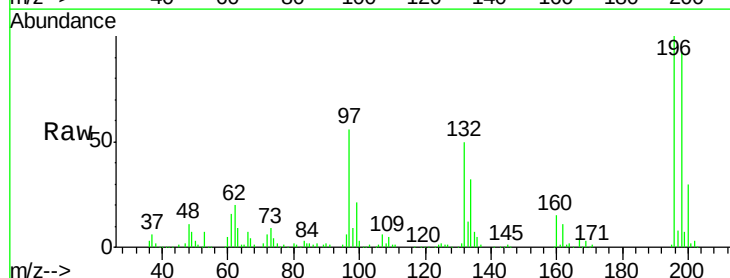
Instrument :
 BNA_F
 ClientSampleId :

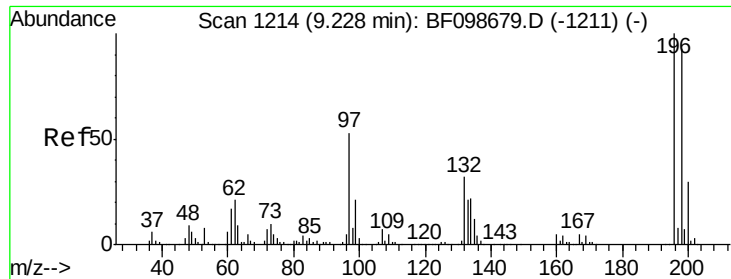
Tot Ion:330 Resp: 207069
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 41.3 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 33.28 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion:196 Resp: 178307
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 200 30.1 24.5 36.7

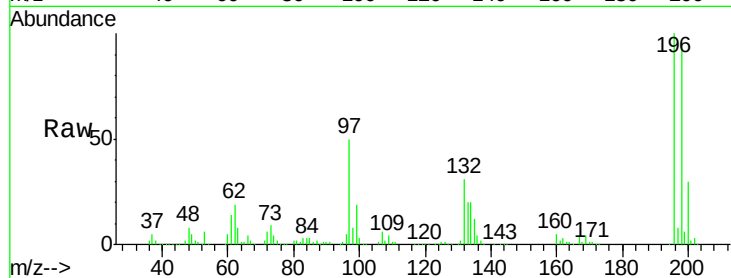




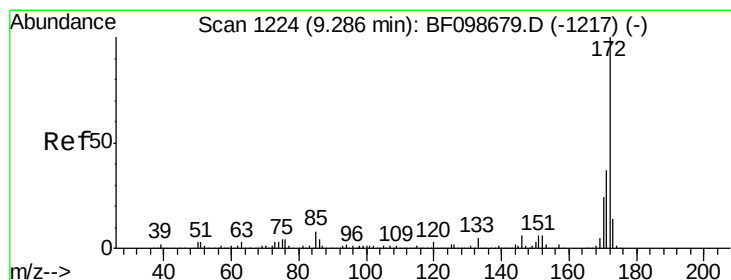
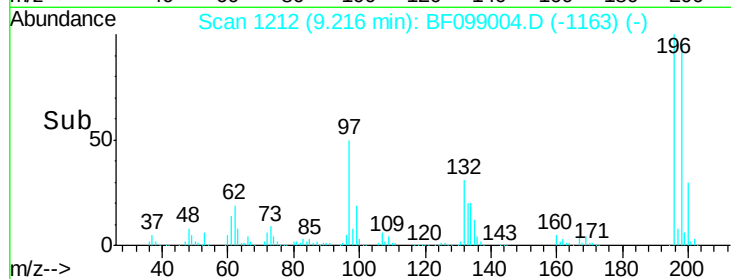
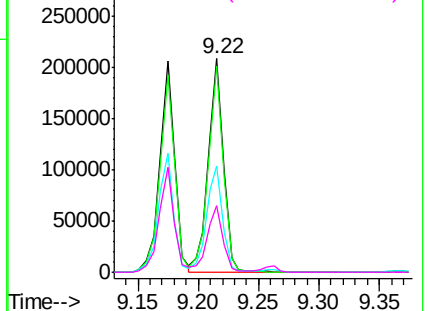
#43
 2,4,5-Trichlorophenol
 Concen: 34.21 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	182969
Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.6	112.0
97	49.9	42.9	64.3
132	31.3	26.3	39.5

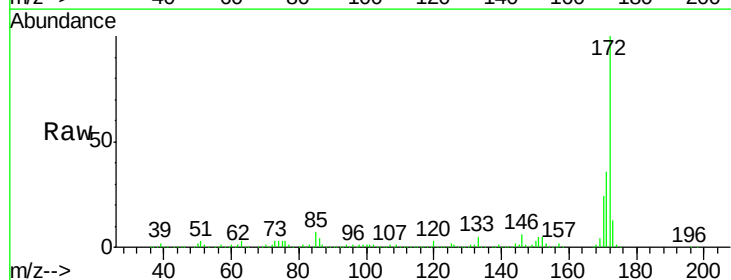


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

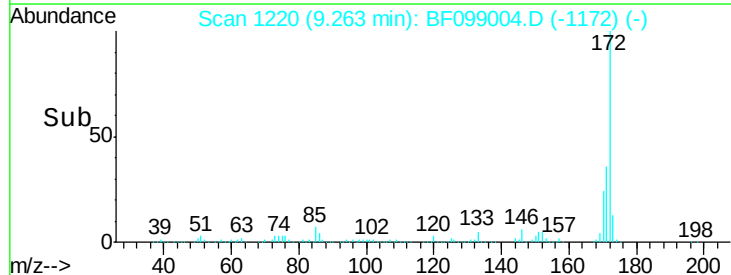
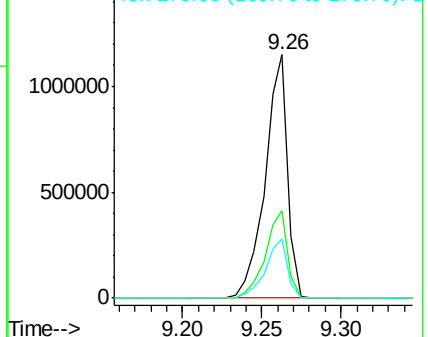


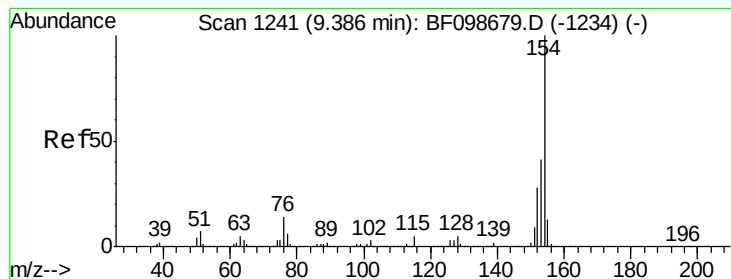
#44
 2-Fluorobiphenyl
 Concen: 74.41 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion:	172	Resp:	1130379
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4



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: 33.53 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampled :

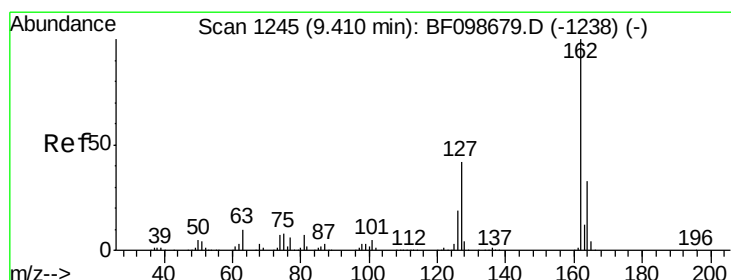
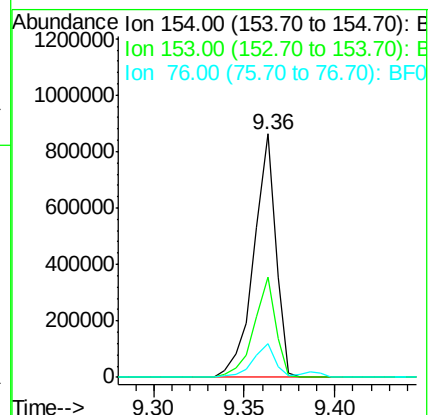
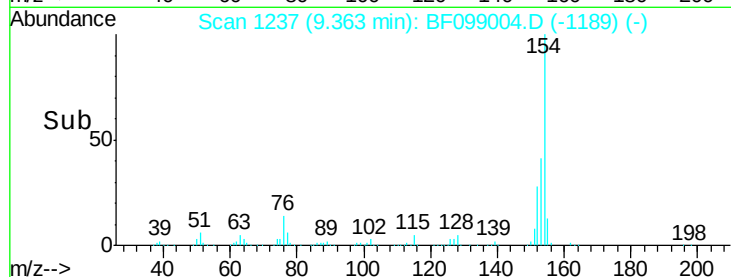
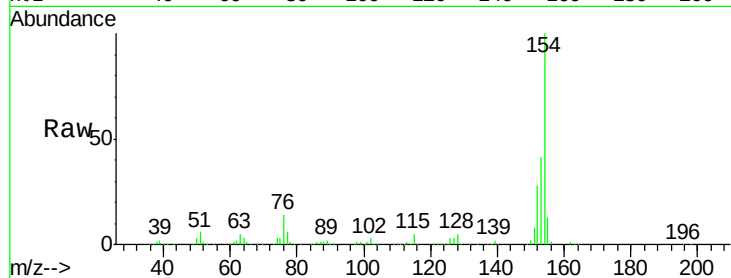
Tot Ion:154 Resp: 730736

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

76 13.9 0.0 34.0



#46

2-Chloronaphthalene

Concen: 35.00 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

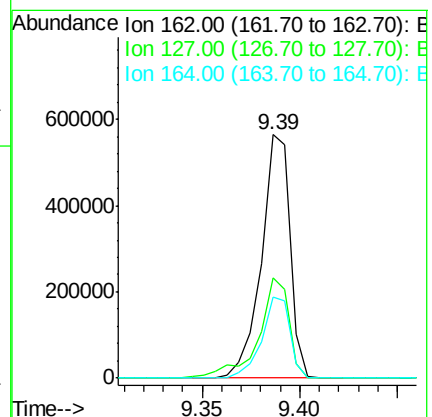
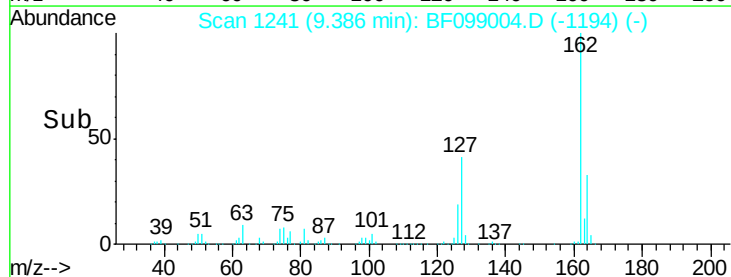
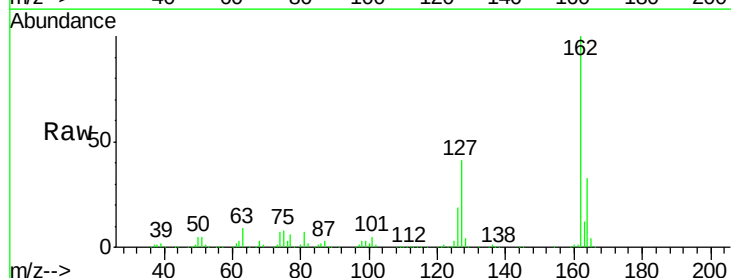
Tgt Ion:162 Resp: 572841

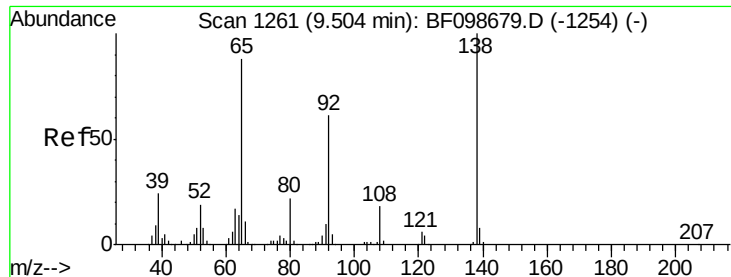
Ion Ratio Lower Upper

162 100

127 41.1 33.9 50.9

164 33.1 26.5 39.7





#47

2-Nitroaniline

Concen: 35.35 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampled :

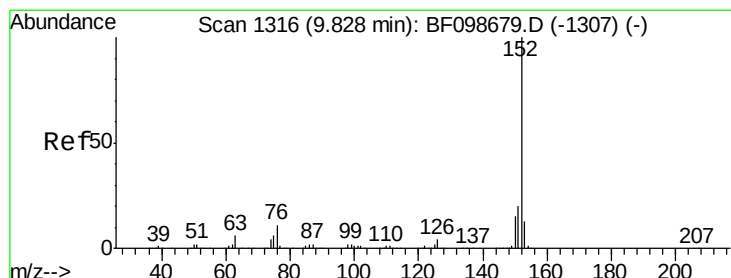
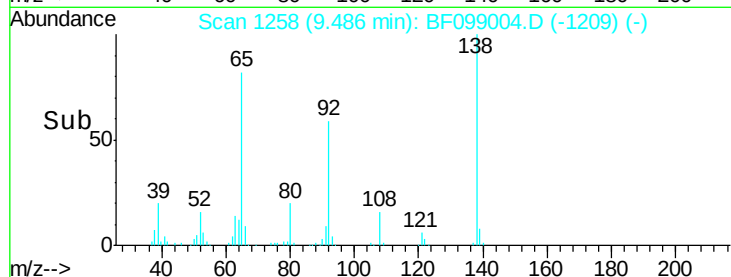
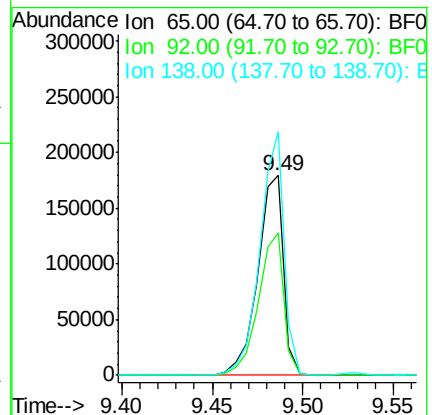
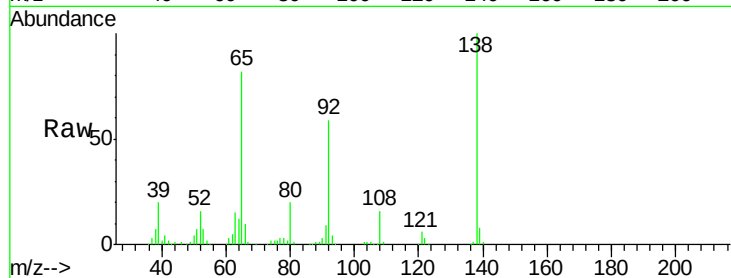
Tot Ion: 65 Resp: 177132

Ion Ratio Lower Upper

65 100

92 71.4 55.8 83.6

138 121.7 91.2 136.8



#48

Acenaphthylene

Concen: 34.53 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

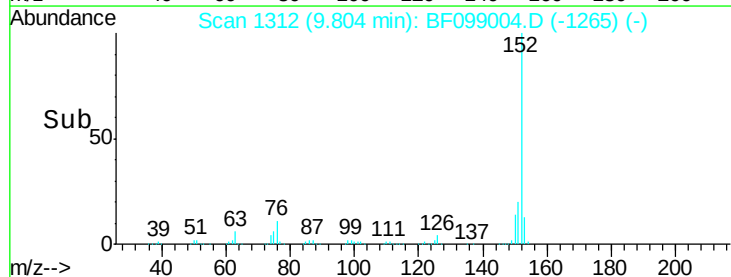
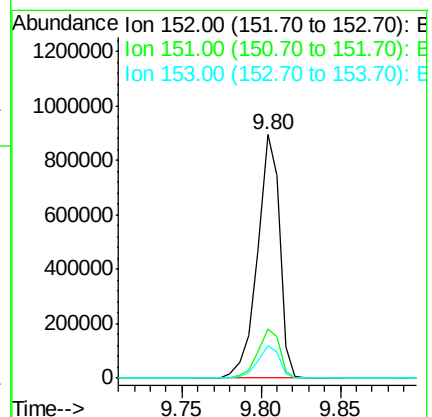
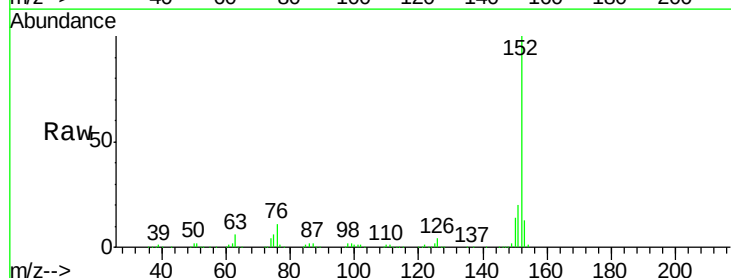
Tgt Ion: 152 Resp: 865135

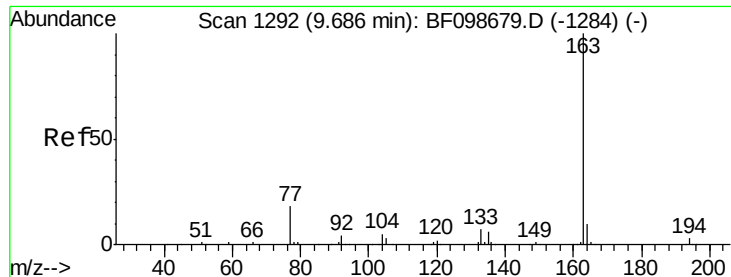
Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.5 10.7 16.1

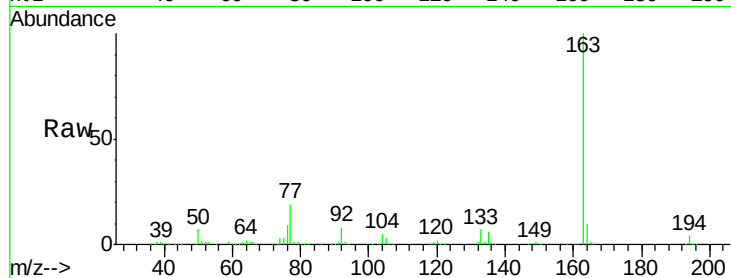




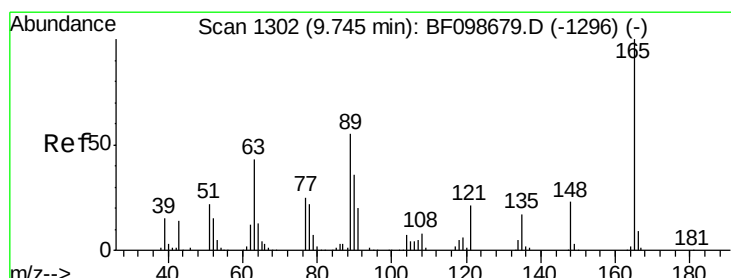
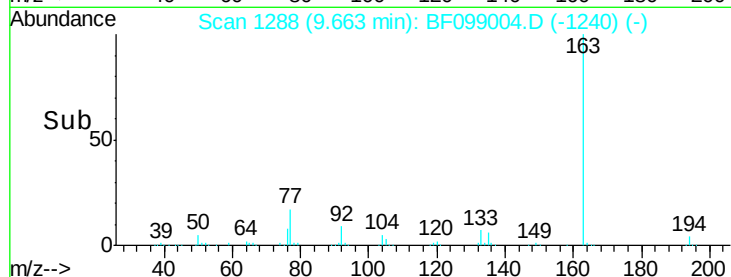
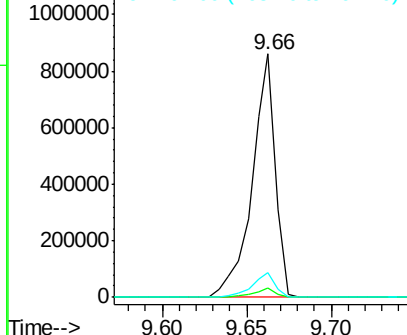
#49
Dimethylphthalate
Concen: 43.08 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 824553
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.2 12.2

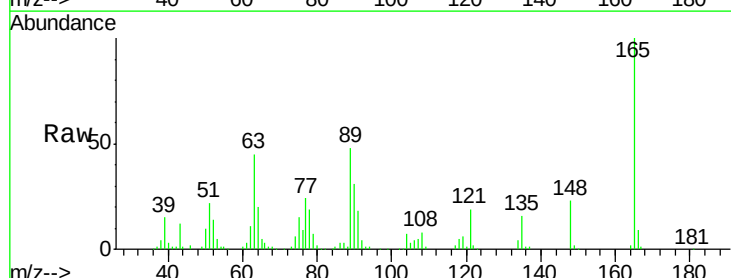


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

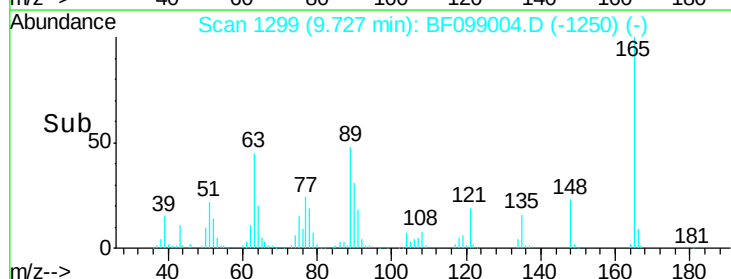
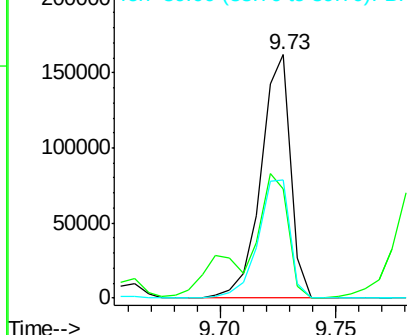


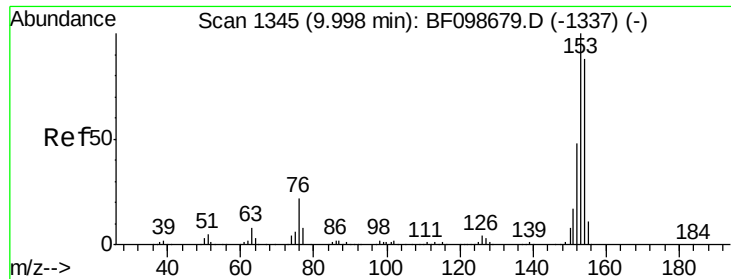
#50
2,6-Dinitrotoluene
Concen: 34.89 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:165 Resp: 145390
Ion Ratio Lower Upper
165 100
63 45.1 44.7 67.1
89 48.3 44.0 66.0



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: 32.51 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampleId :

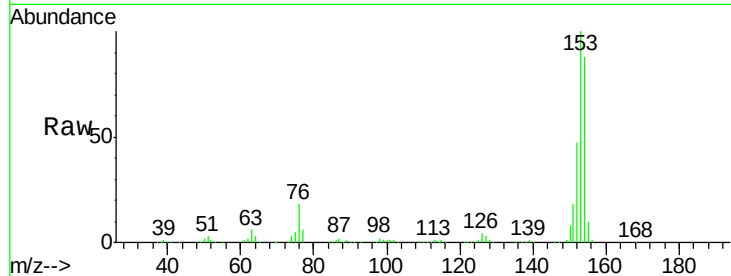
Tot Ion:154 Resp: 515980

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

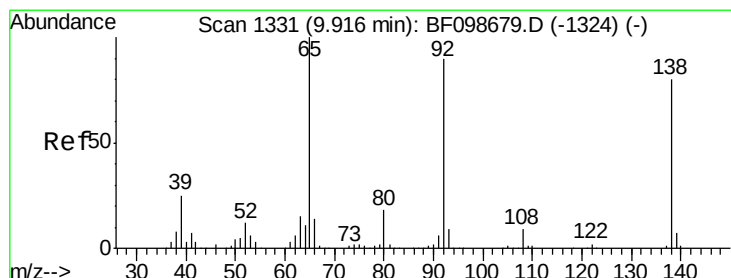
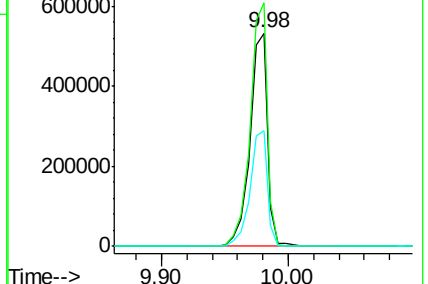
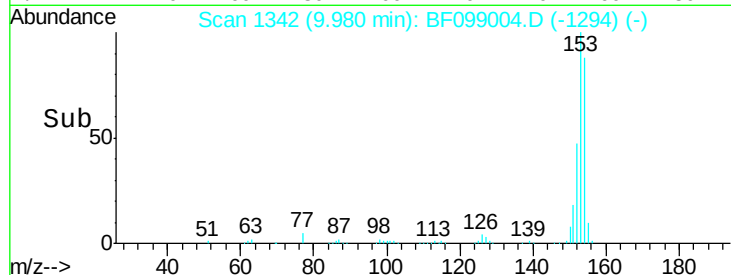
152 54.0 43.8 65.8



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: 27.63 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

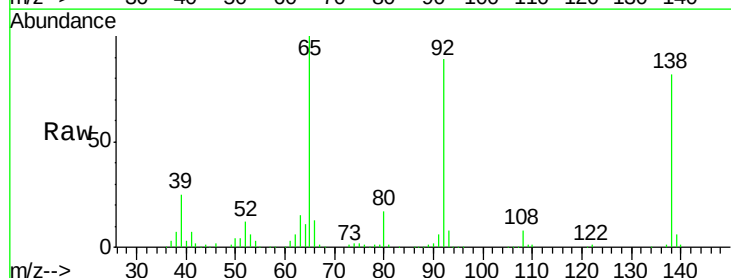
Tgt Ion:138 Resp: 134244

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

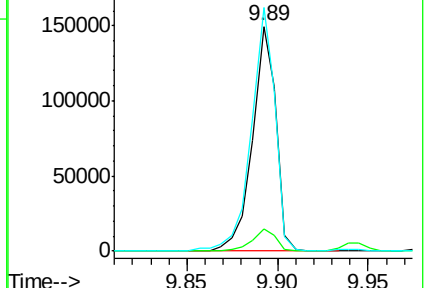
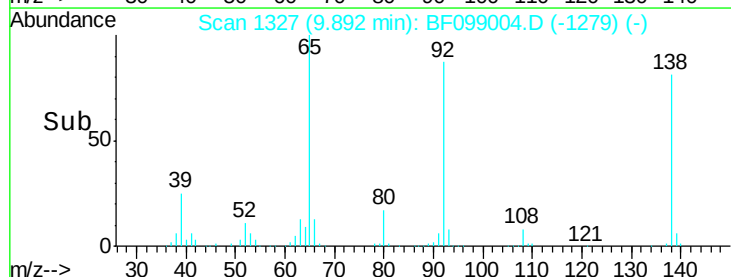
92 108.4 89.4 134.2

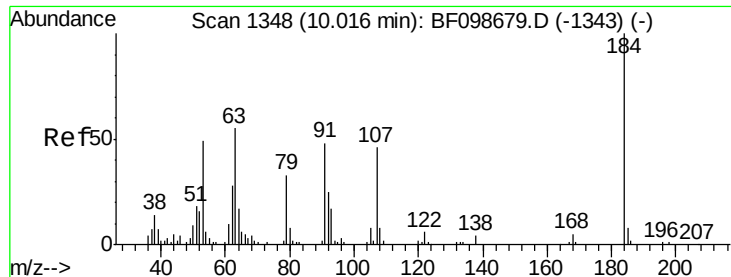


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

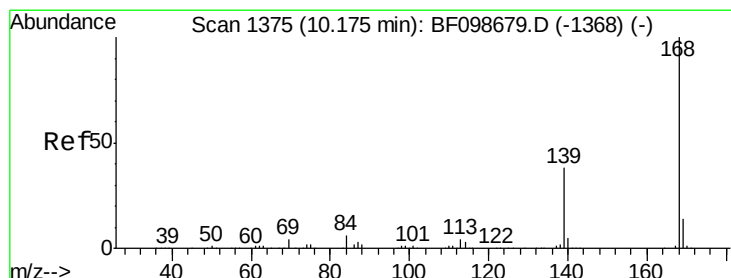
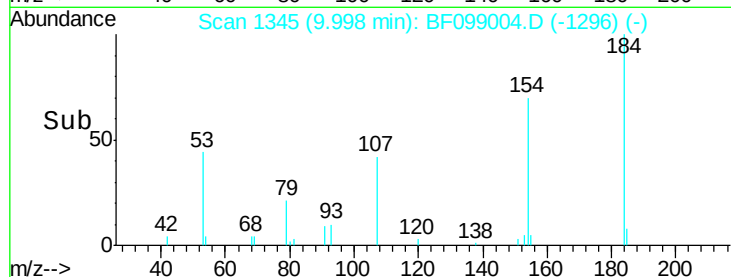
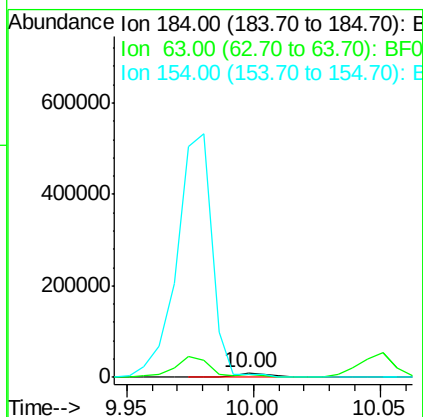
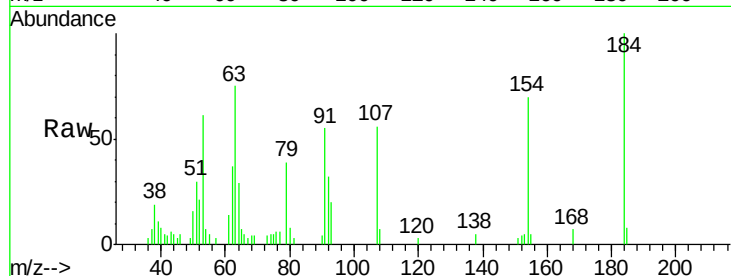




#53
2,4-Dinitrophenol
Concen: 10.00 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

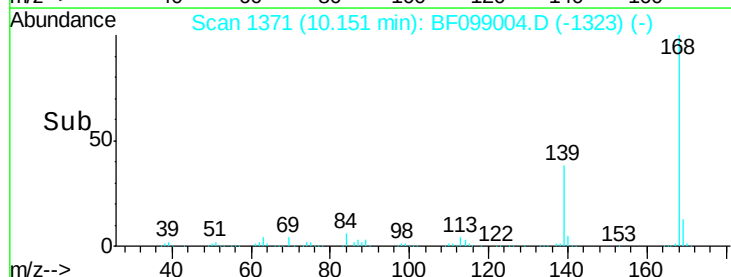
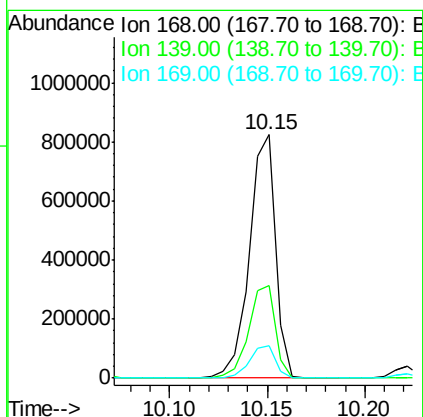
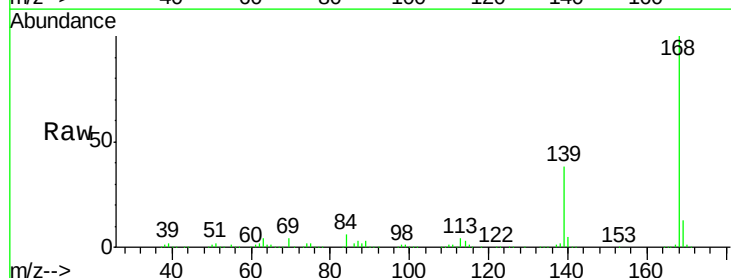
Instrument :
BNA_F
ClientSampleId :

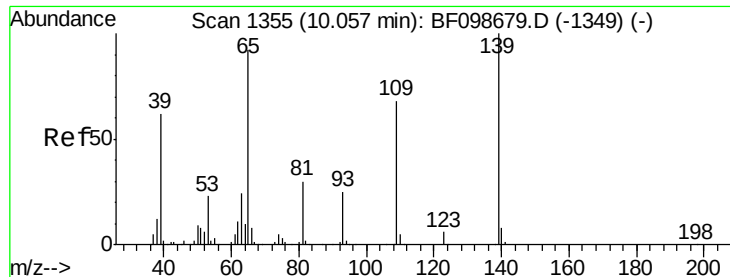
Tot Ion:184 Resp: 9768
Ion Ratio Lower Upper
184 100
63 74.8 54.2 81.2
154 69.7 53.5 80.3



#54
Dibenzofuran
Concen: 35.99 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:168 Resp: 760423
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 13.1 10.9 16.3

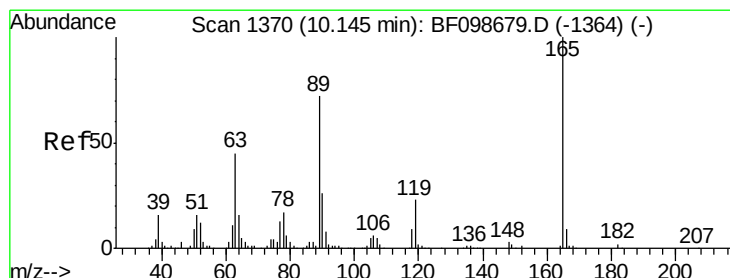
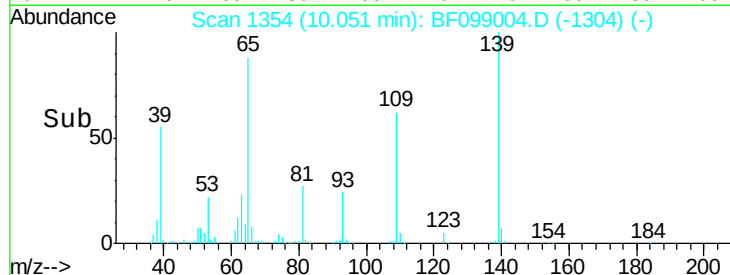
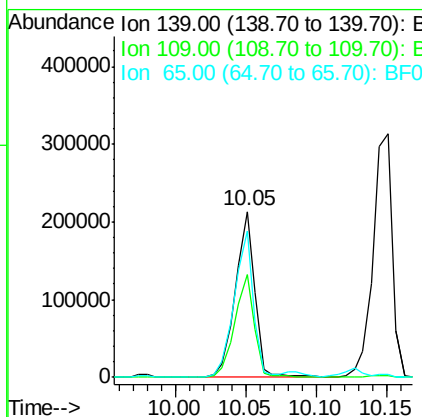
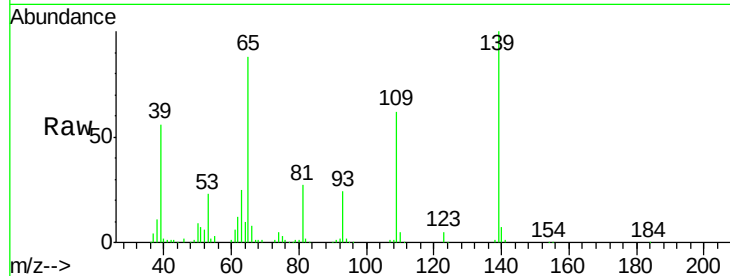




#55
4-Nitrophenol
Concen: 49.98 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

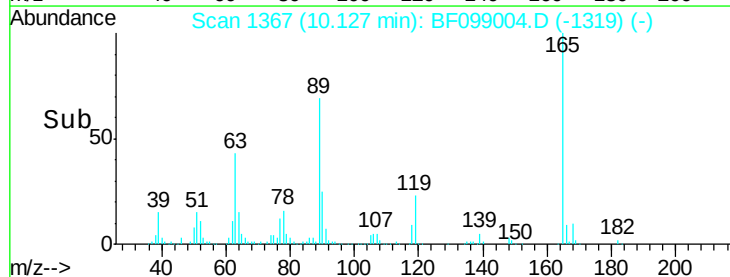
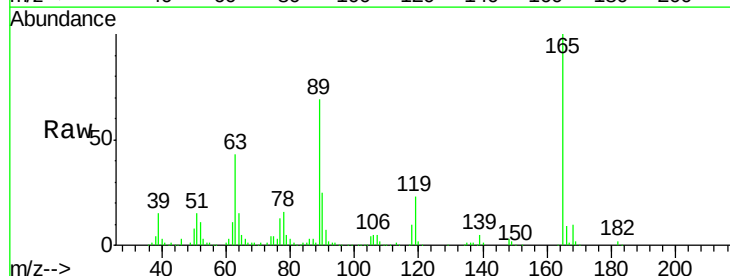
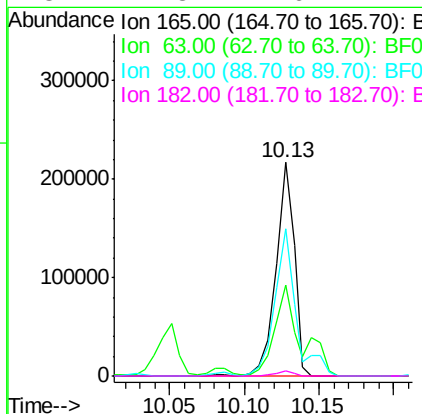
Instrument :
BNA_F
ClientSampleId :

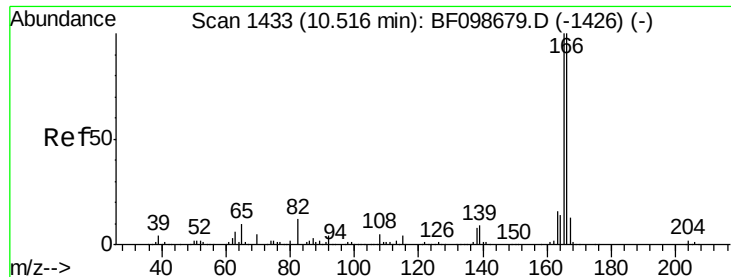
Tot Ion	Ratio	Lower	Upper
139	100		
109	61.6	48.4	88.4
65	87.8	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 34.47 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.8	36.4	54.6
89	69.2	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 33.76 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampleId :

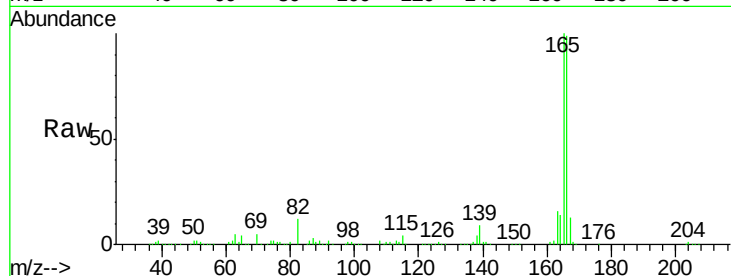
Tot Ion:166 Resp: 573413

Ion Ratio Lower Upper

166 100

165 100.6 79.8 119.8

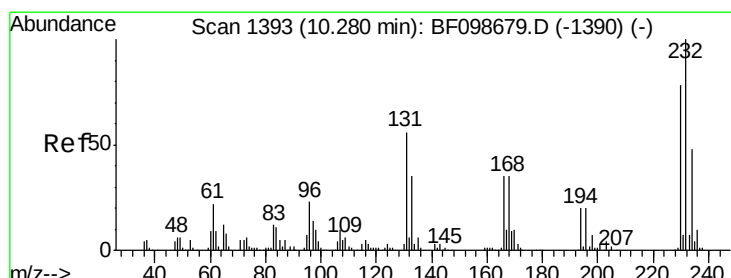
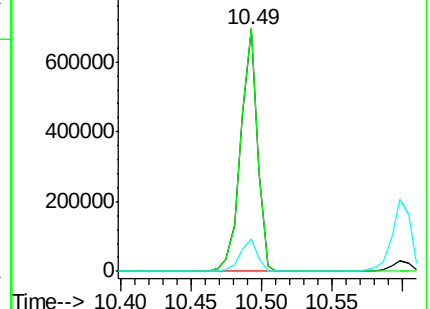
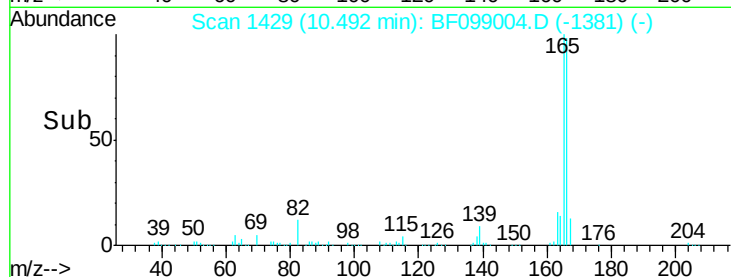
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.38 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Tgt Ion:232 Resp: 123344

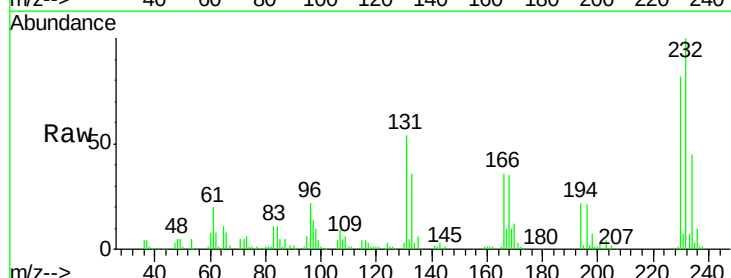
Ion Ratio Lower Upper

232 100

131 56.5 43.8 65.8

130 2.6 2.1 3.1

166 36.8 27.8 41.6

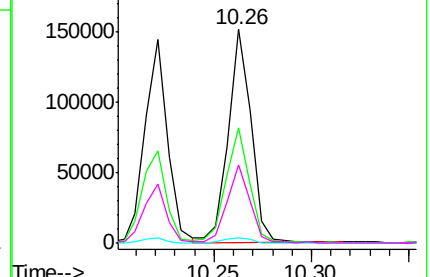
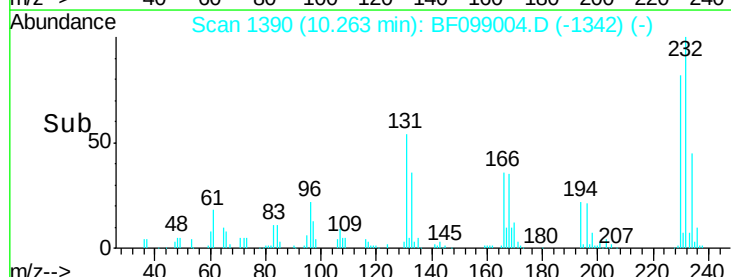


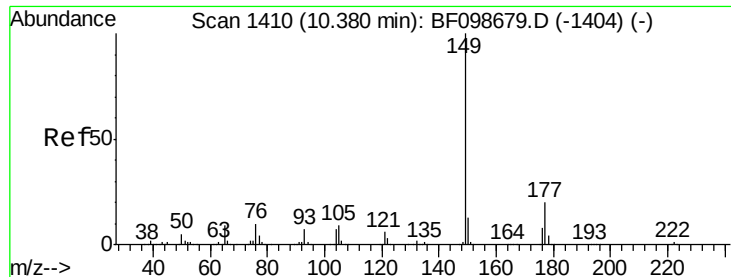
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

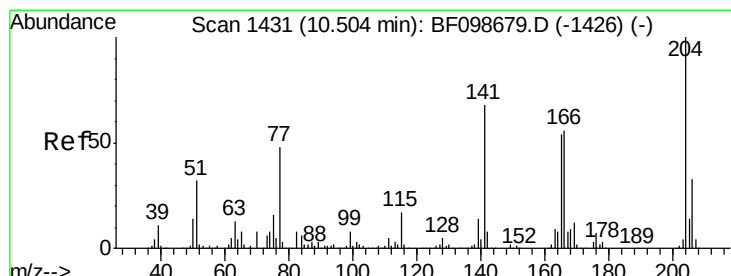
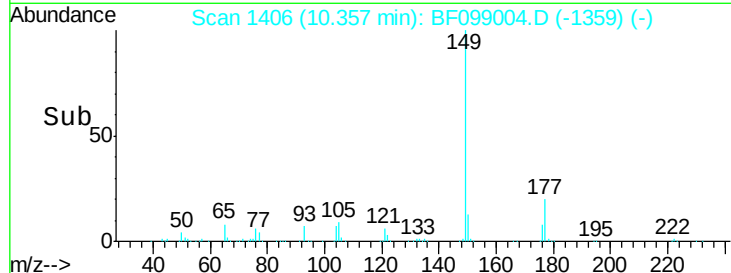
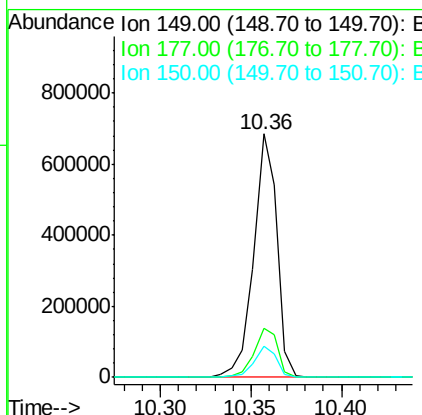
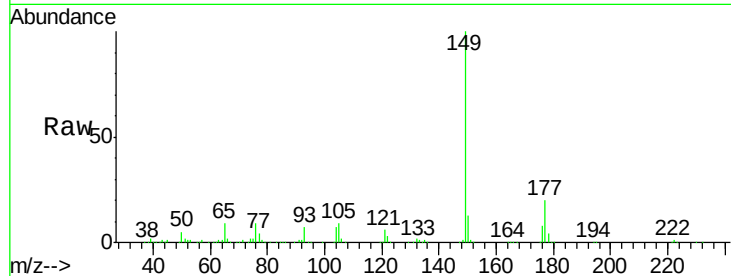




#59
Diethylphthalate
Concen: 32.43 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

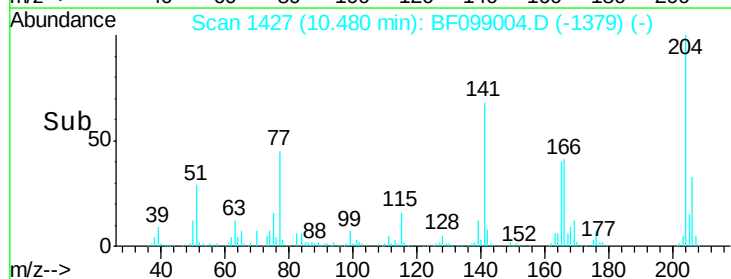
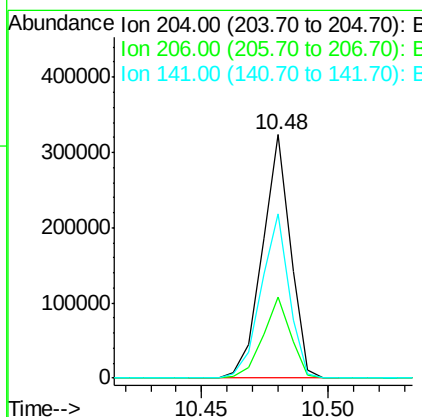
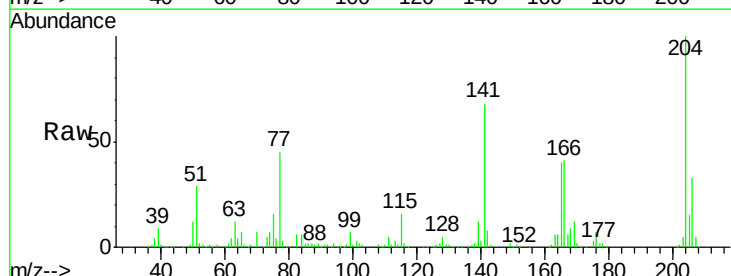
Instrument :
BNA_F
ClientSampleId :

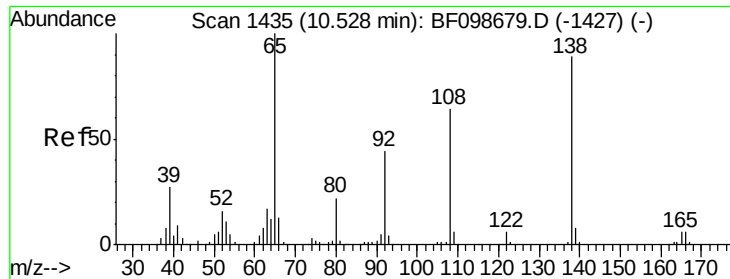
Tot Ion:149 Resp: 606548
Ion Ratio Lower Upper
149 100
177 20.1 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 33.07 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:204 Resp: 252282
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 67.6 54.6 81.8





#61

4-Nitroaniline

Concen: 30.82 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampleId :

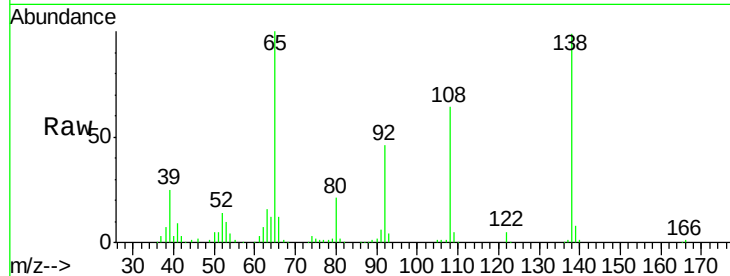
Tot Ion:138 Resp: 144474

Ion Ratio Lower Upper

138 100

92 46.3 30.2 70.2

108 64.8 52.5 92.5



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

10.51

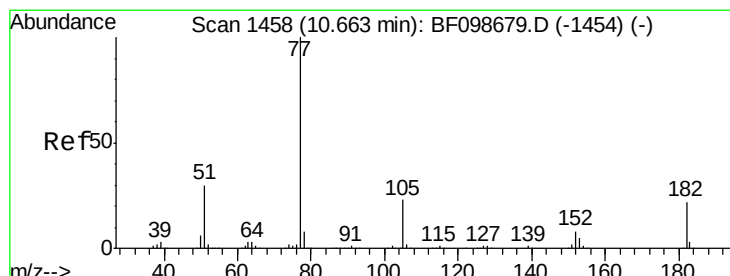
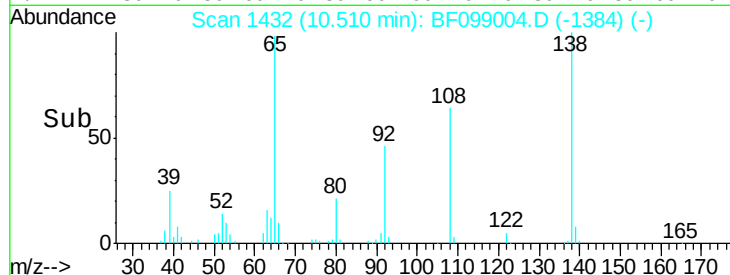
150000

100000

50000

0

Time-->



#62

Azobenzene

Concen: 34.53 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Tgt Ion: 77 Resp: 593910

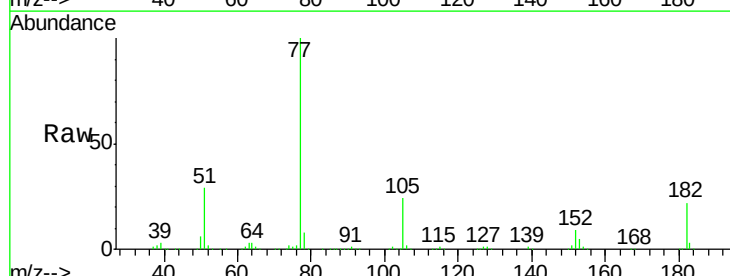
Ion Ratio Lower Upper

77 100

182 22.3 1.7 41.7

105 23.9 3.0 43.0

51 28.8 9.9 49.9



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

10.64

1000000

800000

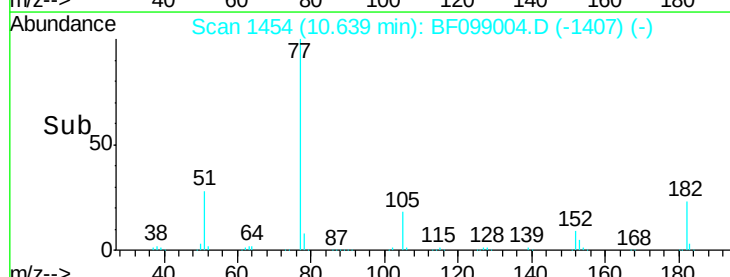
600000

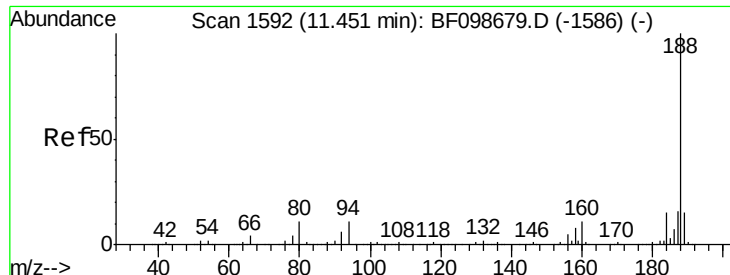
400000

200000

0

Time-->

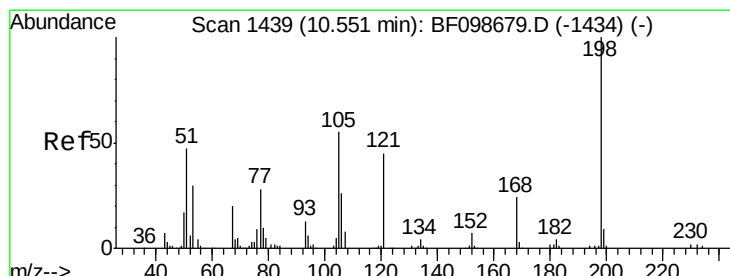
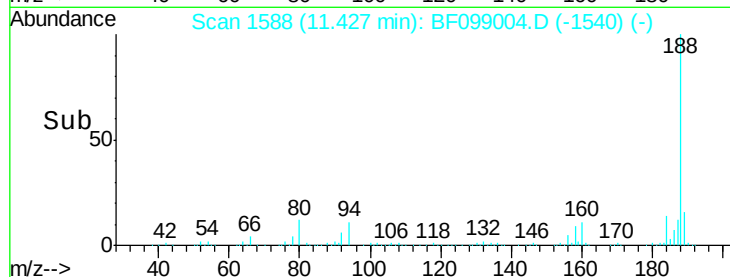
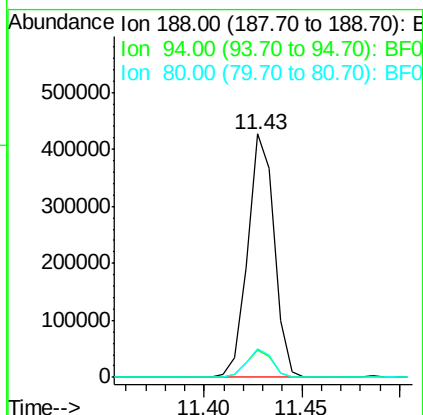
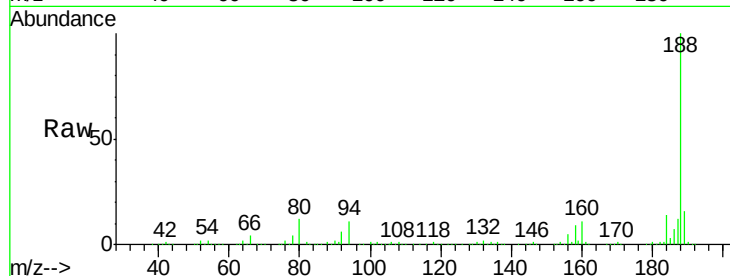




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

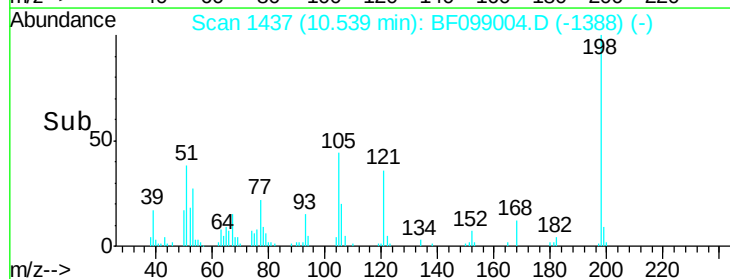
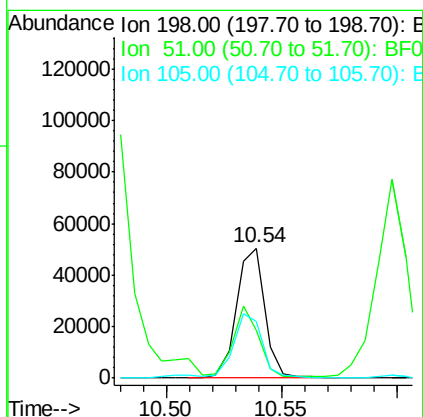
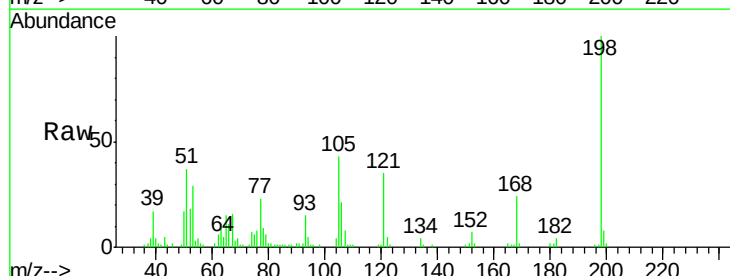
Instrument :
BNA_F
ClientSampled :

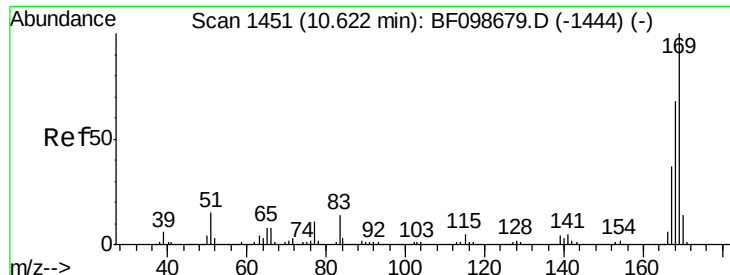
Tot Ion:188 Resp: 401652
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 17.73 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:198 Resp: 43333
Ion Ratio Lower Upper
198 100
51 37.2 37.7 77.7#
105 43.3 36.3 76.3

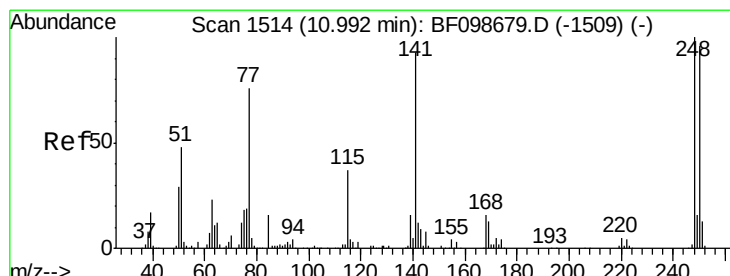
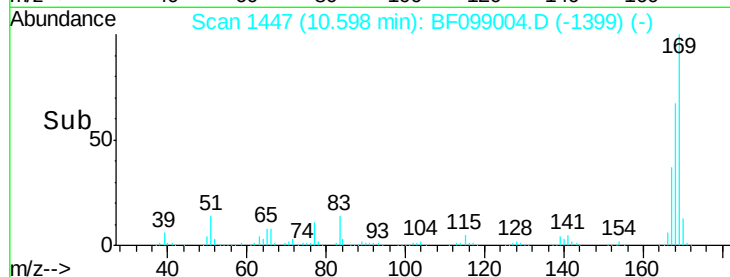
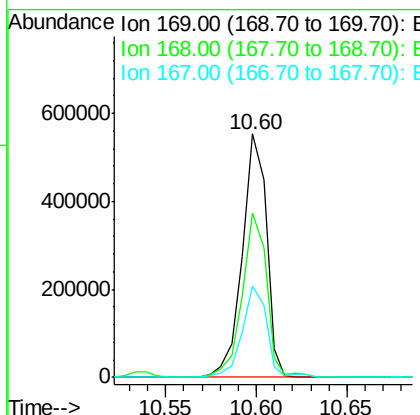
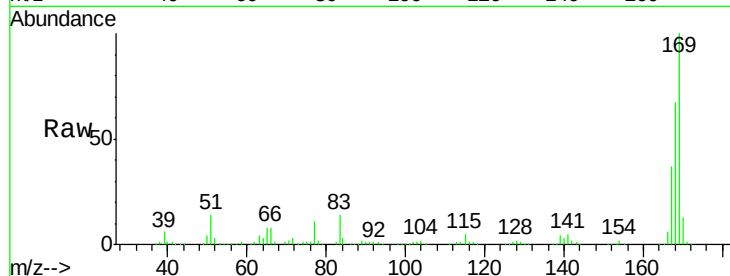




#65
 n-Nitrosodiphenylamine
 Concen: 36.92 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

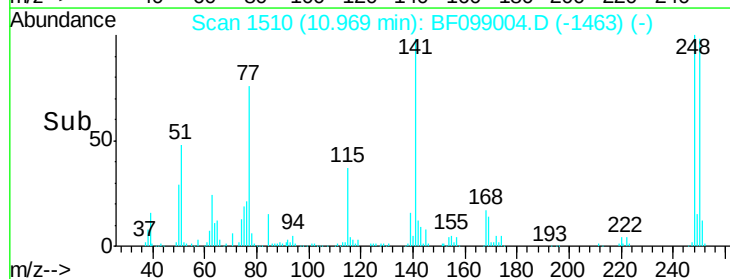
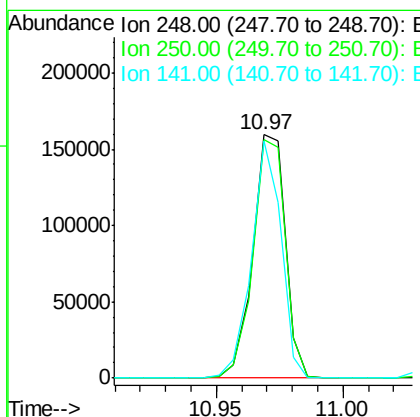
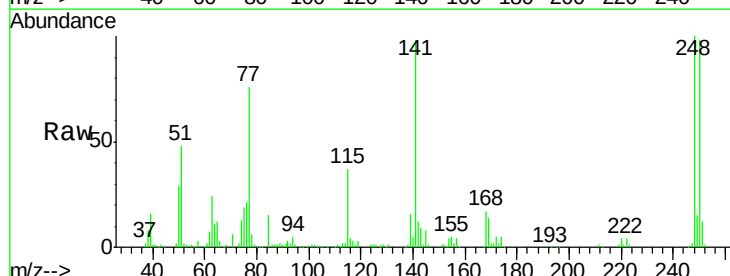
Instrument :
 BNA_F
 ClientSampleId :

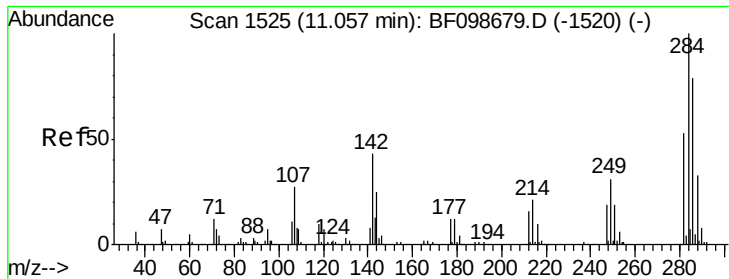
Tot Ion:169 Resp: 513721
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.4 81.6
 167 37.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.40 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion:248 Resp: 143118
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.9 115.3
 141 97.7 74.4 111.6

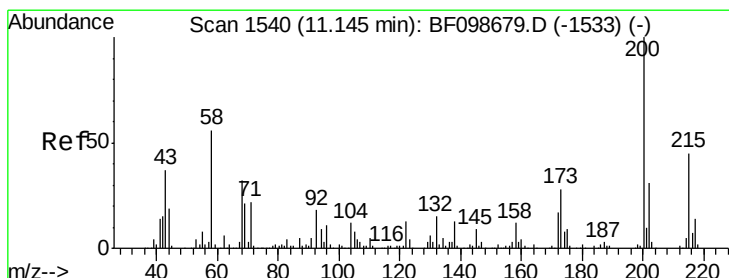
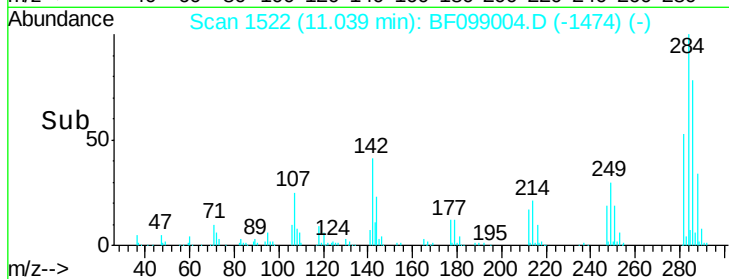
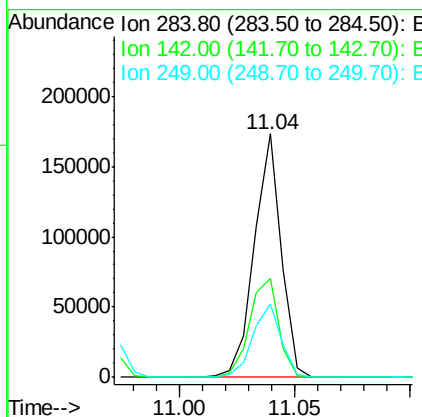
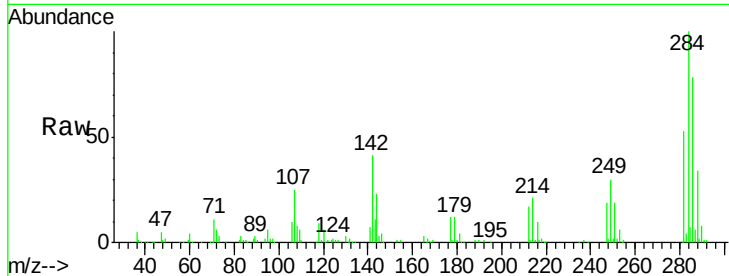




#67
Hexachlorobenzene
Concen: 33.55 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

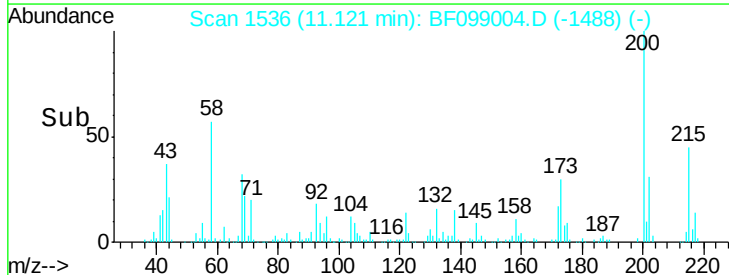
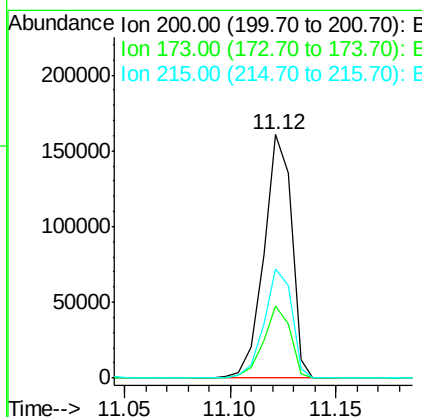
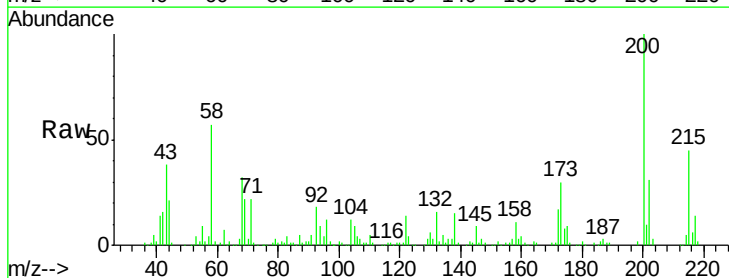
Instrument :
BNA_F
ClientSampleId :

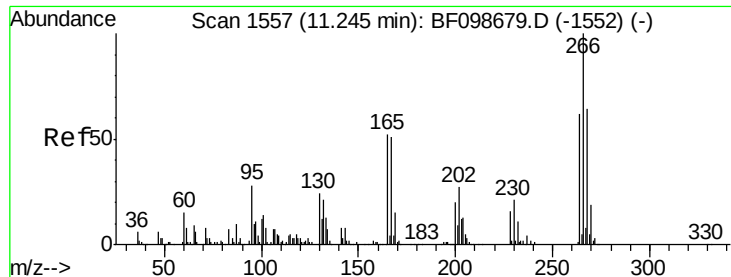
Tot Ion:284 Resp: 140864
Ion Ratio Lower Upper
284 100
142 40.6 34.6 52.0
249 30.3 24.8 37.2



#68
Atrazine
Concen: 35.05 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:200 Resp: 146716
Ion Ratio Lower Upper
200 100
173 29.5 8.6 48.6
215 45.1 25.1 65.1

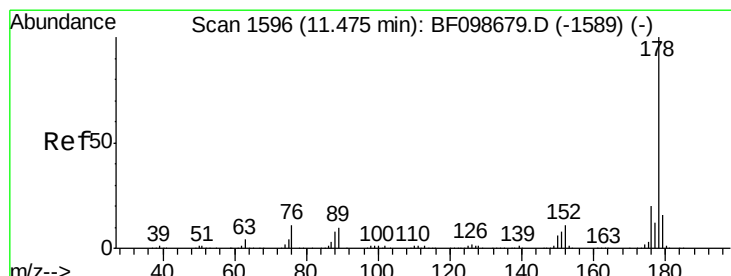
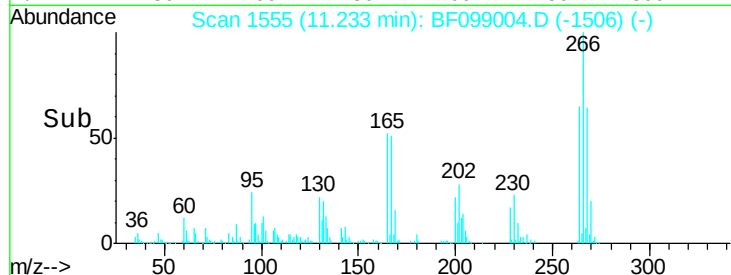
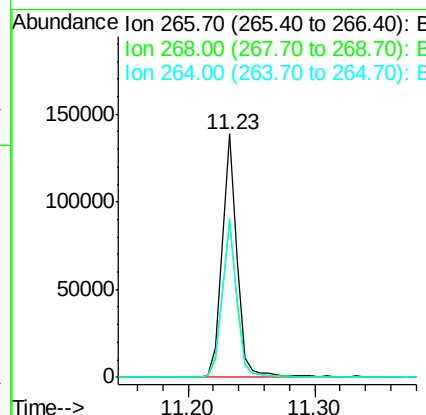
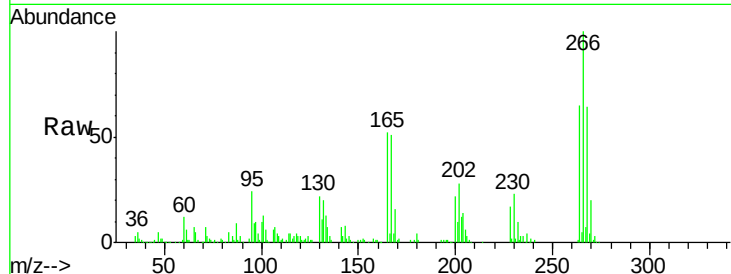




#69
 Pentachlorophenol
 Concen: 45.23 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

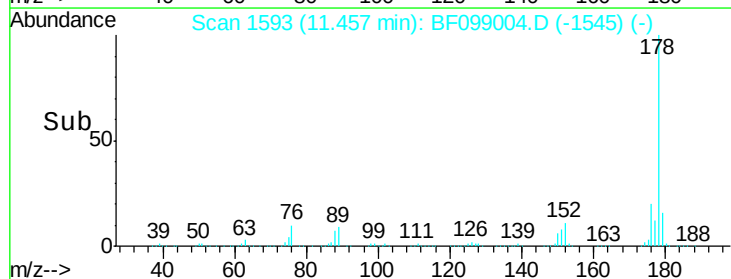
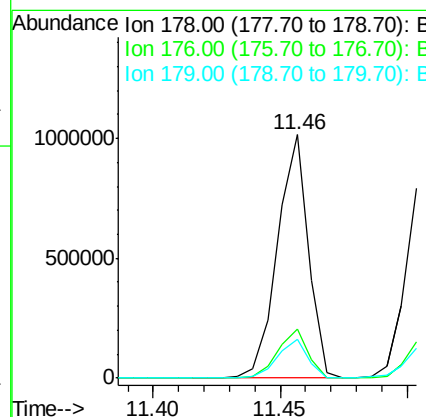
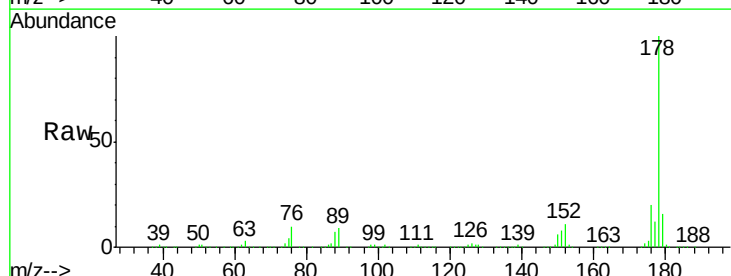
Instrument :
 BNA_F
 ClientSampleId :

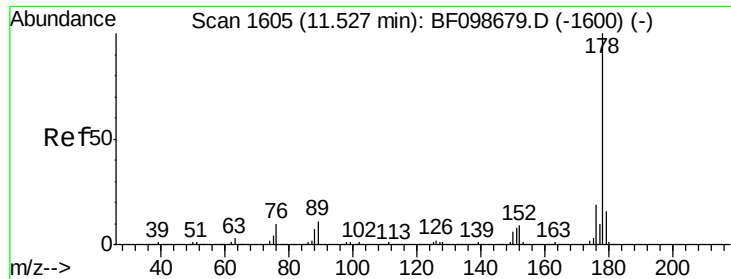
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	65.3	49.5	74.3



#70
 Phenanthrene
 Concen: 40.46 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.8	13.0	19.6

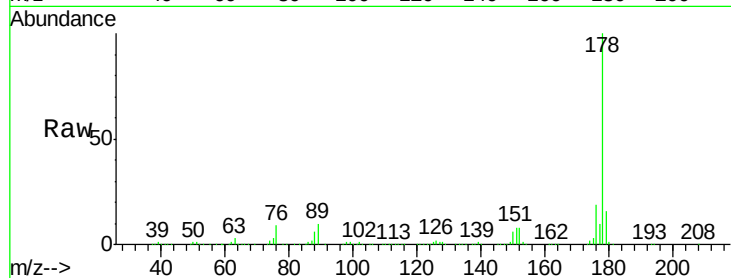




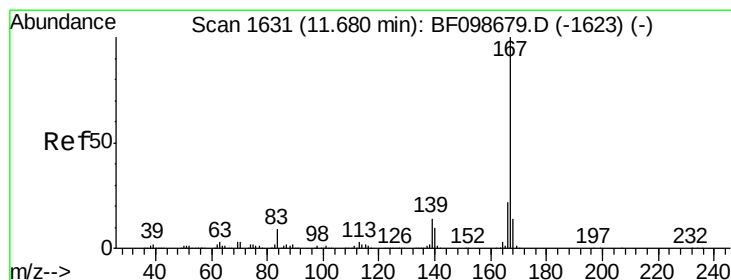
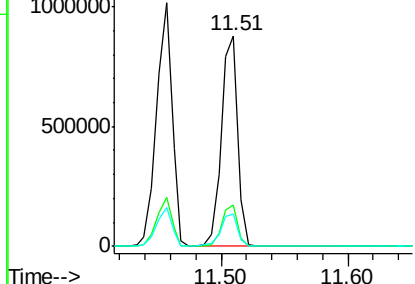
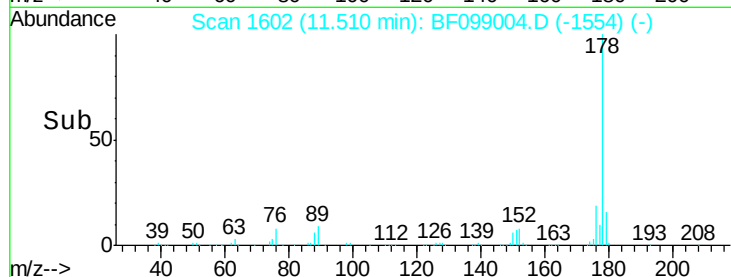
#71
 Anthracene
 Concen: 36.09 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 793935
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.6 12.6 19.0

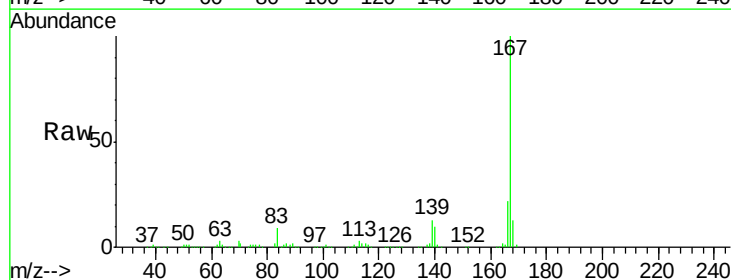


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

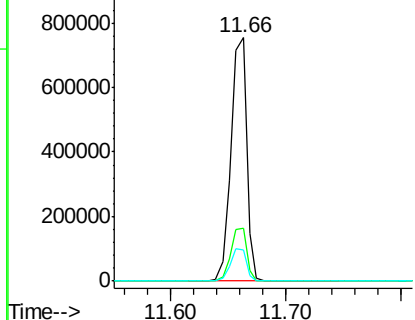
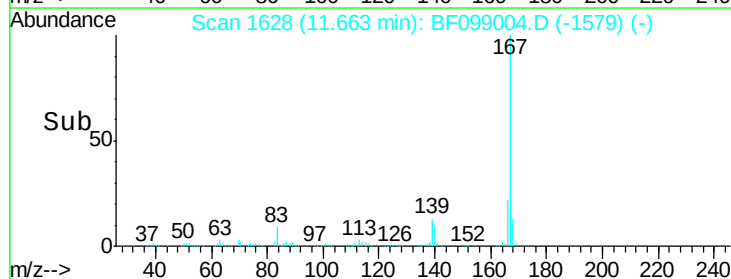


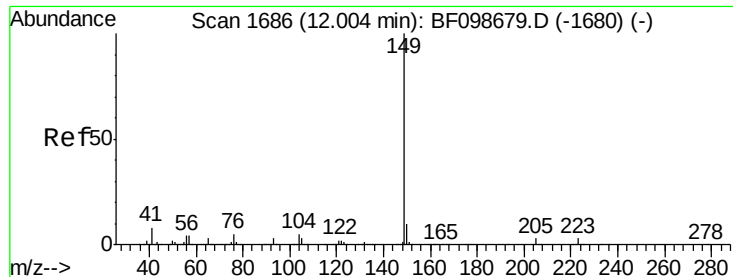
#72
 Carbazole
 Concen: 33.10 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion:167 Resp: 713050
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.6 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 32.67 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BF099004.D

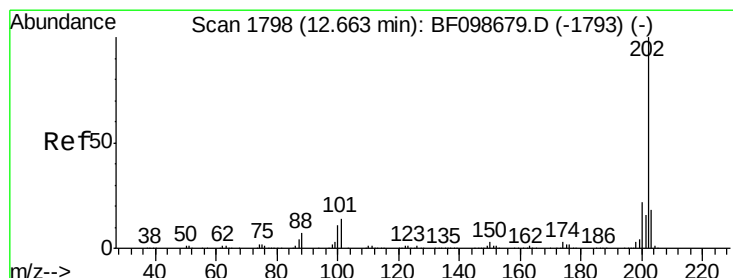
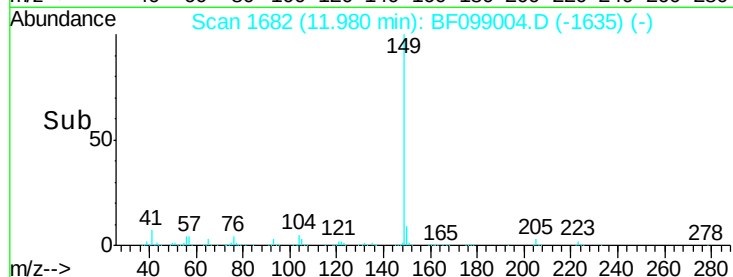
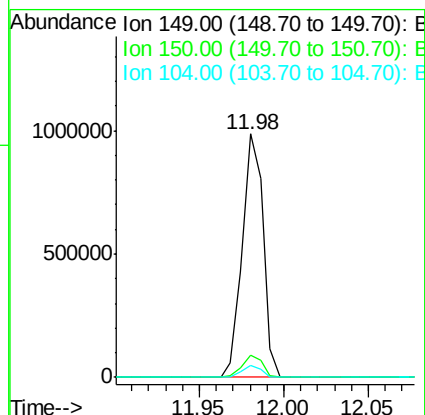
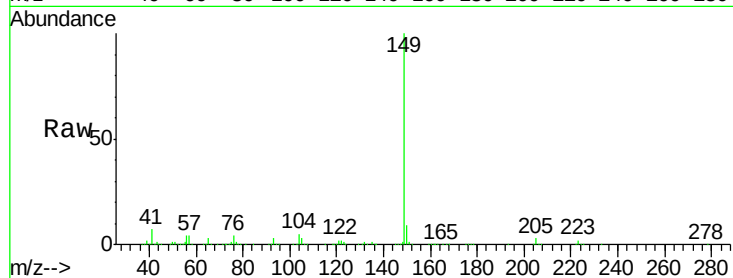
Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	847147
Ion Ratio	Lower	Upper
149	100	
150	9.3	7.8 11.6
104	4.8	3.8 5.8



#74

Fluoranthene

Concen: 36.77 ng

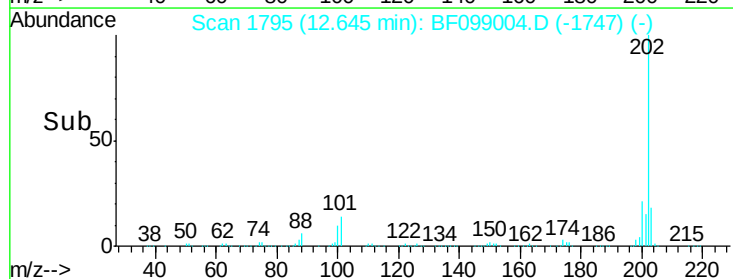
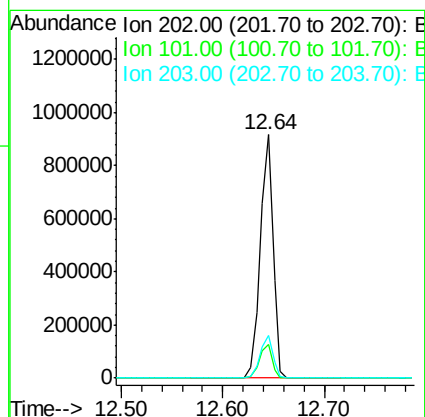
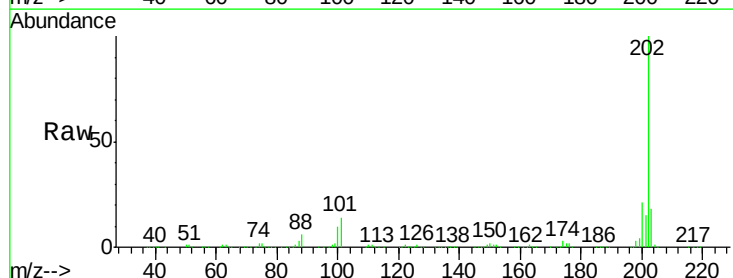
RT: 12.64 min Scan# 1795

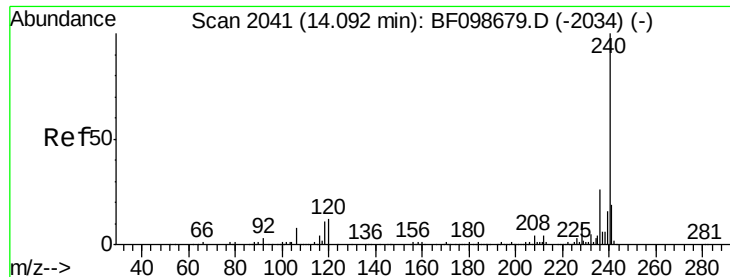
Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Tgt Ion:202	Resp:	800580
Ion Ratio	Lower	Upper
202	100	
101	13.7	0.0 34.1
203	17.6	0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampleId :

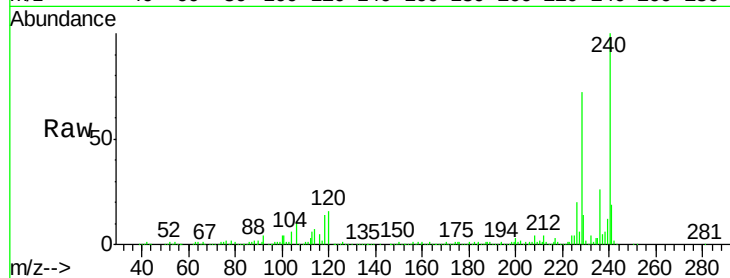
Tot Ion:240 Resp: 242039

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

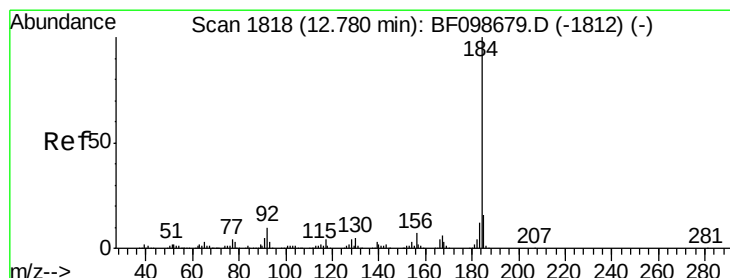
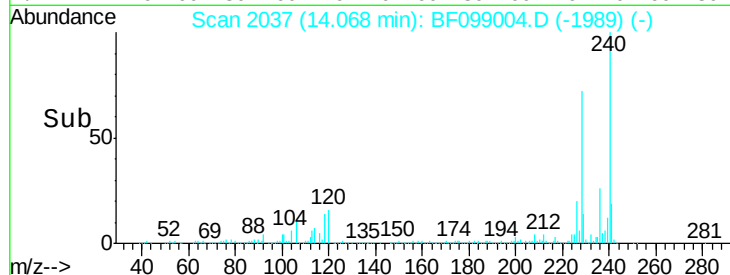
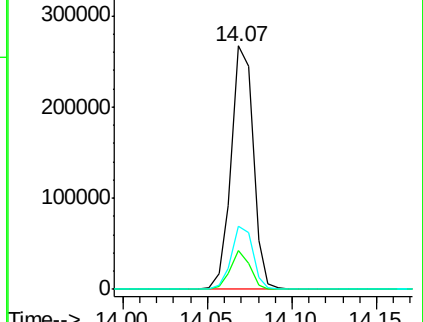
236 25.9 20.7 31.1



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: 32.65 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

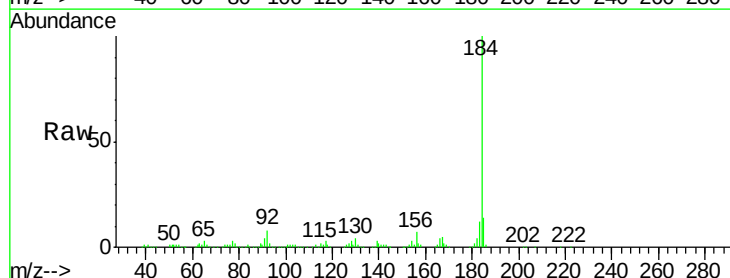
Tgt Ion:184 Resp: 292294

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

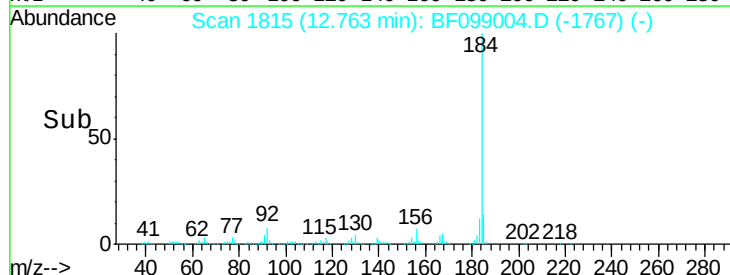
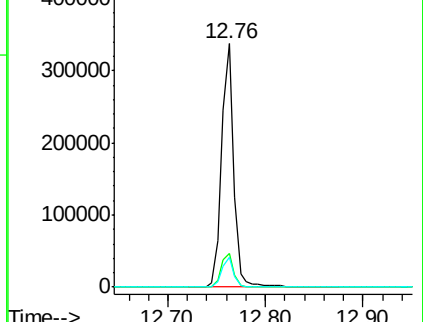
183 12.1 9.3 13.9

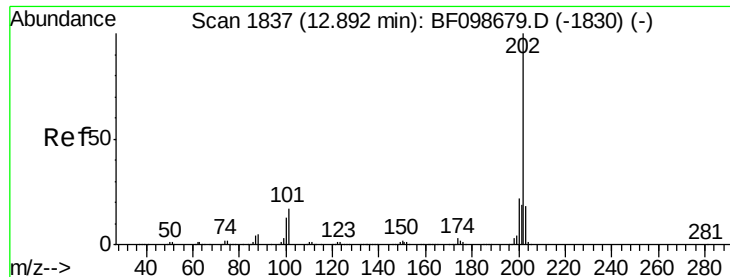


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

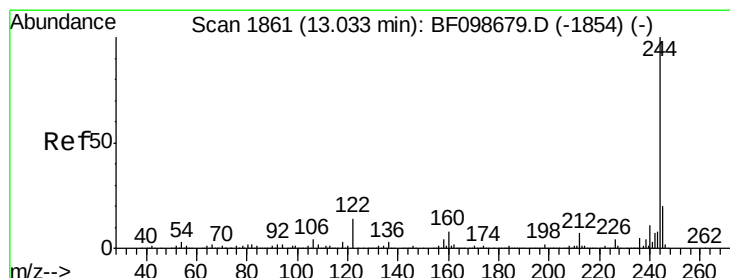
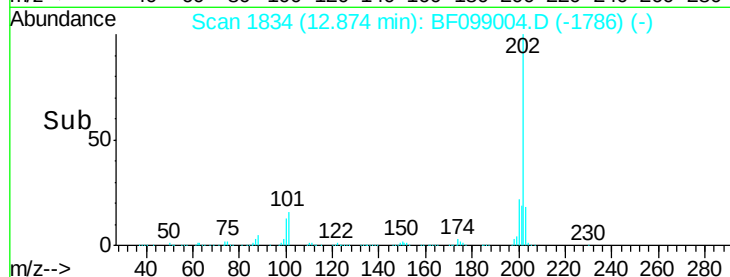
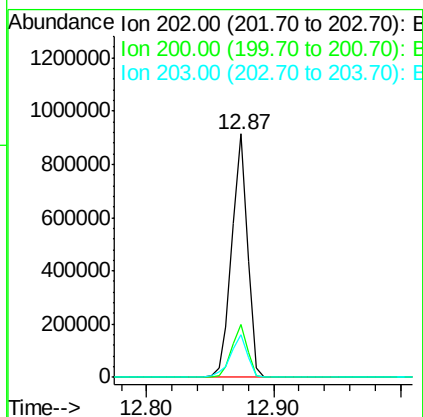
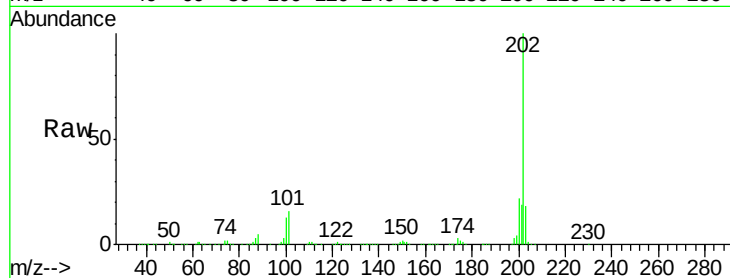




#77
Pvrene
Concen: 42.19 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

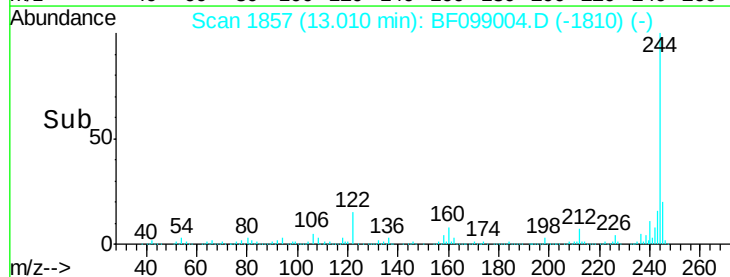
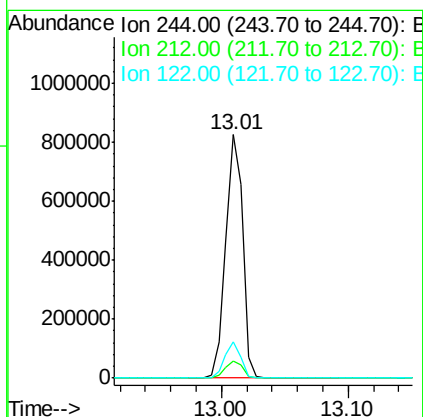
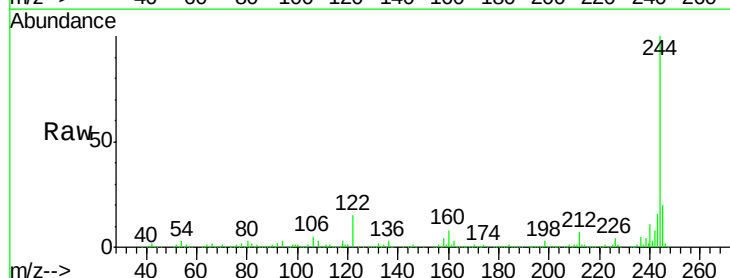
Instrument :
BNA_F
ClientSampleId :

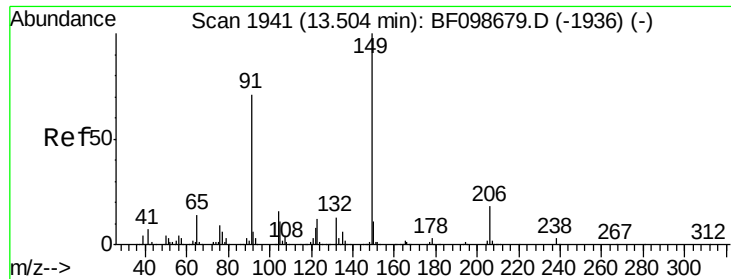
Tot Ion:202 Resp: 778753
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 71.77 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:244 Resp: 763883
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 15.0 11.0 16.4

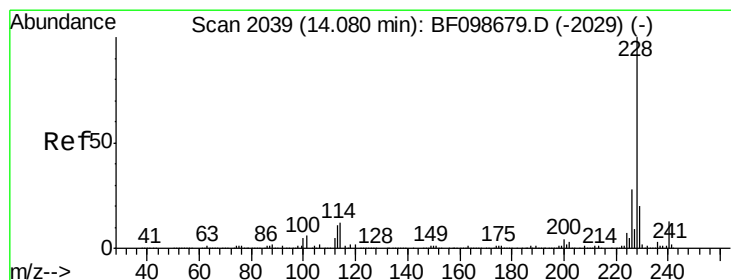
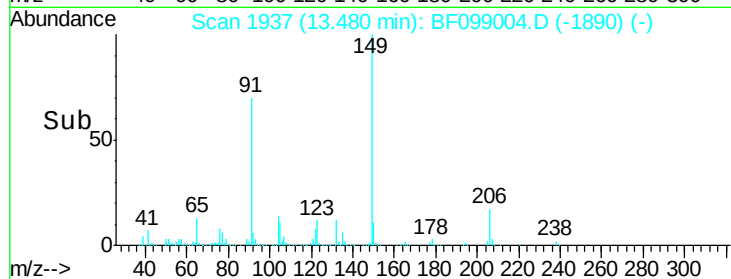
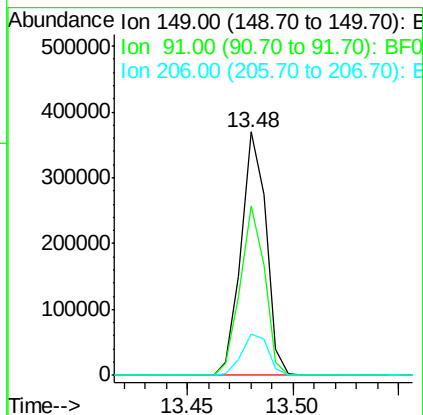
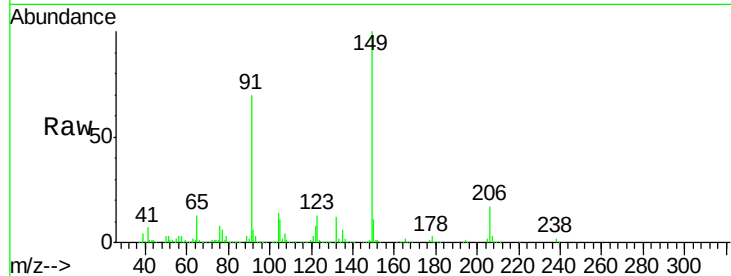




#79
Butylbenzylphthalate
Concen: 34.95 ng
RT: 13.48 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

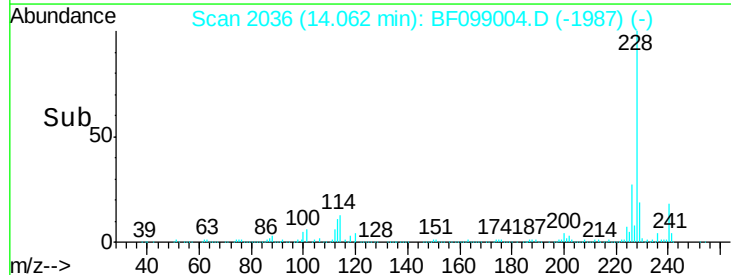
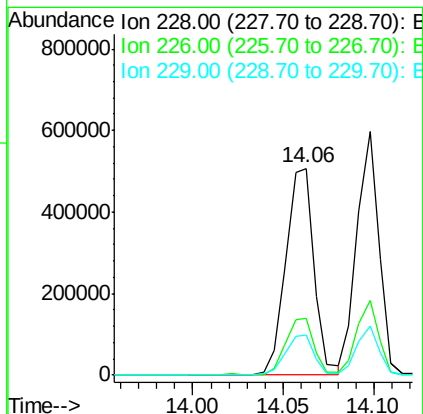
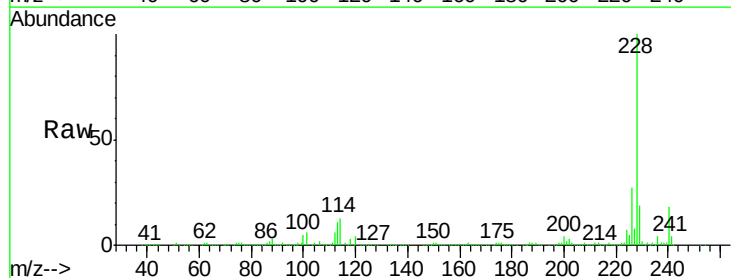
Instrument :
BNA_F
ClientSampleId :

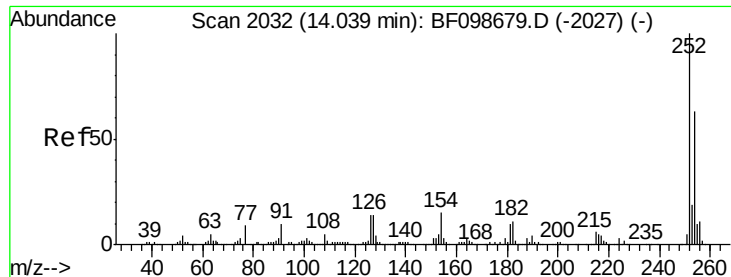
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.8	85.2
206	17.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.89 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.3	15.8	23.6

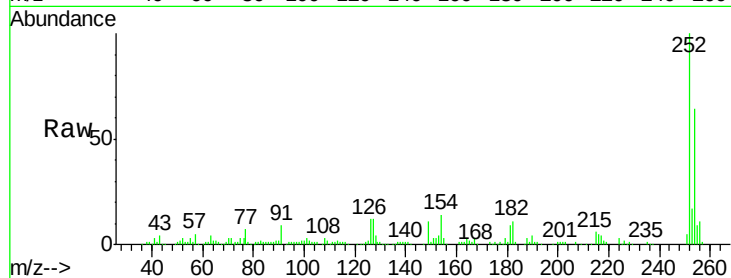




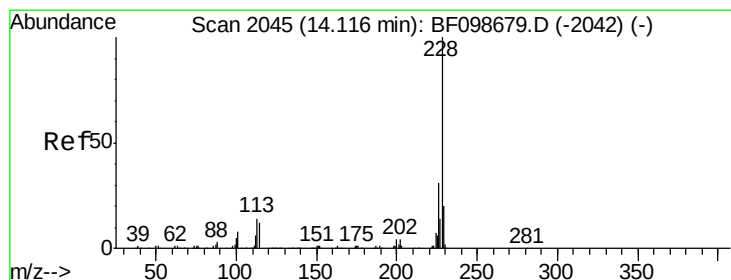
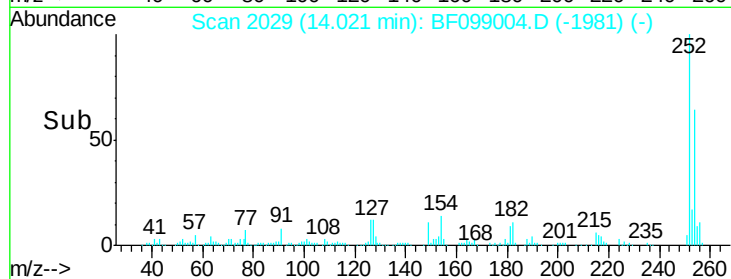
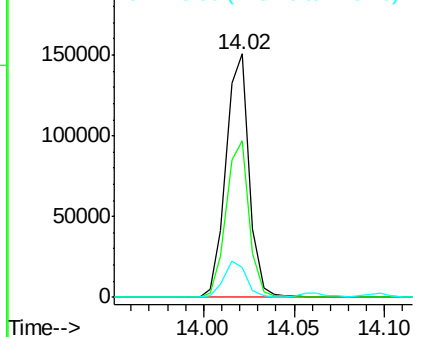
#81
 3,3'-Dichlorobenzidine
 Concen: 25.12 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	12.4	11.3	16.9

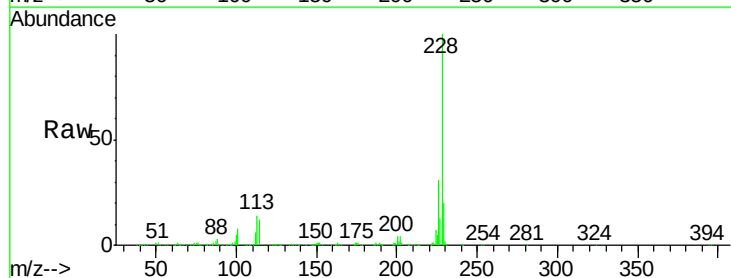


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

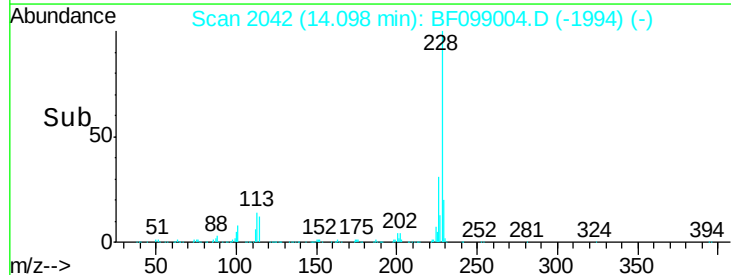
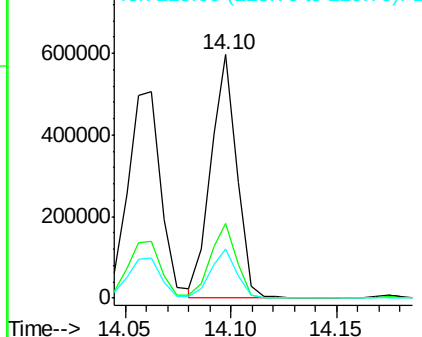


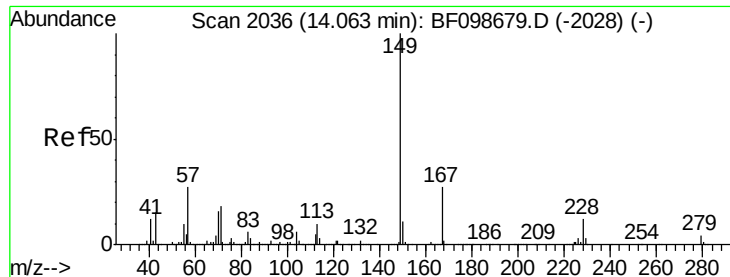
#82
 Chrysene
 Concen: 36.36 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.0	16.2	24.4



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: 35.30 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampleId :

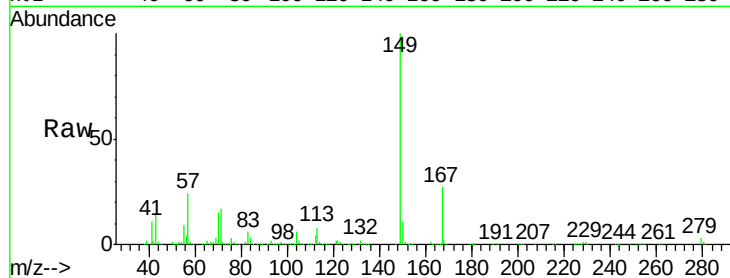
Tot Ion:149 Resp: 421579

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

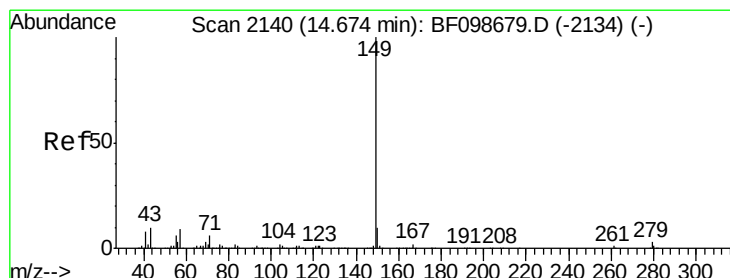
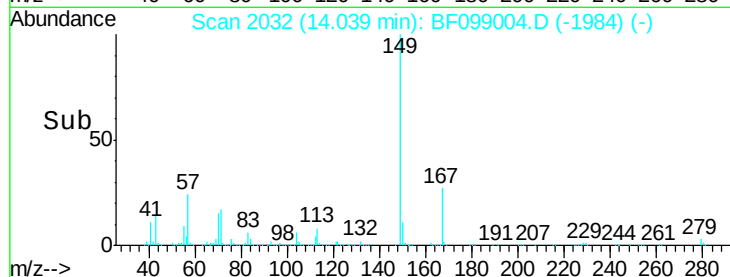
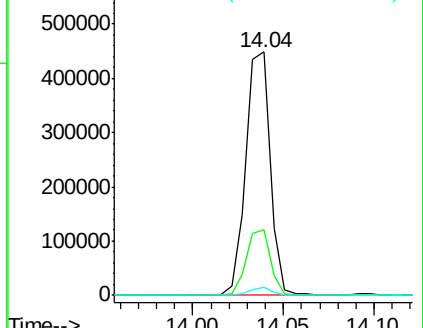
279 3.2 3.0 4.4



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: 36.35 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

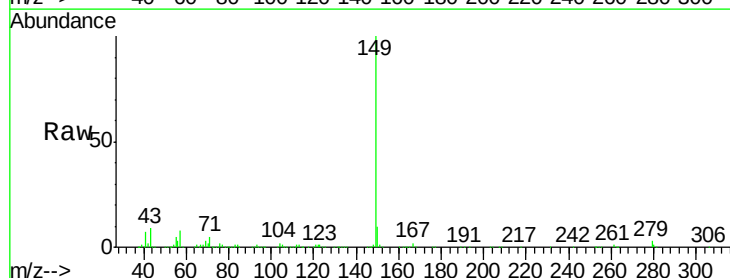
Tgt Ion:149 Resp: 699045

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

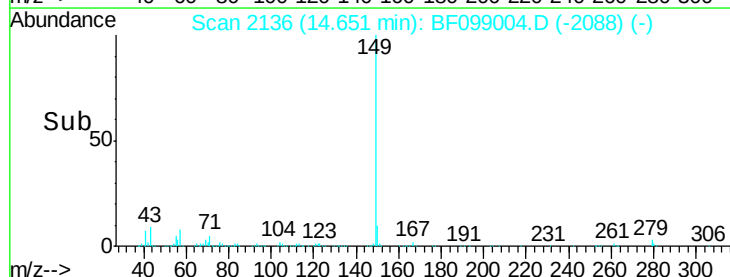
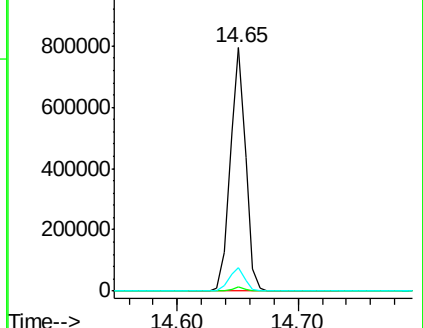
43 9.4 8.4 12.6

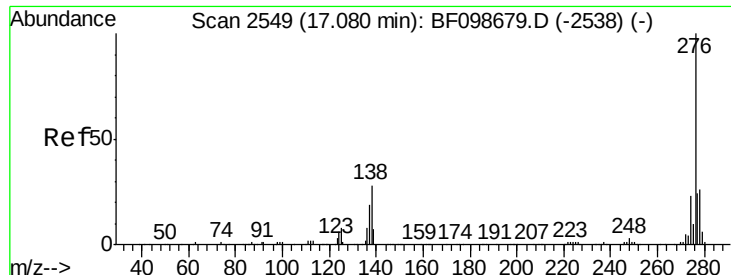


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

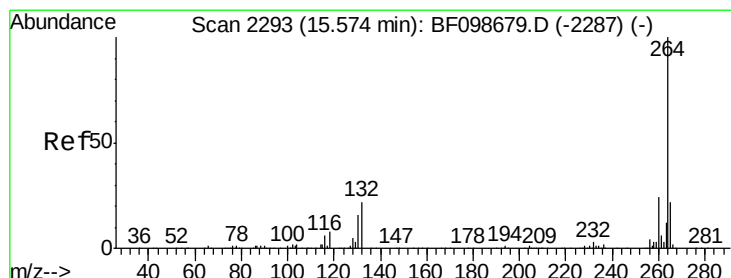
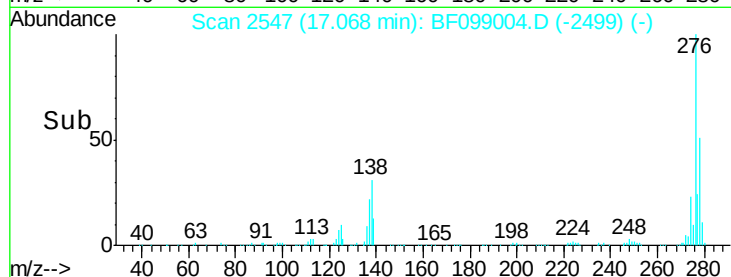
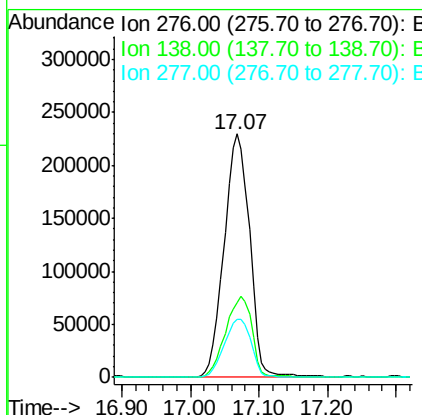
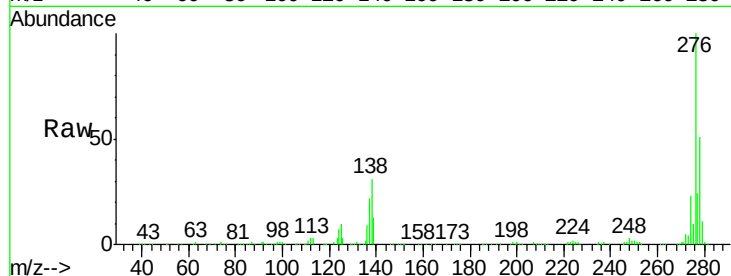




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.22 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

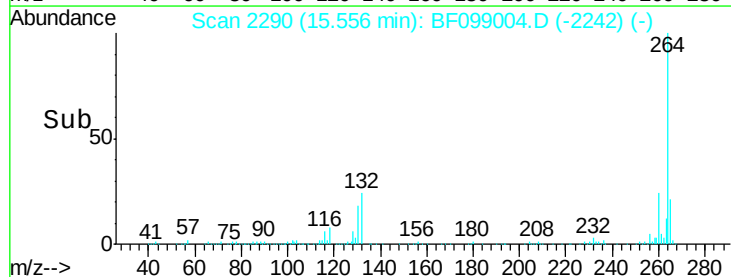
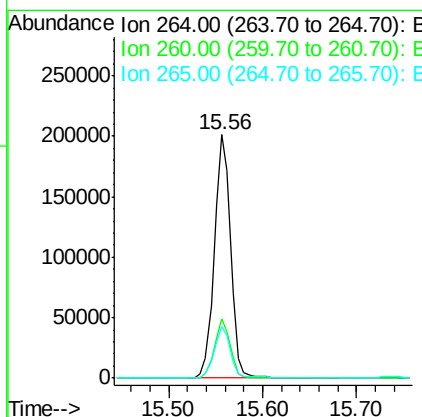
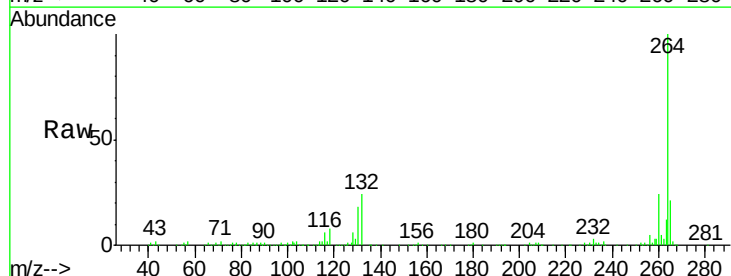
Instrument :
 BNA_F
 ClientSampleId :

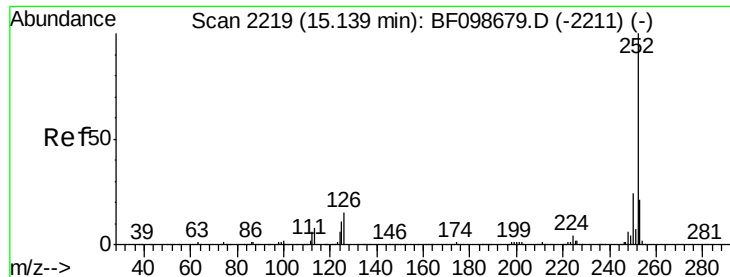
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.5	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	17.5	26.3

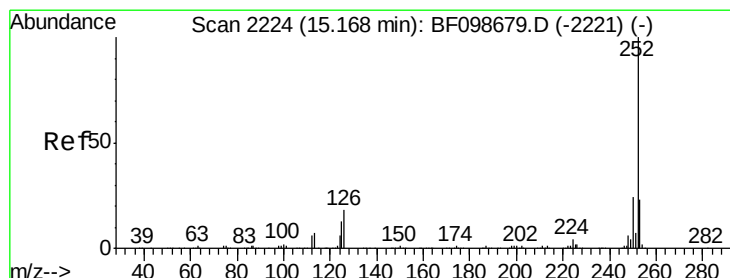
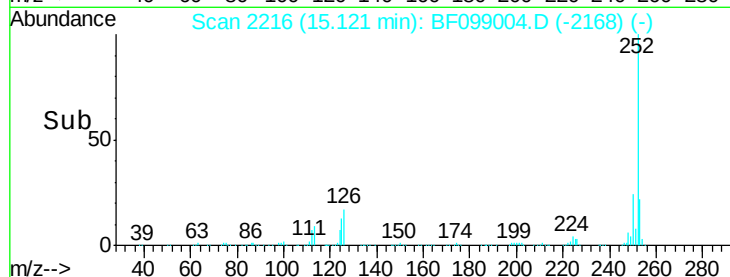
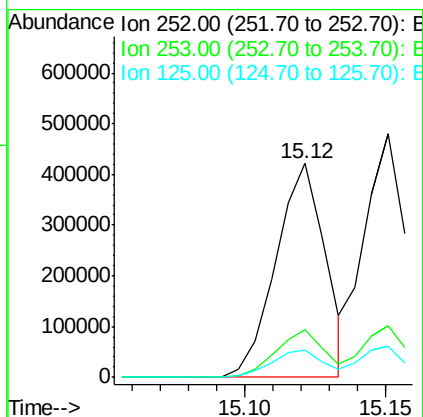
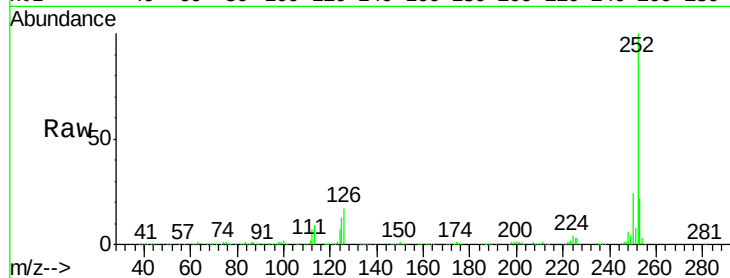




#87
Benzo(b)fluoranthene
Concen: 33.84 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

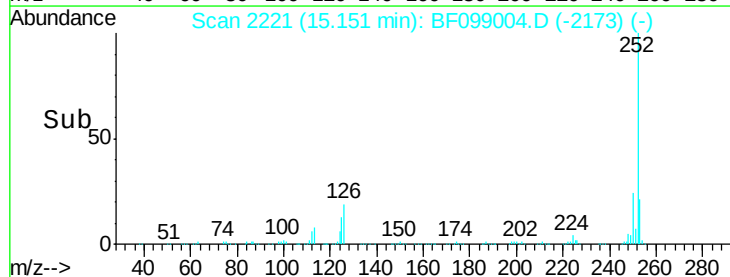
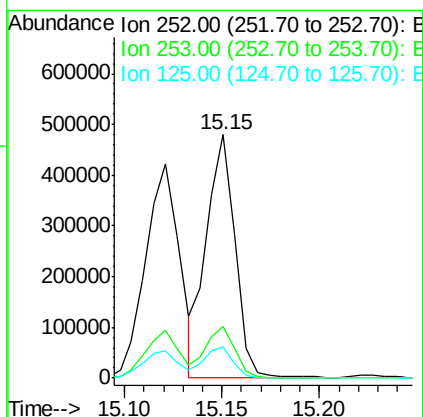
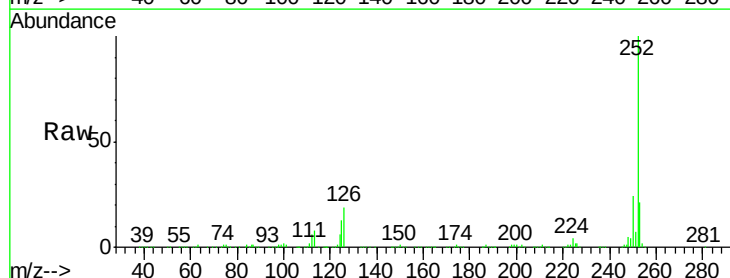
Instrument :
BNA_F
ClientSampleId :

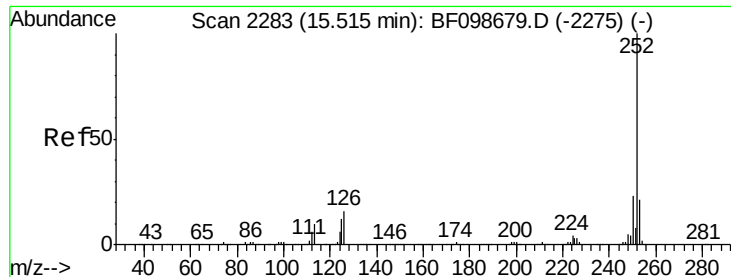
Tot Ion:252 Resp: 511948
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 32.53 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:252 Resp: 486115
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 12.9 10.2 15.2

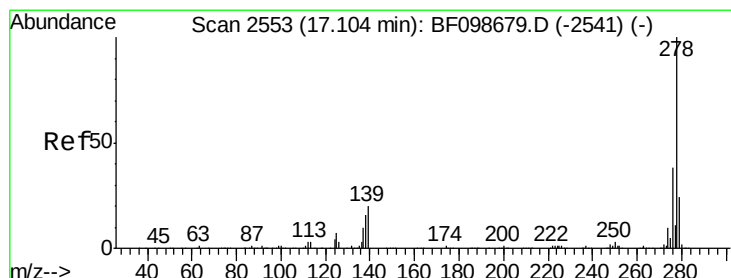
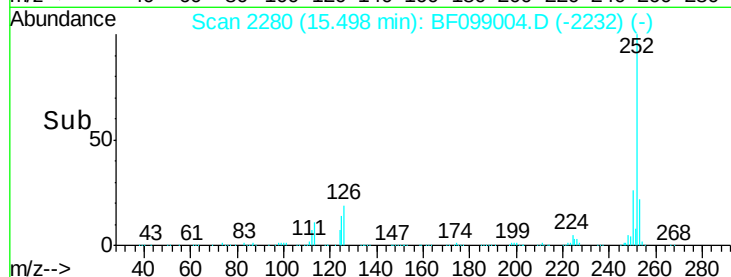
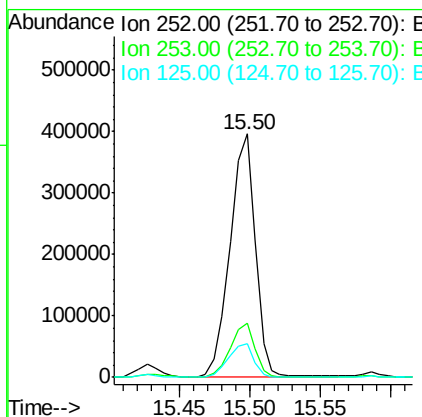
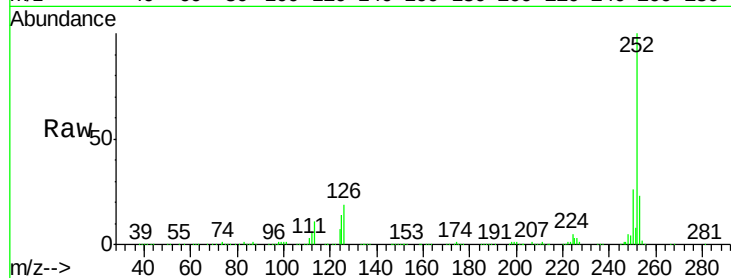




#89
Benzo(a)pyrene
Concen: 35.76 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

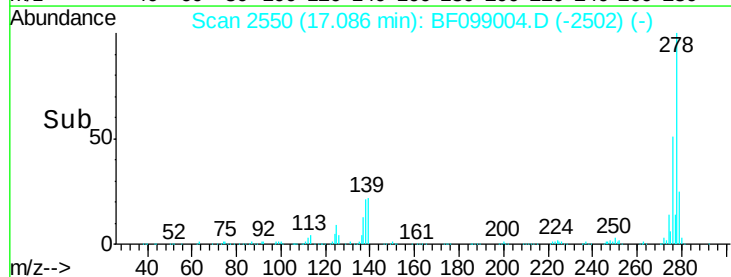
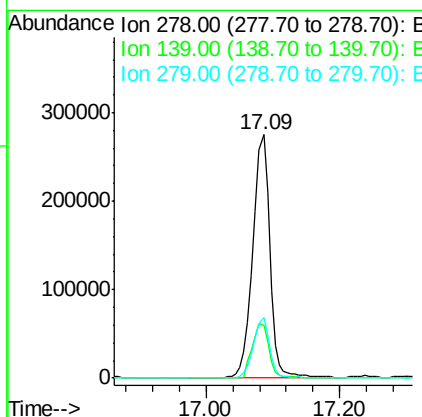
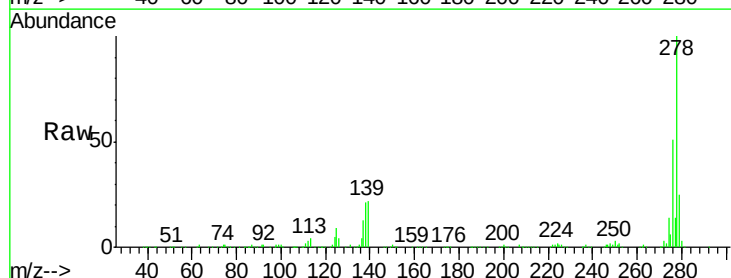
Instrument :
BNA_F
ClientSampled :

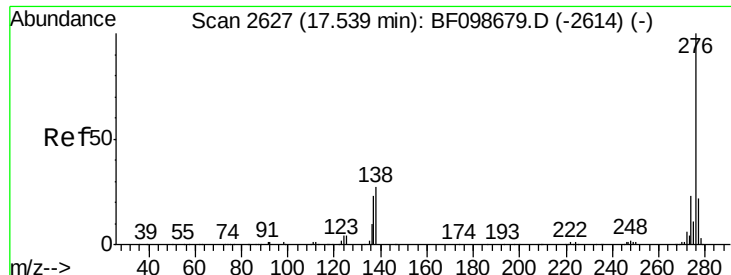
Tot Ion:252 Resp: 496691
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 14.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 43.26 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:278 Resp: 480819
Ion Ratio Lower Upper
278 100
139 21.6 15.9 23.9
279 24.9 19.0 28.4

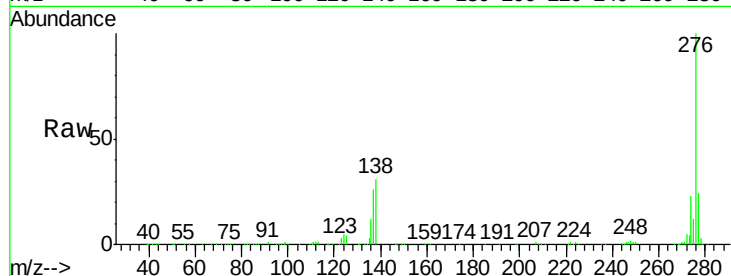




#91
 Benzo(a,h,i)perylene
 Concen: 46.29 ng
 RT: 17.53 min Scan# 2625
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	31.1	21.8	32.8



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

