

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099223.D
 Acq On : 8 Oct 2017 10:51
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:06:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	116623	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	487359	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	223349	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	395610	20.00	ng	0.00
75) Chrysene-d12	14.03	240	283934	20.00	ng	0.00
86) Perylene-d12	15.51	264	215889	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	588450	80.32	ng	0.00
7) Phenol-d6	6.50	99	722526	79.95	ng	0.00
23) Nitrobenzene-d5	7.43	82	602528	79.28	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	151978	83.16	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1084916	81.09	ng	0.00
78) Terphenyl-d14	12.97	244	1036060	82.98	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	134547	38.45	ng	95
3) Pyridine	3.42	79	365950	38.66	ng	94
4) n-Nitrosodimethylamine	3.37	42	134717	33.56	ng	82
6) Aniline	6.53	93	475546	38.99	ng	99
8) 2-Chlorophenol	6.66	128	332492	40.08	ng	93
9) Benzaldehyde	6.42	77	183494	35.00	ng	95
10) Phenol	6.52	94	428679	42.41	ng	95
11) bis(2-Chloroethyl)ether	6.60	93	307329	39.11	ng	98
12) 1,3-Dichlorobenzene	6.81	146	349179	40.19	ng	98
13) 1,4-Dichlorobenzene	6.89	146	355418	40.20	ng	98
14) 1,2-Dichlorobenzene	7.04	146	332329	40.69	ng	98
15) Benzyl Alcohol	7.01	79	247789	37.37	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	437303	35.72	ng	96
17) 2-Methylphenol	7.12	107	264863	39.02	ng	97
18) Hexachloroethane	7.37	117	122059	38.41	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	202939	35.17	ng	96
20) 3+4-Methylphenols	7.27	107	322887	37.60	ng	# 80
22) Acetophenone	7.28	105	433621	36.72	ng	# 97
24) Nitrobenzene	7.45	77	334189	38.77	ng	97
25) Isophorone	7.69	82	594139	37.81	ng	98
26) 2-Nitrophenol	7.77	139	187594	45.25	ng	# 87
27) 2,4-Dimethylphenol	7.80	122	292413	37.35	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	380644	38.87	ng	99
29) 2,4-Dichlorophenol	8.01	162	274329	40.81	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	271273	40.35	ng	100
31) Naphthalene	8.17	128	906260	39.59	ng	100
32) Benzoic acid	7.96	122	24542	3.82	ng	93
33) 4-Chloroaniline	8.22	127	388681	40.66	ng	97
34) Hexachlorobutadiene	8.29	225	136464	39.41	ng	99
35) Caprolactam	8.60	113	87723	40.69	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	299559	39.65	ng	94
37) 2-Methylnaphthalene	8.86	142	593604	39.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	272525	40.91	ng	99
40) Hexachlorocyclopentadiene	9.01	237	137300	45.10	ng	98

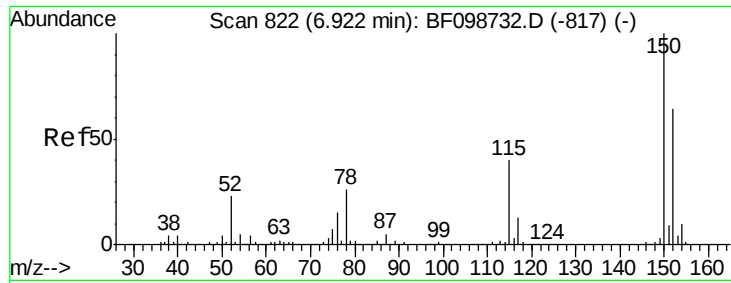
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099223.D
 Acq On : 8 Oct 2017 10:51
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
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Instrument :
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 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	182877	38.76	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	186496	39.59	nq	99
45) 1,1'-Biphenyl	9.33	154	766526	39.93	nq	99
46) 2-Chloronaphthalene	9.35	162	577989	40.10	nq	98
47) 2-Nitroaniline	9.45	65	172088	39.00	nq	93
48) Acenaphthylene	9.77	152	881065	39.93	nq	100
49) Dimethylphthalate	9.63	163	671868	39.86	nq	100
50) 2,6-Dinitrotoluene	9.69	165	155184	42.29	nq	88
51) Acenaphthene	9.94	154	520318	37.23	nq	99
52) 3-Nitroaniline	9.86	138	185223	43.29	nq	94
53) 2,4-Dinitrophenol	9.97	184	56023	33.01	nq	88
54) Dibenzofuran	10.11	168	739894	39.76	nq	100
55) 4-Nitrophenol	10.02	139	123136	34.03	nq	92
56) 2,4-Dinitrotoluene	10.10	165	203215	42.67	nq	# 90
57) Fluorene	10.46	166	606726	40.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	125937	38.70	nq	98
59) Diethylphthalate	10.32	149	631554	38.34	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	265950	39.58	nq	94
61) 4-Nitroaniline	10.48	138	184874	44.78	nq	88
62) Azobenzene	10.60	77	558613	36.88	nq	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	101313	42.09	nq	82
65) n-Nitrosodiphenylamine	10.56	169	547666	39.96	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	155336	40.11	nq	97
67) Hexachlorobenzene	11.00	284	166916	40.36	nq	97
68) Atrazine	11.09	200	166933	40.48	nq	99
69) Pentachlorophenol	11.20	266	98037	38.09	nq	98
70) Phenanthrene	11.42	178	847152	40.01	nq	99
71) Anthracene	11.47	178	874875	40.38	nq	99
72) Carbazole	11.63	167	867708	40.90	nq	99
73) Di-n-butylphthalate	11.94	149	990537	38.78	nq	99
74) Fluoranthene	12.61	202	868234	40.49	nq	98
76) Benzidine	12.73	184	442280	42.11	nq	98
77) Pyrene	12.84	202	894434	41.31	nq	99
79) Butylbenzylphthalate	13.44	149	410599	40.35	nq	93
80) Benzo(a)anthracene	14.03	228	692271	40.26	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	250704	39.78	nq	98
82) Chrysene	14.06	228	662675	40.48	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	533264	38.06	nq	100
84) Di-n-octyl phthalate	14.61	149	811141	35.95	nq	96
85) Indeno(1,2,3-cd)pyrene	17.00	276	482213	36.83	nq	96
87) Benzo(b)fluoranthene	15.11	252	516215	38.89	nq	98
88) Benzo(k)fluoranthene	15.11	252	516215	39.37	nq	99
89) Benzo(a)pyrene	15.44	252	489437	40.17	nq	# 96
90) Dibenzo(a,h)anthracene	17.02	278	385146	39.50	nq	97
91) Benzo(g,h,i)perylene	17.46	276	406437	42.17	nq	98

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

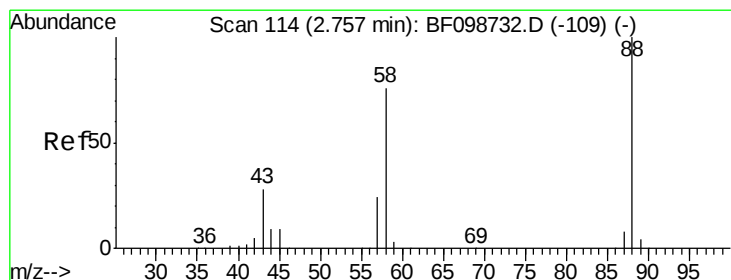
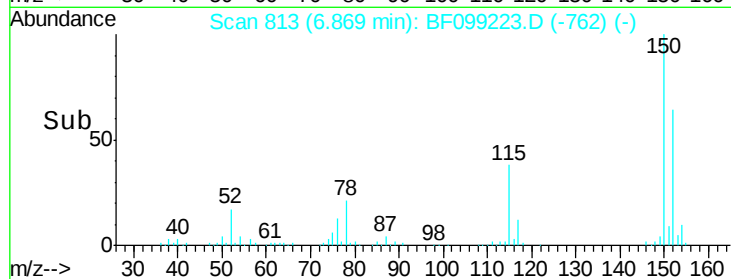
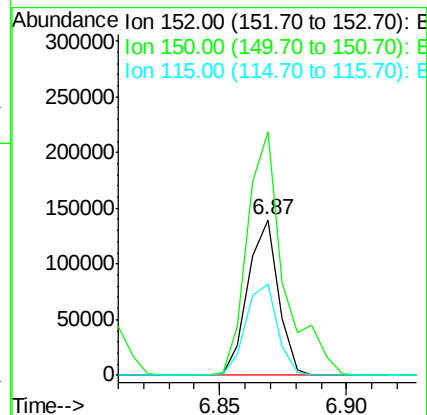
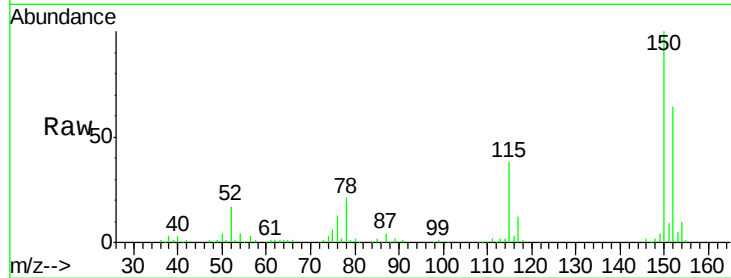


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Instrument :
BNA_F
ClientSampled :

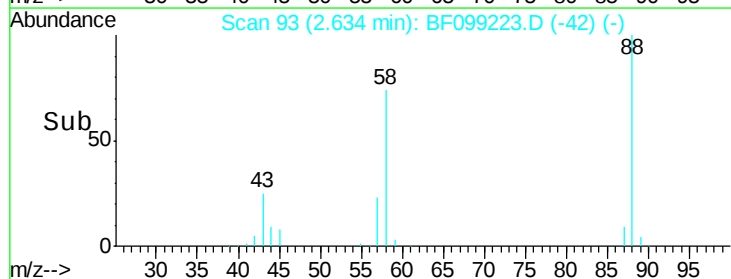
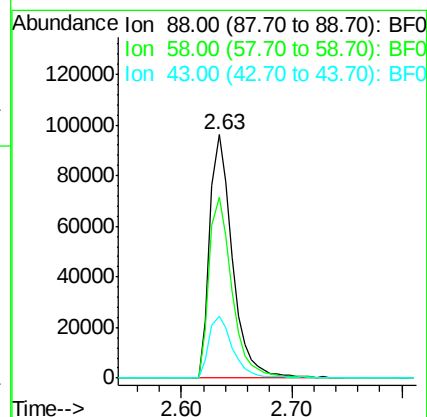
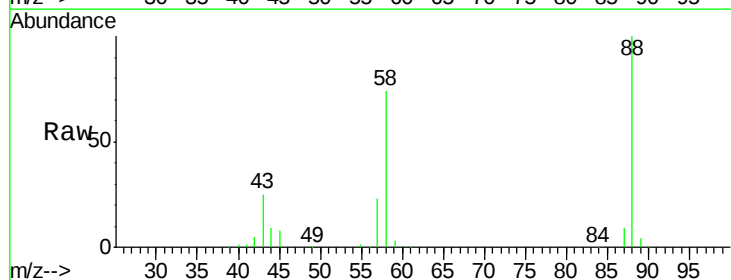
Tot Ion:152 Resp: 116623
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 58.7 50.1 75.1

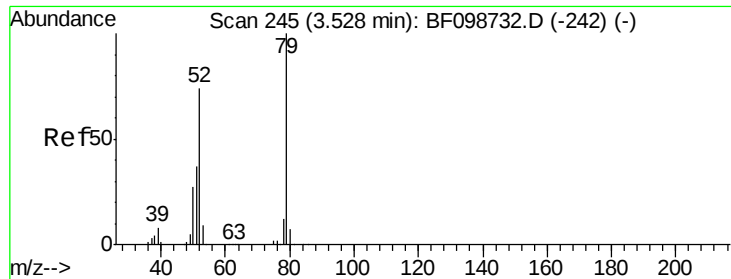


#2

1,4-Dioxane
Concen: 38.45 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion: 88 Resp: 134547
Ion Ratio Lower Upper
88 100
58 74.7 62.6 93.8
43 26.9 24.6 37.0





#3

Pvridine

Concen: 38.66 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.01 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

Instrument :

BNA_F

ClientSampleId :

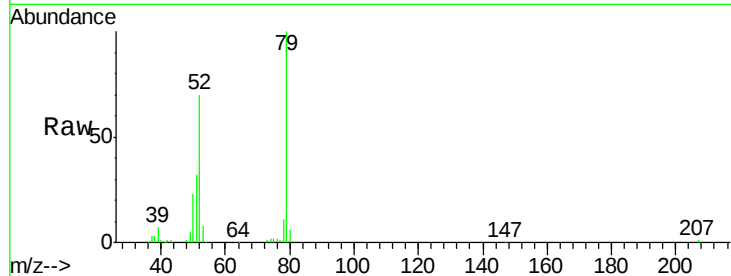
Tot Ion: 79 Resp: 365950

Ion Ratio Lower Upper

79 100

52 70.3 59.8 89.6

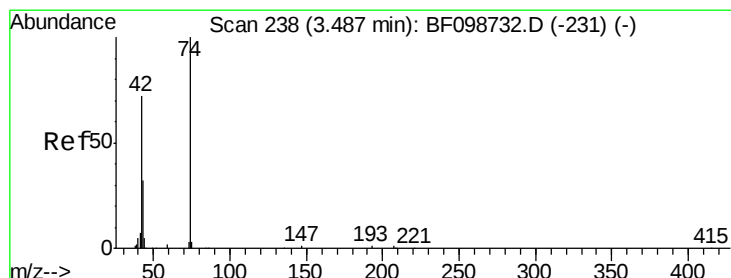
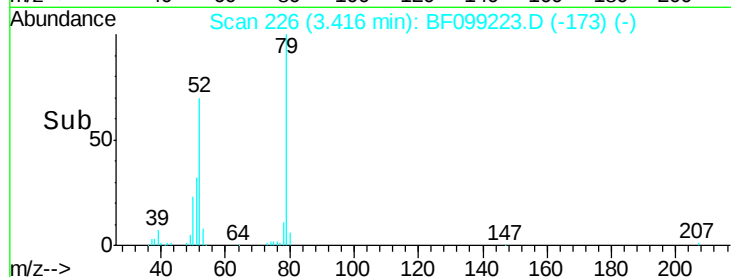
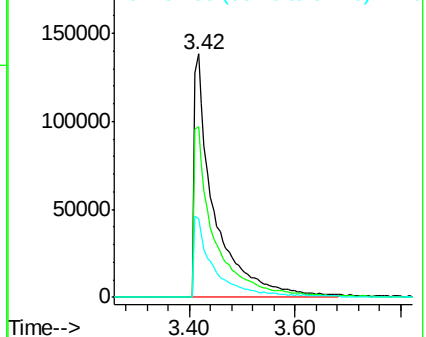
51 32.5 29.8 44.8



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: 33.56 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

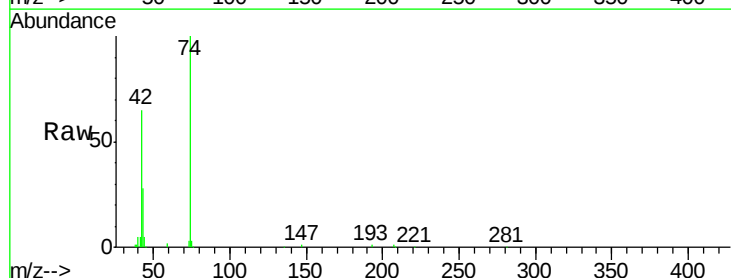
Tgt Ion: 42 Resp: 134717

Ion Ratio Lower Upper

42 100

74 152.9 104.9 157.3

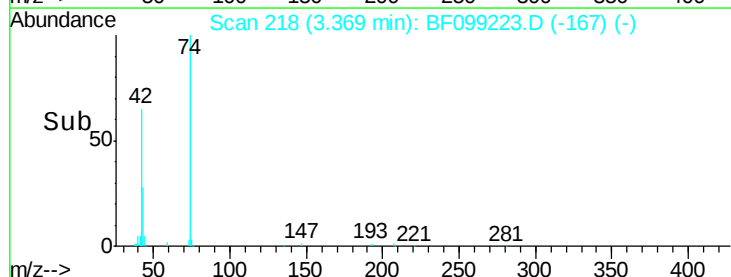
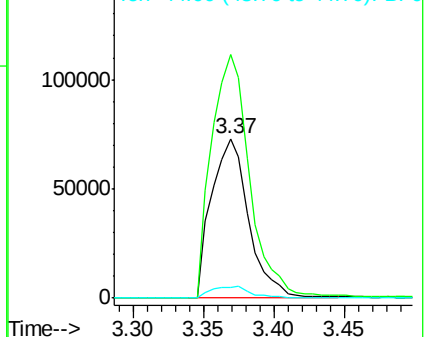
44 7.0 6.9 10.3

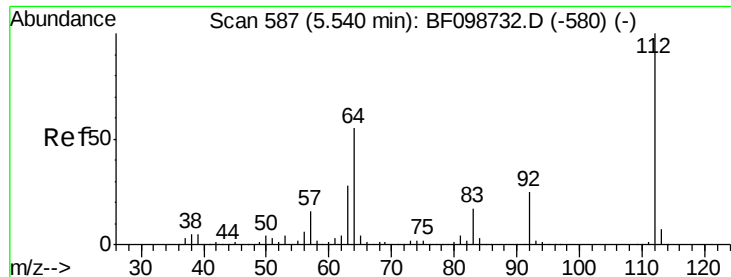


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.32 ng

RT: 5.49 min Scan# 578

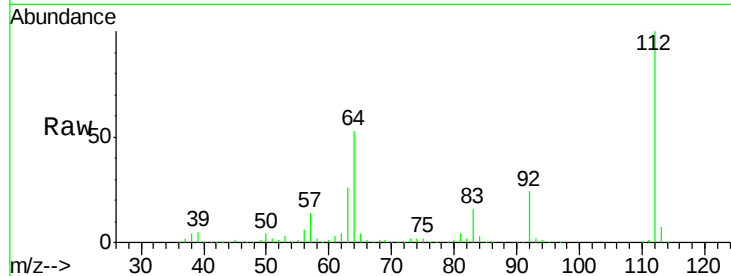
Delta R.T. 0.01 min

Lab File: BF099223.D

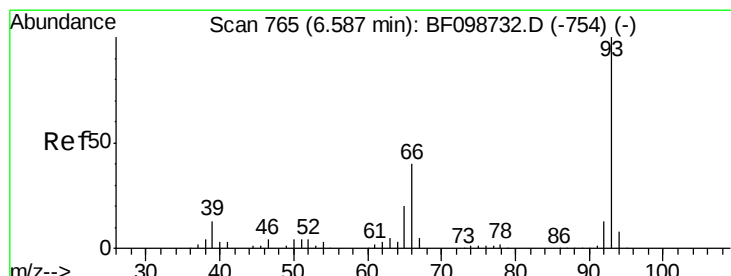
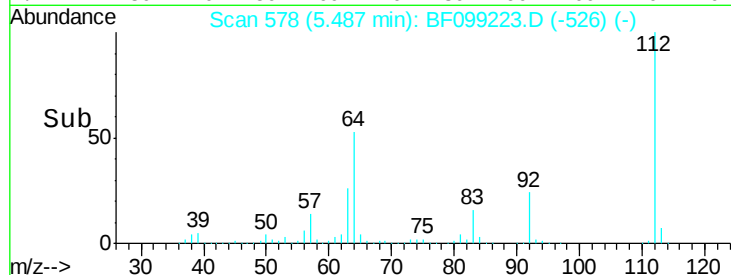
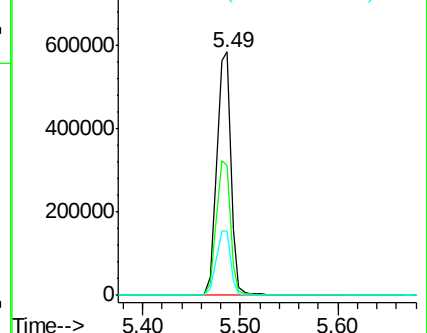
Acq: 8 Oct 2017 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	588450
Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	26.2	23.7	35.5



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



#6

Aniline

Concen: 38.99 ng

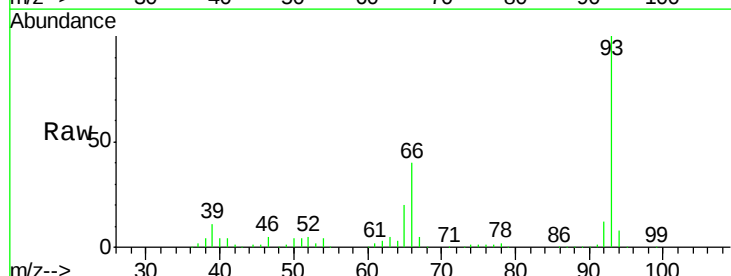
RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

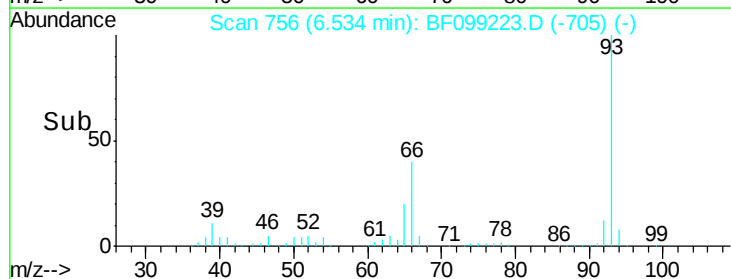
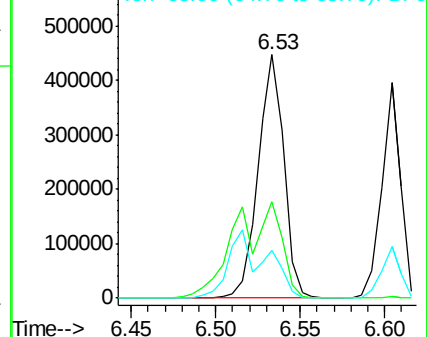
Lab File: BF099223.D

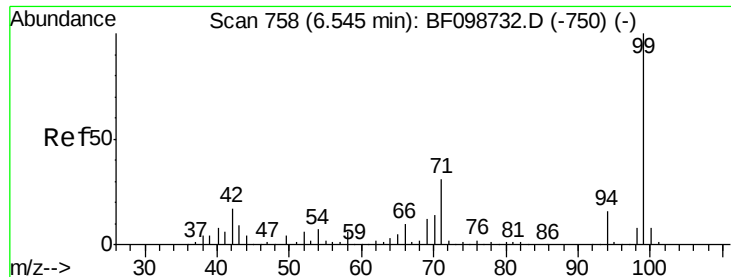
Acq: 8 Oct 2017 10:51

Tgt Ion:	93	Resp:	475546
Ion	Ratio	Lower	Upper
93	100		
66	39.6	32.2	48.2
65	19.6	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: 79.95 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

Instrument :

BNA_F

ClientSampleId :

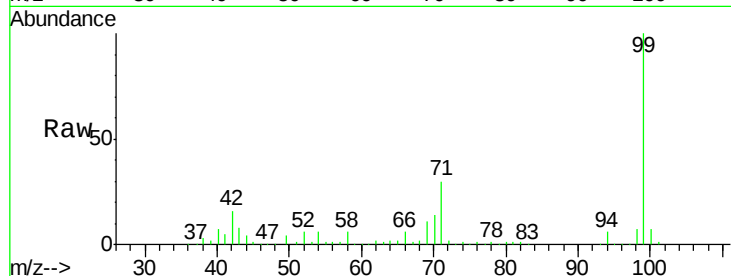
Tot Ion: 99 Resp: 722526

Ion Ratio Lower Upper

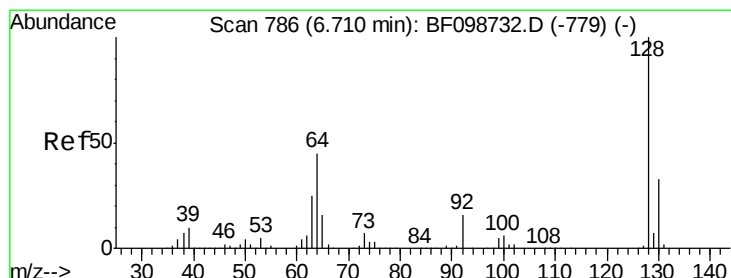
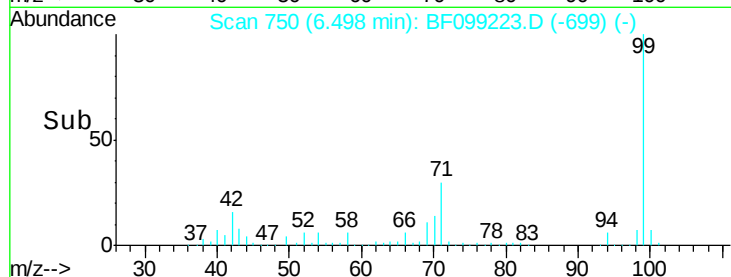
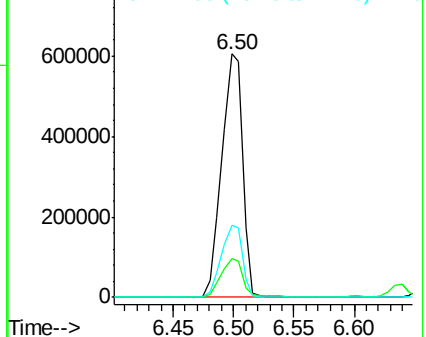
99 100

42 15.8 14.5 21.7

71 29.8 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: 40.08 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

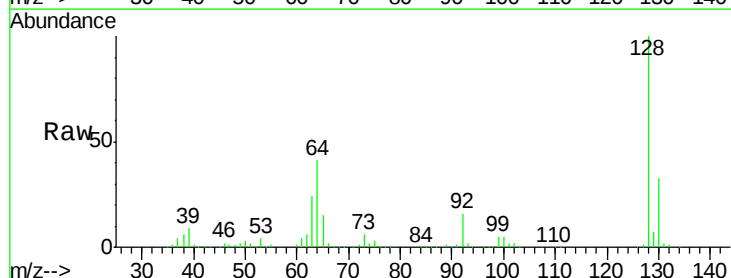
Tgt Ion:128 Resp: 332492

Ion Ratio Lower Upper

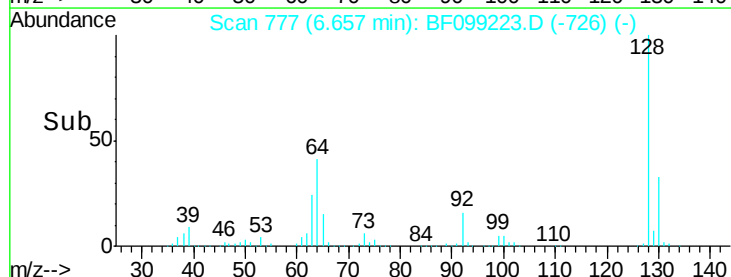
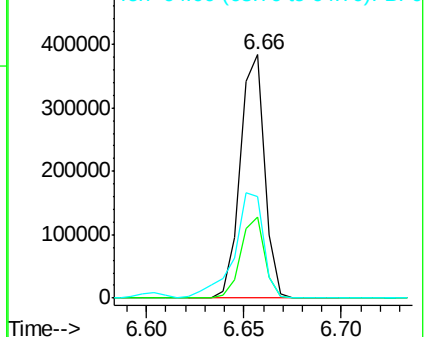
128 100

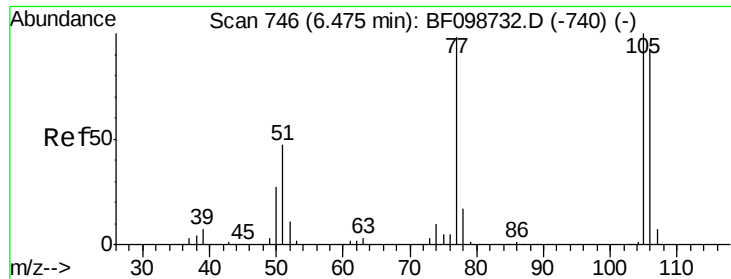
130 33.1 13.0 53.0

64 41.5 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: 35.00 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

Instrument :

BNA_F

ClientSampleId :

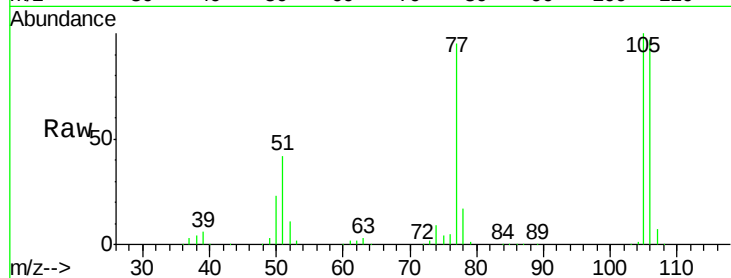
Tot Ion: 77 Resp: 183494

Ion Ratio Lower Upper

77 100

105 104.8 81.1 121.1

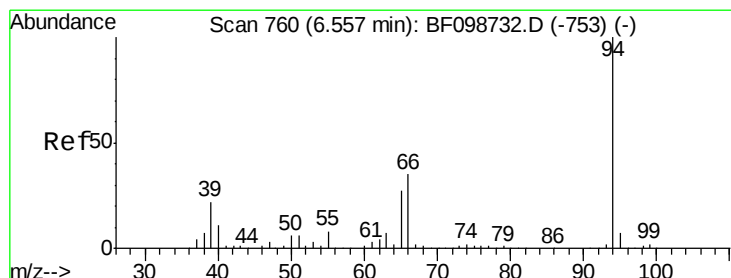
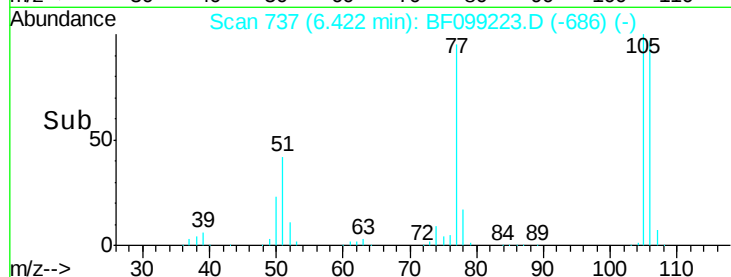
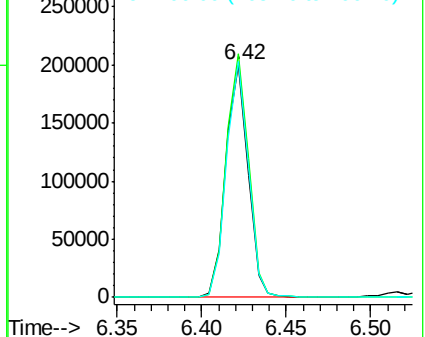
106 101.7 74.5 114.5



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: 42.41 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

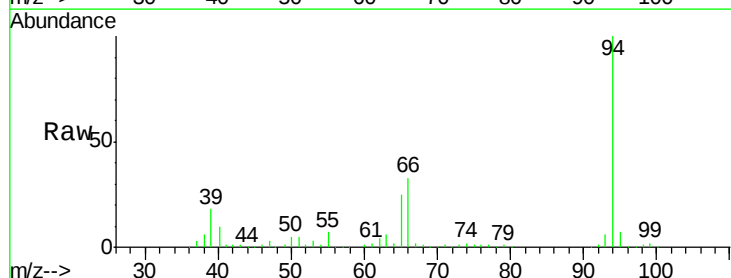
Tgt Ion: 94 Resp: 428679

Ion Ratio Lower Upper

94 100

65 25.2 7.9 47.9

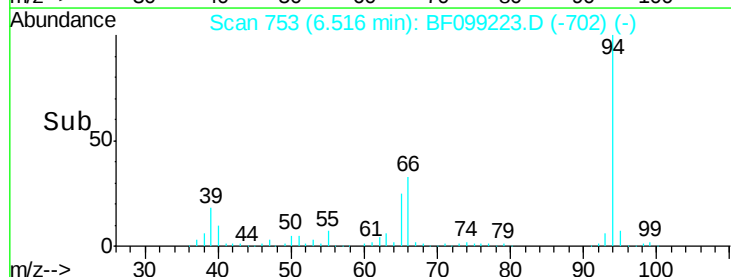
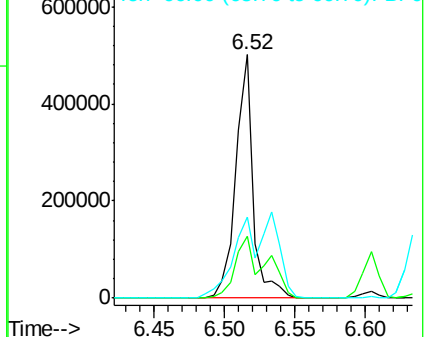
66 33.3 16.2 56.2

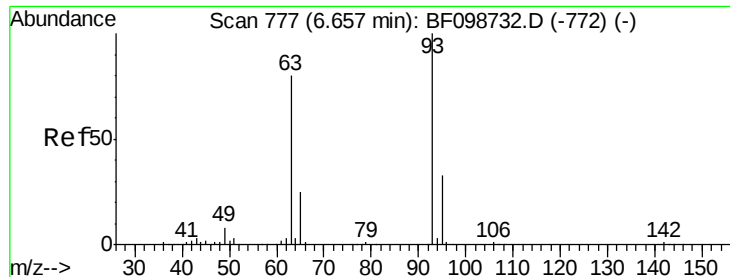


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

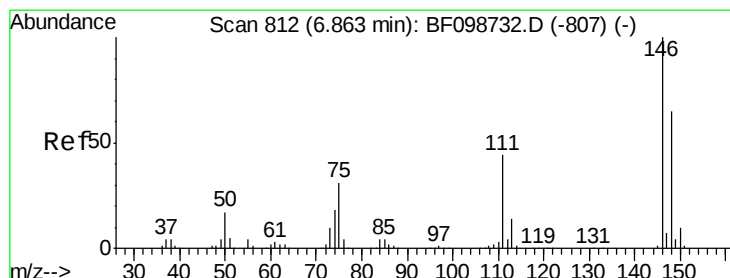
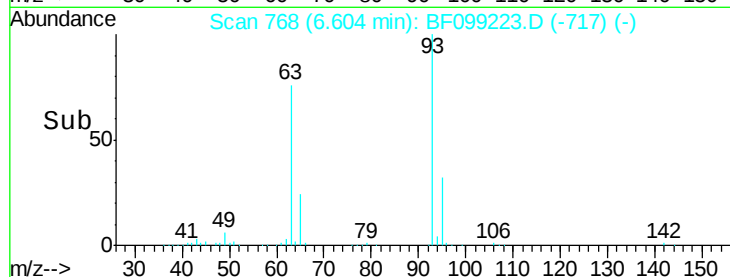
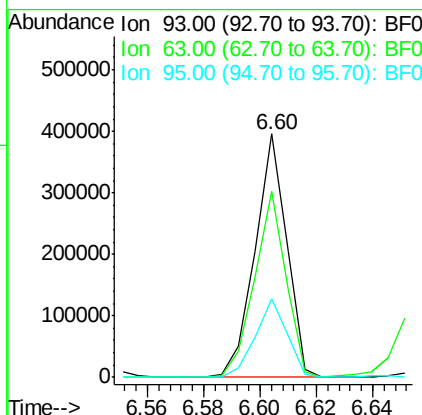
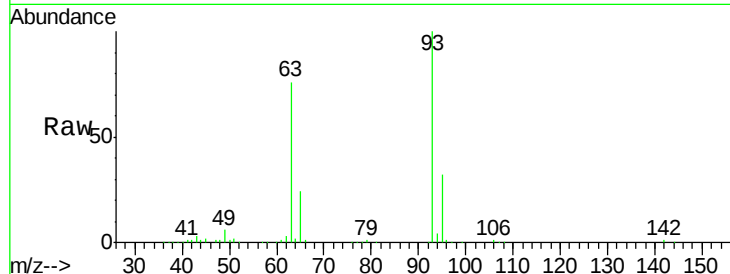




#11
bis(2-Chloroethyl)ether
Concen: 39.11 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

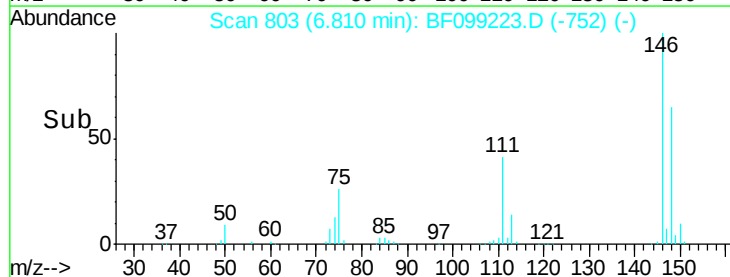
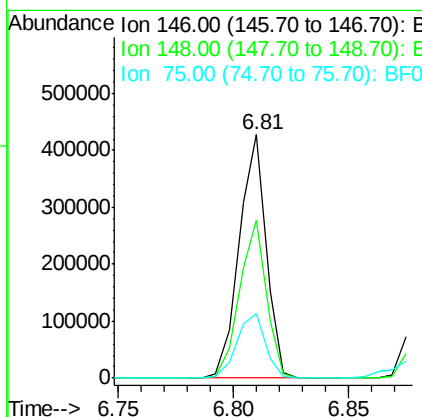
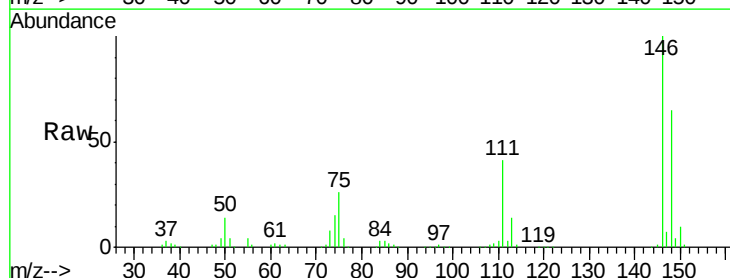
Instrument :
BNA_F
ClientSampleId :

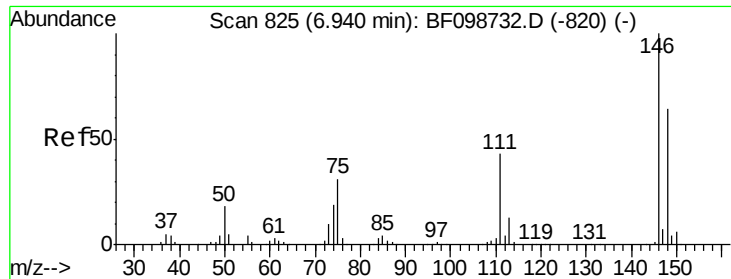
Tot Ion: 93 Resp: 307329
Ion Ratio Lower Upper
93 100
63 76.2 58.6 98.6
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.19 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion: 146 Resp: 349179
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 26.4 24.2 36.4

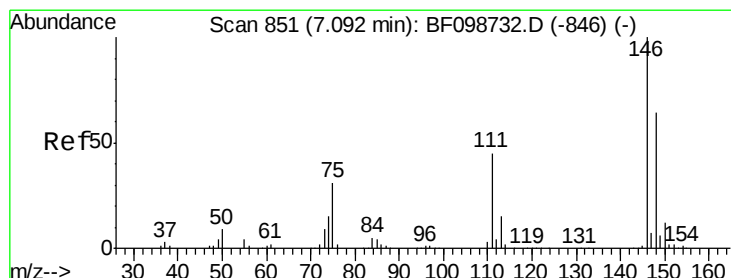
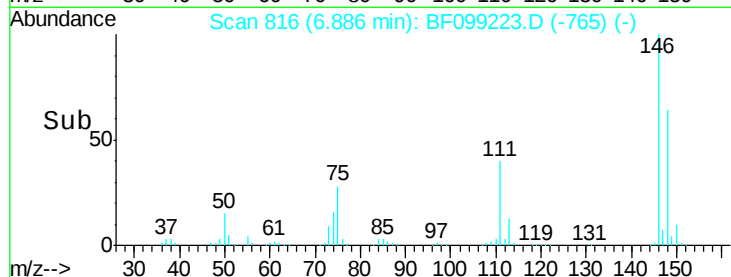
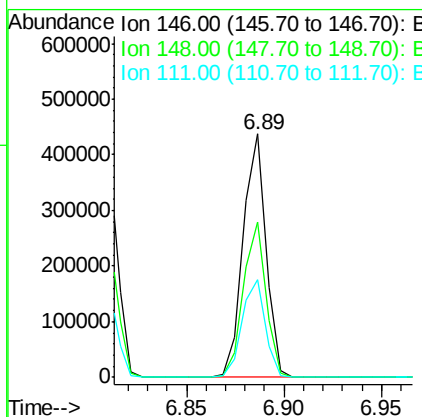
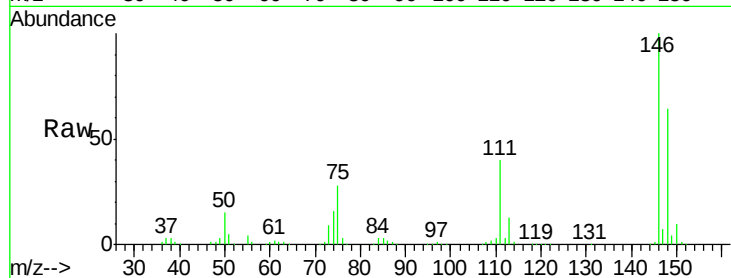




#13
 1,4-Dichlorobenzene
 Concen: 40.20 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

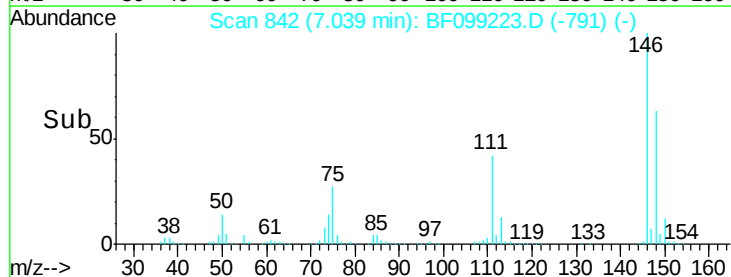
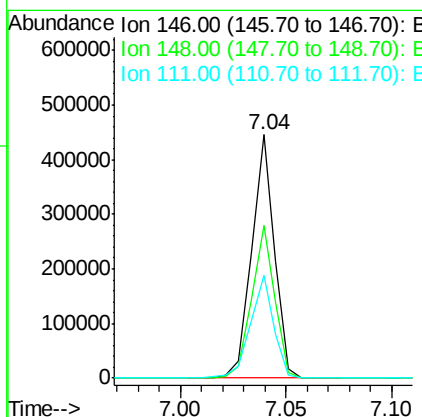
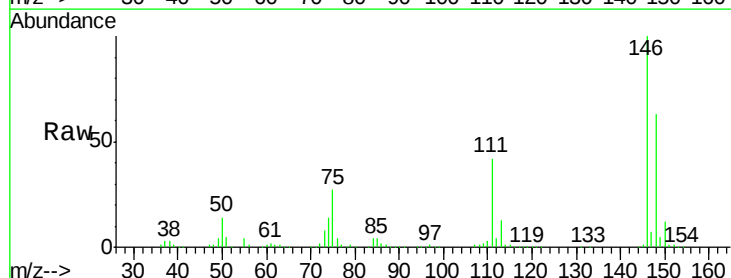
Instrument :
 BNA_F
 ClientSampled :

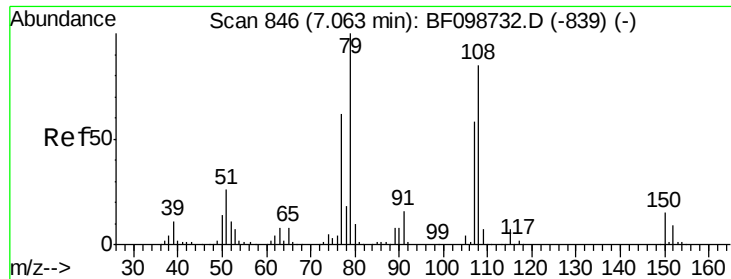
Tot Ion:146 Resp: 355418
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 40.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.69 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

Tgt Ion:146 Resp: 332329
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 75.8
 111 42.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.37 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

Instrument :

BNA_F

ClientSampleId :

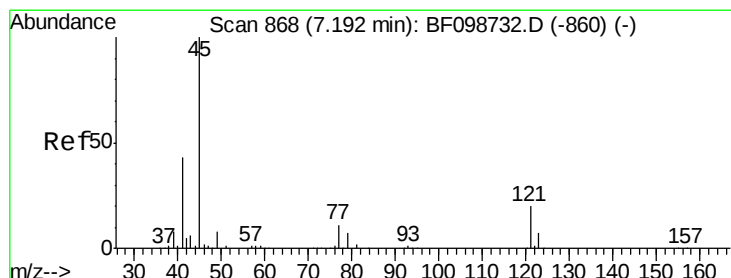
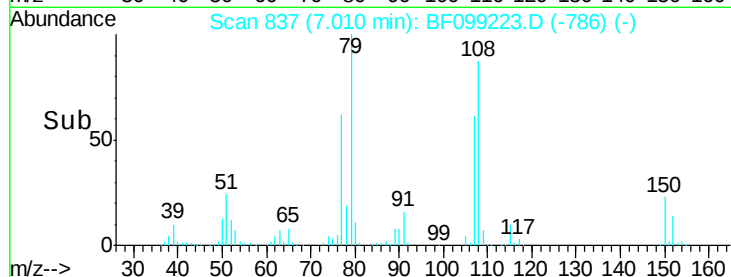
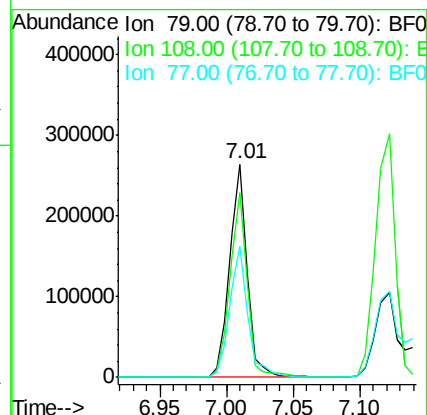
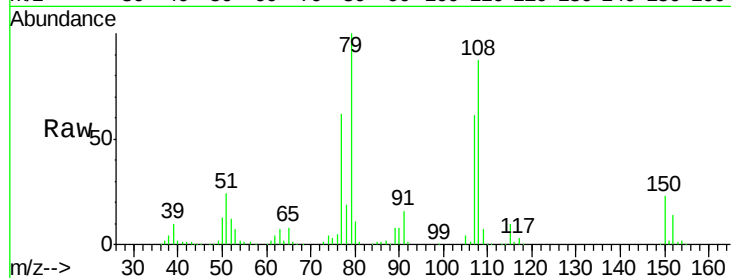
Tot Ion: 79 Resp: 247789

Ion Ratio Lower Upper

79 100

108 86.8 65.1 97.7

77 61.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.72 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

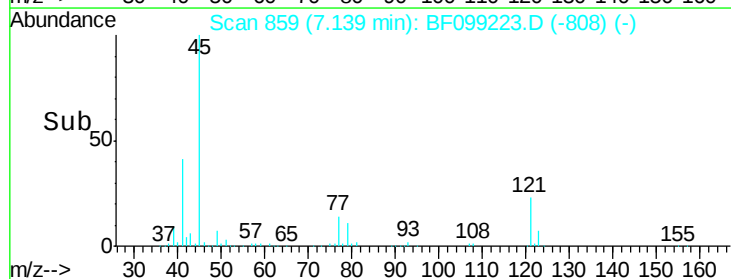
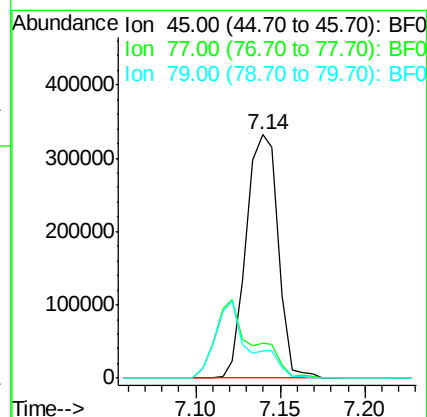
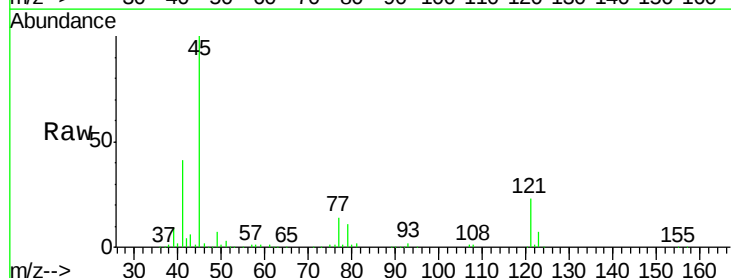
Tgt Ion: 45 Resp: 437303

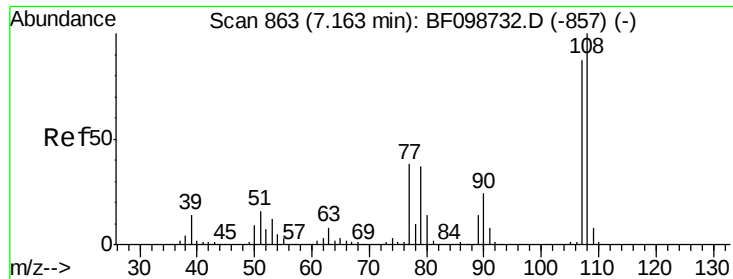
Ion Ratio Lower Upper

45 100

77 14.4 0.0 32.9

79 11.1 0.0 29.6

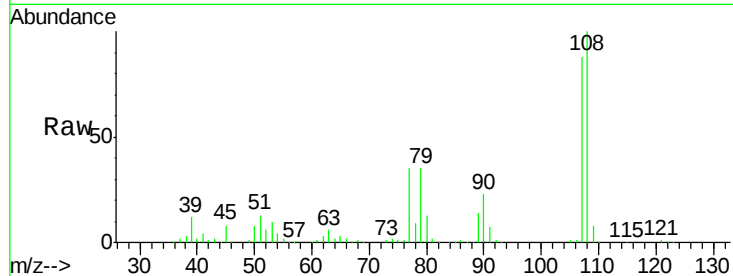




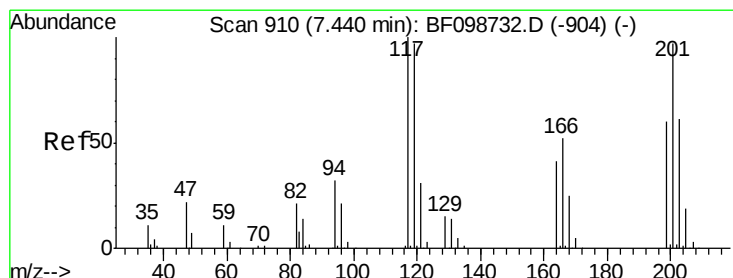
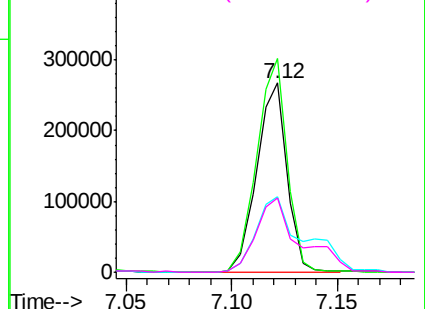
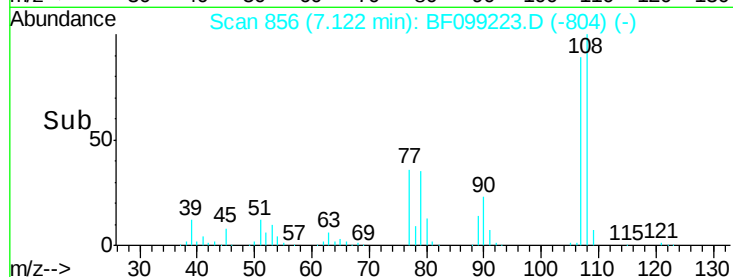
#17
2-Methylphenol
Concen: 39.02 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 264863
Ion Ratio Lower Upper
107 100
108 113.0 91.7 137.5
77 40.1 33.8 50.8
79 39.5 33.8 50.8

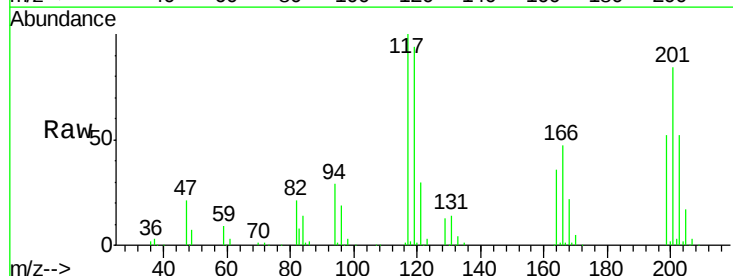


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

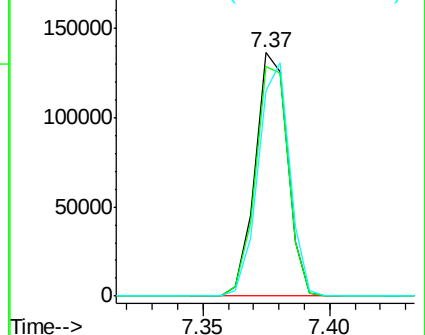
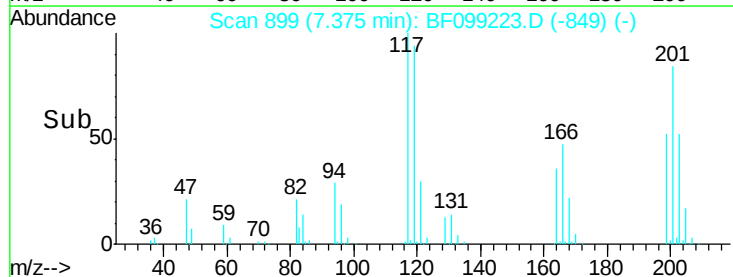


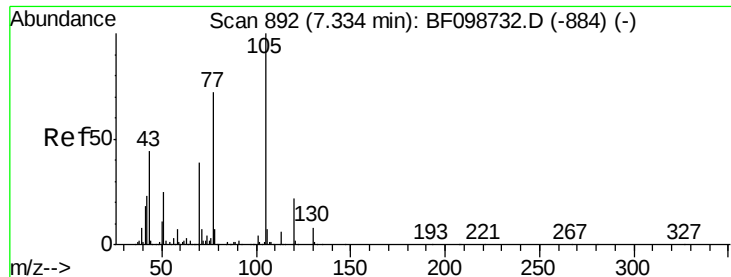
#18
Hexachloroethane
Concen: 38.41 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:117 Resp: 122059
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
201 84.2 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

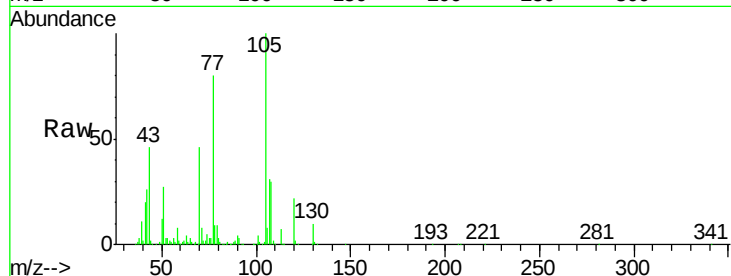




#19
n-Nitroso-di-n-propylamine
Concen: 35.17 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	202939
Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.5	71.3
101	9.6	7.4	11.2
130	21.7	16.6	25.0



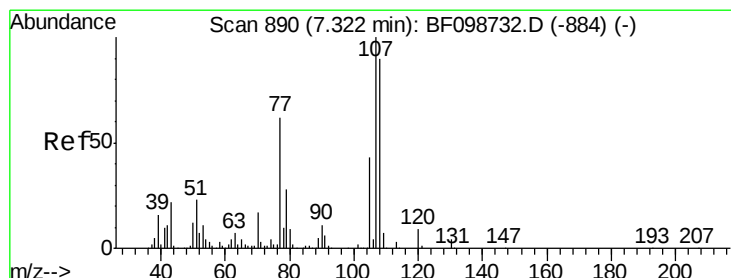
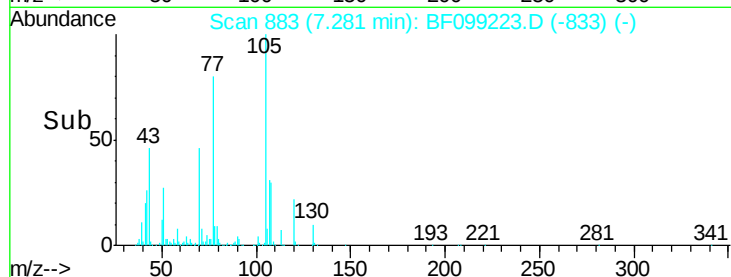
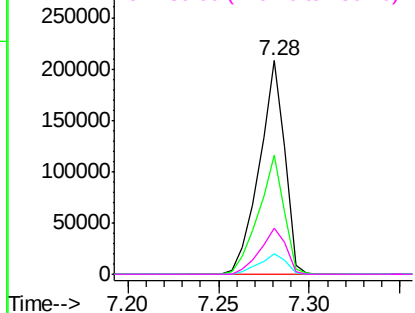
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

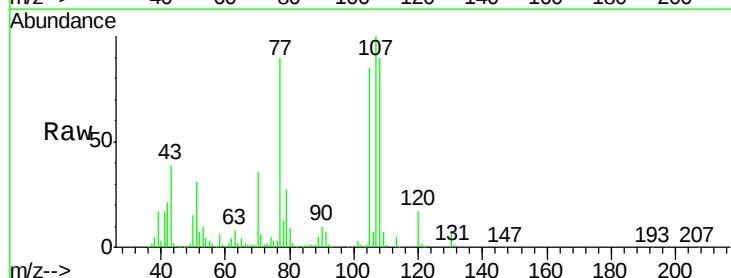
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 37.60 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:	107	Resp:	322887
Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.2	108.2
77	90.0	26.7	66.7#
79	26.8	6.3	46.3



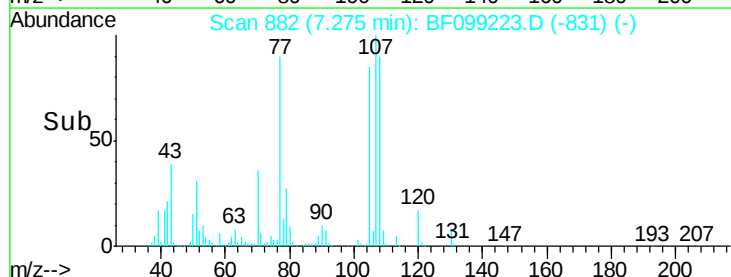
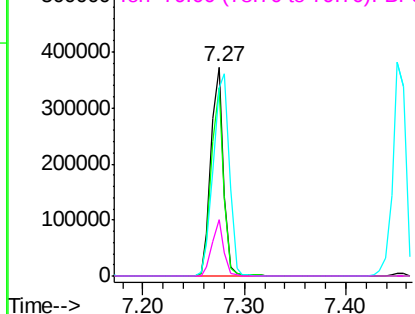
Abundance

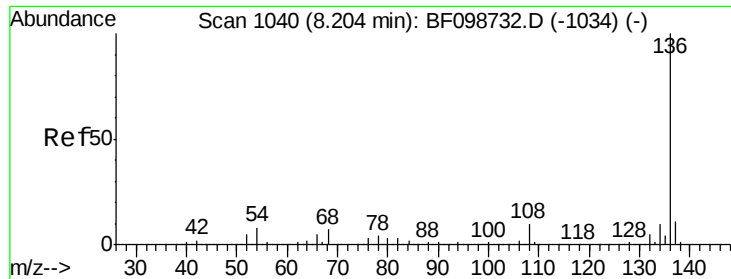
Ion 107.00 (106.70 to 107.70): E

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

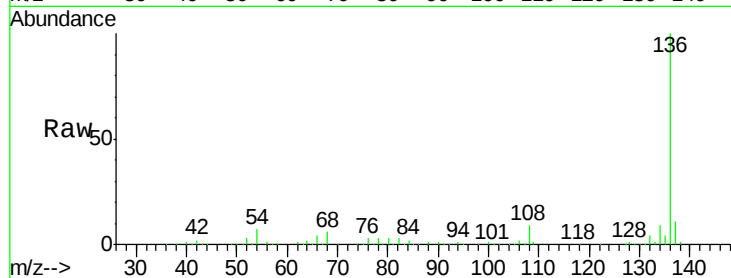




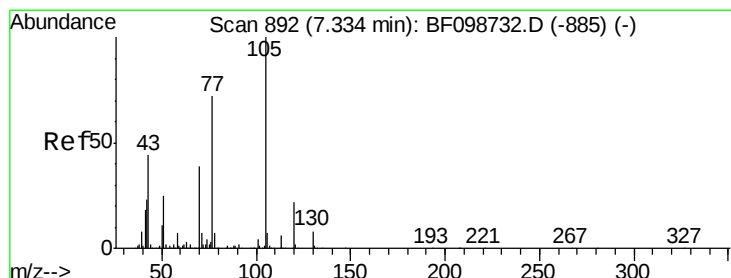
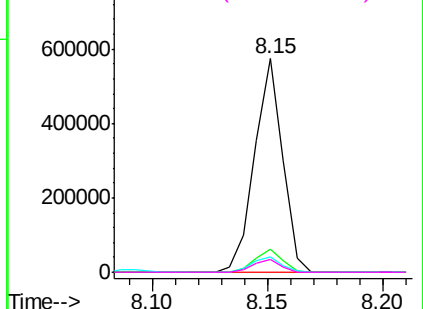
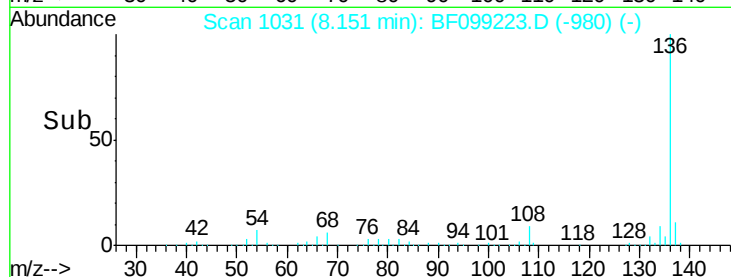
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	487359
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.3	6.6 9.8
68	6.0	5.0 7.4

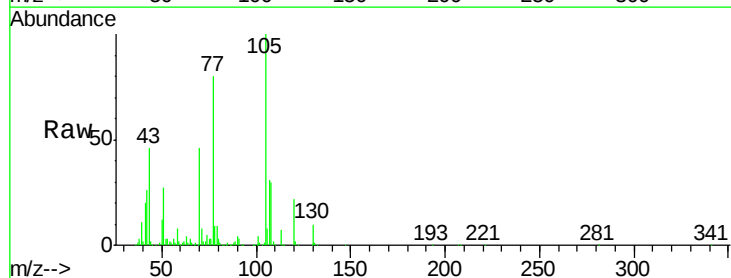


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

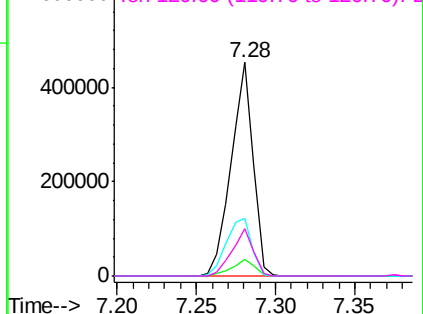
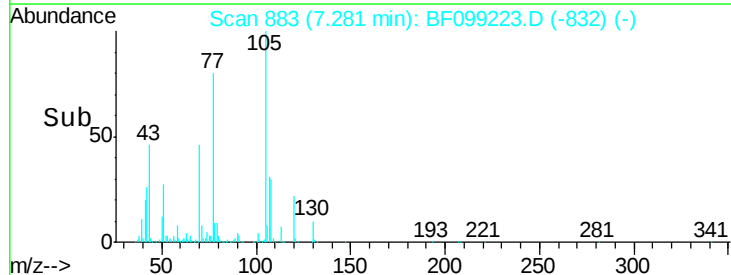


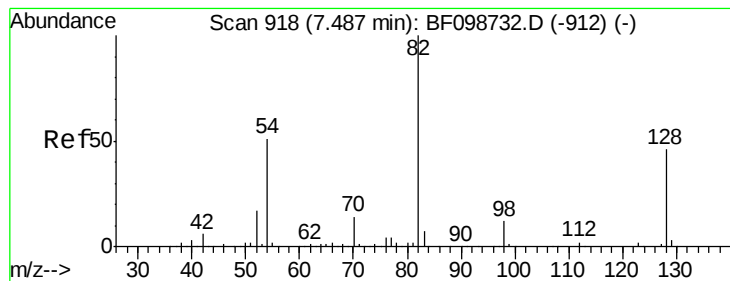
#22
Acetophenone
Concen: 36.72 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:105	Resp:	433621
Ion Ratio	Lower	Upper
105	100	
71	7.7	4.4 6.6#
51	26.7	22.3 33.5
120	22.0	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: 79.28 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

Instrument :

BNA_F

ClientSampleId :

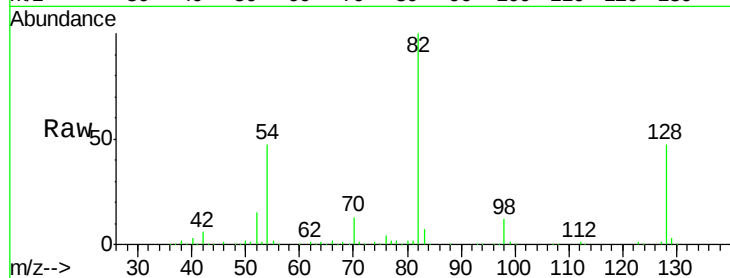
Tot Ion: 82 Resp: 602528

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

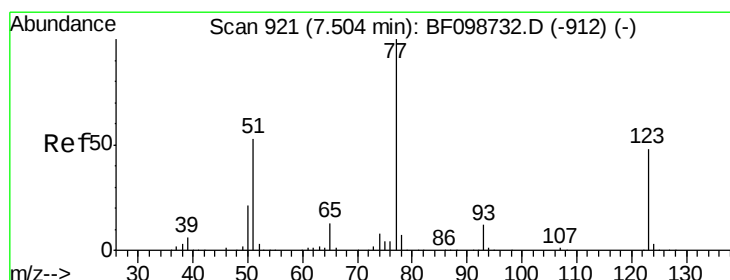
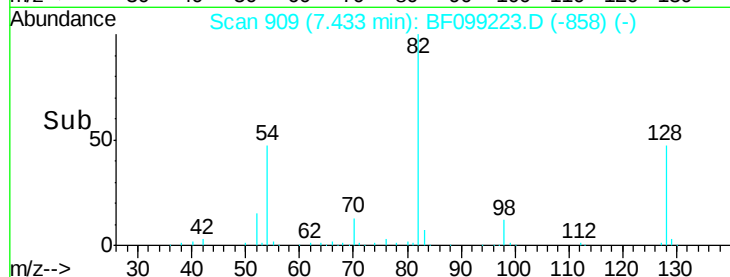
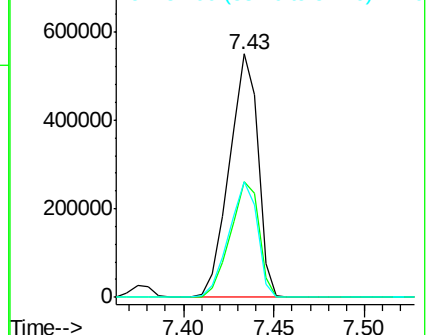
54 47.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.77 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

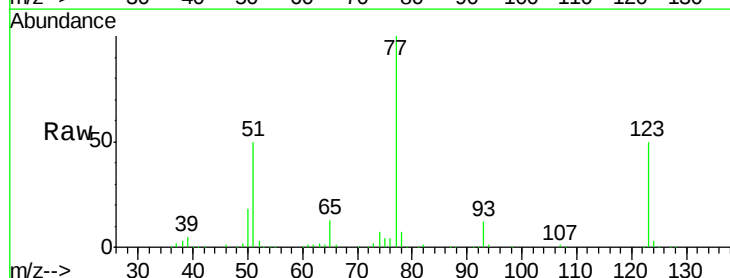
Tgt Ion: 77 Resp: 334189

Ion Ratio Lower Upper

77 100

123 49.9 37.9 56.9

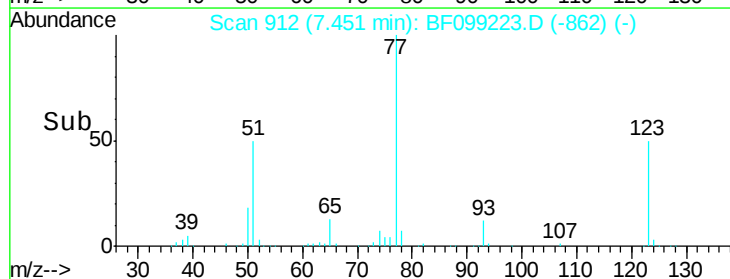
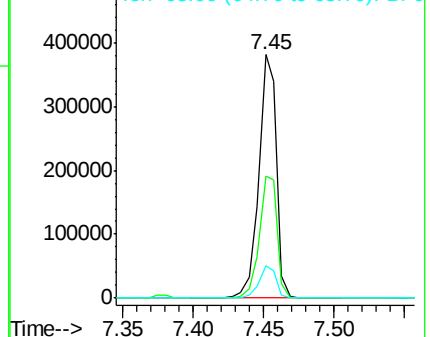
65 13.4 11.0 16.4

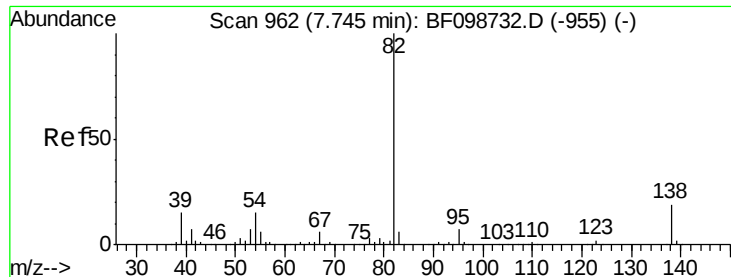


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.81 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

Instrument :

BNA_F

ClientSampleId :

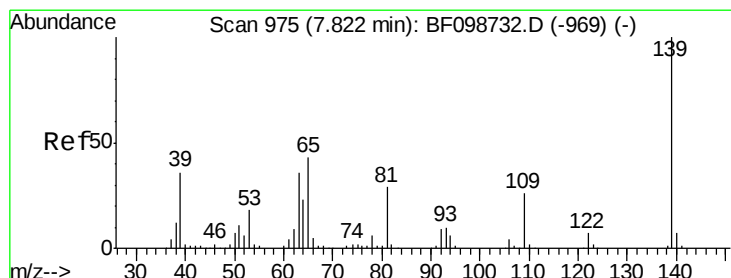
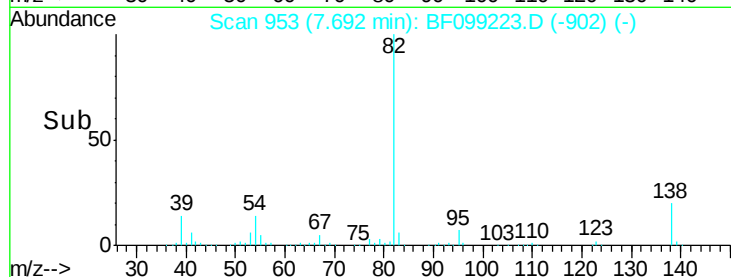
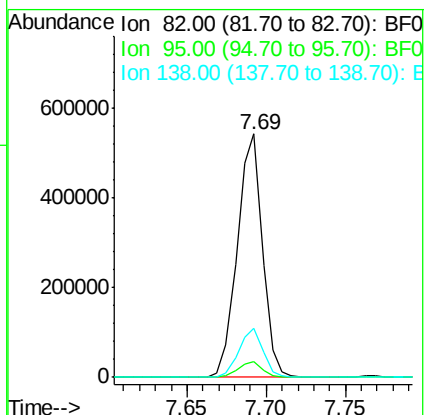
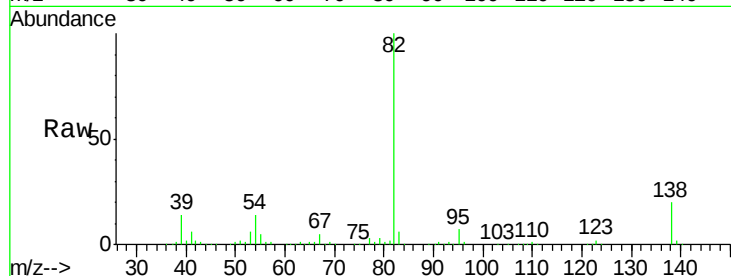
Tot Ion: 82 Resp: 594139

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 20.0 14.9 22.3



#26

2-Nitrophenol

Concen: 45.25 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

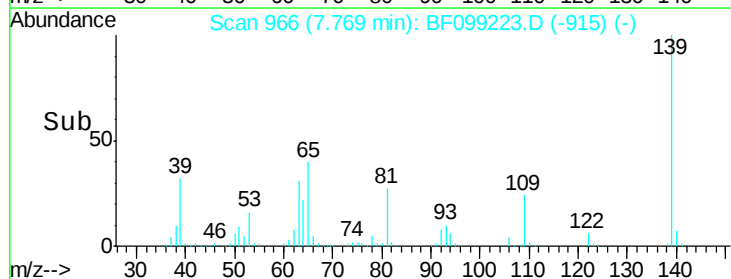
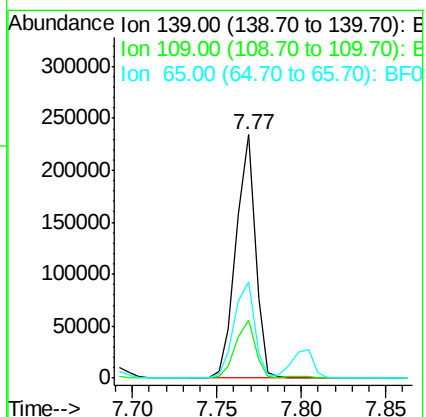
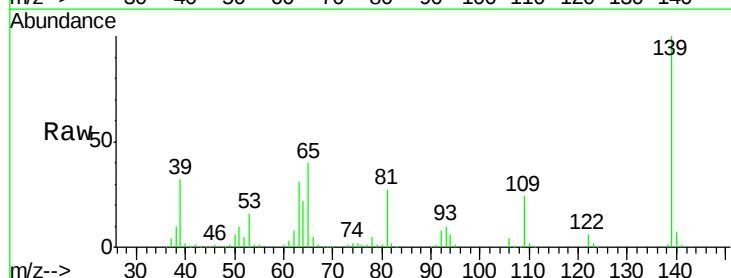
Tgt Ion: 139 Resp: 187594

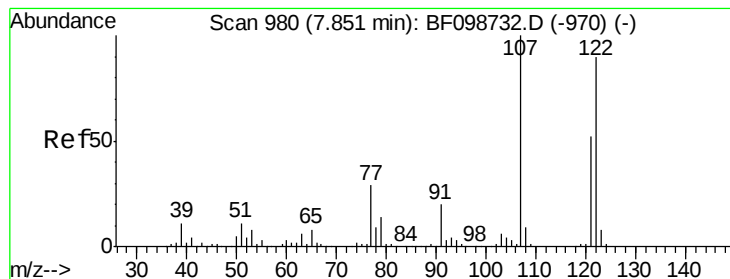
Ion Ratio Lower Upper

139 100

109 23.7 22.7 34.1

65 39.7 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 37.35 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

Instrument :

BNA_F

ClientSampled :

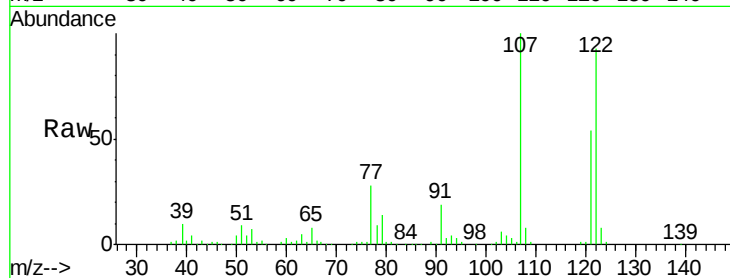
Tot Ion:122 Resp: 292413

Ion Ratio Lower Upper

122 100

107 107.9 91.2 136.8

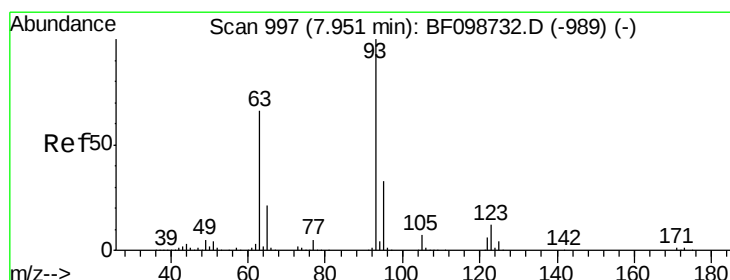
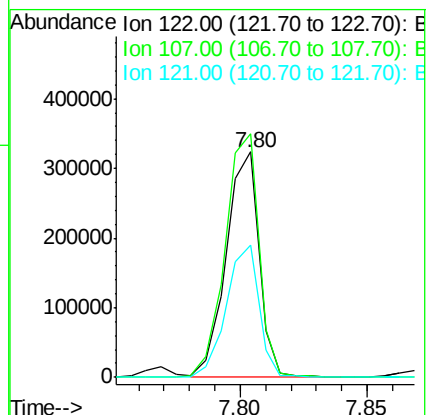
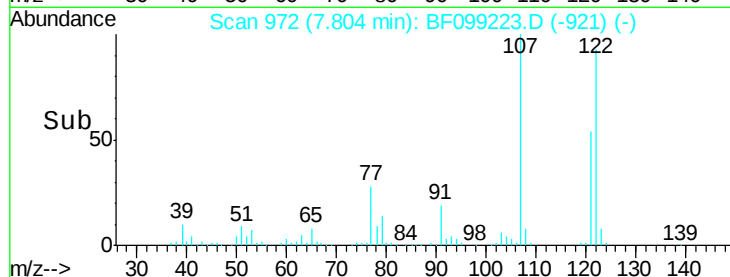
121 58.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.87 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

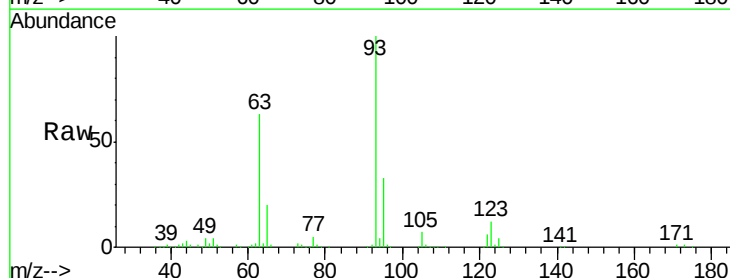
Tgt Ion: 93 Resp: 380644

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

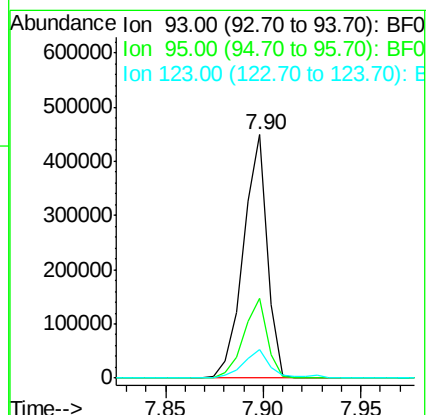
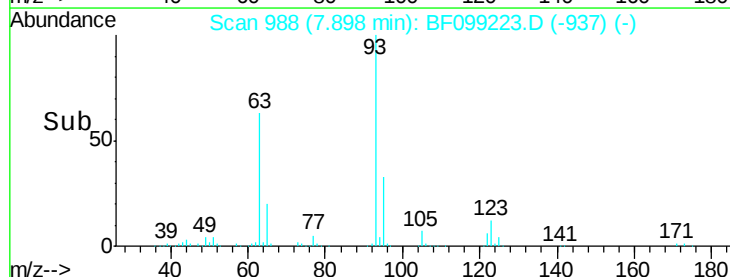
123 11.8 9.8 14.6

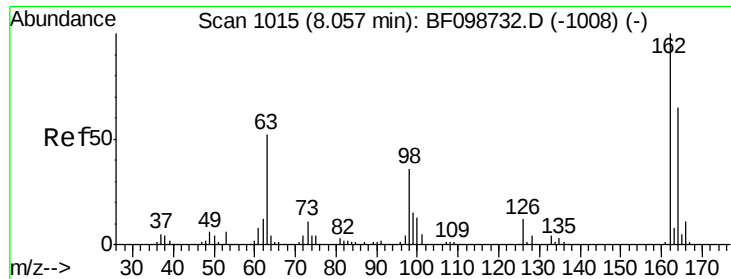


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

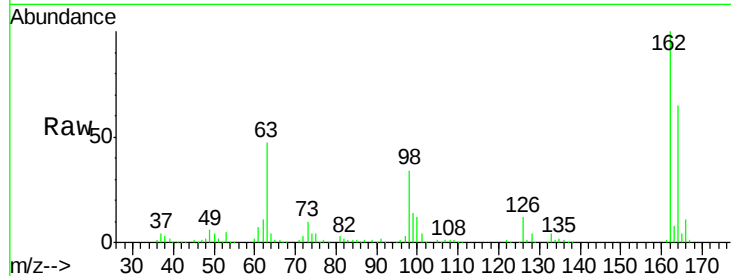




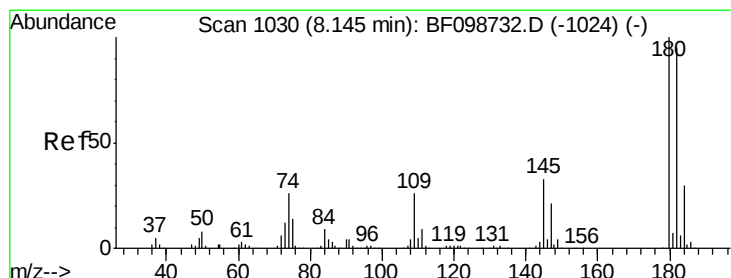
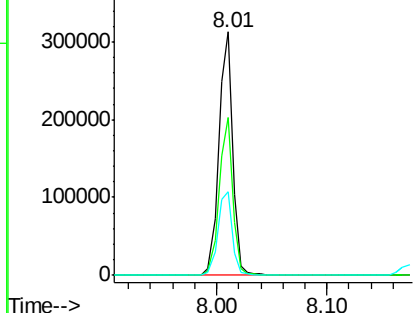
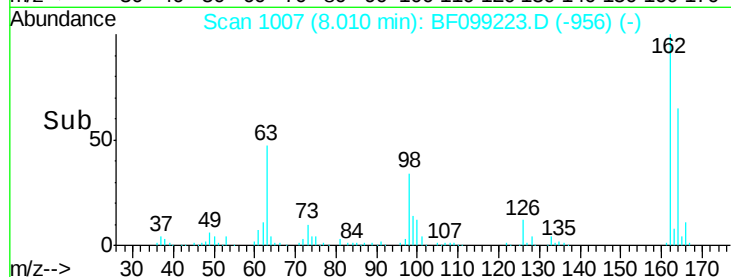
#29
2,4-Dichlorophenol
Concen: 40.81 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 274329
Ion Ratio Lower Upper
162 100
164 64.9 42.7 82.7
98 34.3 18.1 58.1

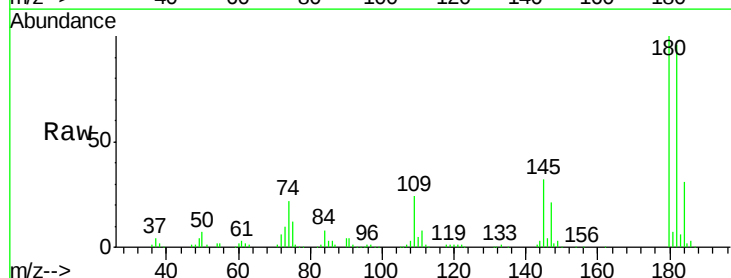


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BFO

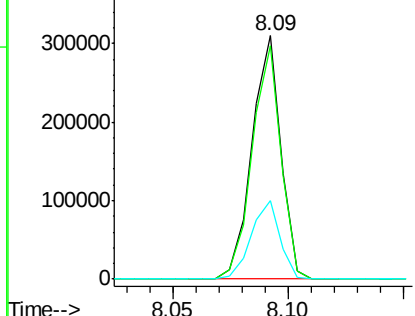
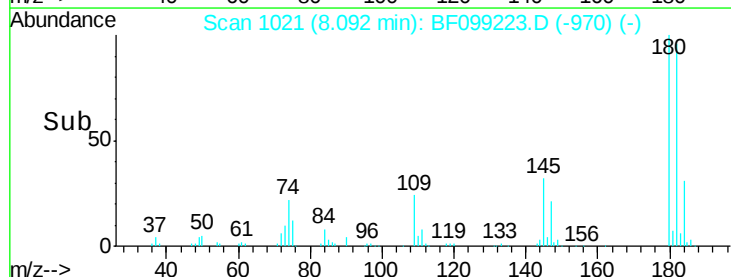


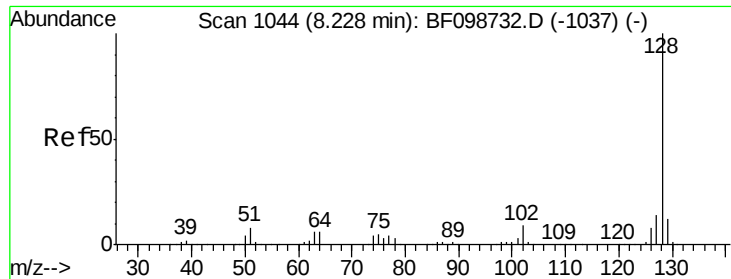
#30
1,2,4-Trichlorobenzene
Concen: 40.35 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:180 Resp: 271273
Ion Ratio Lower Upper
180 100
182 96.0 76.8 115.2
145 32.3 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

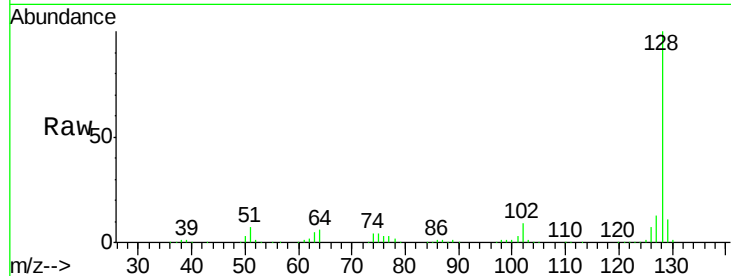




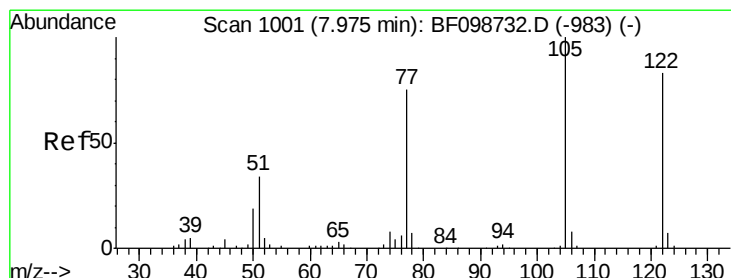
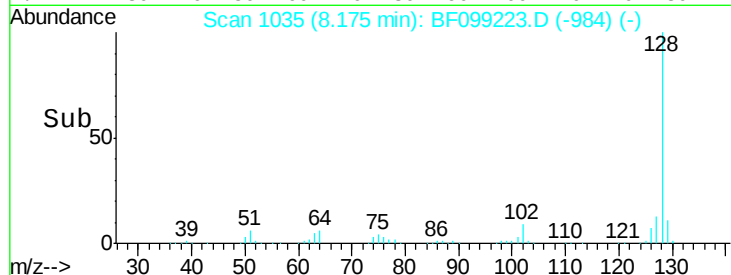
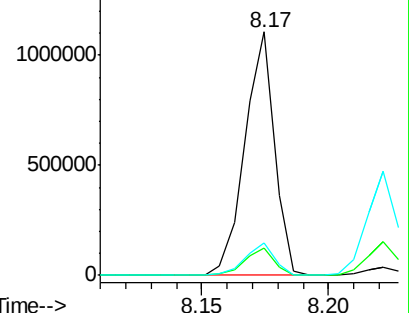
#31
Naphthalene
Concen: 39.59 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 906260
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.9 16.3

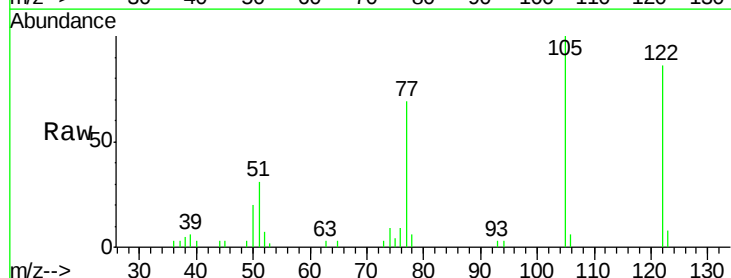


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

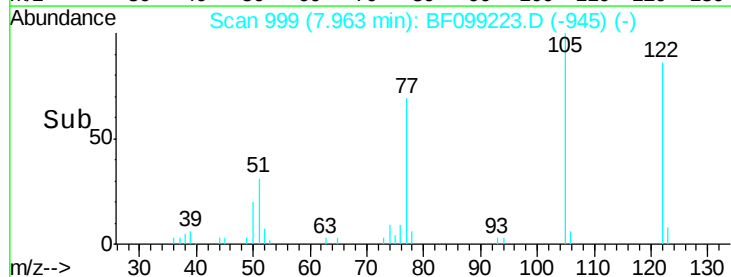
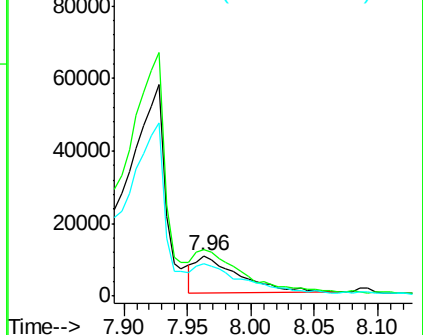


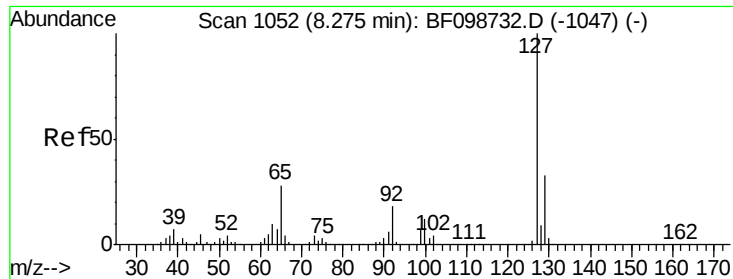
#32
Benzoic acid
Concen: 3.82 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.02 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:122 Resp: 24542
Ion Ratio Lower Upper
122 100
105 116.3 101.1 141.1
77 80.4 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

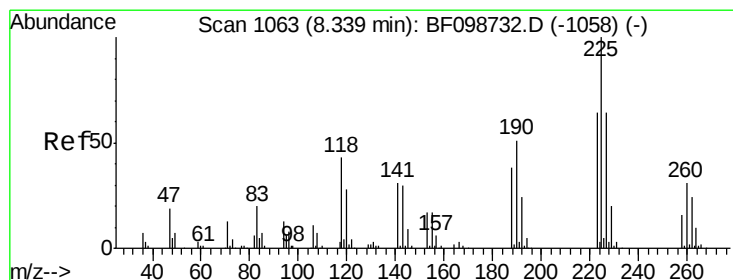
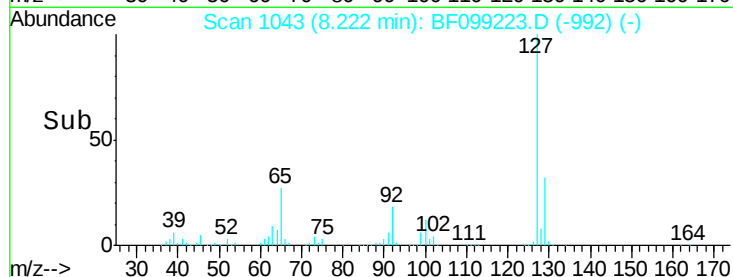
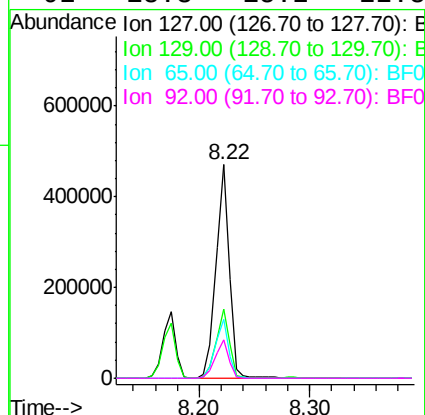
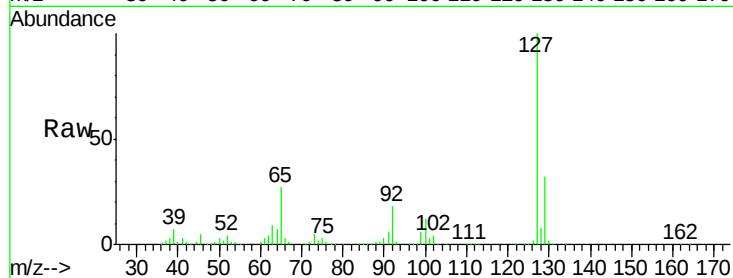




#33
4-Chloroaniline
Concen: 40.66 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

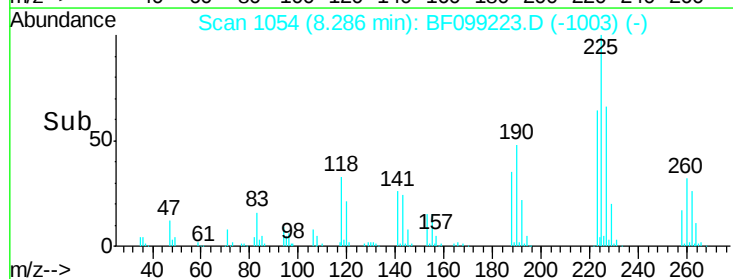
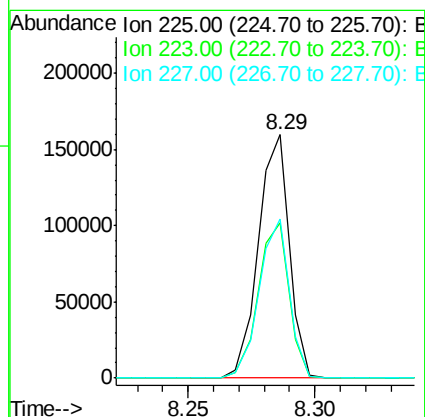
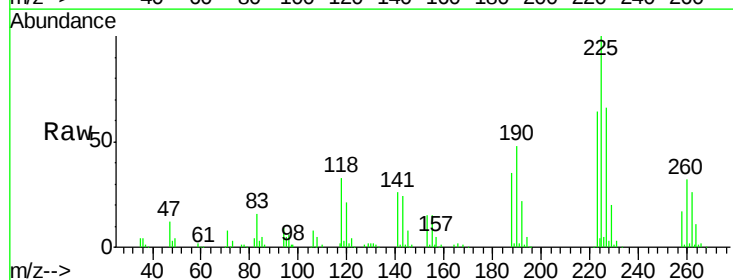
Instrument :
BNA_F
ClientSampleId :

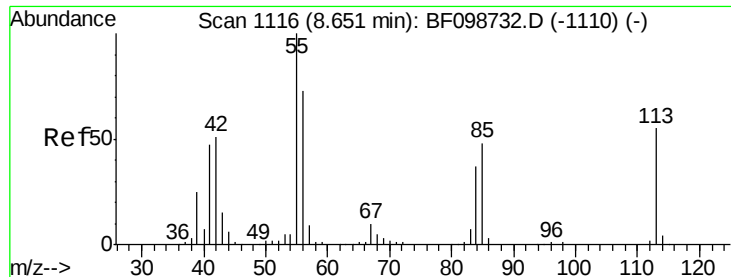
Tot Ion:	127	Resp:	388681
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	27.3	25.0	37.4
92	18.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.41 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:	225	Resp:	136464
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	65.6	51.9	77.9

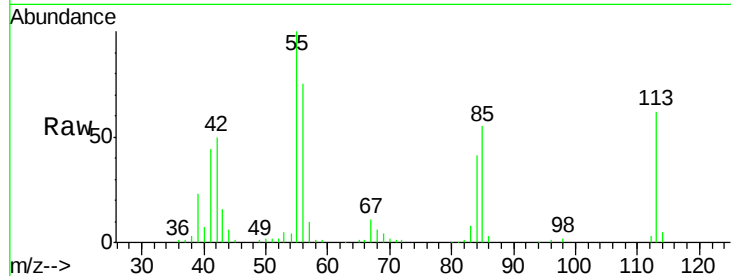




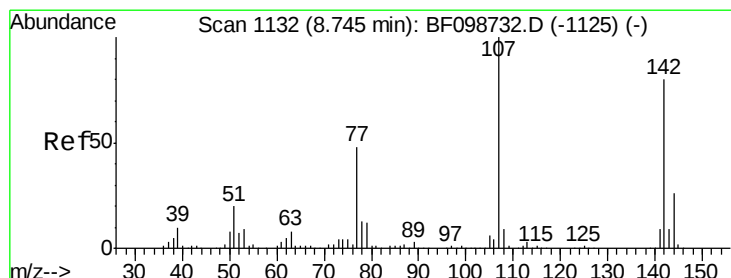
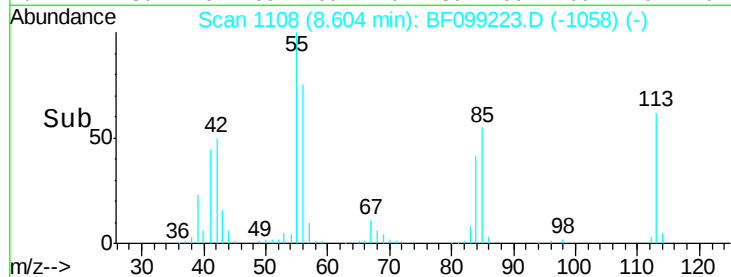
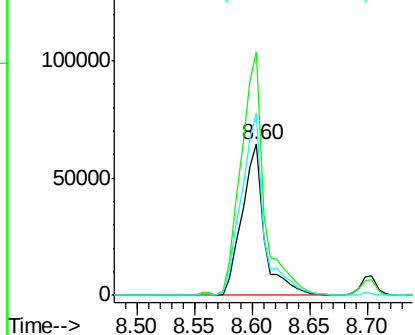
#35
Caprolactam
Concen: 40.69 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 87723
Ion Ratio Lower Upper
113 100
55 161.1 163.3 203.3#
56 120.3 115.7 155.7

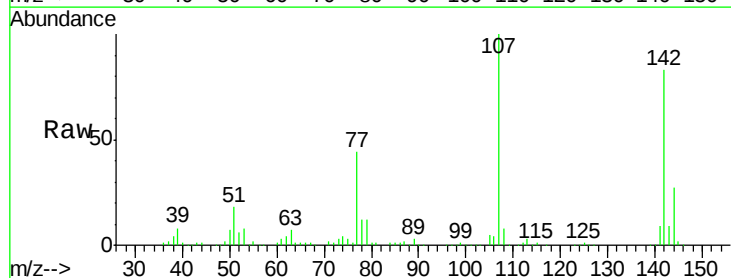


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

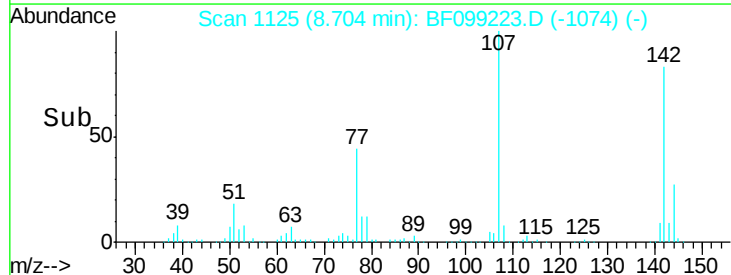
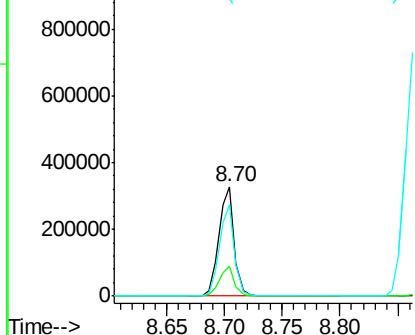


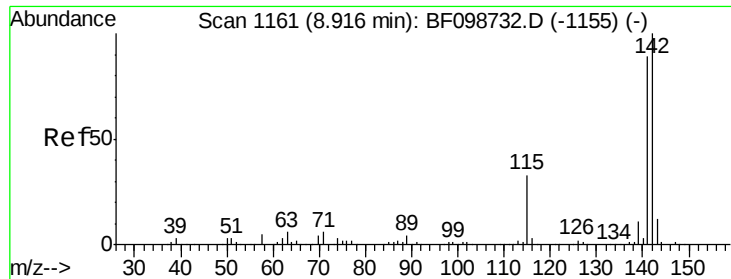
#36
4-Chloro-3-methylphenol
Concen: 39.65 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:107 Resp: 299559
Ion Ratio Lower Upper
107 100
144 27.1 20.5 30.7
142 83.1 62.0 93.0



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

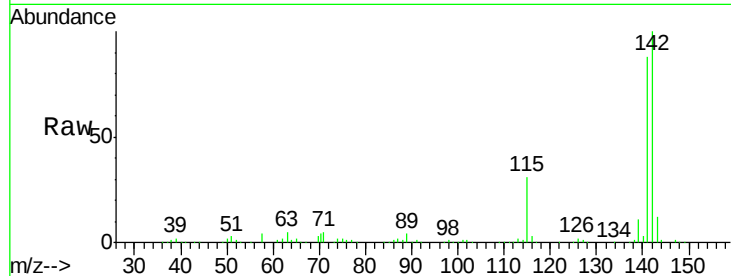




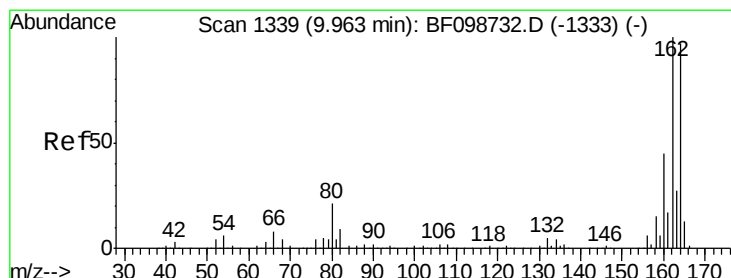
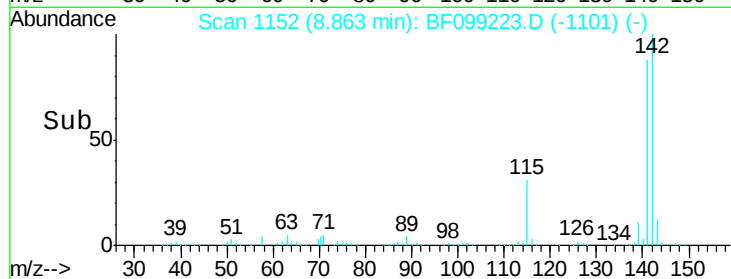
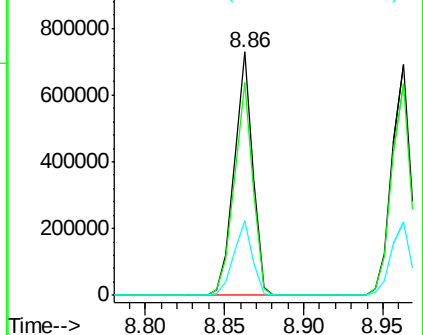
#37
2-Methylnaphthalene
Concen: 39.89 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 593604
Ion Ratio Lower Upper
142 100
141 87.6 70.8 106.2
115 30.8 26.1 39.1

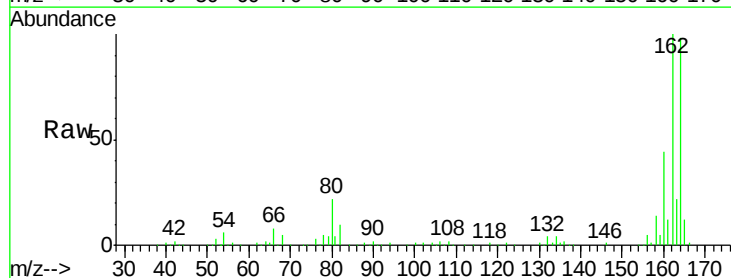


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

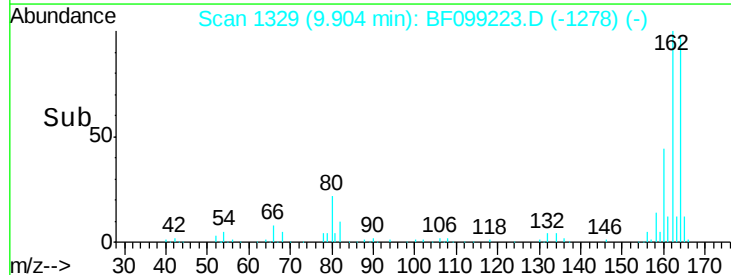
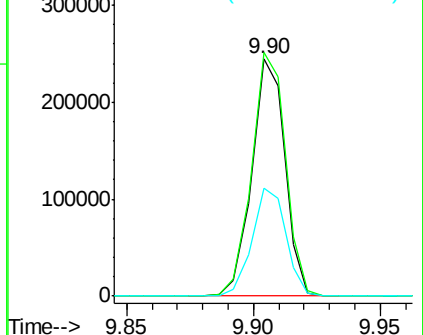


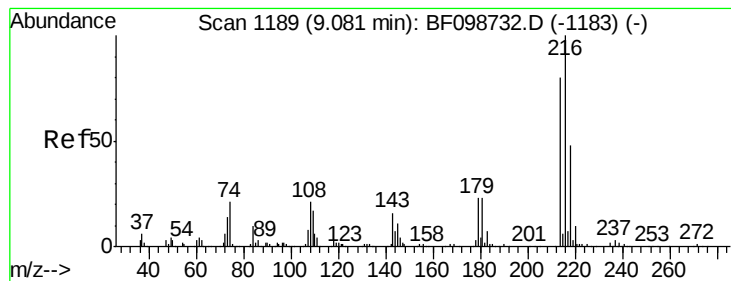
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:164 Resp: 223349
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 45.5 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.91 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF099223.D

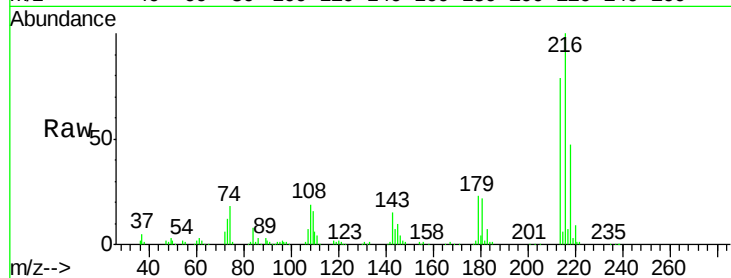
Acq: 8 Oct 2017 10:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:216	Resp:	272525
Ion Ratio	Lower	Upper
216	100	
214	78.3	63.0 94.4
179	22.3	18.1 27.1
108	19.8	17.2 25.8

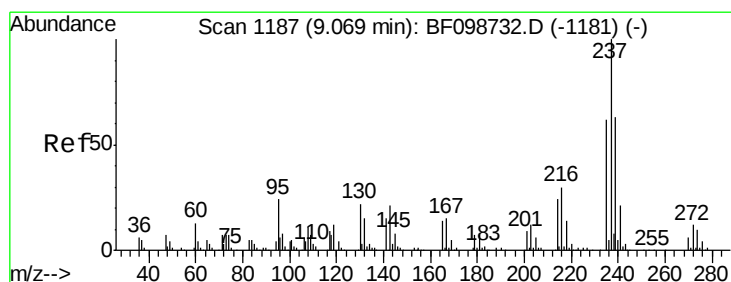
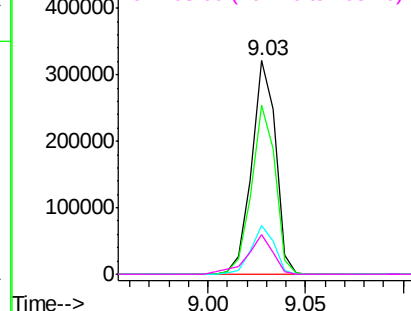
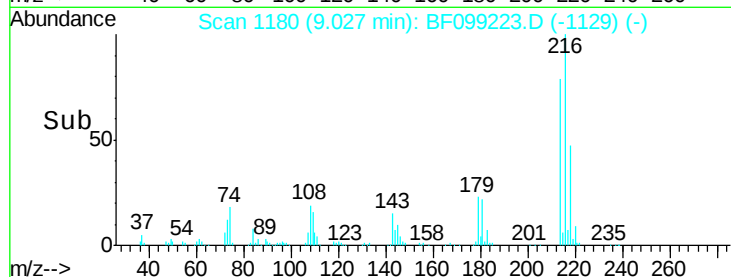


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.10 ng

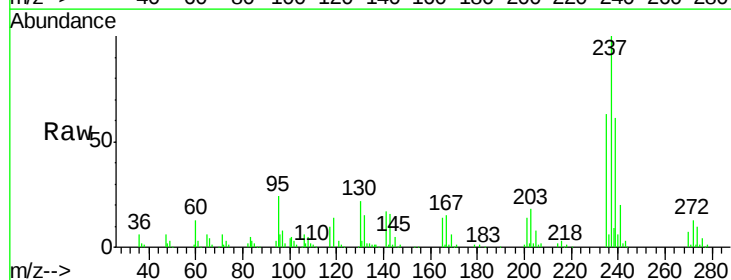
RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

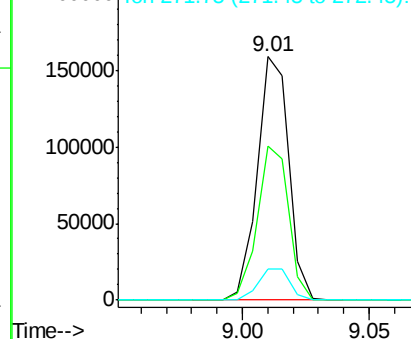
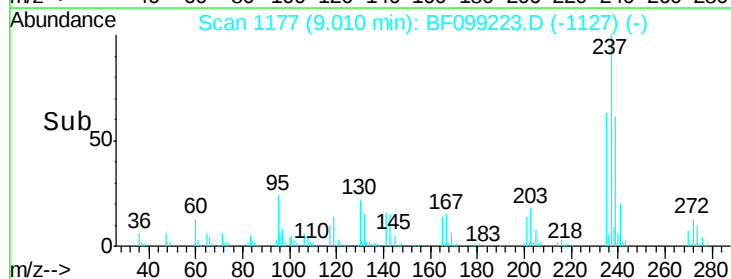
Tgt Ion:237	Resp:	137300
Ion Ratio	Lower	Upper
237	100	
235	63.2	44.8 84.8
272	12.7	0.0 33.3

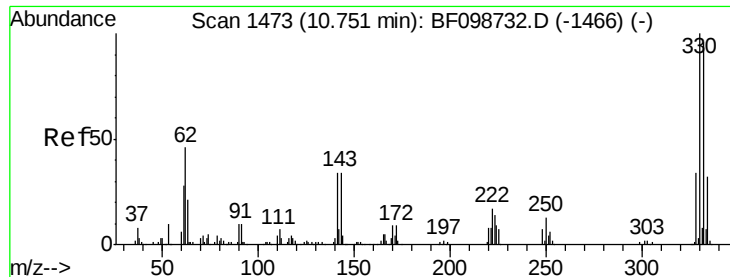


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

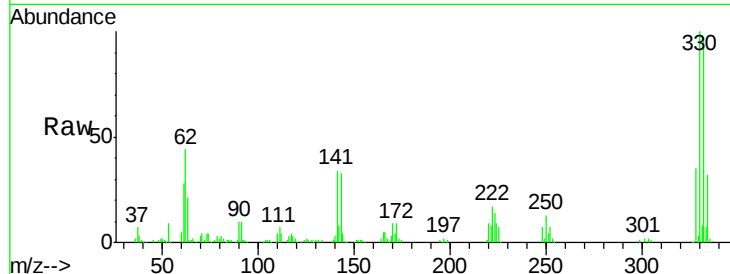




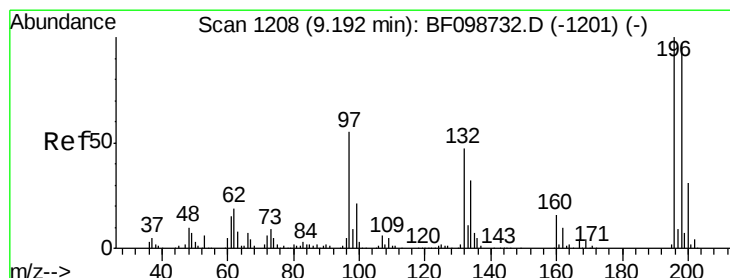
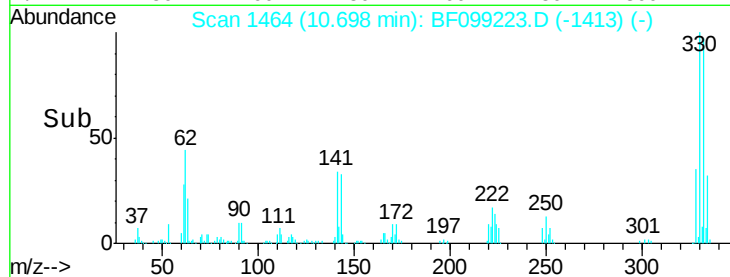
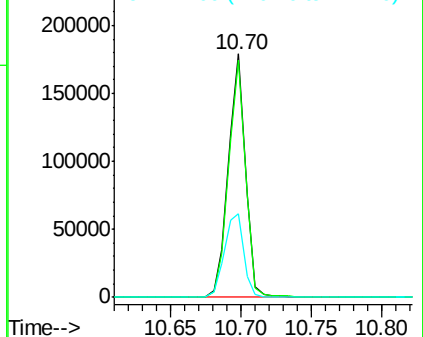
#41
 2,4,6-Tribromophenol
 Concen: 83.16 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 151978
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 39.0 29.9 44.9

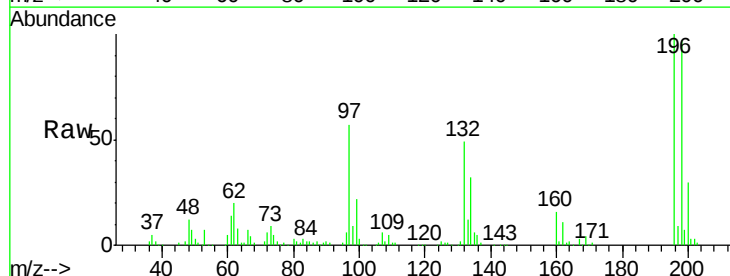


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

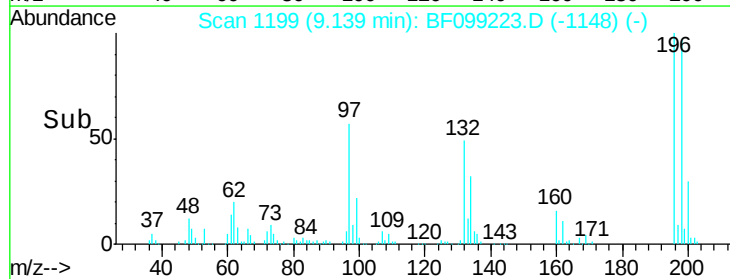
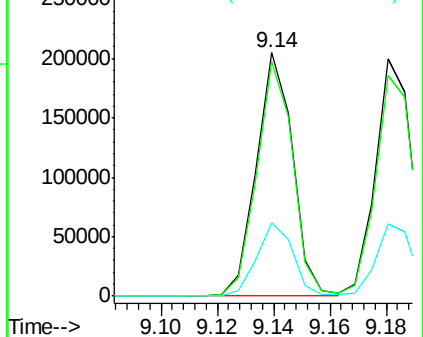


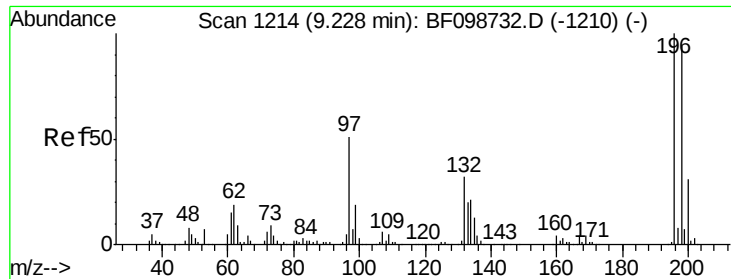
#42
 2,4,6-Trichlorophenol
 Concen: 38.76 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

Tgt Ion:196 Resp: 182877
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 200 30.1 24.5 36.7



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

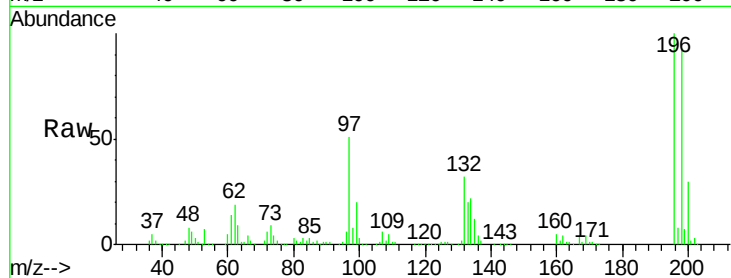




#43
 2,4,5-Trichlorophenol
 Concen: 39.59 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	186496
Ion Ratio	Lower	Upper	
196	100		
198	93.3	74.6	112.0
97	51.5	42.9	64.3
132	32.2	26.3	39.5



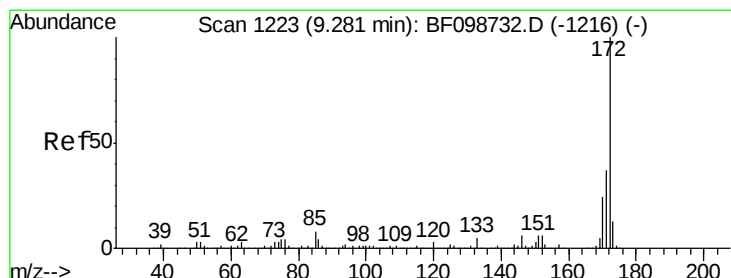
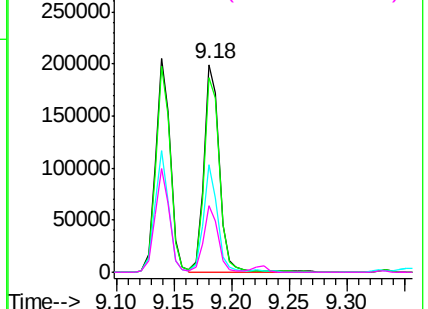
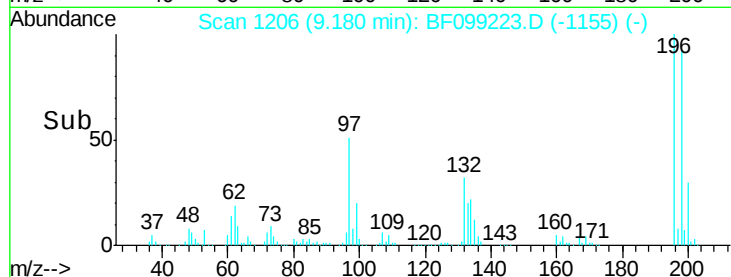
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

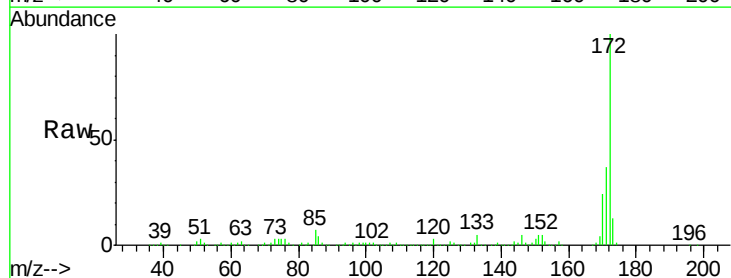
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.09 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

Tgt Ion	172	Resp	1084916
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.7	44.5
170	24.0	19.6	29.4

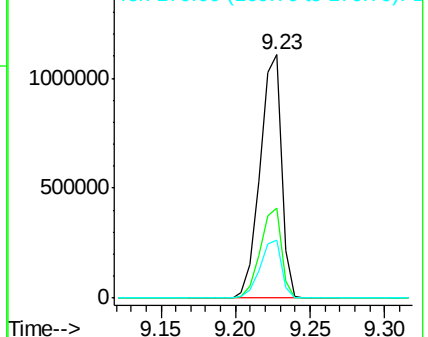
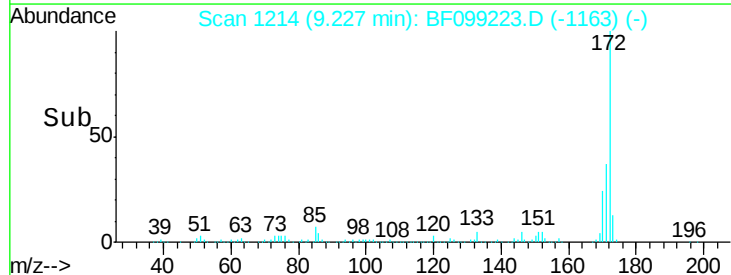


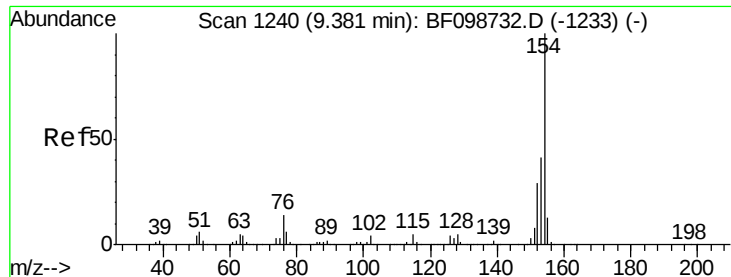
Abundance

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: 39.93 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

Instrument :

BNA_F

ClientSampleId :

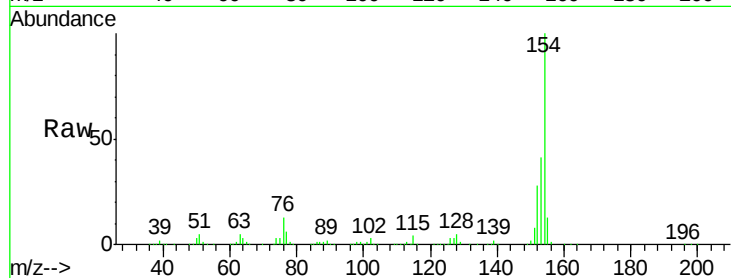
Tot Ion:154 Resp: 766526

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

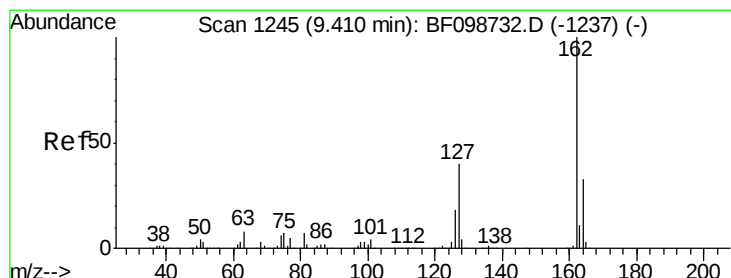
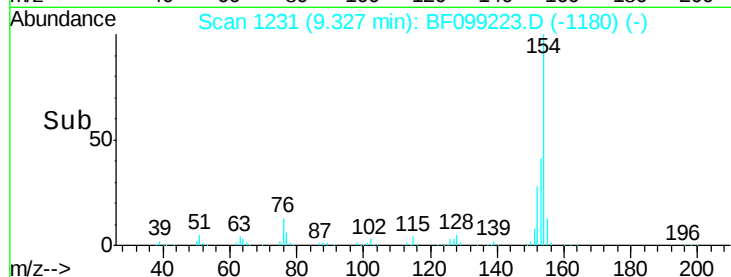
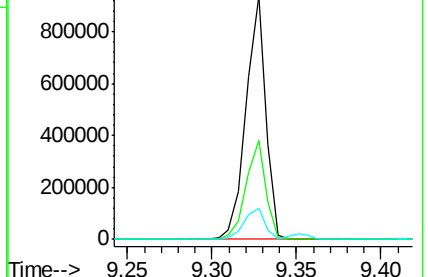
76 13.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.10 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

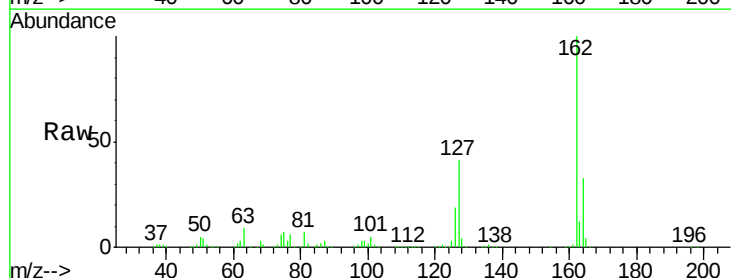
Tgt Ion:162 Resp: 577989

Ion Ratio Lower Upper

162 100

127 40.9 33.9 50.9

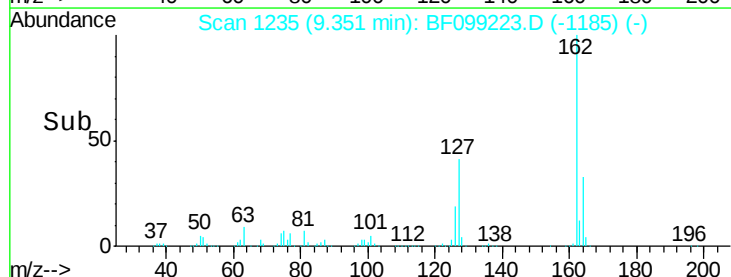
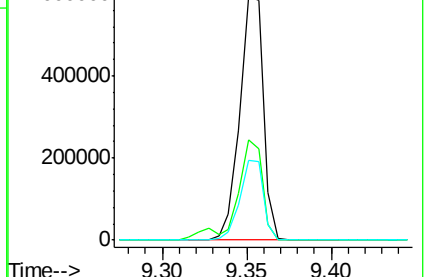
164 32.8 26.5 39.7

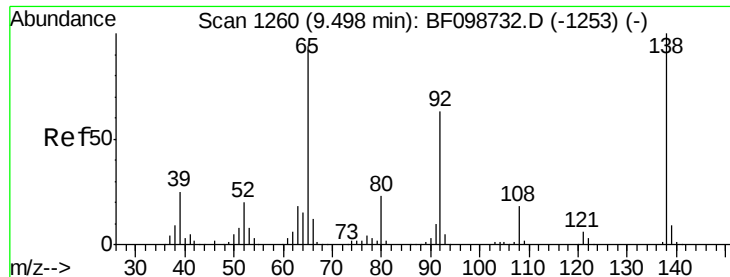


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

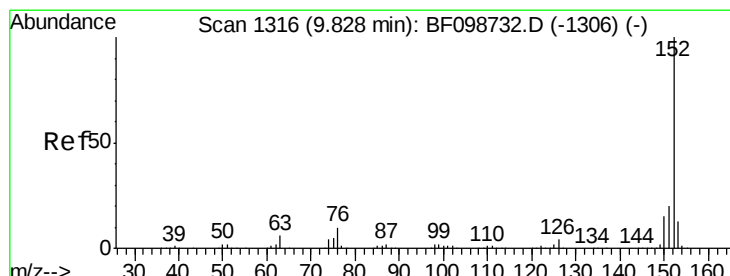
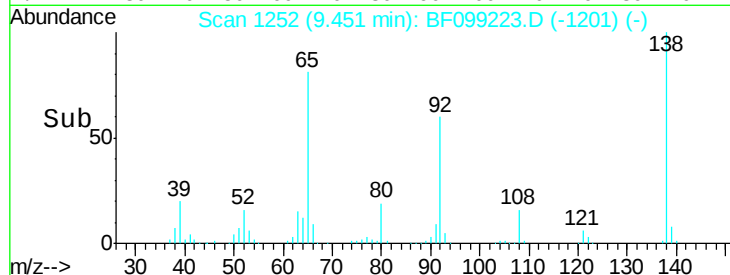
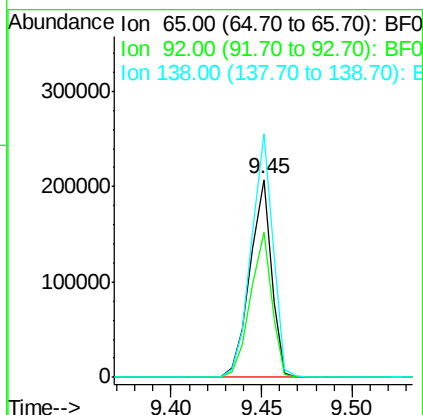
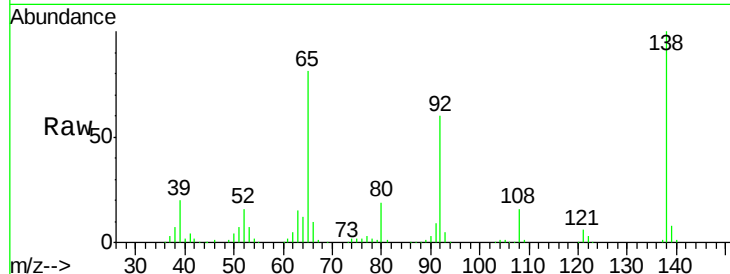




#47
2-Nitroaniline
Concen: 39.00 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

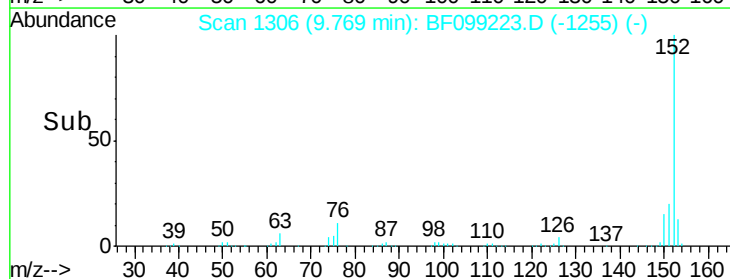
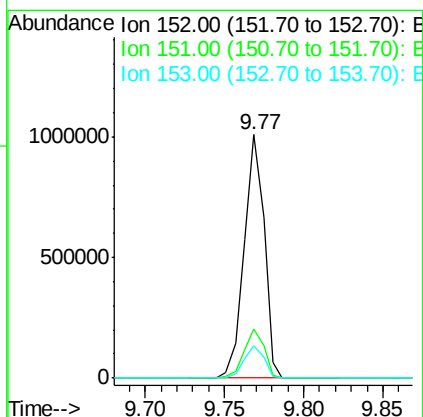
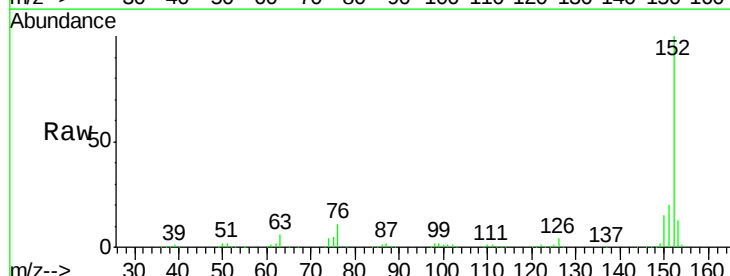
Instrument :
BNA_F
ClientSampleId :

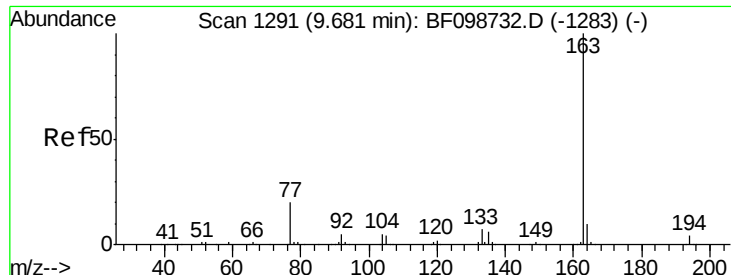
Tot Ion: 65 Resp: 172088
Ion Ratio Lower Upper
65 100
92 73.2 55.8 83.6
138 123.0 91.2 136.8



#48
Acenaphthylene
Concen: 39.93 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:152 Resp: 881065
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.4 10.7 16.1

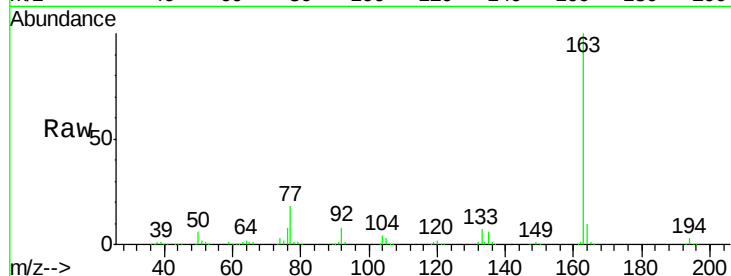




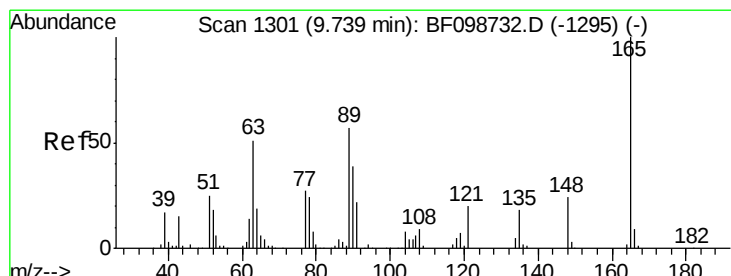
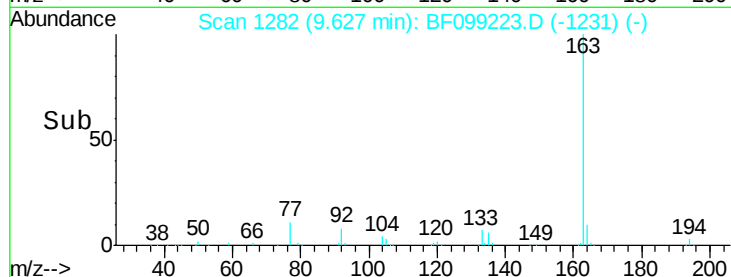
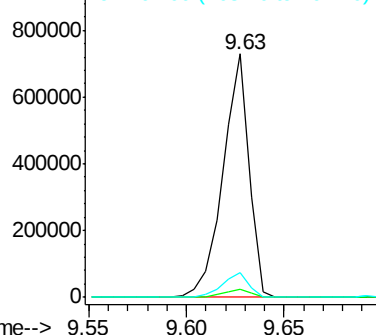
#49
Dimethylphthalate
Concen: 39.86 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 671868
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.0 8.2 12.2

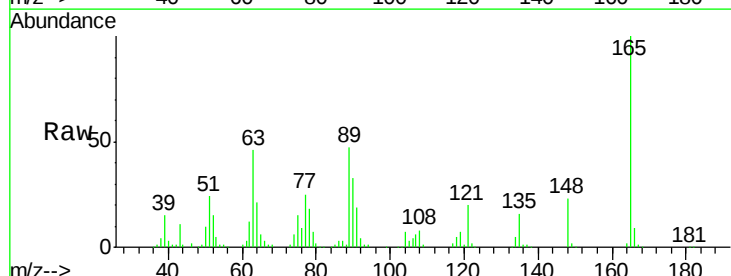


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

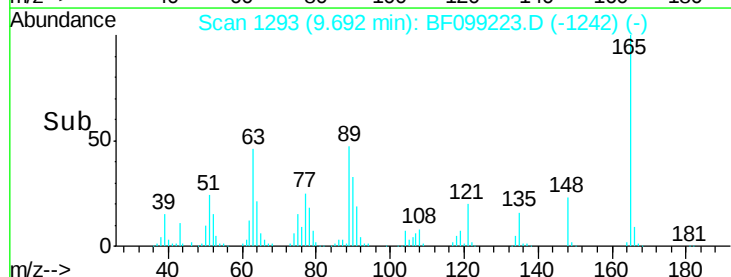
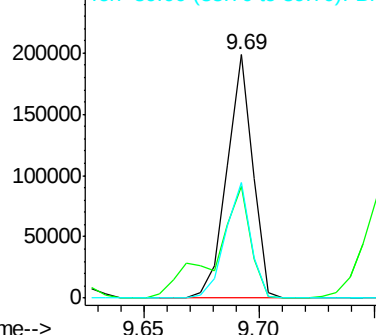


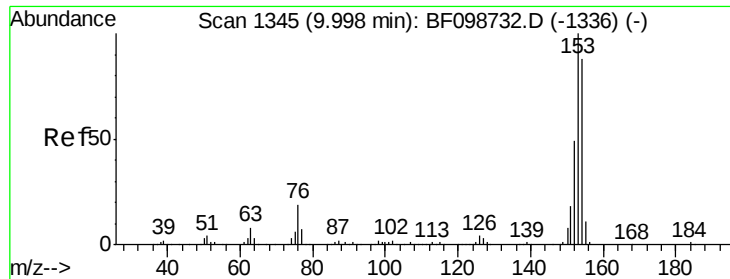
#50
2,6-Dinitrotoluene
Concen: 42.29 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:165 Resp: 155184
Ion Ratio Lower Upper
165 100
63 46.1 44.7 67.1
89 47.5 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: 37.23 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

Instrument :

BNA_F

ClientSampled :

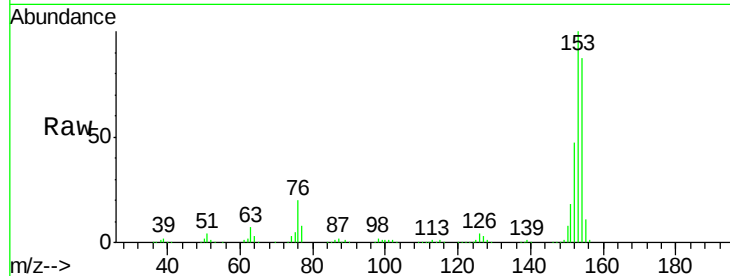
Tot Ion:154 Resp: 520318

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

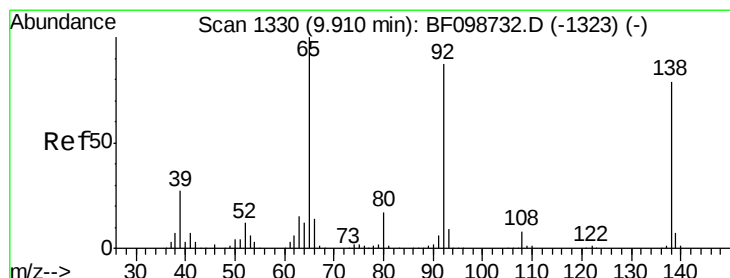
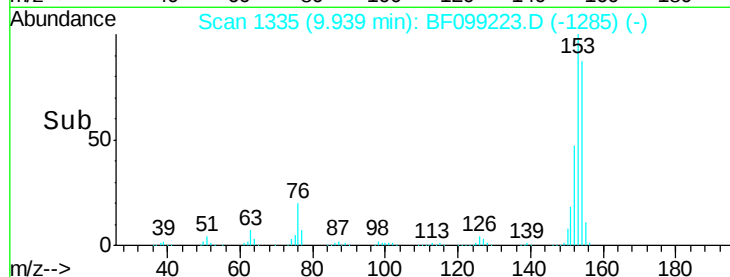
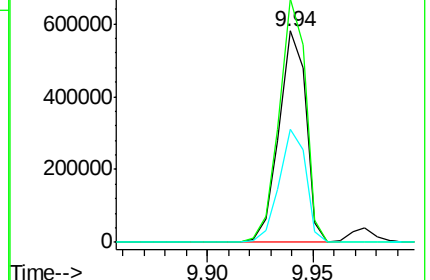
152 53.7 43.8 65.8



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: 43.29 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

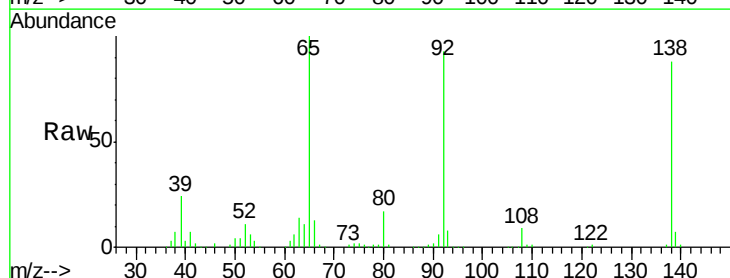
Tgt Ion:138 Resp: 185223

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

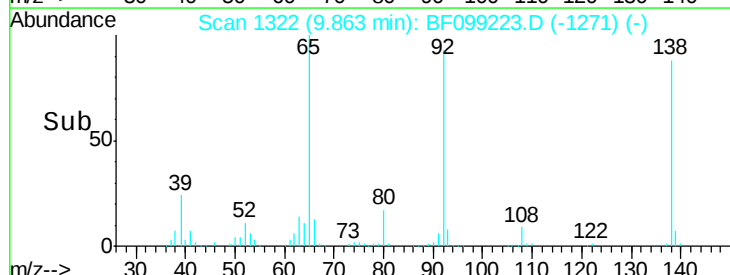
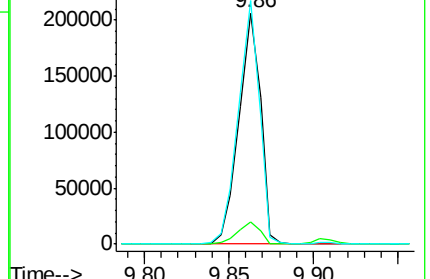
92 105.2 89.4 134.2

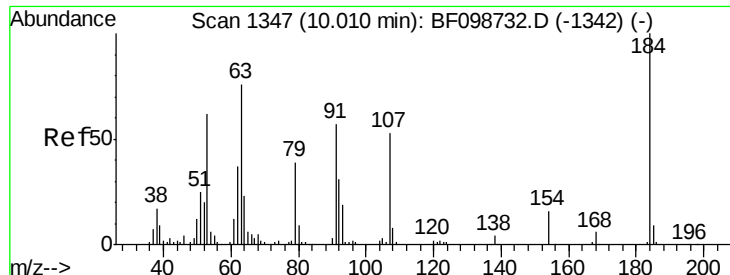


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

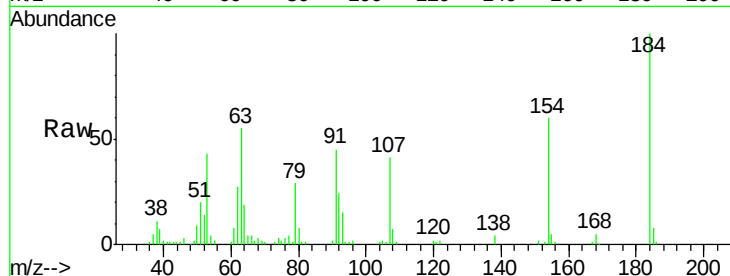




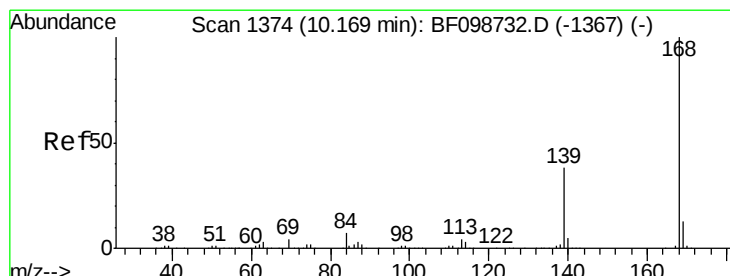
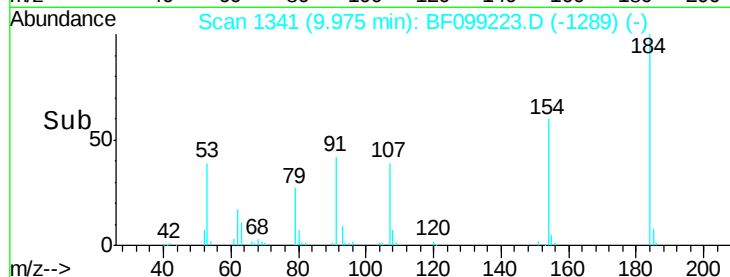
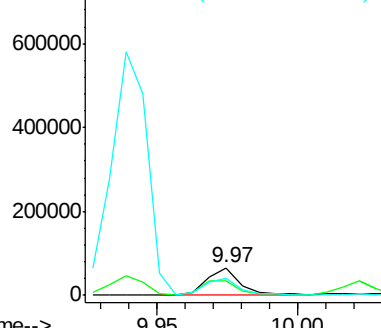
#53
2,4-Dinitrophenol
Concen: 33.01 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 56023
Ion Ratio Lower Upper
184 100
63 55.0 54.2 81.2
154 60.4 53.5 80.3

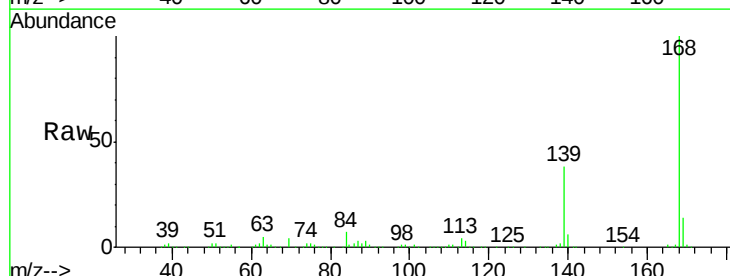


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

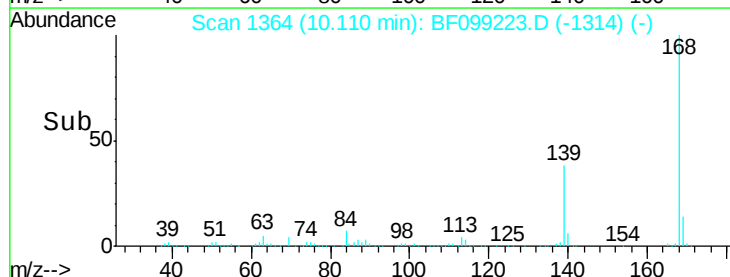
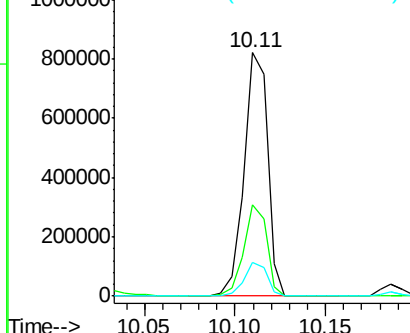


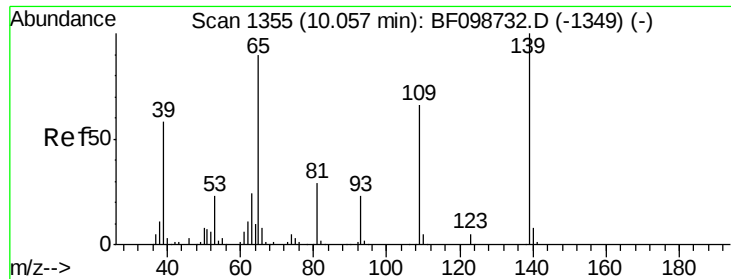
#54
Dibenzofuran
Concen: 39.76 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:168 Resp: 739894
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.6 10.9 16.3



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

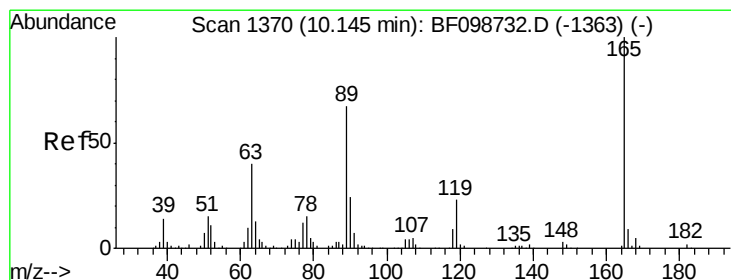
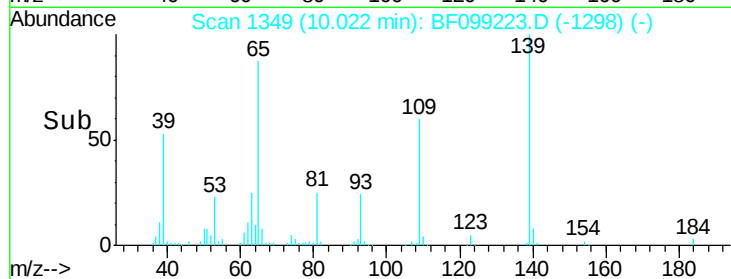
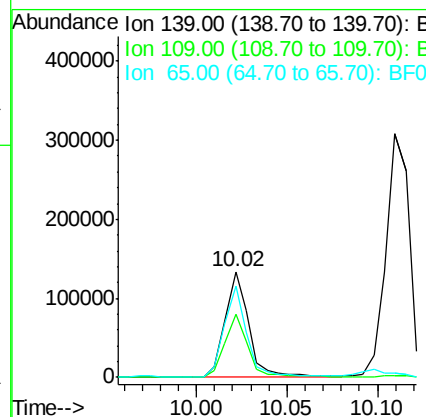
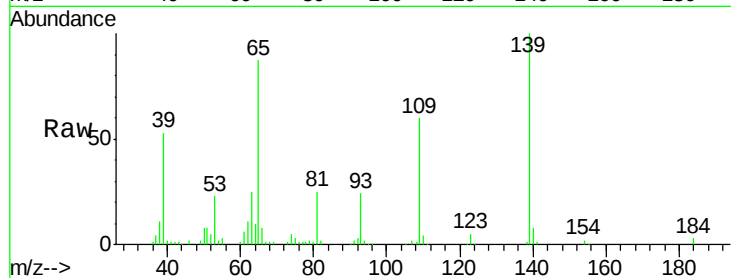




#55
4-Nitrophenol
Concen: 34.03 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

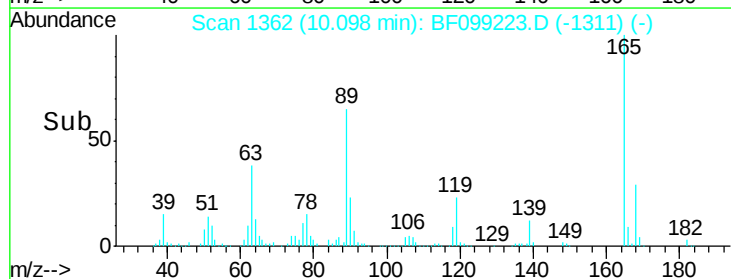
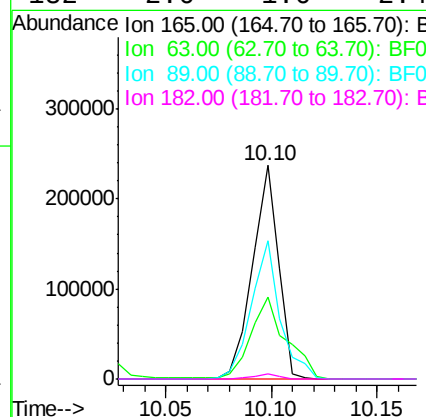
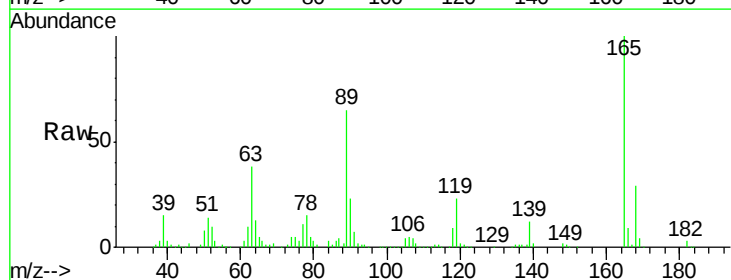
Instrument :
BNA_F
ClientSampleId :

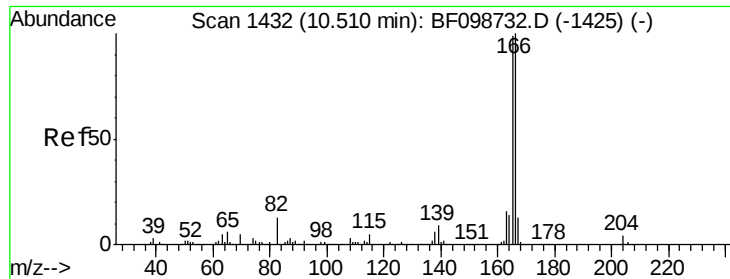
Tot Ion:139 Resp: 123136
Ion Ratio Lower Upper
139 100
109 59.9 48.4 88.4
65 86.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.67 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:165 Resp: 203215
Ion Ratio Lower Upper
165 100
63 38.4 36.4 54.6
89 64.7 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 40.57 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

Instrument :

BNA_F

ClientSampleId :

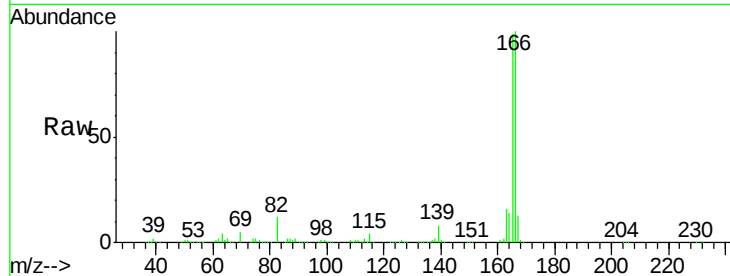
Tot Ion:166 Resp: 606726

Ion Ratio Lower Upper

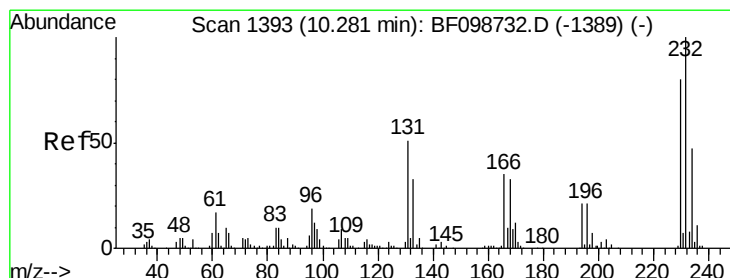
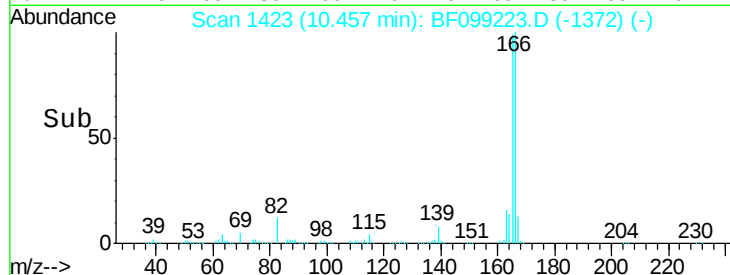
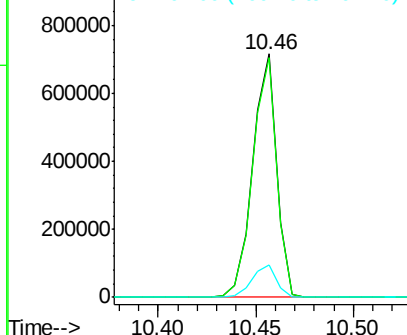
166 100

165 98.7 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: 38.70 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

Tgt Ion:232 Resp: 125937

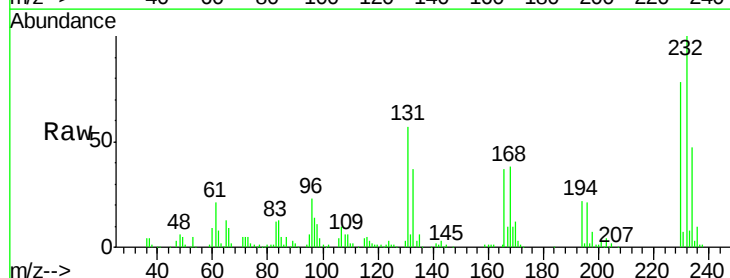
Ion Ratio Lower Upper

232 100

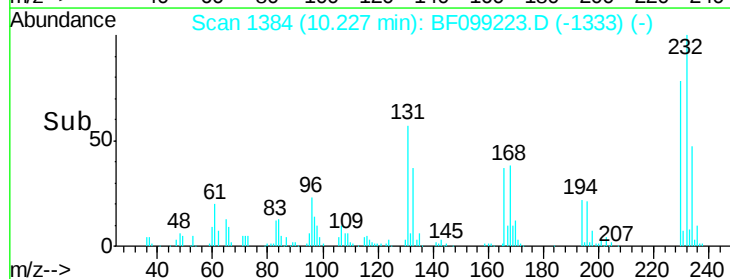
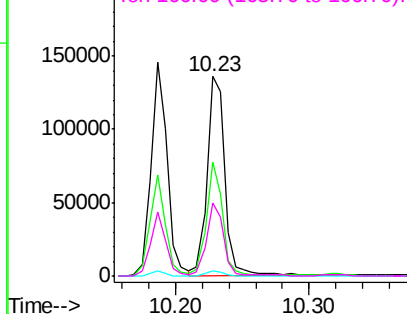
131 53.2 43.8 65.8

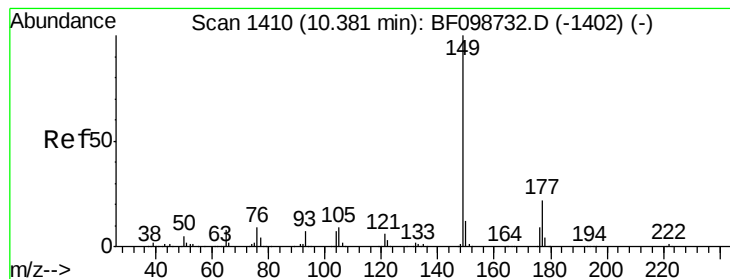
130 2.4 2.1 3.1

166 35.7 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: 38.34 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

Instrument :

BNA_F

ClientSampled :

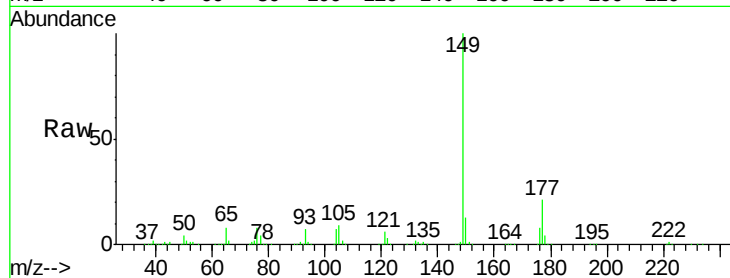
Tot Ion:149 Resp: 631554

Ion Ratio Lower Upper

149 100

177 21.1 16.1 24.1

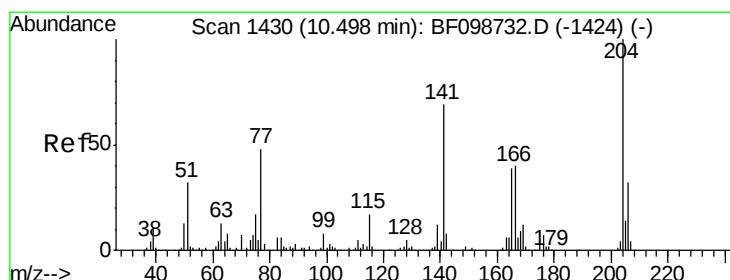
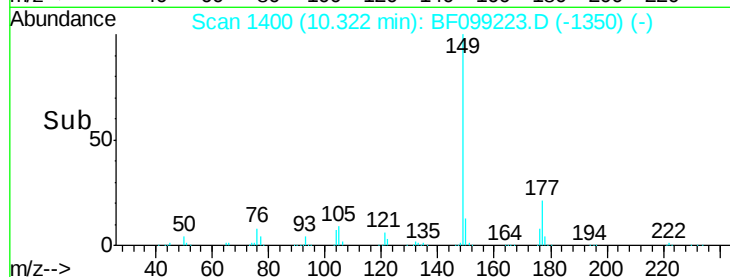
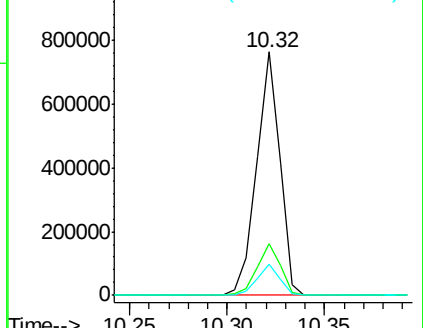
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.58 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

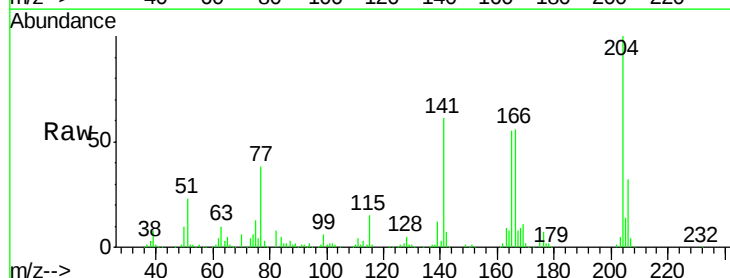
Tgt Ion:204 Resp: 265950

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

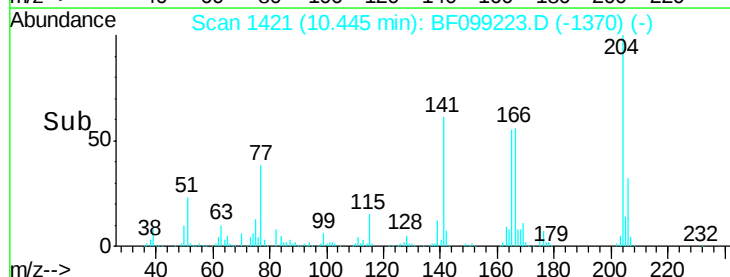
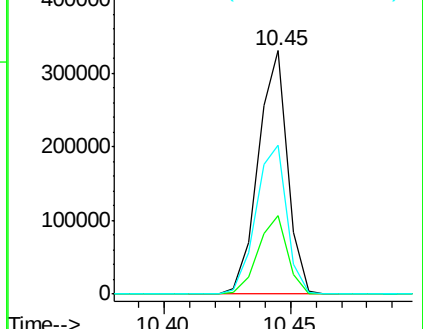
141 60.9 54.6 81.8

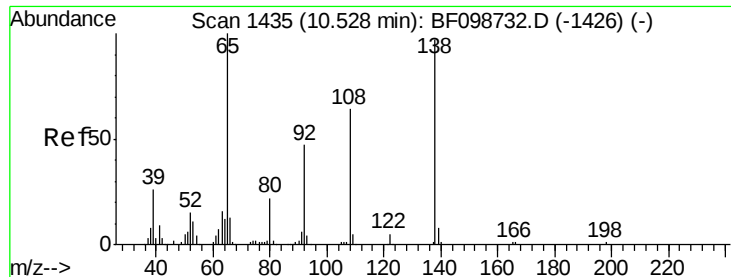


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

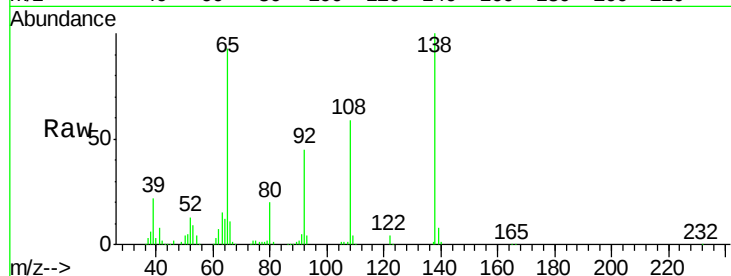




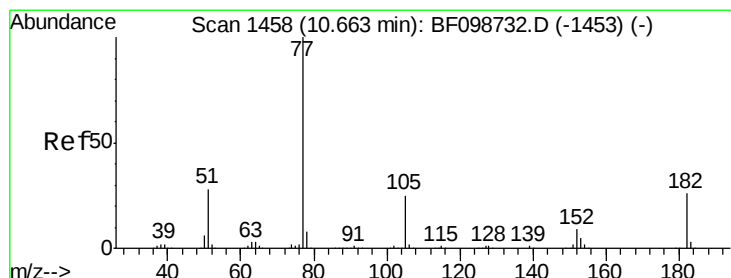
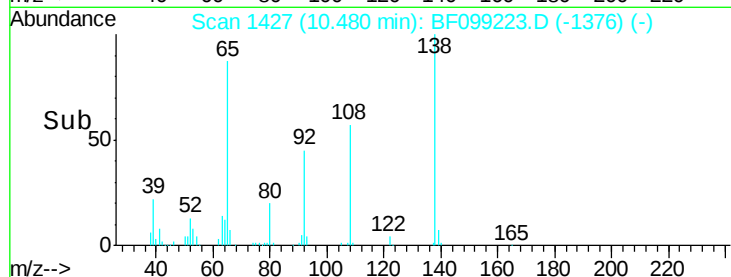
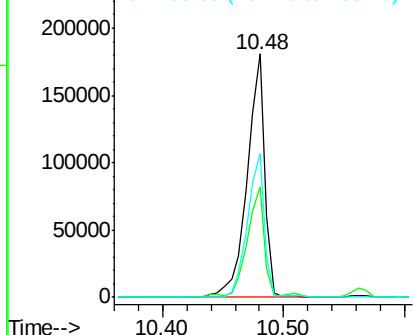
#61
4-Nitroaniline
Concen: 44.78 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 184874
Ion Ratio Lower Upper
138 100
92 45.4 30.2 70.2
108 58.9 52.5 92.5

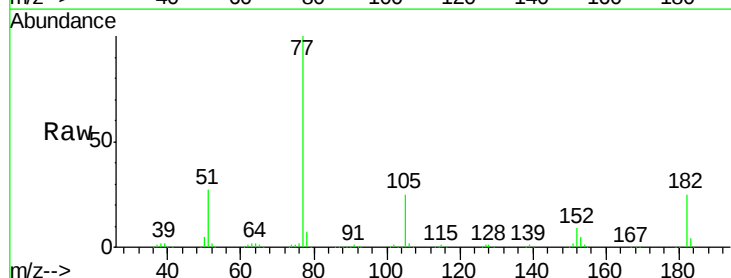


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

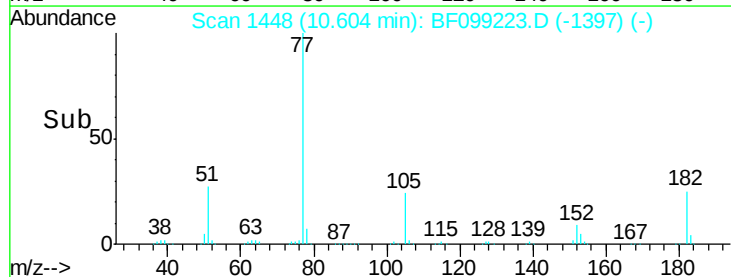
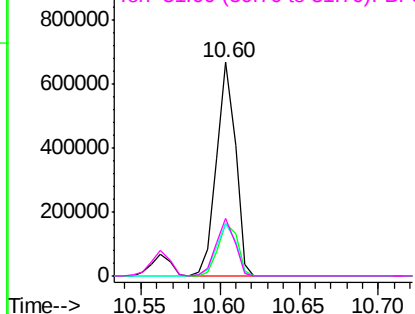


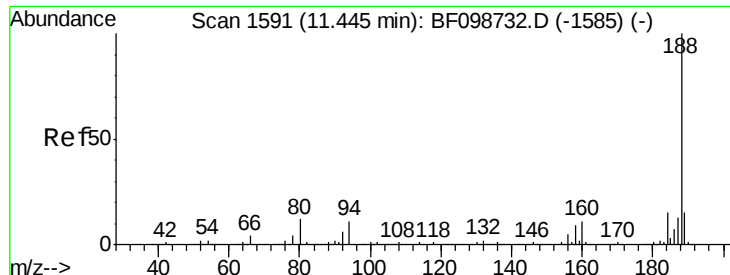
#62
Azobenzene
Concen: 36.88 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion: 77 Resp: 558613
Ion Ratio Lower Upper
77 100
182 24.7 1.7 41.7
105 24.6 3.0 43.0
51 26.8 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

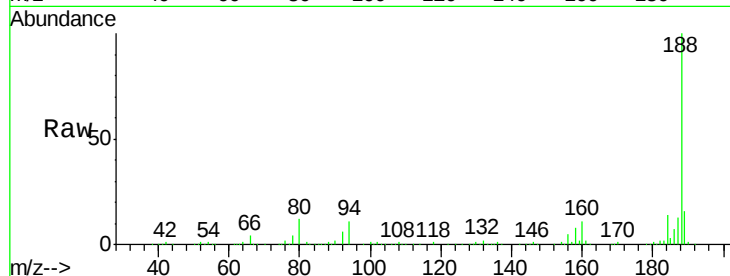




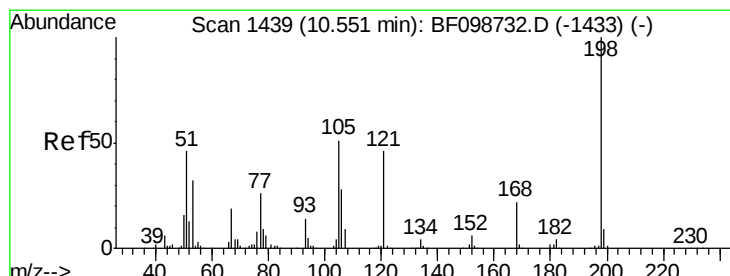
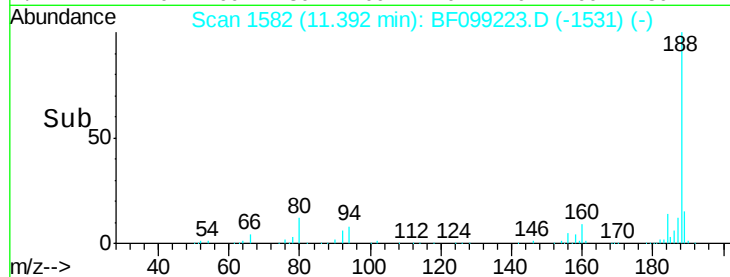
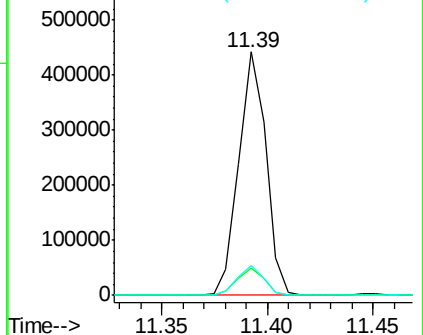
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.2	9.2	13.8

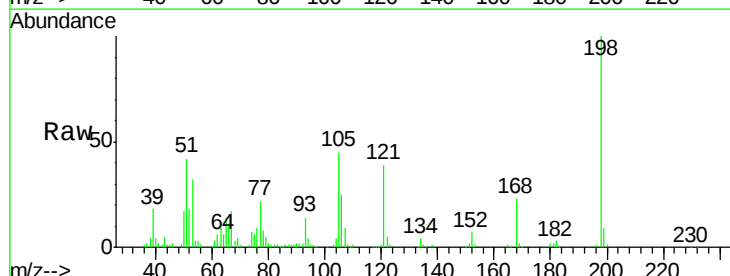


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

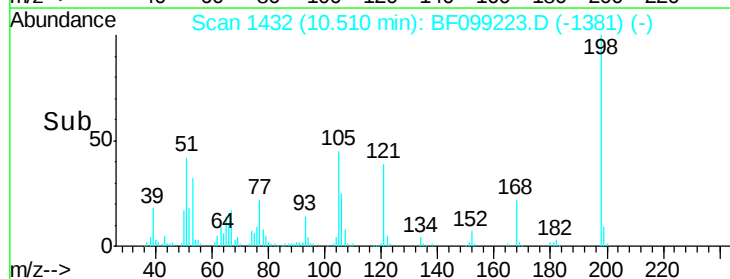
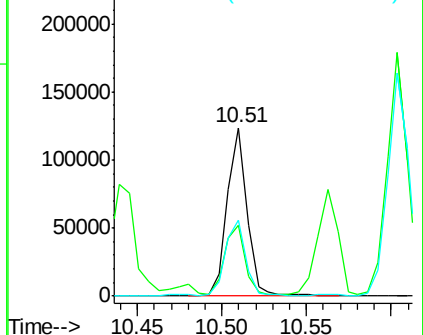


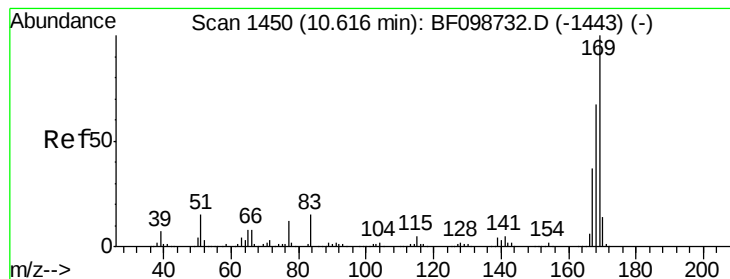
#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.09 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.3	37.7	77.7
105	44.8	36.3	76.3



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

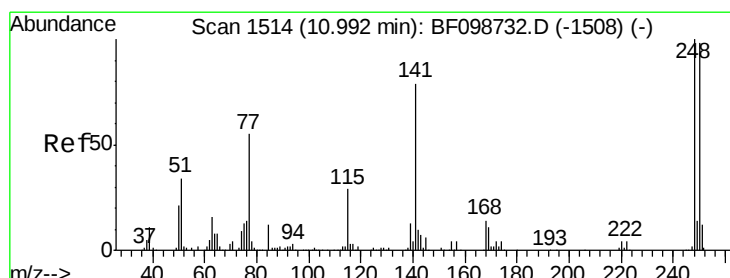
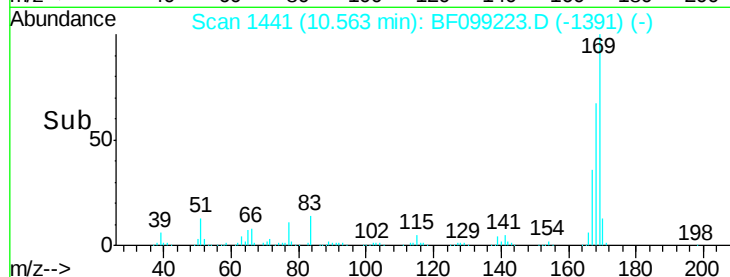
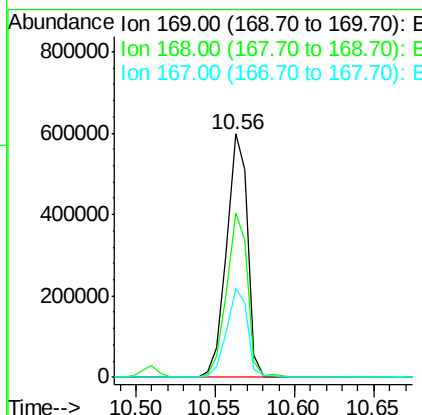
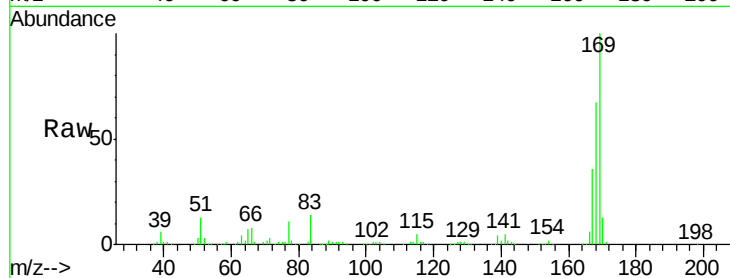




#65
 n-Nitrosodiphenylamine
 Concen: 39.96 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

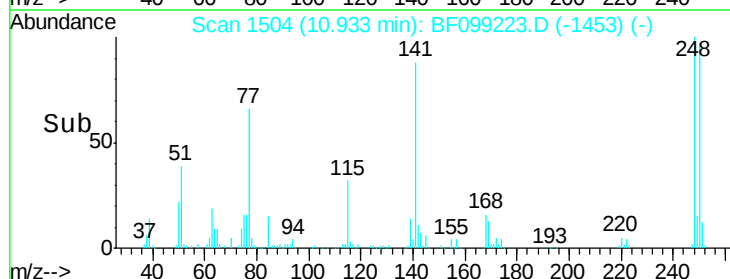
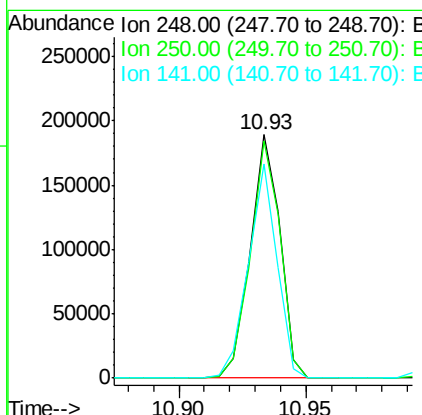
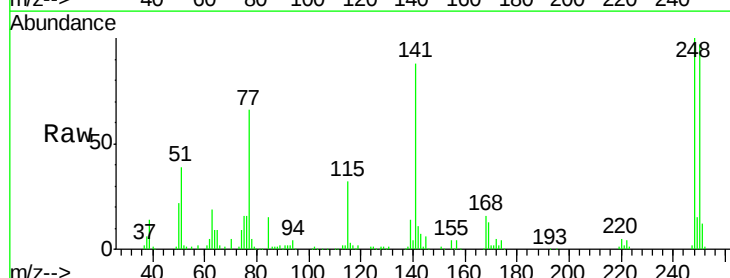
Instrument :
 BNA_F
 ClientSampleId :

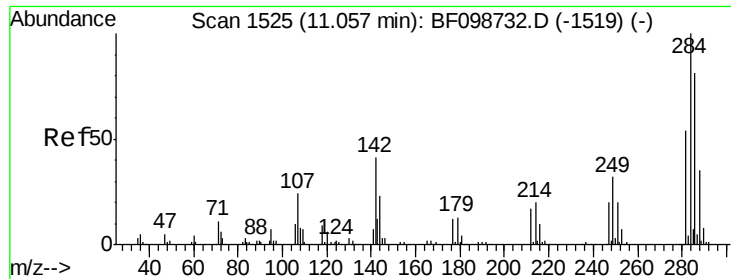
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.4	81.6
167	36.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.11 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.9	115.3
141	87.9	74.4	111.6

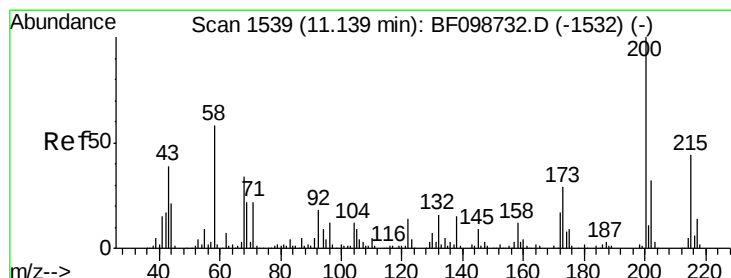
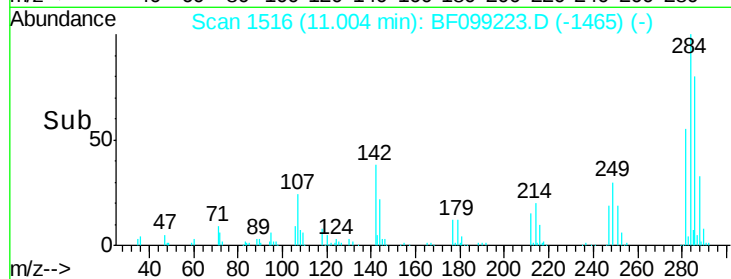
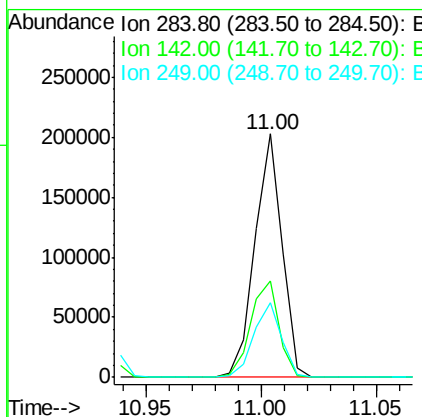
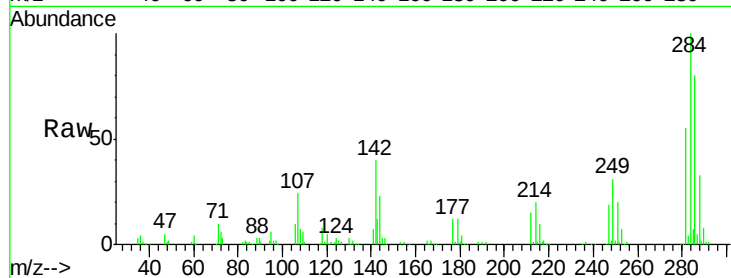




#67
Hexachlorobenzene
Concen: 40.36 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

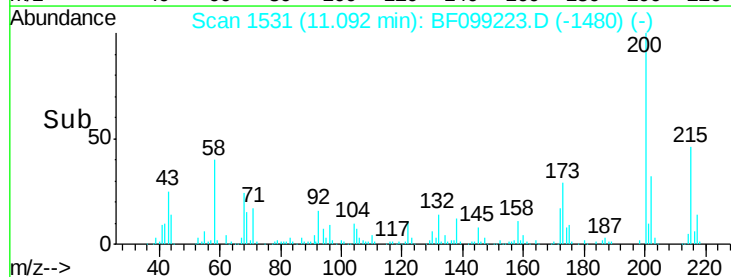
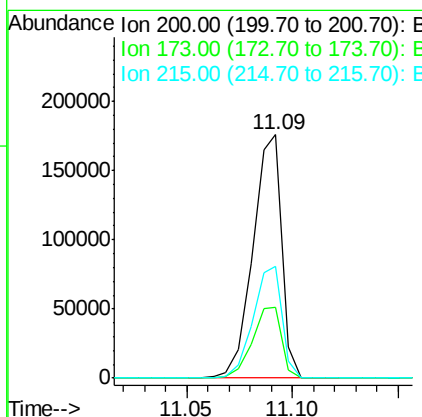
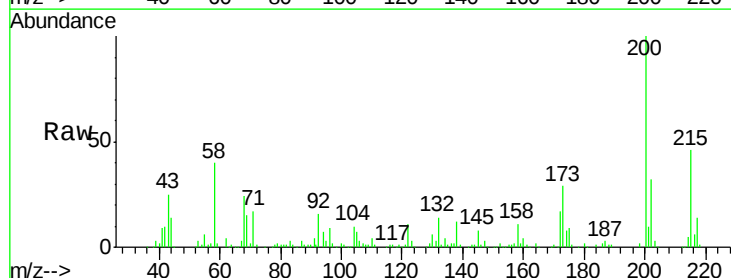
Instrument :
BNA_F
ClientSampled :

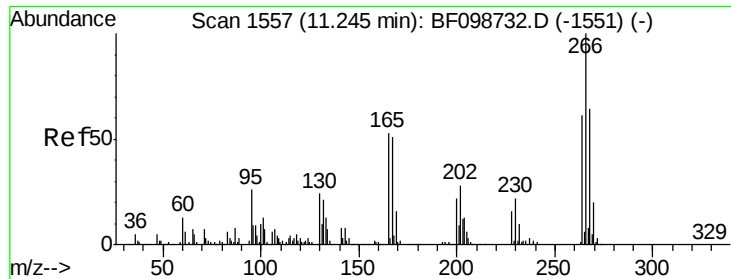
Tot Ion:284 Resp: 166916
Ion Ratio Lower Upper
284 100
142 39.7 34.6 52.0
249 30.9 24.8 37.2



#68
Atrazine
Concen: 40.48 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:200 Resp: 166933
Ion Ratio Lower Upper
200 100
173 29.3 8.6 48.6
215 46.0 25.1 65.1

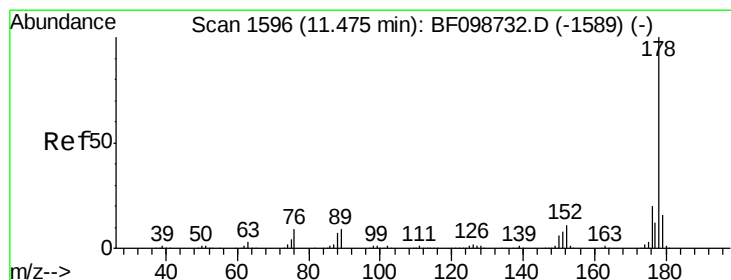
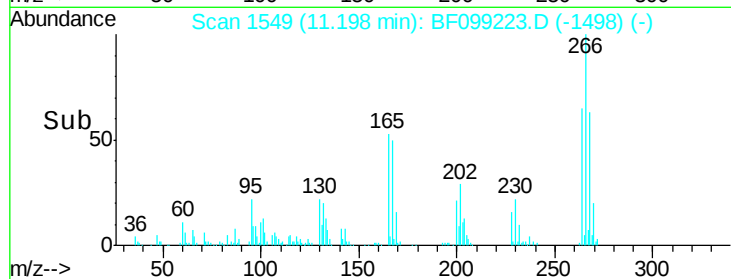
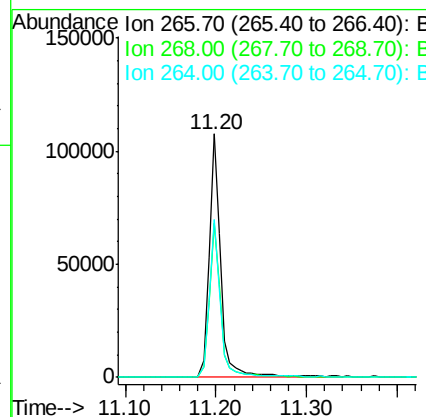
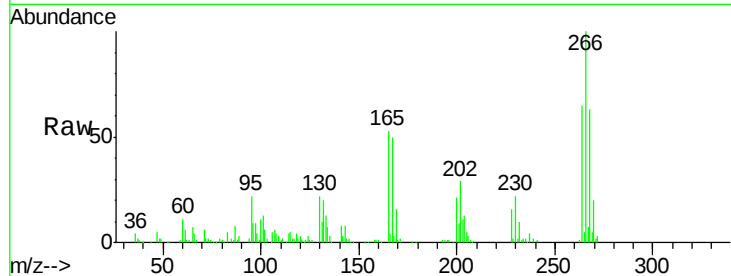




#69
 Pentachlorophenol
 Concen: 38.09 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

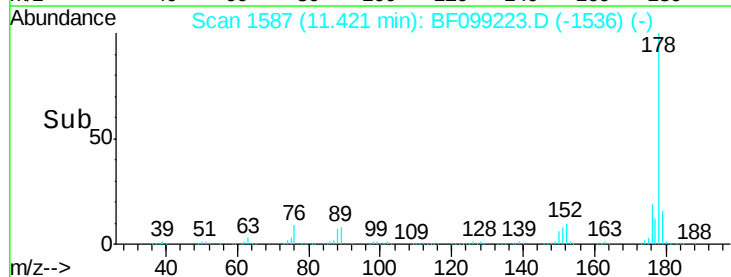
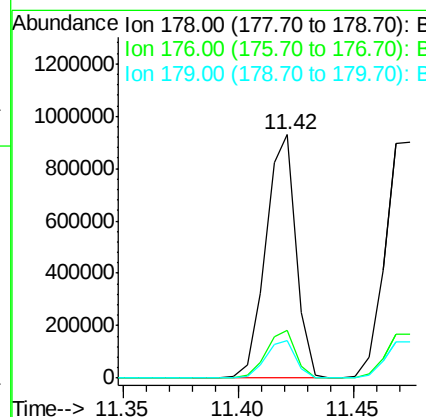
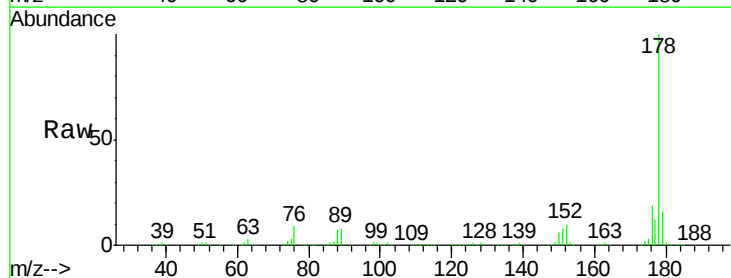
Instrument :
 BNA_F
 ClientSampled :

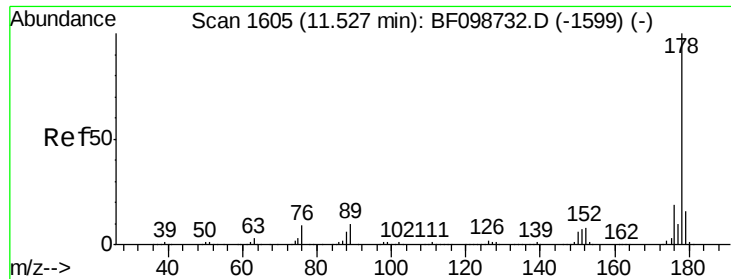
Tot Ion:266 Resp: 98037
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 64.8 49.5 74.3



#70
 Phenanthrene
 Concen: 40.01 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

Tgt Ion:178 Resp: 847152
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.6 13.0 19.6

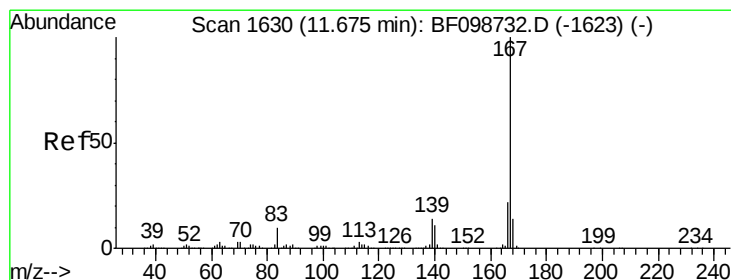
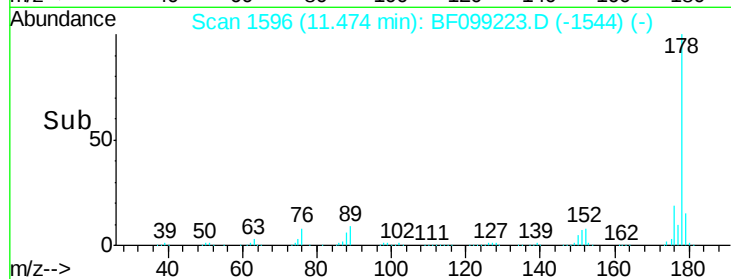
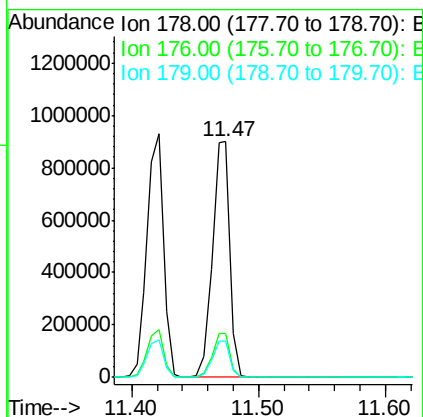
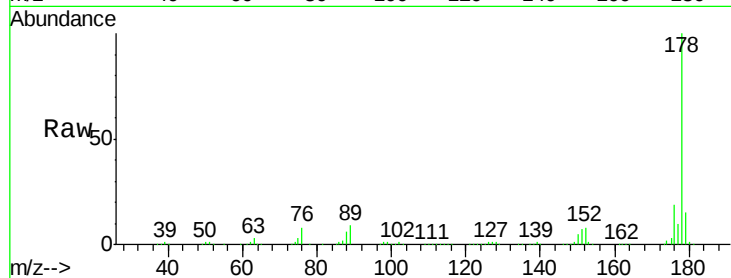




#71
 Anthracene
 Concen: 40.38 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

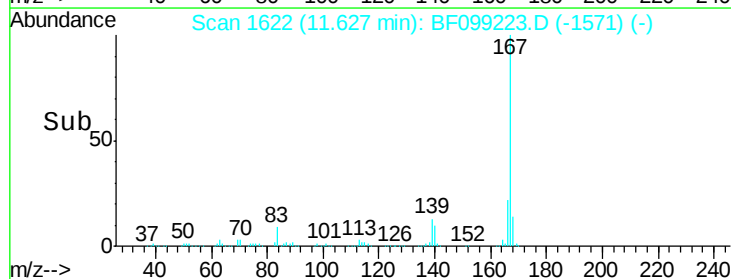
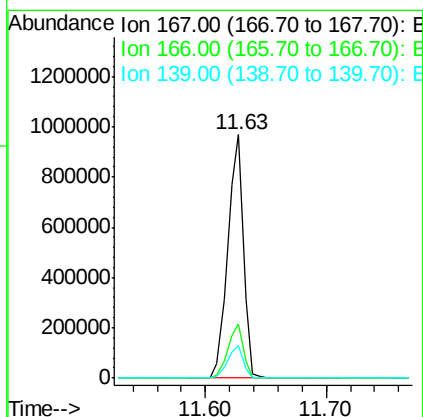
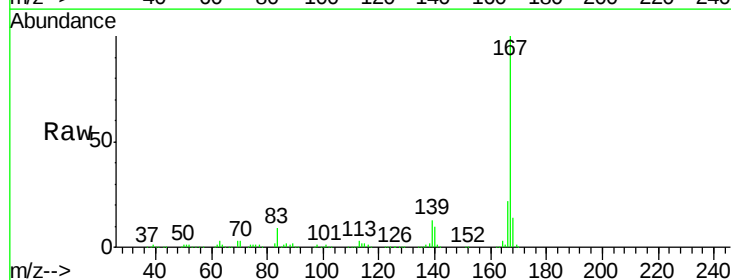
Instrument :
 BNA_F
 ClientSampleId :

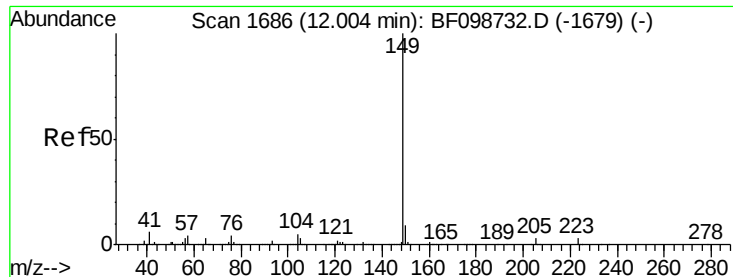
Tot Ion:178 Resp: 874875
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 40.90 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

Tgt Ion:167 Resp: 867708
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.78 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

Instrument :

BNA_F

ClientSampleId :

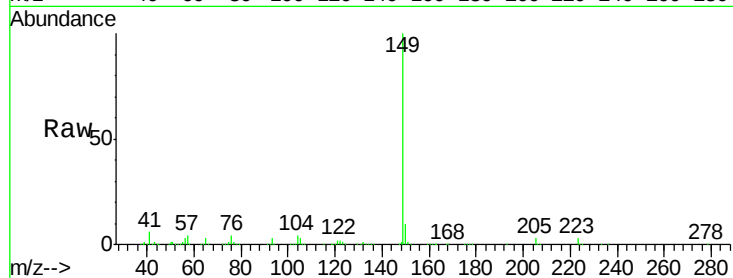
Tot Ion:149 Resp: 990537

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

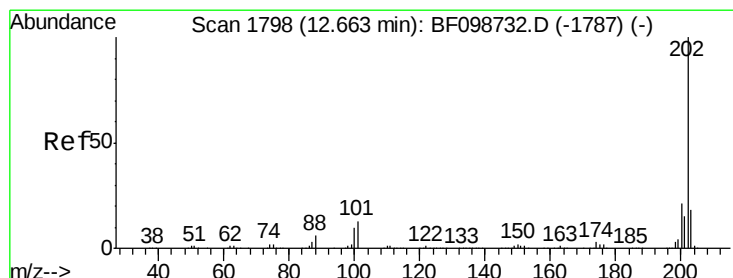
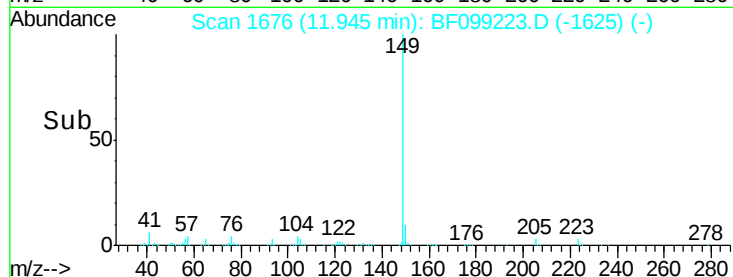
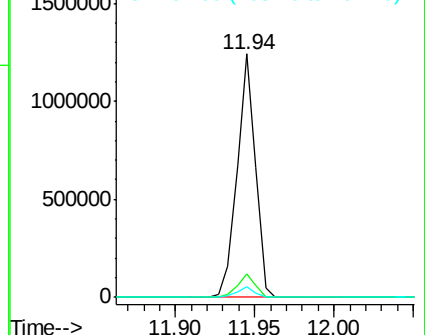
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.49 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

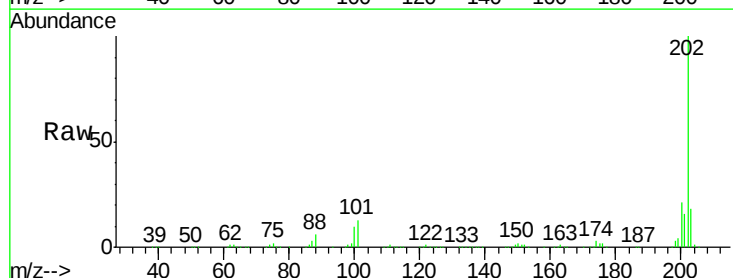
Tgt Ion:202 Resp: 868234

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

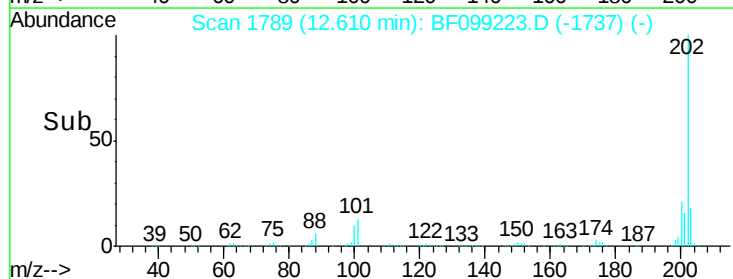
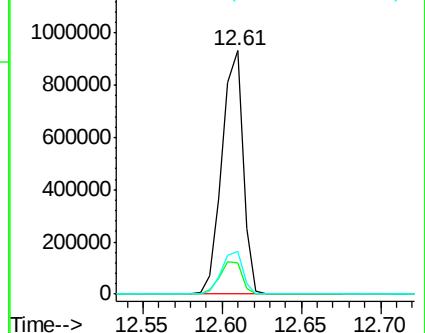
203 17.7 0.0 38.1

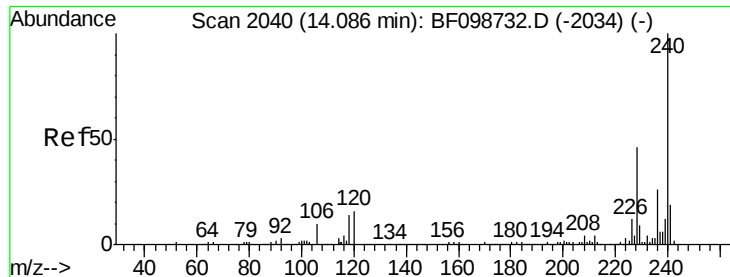


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

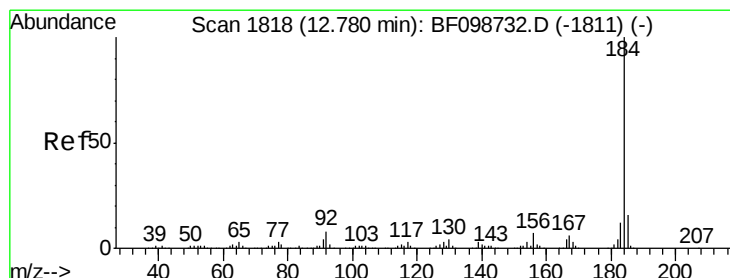
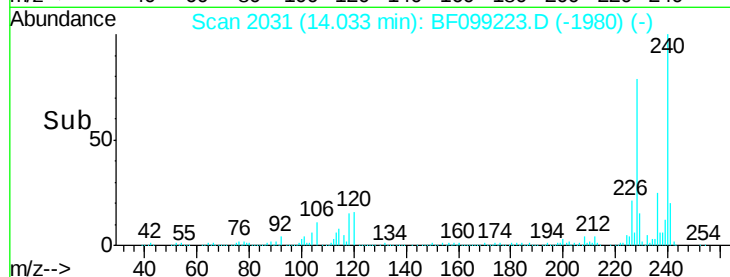
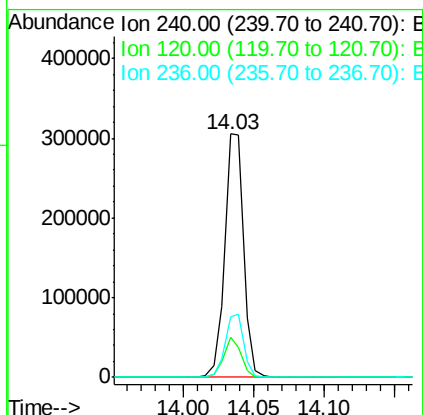
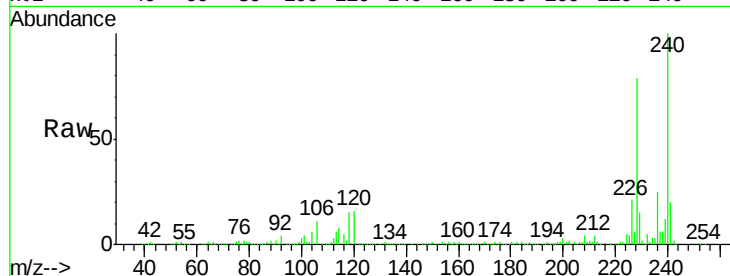




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

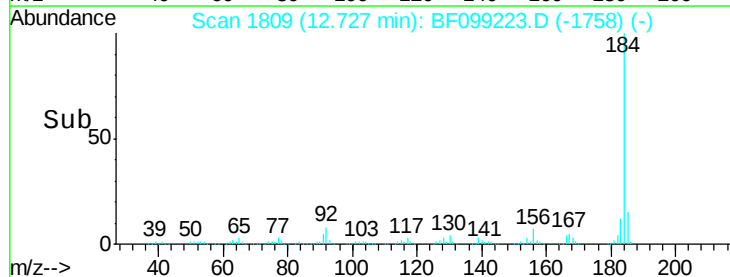
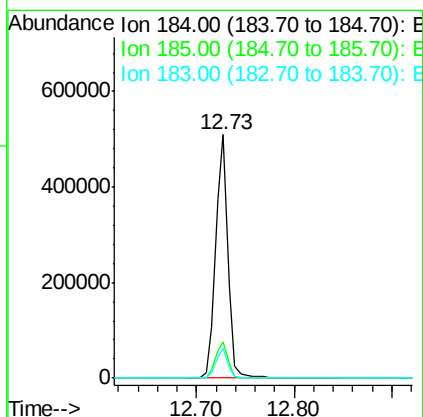
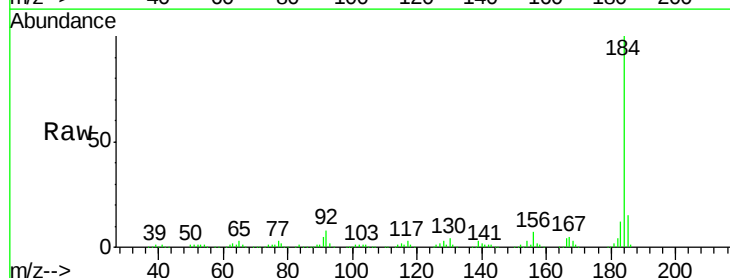
Instrument :
 BNA_F
 ClientSampleId :

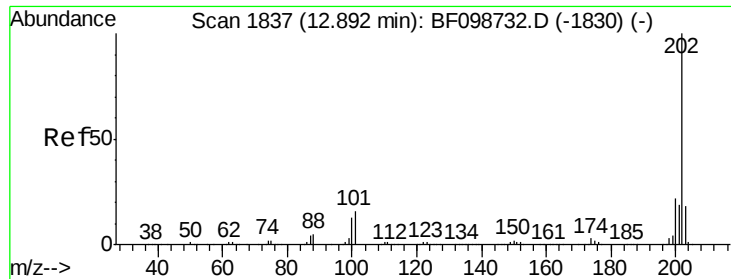
Tot Ion:240 Resp: 283934
 Ion Ratio Lower Upper
 240 100
 120 16.3 9.5 14.3#
 236 24.9 20.7 31.1



#76
 Benzidine
 Concen: 42.11 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

Tgt Ion:184 Resp: 442280
 Ion Ratio Lower Upper
 184 100
 185 14.8 12.6 18.8
 183 12.2 9.3 13.9

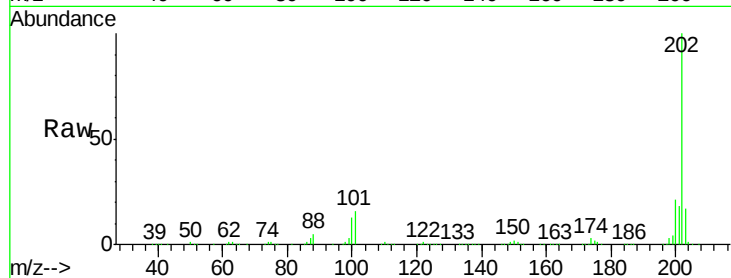




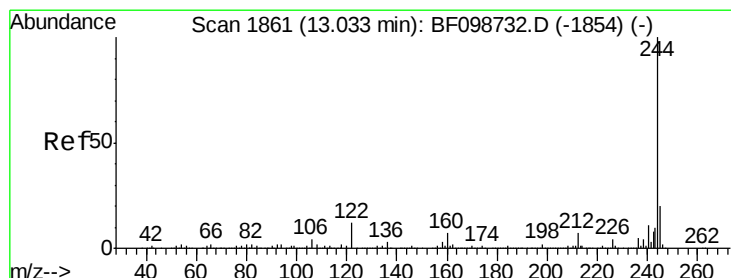
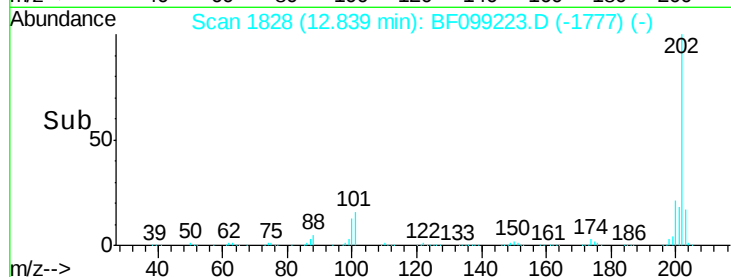
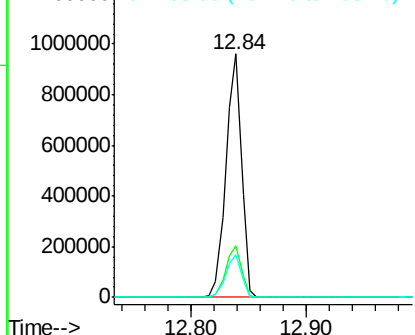
#77
Pvrene
Concen: 41.31 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 894434
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.3 14.3 21.5

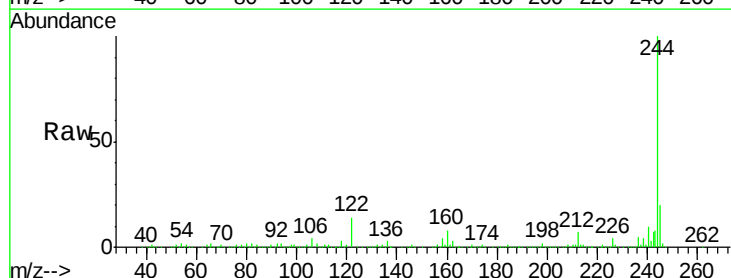


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

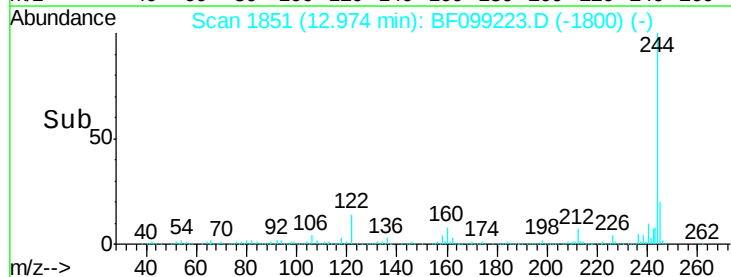
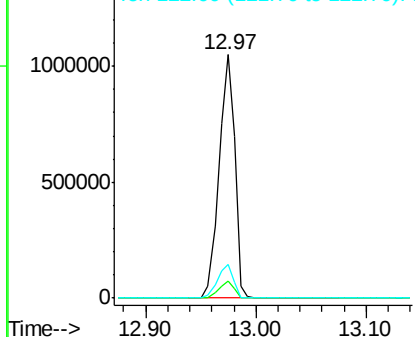


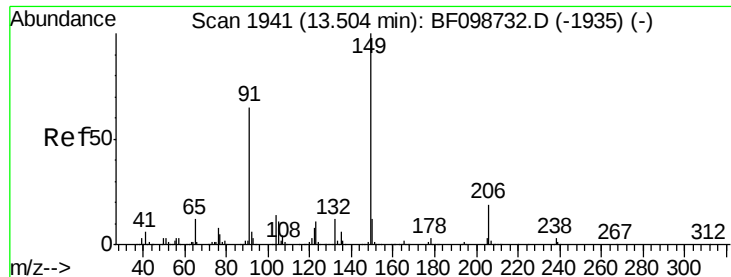
#78
Terphenyl-d14
Concen: 82.98 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:244 Resp: 1036060
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.6 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

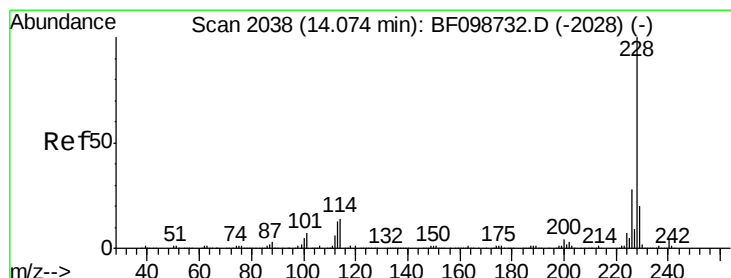
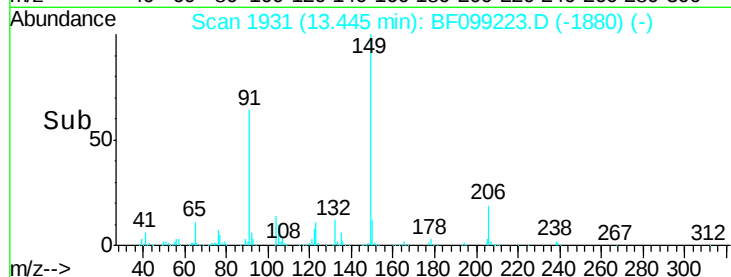
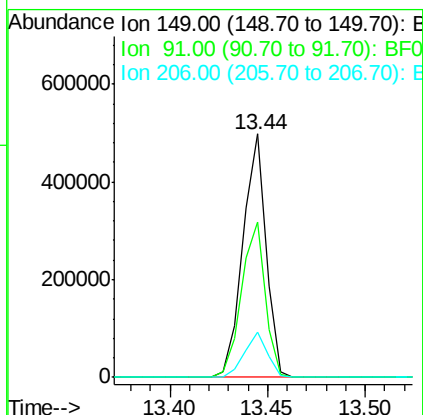
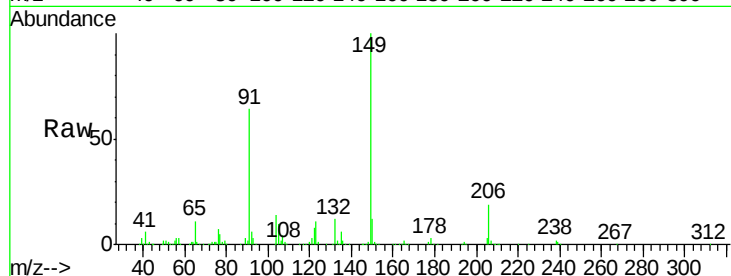




#79
Butylbenzylphthalate
Concen: 40.35 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

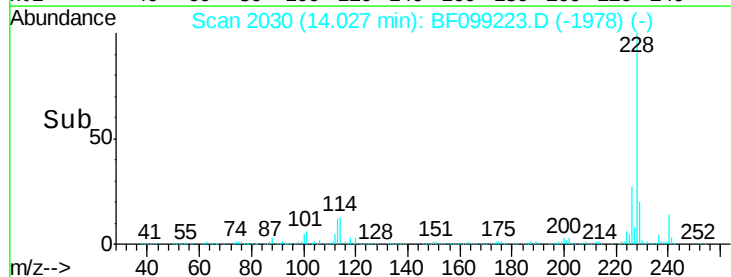
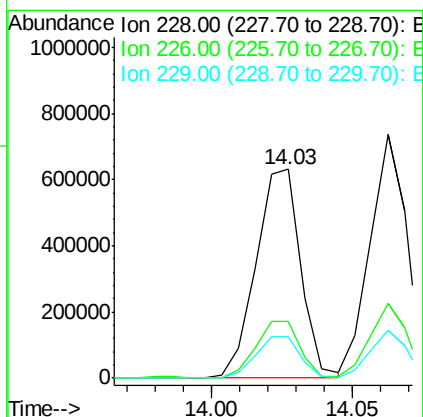
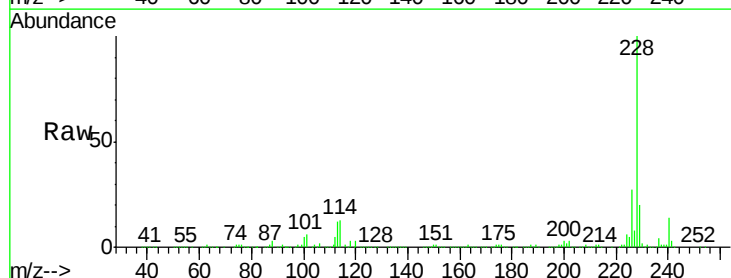
Instrument :
BNA_F
ClientSampleId :

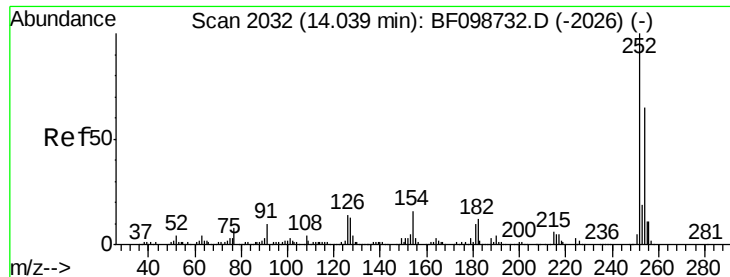
Tot Ion:149 Resp: 410599
Ion Ratio Lower Upper
149 100
91 63.9 56.8 85.2
206 18.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.26 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:228 Resp: 692271
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.6 15.8 23.6

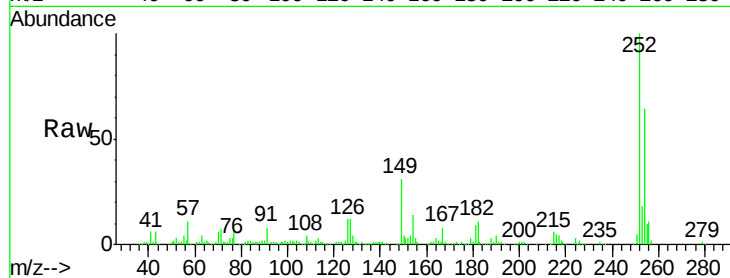




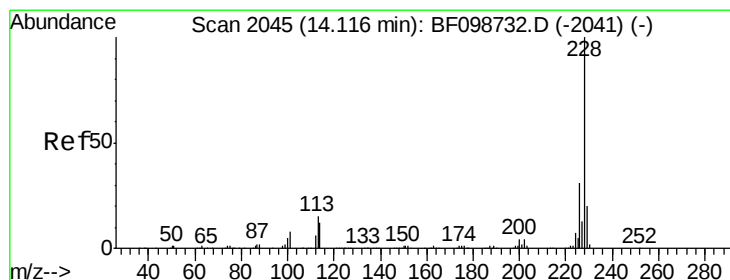
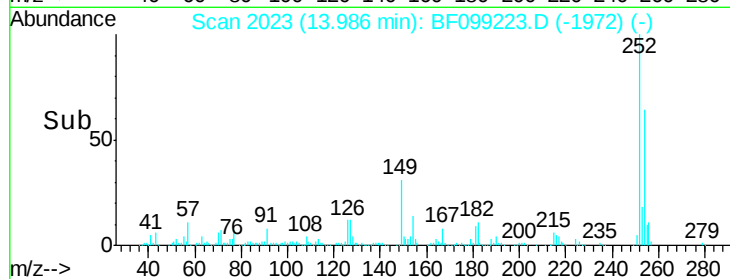
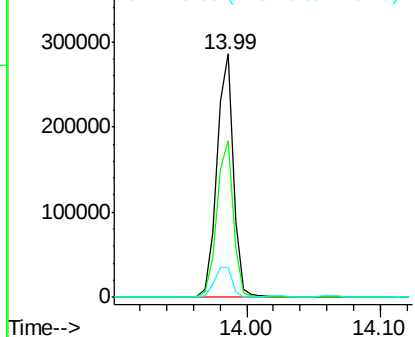
#81
 3,3'-Dichlorobenzidine
 Concen: 39.78 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 250704
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.4 75.6
 126 12.5 11.3 16.9

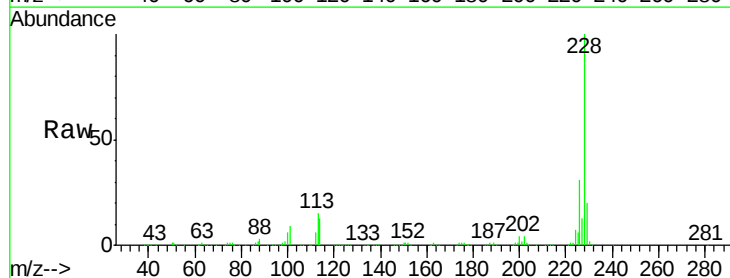


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

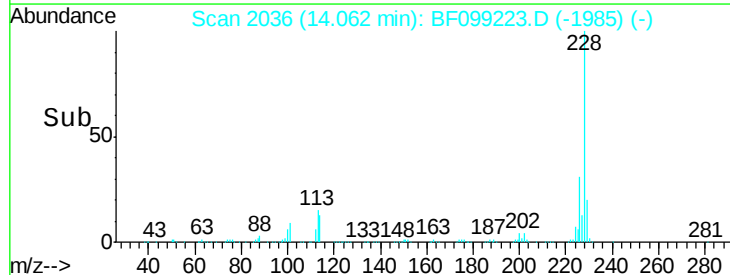
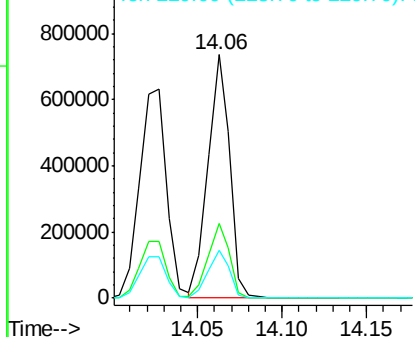


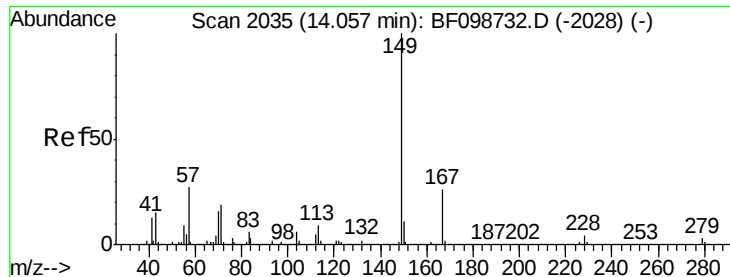
#82
 Chrysene
 Concen: 40.48 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

Tgt Ion:228 Resp: 662675
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 19.6 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

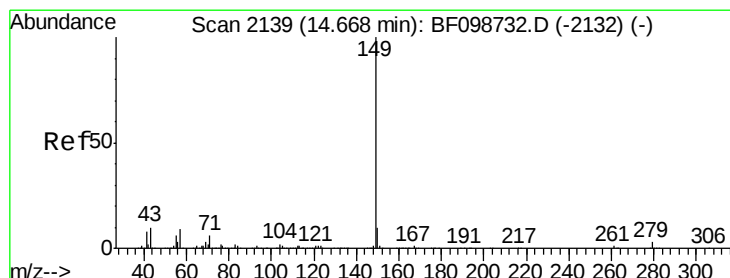
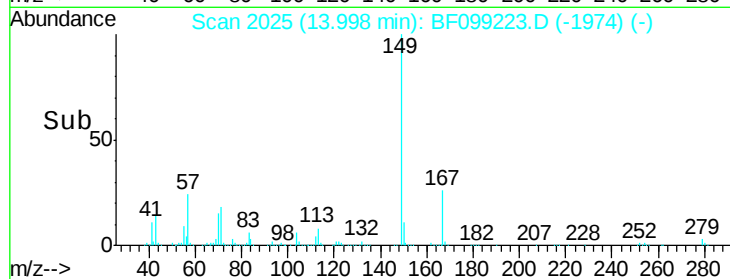
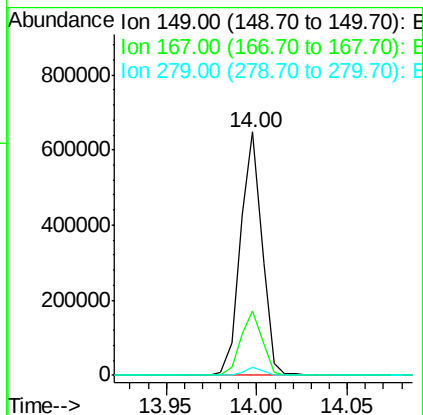
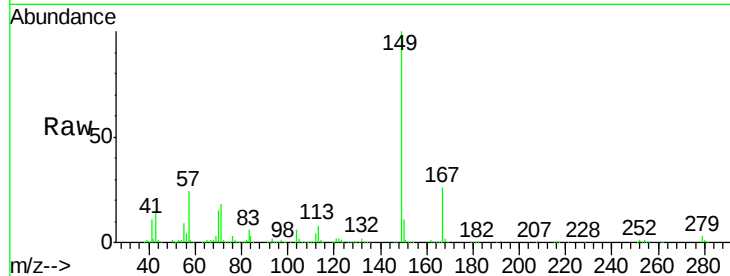




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.06 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

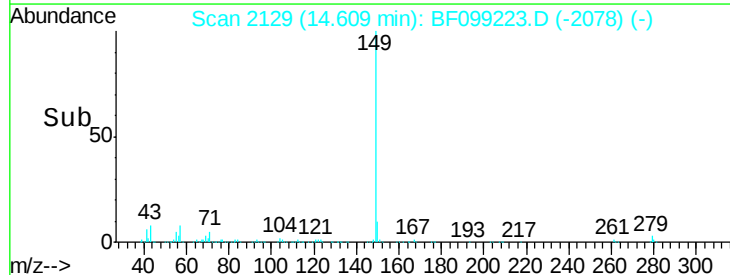
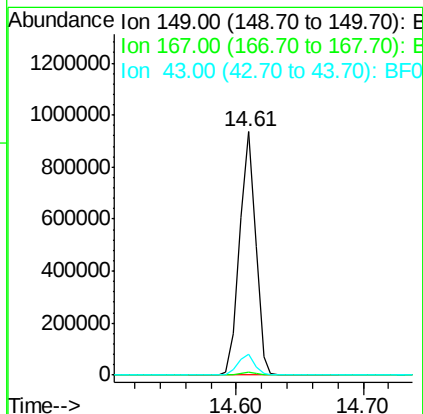
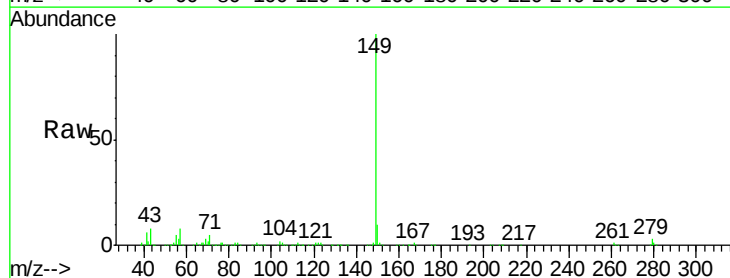
Instrument :
 BNA_F
 ClientSampleId :

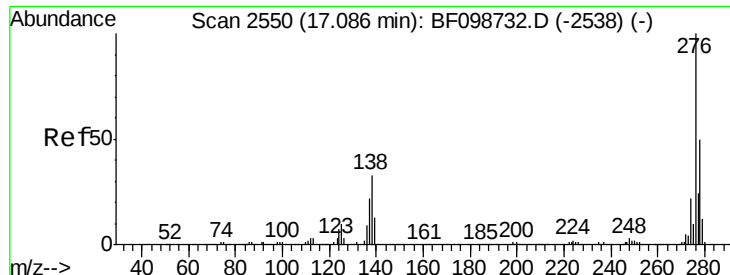
Tot Ion:149 Resp: 533264
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 3.1 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 35.95 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BF099223.D
 Acq: 8 Oct 2017 10:51

Tgt Ion:149 Resp: 811141
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.6 8.4 12.6

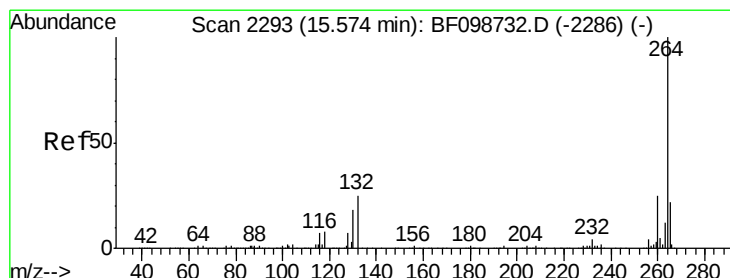
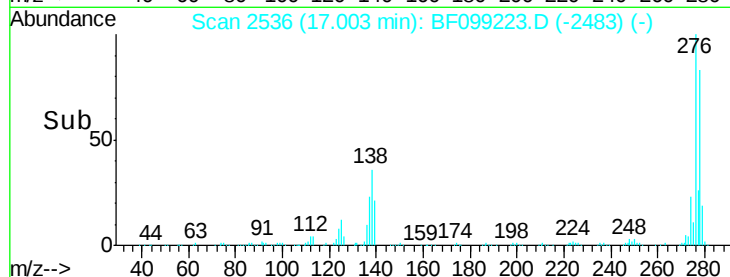
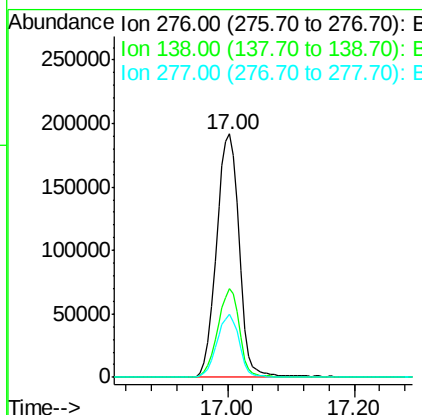
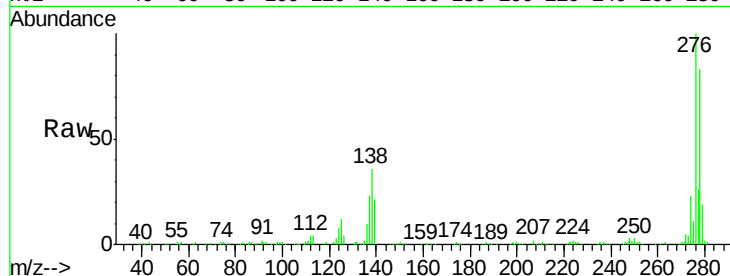




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.83 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

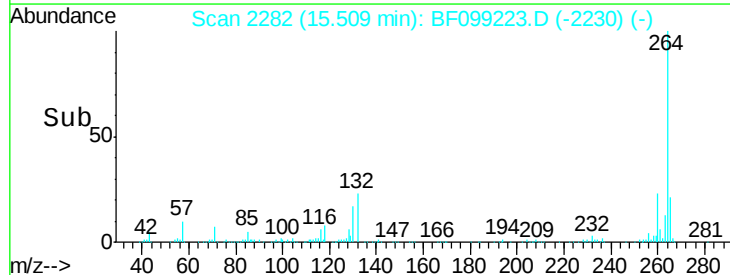
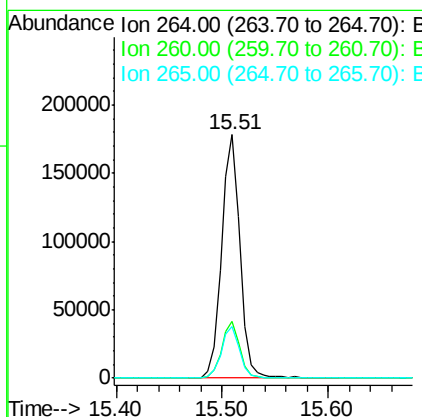
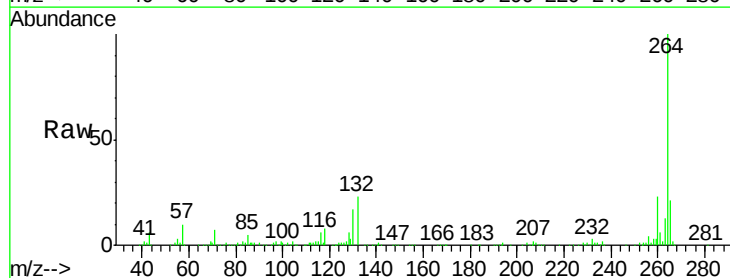
Instrument :
BNA_F
ClientSampled :

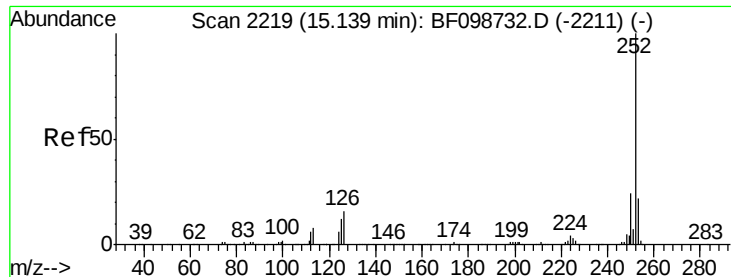
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	25.0	37.6
277	25.3	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.5	26.3

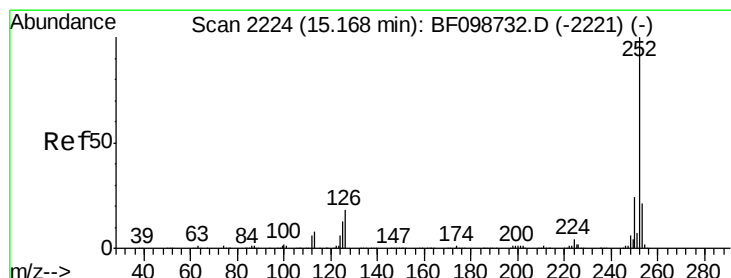
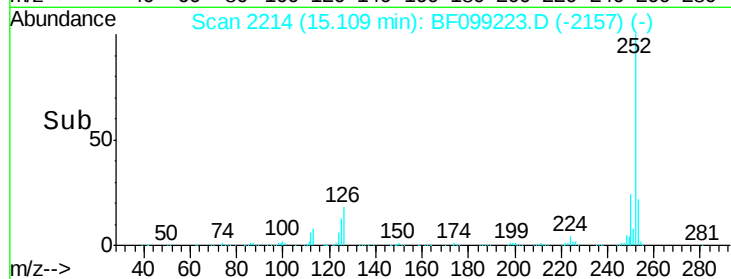
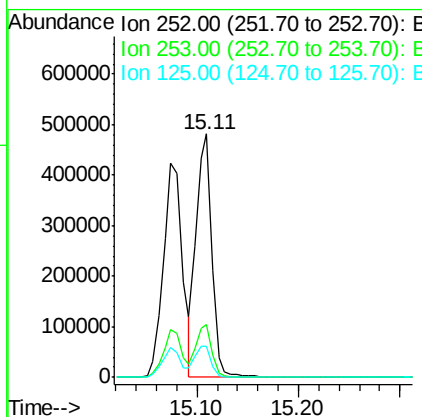
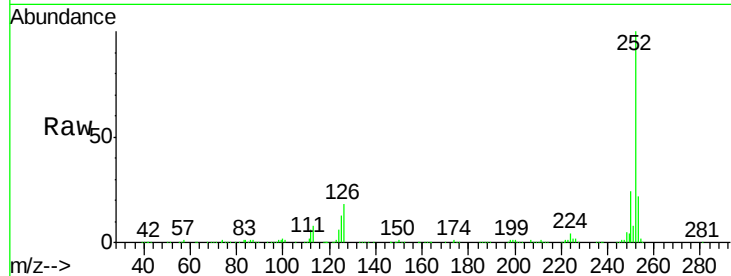




#87
Benzo(b)fluoranthene
Concen: 38.89 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.04 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

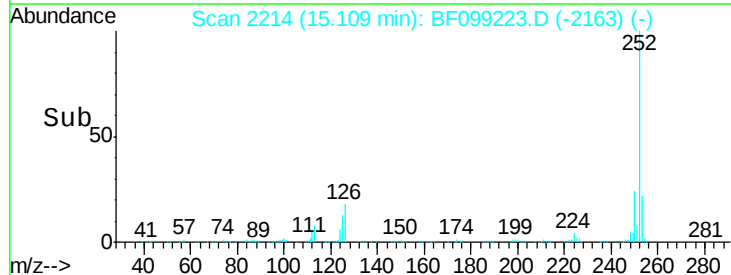
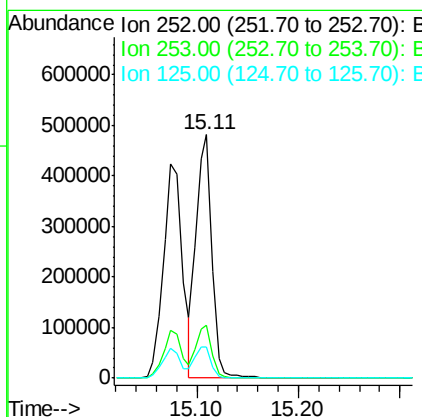
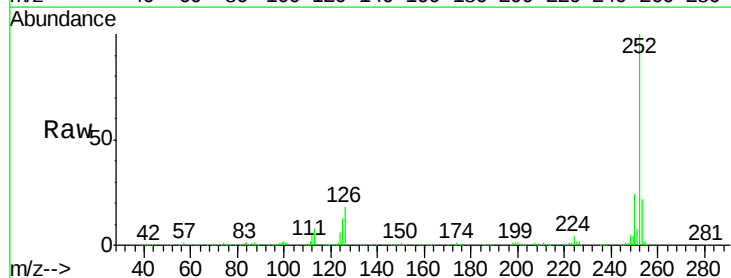
Instrument :
BNA_F
ClientSampleId :

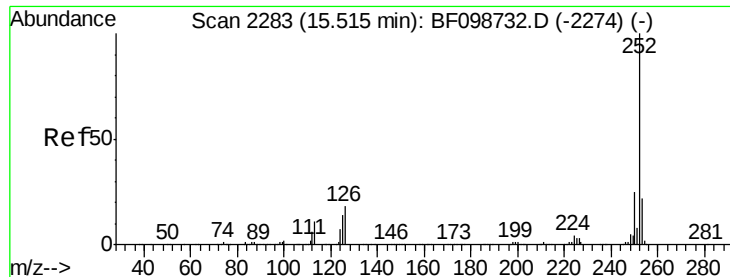
Tot Ion:252 Resp: 516215
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.37 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:252 Resp: 516215
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.6 10.2 15.2

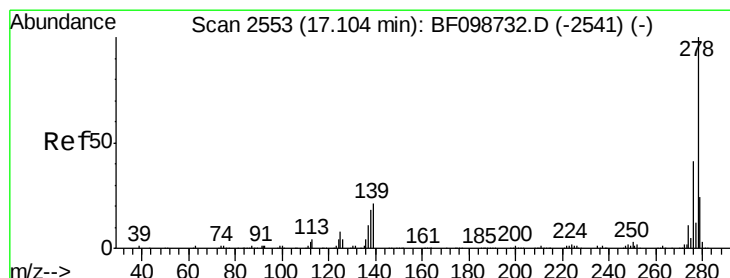
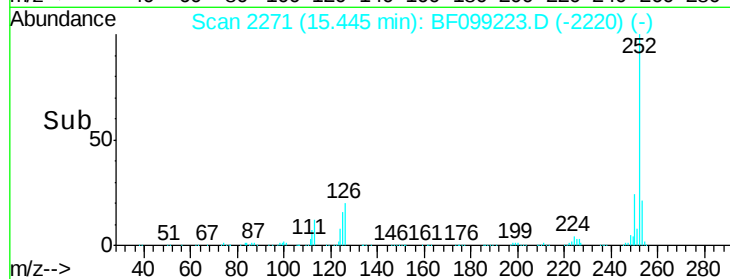
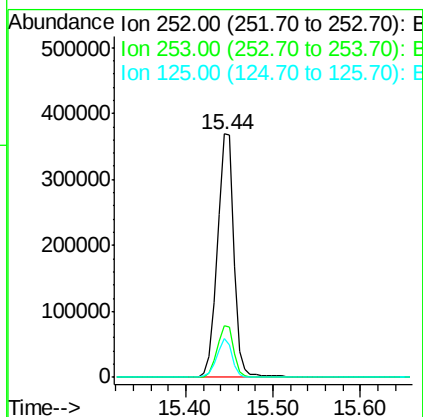
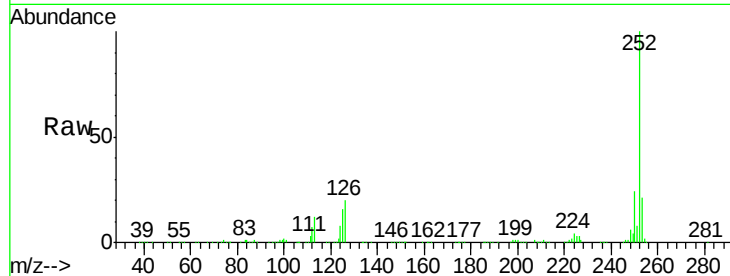




#89
Benzo(a)pyrene
Concen: 40.17 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

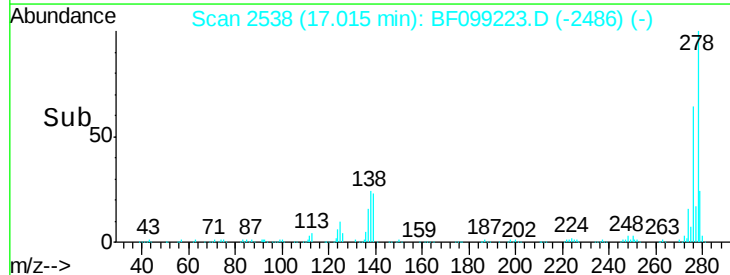
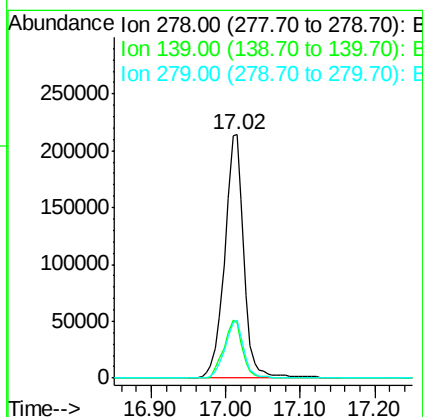
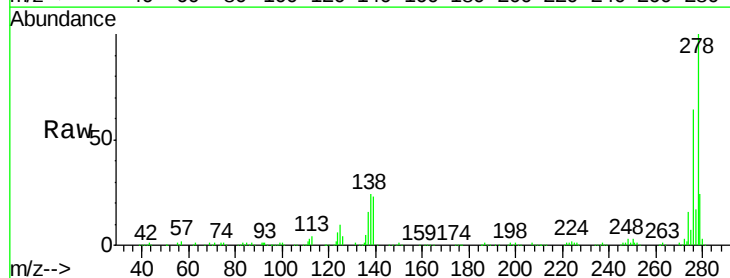
Instrument :
BNA_F
ClientSampleId :

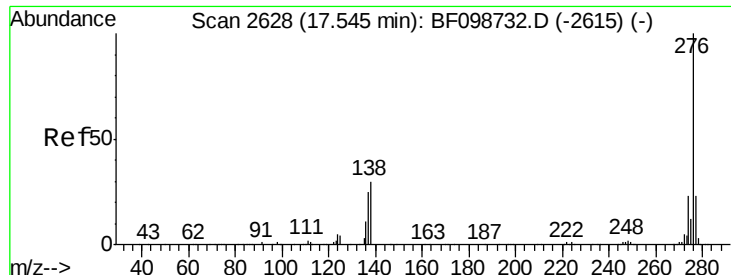
Tot Ion:252 Resp: 489437
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 15.8 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 39.50 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF099223.D
Acq: 8 Oct 2017 10:51

Tgt Ion:278 Resp: 385146
Ion Ratio Lower Upper
278 100
139 22.5 15.9 23.9
279 24.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 42.17 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

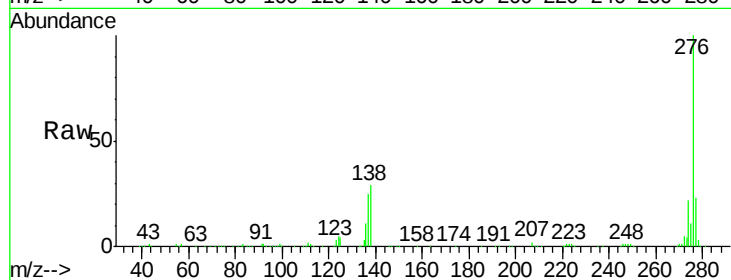
Lab File: BF099223.D

Acq: 8 Oct 2017 10:51

Instrument :

BNA_F

ClientSampleId :



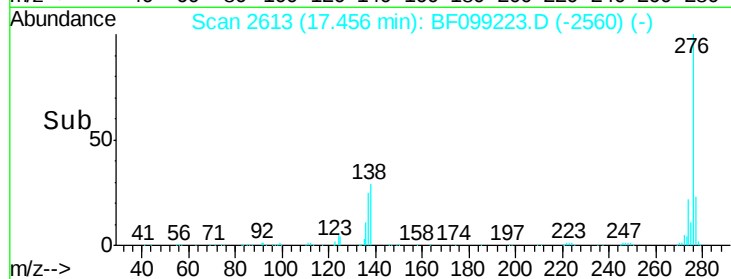
Tot Ion: 276 Resp: 406437

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 28.8 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

