

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098654.D
 Acq On : 20 Sep 2017 12:25
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 05:17:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	86267	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	351310	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	161733	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	311396	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	209676	20.00	ng	-0.01
86) Perylene-d12	15.17	264	151672	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	466539	79.96	ng	-0.02
7) Phenol-d6	6.28	99	575305	77.66	ng	-0.01
23) Nitrobenzene-d5	7.20	82	501786	79.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	112480	104.20	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	928425	97.30	ng	-0.02
78) Terphenyl-d14	12.72	244	909441	93.62	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.22	88	128940	42.82	ng	90
3) Pyridine	2.89	79	255350	31.93	ng	# 79
4) n-Nitrosodimethylamine	2.86	42	128697	32.82	ng	84
6) Aniline	6.29	93	349885	37.65	ng	# 42
8) 2-Chlorophenol	6.41	128	260822	40.65	ng	97
9) Benzaldehyde	6.17	77	158565	32.74	ng	95
10) Phenol	6.29	94	331386	38.51	ng	# 64
11) bis(2-Chloroethyl)ether	6.36	93	225750	34.80	ng	95
12) 1,3-Dichlorobenzene	6.64	146	278213	43.08	ng	97
13) 1,4-Dichlorobenzene	6.64	146	278213	42.06	ng	96
14) 1,2-Dichlorobenzene	6.79	146	253487	42.06	ng	98
15) Benzyl Alcohol	6.78	79	212073	43.01	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.90	45	349956	32.78	ng	# 42
17) 2-Methylphenol	6.90	107	199726	38.18	ng	# 87
18) Hexachloroethane	7.13	117	100334	39.61	ng	94
19) n-Nitroso-di-n-propylamine	7.05	70	174635	37.48	ng	92
20) 3+4-Methylphenols	7.06	107	275749	41.77	ng	# 66
22) Acetophenone	7.05	105	379455	41.79	ng	# 91
24) Nitrobenzene	7.22	77	279278	38.91	ng	98
25) Isophorone	7.46	82	464382	36.42	ng	97
26) 2-Nitrophenol	7.53	139	136550	47.12	ng	# 75
27) 2,4-Dimethylphenol	7.58	122	220245	39.87	ng	91
28) bis(2-Chloroethoxy)methane	7.67	93	288783	37.12	ng	99
29) 2,4-Dichlorophenol	7.78	162	208834	45.45	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	228985	45.81	ng	96
31) Naphthalene	7.93	128	725248	41.76	ng	100
32) Benzoic acid	7.75	122	137717	38.96	ng	96
33) 4-Chloroaniline	7.99	127	284320	40.28	ng	99
34) Hexachlorobutadiene	8.04	225	125604	48.95	ng	96
35) Caprolactam	8.37	113	39991	25.24	ng	# 77
36) 4-Chloro-3-methylphenol	8.49	107	239586	42.04	ng	87
37) 2-Methylnaphthalene	8.62	142	449063	42.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	235388	46.72	ng	98
40) Hexachlorocyclopentadiene	8.77	237	46140	37.26	ng	98

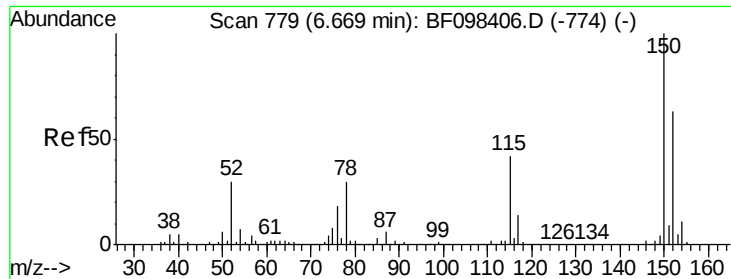
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098654.D
 Acq On : 20 Sep 2017 12:25
 Operator : SJ/JU
 Sample : SSTDC0040
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 BNA_F
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Quant Time: Sep 21 05:17:05 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	133638	45.16	nq	92
43) 2,4,5-Trichlorophenol	8.96	196	136281	44.06	nq	89
45) 1,1'-Biphenyl	9.09	154	628235	43.40	nq	100
46) 2-Chloronaphthalene	9.11	162	443990	42.95	nq	95
47) 2-Nitroaniline	9.22	65	152768	38.50	nq	98
48) Acenaphthylene	9.52	152	653972	42.54	nq	99
49) Dimethylphthalate	9.39	163	515668	41.19	nq	98
50) 2,6-Dinitrotoluene	9.46	165	115362	44.86	nq	# 68
51) Acenaphthene	9.69	154	414095	42.38	nq	97
52) 3-Nitroaniline	9.63	138	125964	40.58	nq	100
53) 2,4-Dinitrophenol	9.75	184	43687	40.63	nq	# 80
54) Dibenzofuran	9.86	168	567019	44.05	nq	98
55) 4-Nitrophenol	9.82	139	81117	45.48	nq	# 53
56) 2,4-Dinitrotoluene	9.87	165	148861	47.61	nq	# 75
57) Fluorene	10.20	166	477340	44.80	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	94047	45.24	nq	95
59) Diethylphthalate	10.09	149	508478	42.71	nq	98
60) 4-Chlorophenyl-phenylether	10.20	204	230375	46.81	nq	89
61) 4-Nitroaniline	10.25	138	118986	37.95	nq	80
62) Azobenzene	10.36	77	458699	35.75	nq	95
64) 4,6-Dinitro-2-methylphenol	10.28	198	80813	42.90	nq	# 73
65) n-Nitrosodiphenylamine	10.32	169	418351	41.38	nq	98
66) 4-Bromophenyl-phenylether	10.69	248	131678	44.55	nq	94
67) Hexachlorobenzene	10.75	284	137538	45.88	nq	# 86
68) Atrazine	10.85	200	131713	42.31	nq	98
69) Pentachlorophenol	10.96	266	50386	41.61	nq	92
70) Phenanthrene	11.16	178	678410	41.10	nq	99
71) Anthracene	11.22	178	699834	41.29	nq	98
72) Carbazole	11.37	167	629205	39.83	nq	99
73) Di-n-butylphthalate	11.70	149	770696	40.72	nq	99
74) Fluoranthene	12.35	202	684753	41.44	nq	96
76) Benzidine	12.47	184	339821	36.62	nq	94
77) Pyrene	12.57	202	701340	42.40	nq	99
79) Butylbenzylphthalate	13.20	149	301373	42.00	nq	# 87
80) Benzo(a)anthracene	13.76	228	523263	42.57	nq	99
81) 3,3'-Dichlorobenzidine	13.73	252	202120	42.31	nq	# 95
82) Chrysene	13.80	228	514545	41.41	nq	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	371565	41.26	nq	# 99
84) Di-n-octyl phthalate	14.36	149	558698	36.16	nq	99
85) Indeno(1,2,3-cd)pyrene	16.50	276	330738	37.94	nq	# 92
87) Benzo(b)fluoranthene	14.78	252	402109	42.16	nq	98
88) Benzo(k)fluoranthene	14.80	252	397851	44.69	nq	# 94
89) Benzo(a)pyrene	15.12	252	359661	42.33	nq	# 97
90) Dibenzo(a,h)anthracene	16.50	278	273113	44.19	nq	95
91) Benzo(g,h,i)perylene	16.89	276	271539	43.68	nq	# 91

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

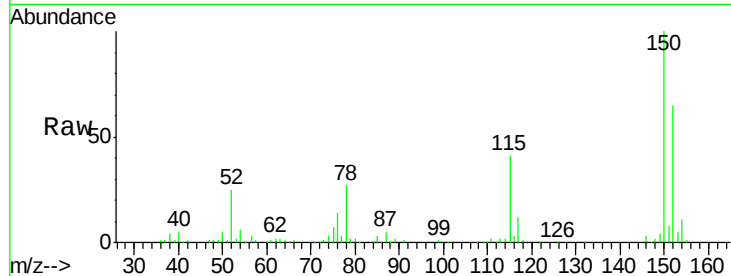


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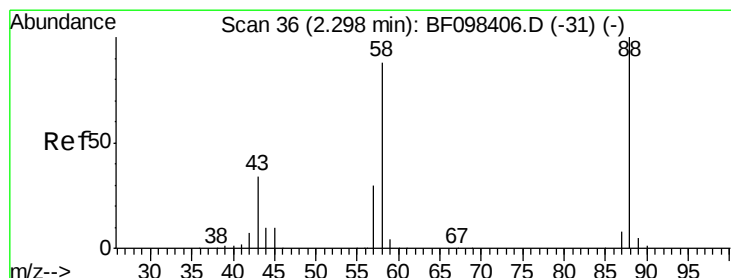
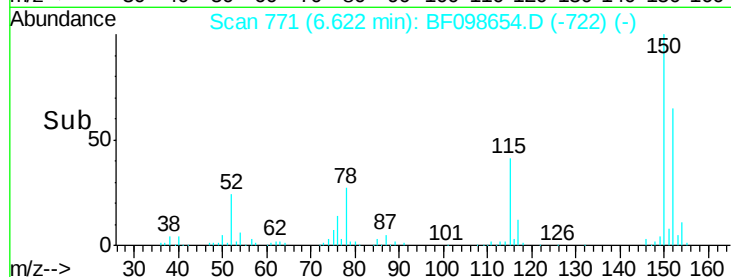
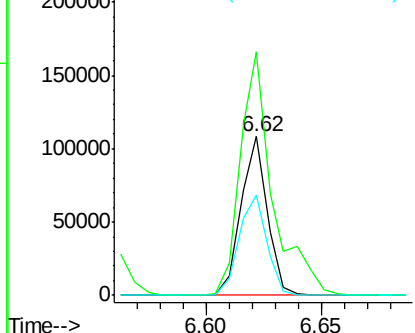
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 86267
Ion Ratio Lower Upper
152 100
150 153.2 126.2 189.2
115 62.8 52.2 78.2



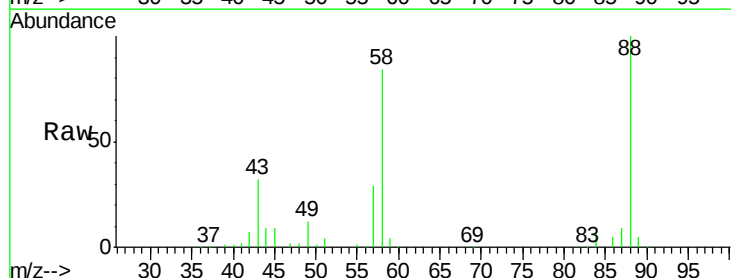
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



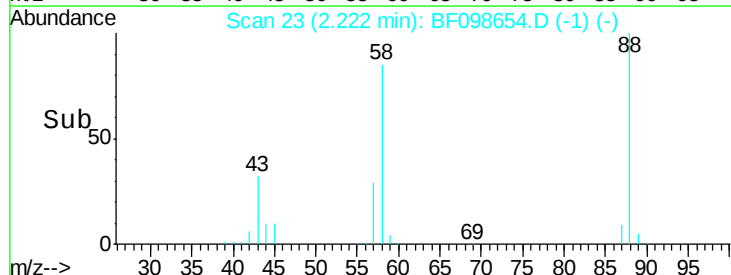
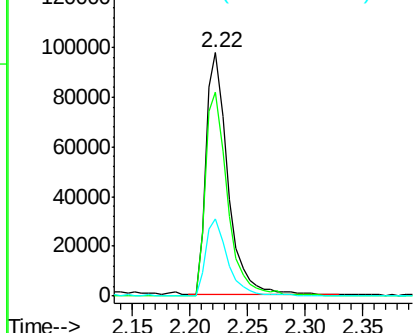
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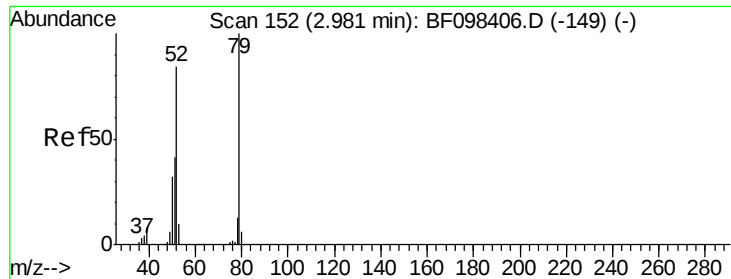
1,4-Dioxane
Concen: 42.82 ng
RT: 2.22 min Scan# 23
Delta R.T. -0.02 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion: 88 Resp: 128940
Ion Ratio Lower Upper
88 100
58 86.1 61.4 92.0
43 33.0 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.93 ng

RT: 2.89 min Scan# 137

Delta R.T. -0.02 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampleId :

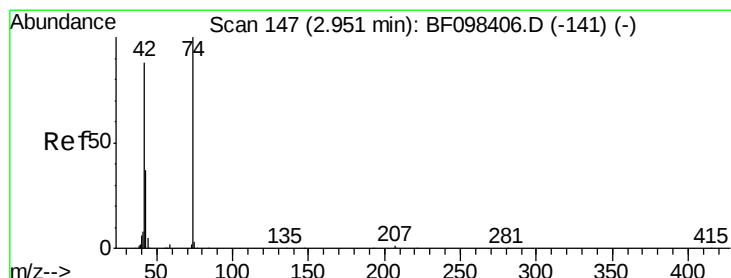
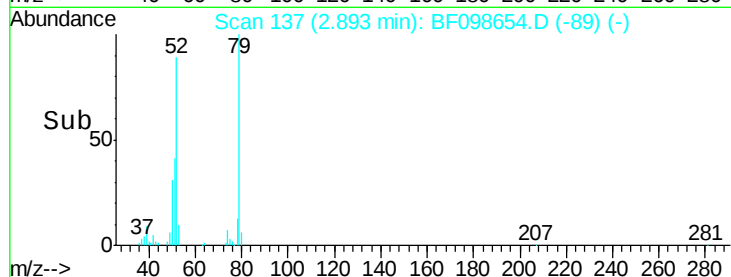
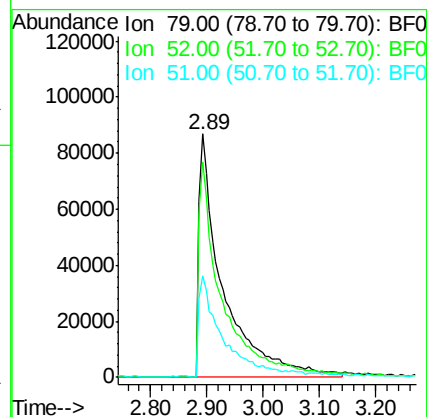
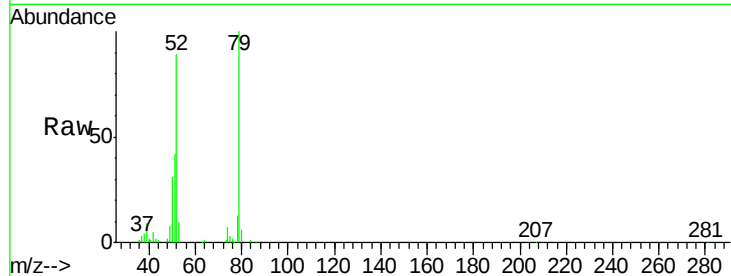
Tot Ion: 79 Resp: 255350

Ion Ratio Lower Upper

79 100

52 88.7 54.8 82.2#

51 41.6 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 32.82 ng

RT: 2.86 min Scan# 132

Delta R.T. -0.02 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

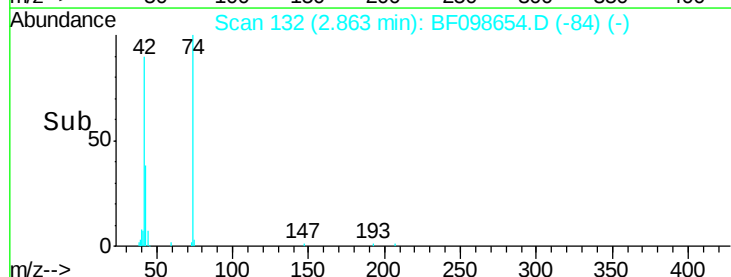
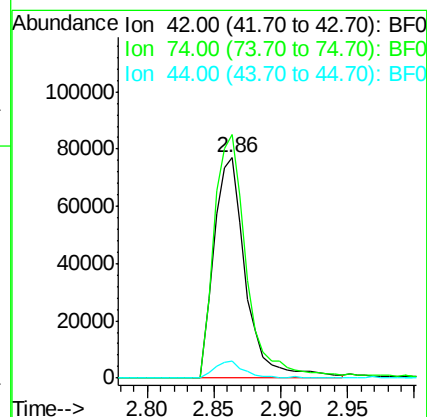
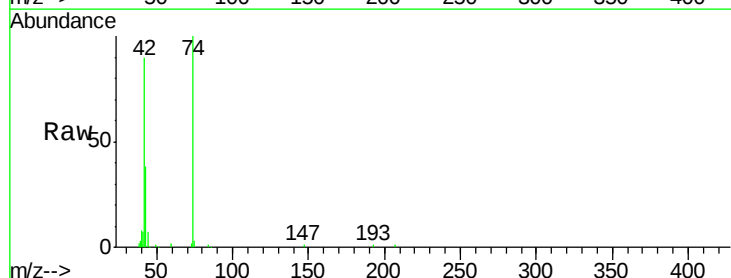
Tgt Ion: 42 Resp: 128697

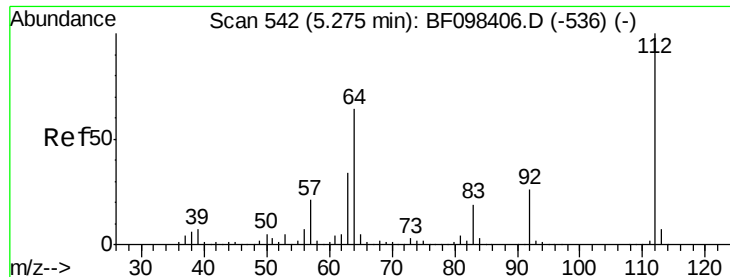
Ion Ratio Lower Upper

42 100

74 110.7 103.9 155.9

44 7.8 5.7 8.5





#5

2-Fluorophenol

Concen: 79.96 ng

RT: 5.22 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF098654.D

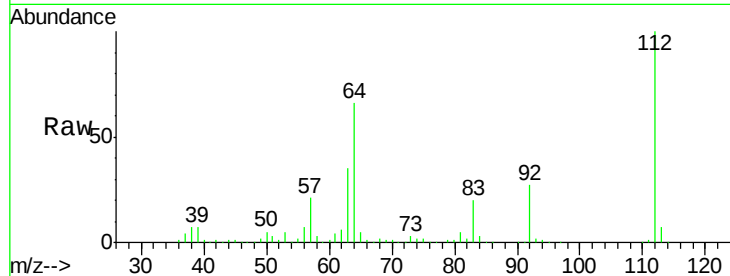
Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampled :

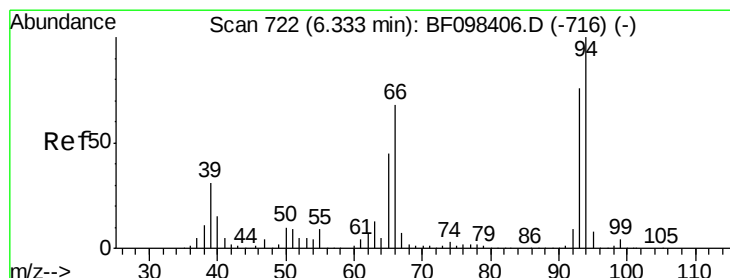
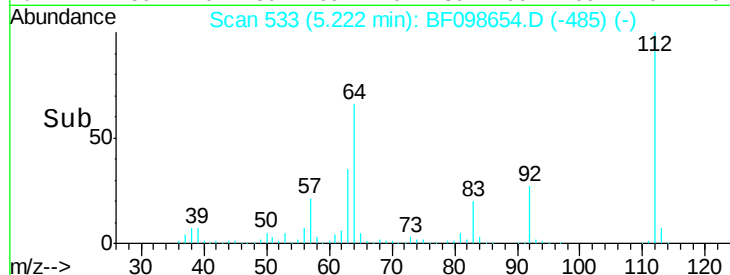
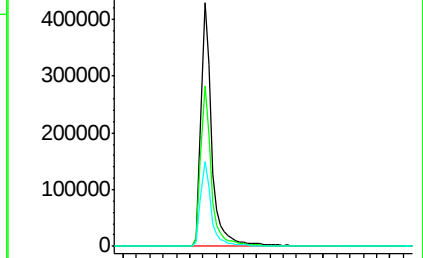
Tot Ion:	112	Resp:	466539
Ion	Ratio	Lower	Upper
112	100		
64	65.9	46.0	69.0
63	34.6	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.65 ng

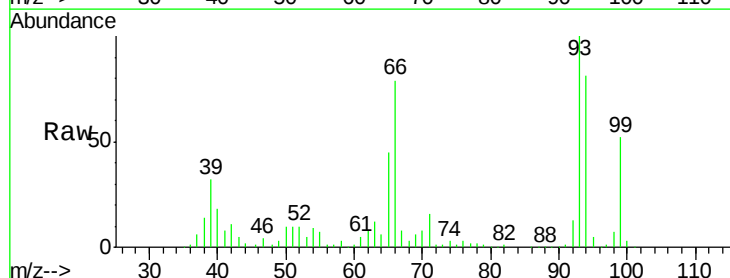
RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

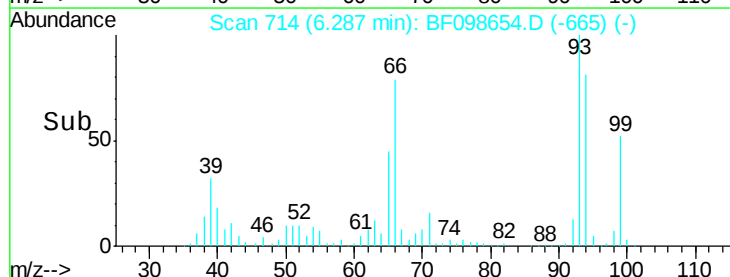
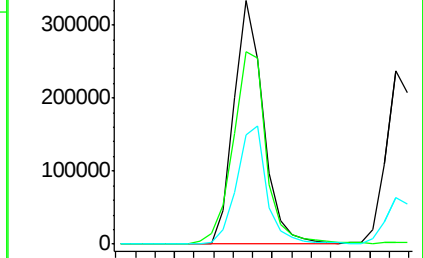
Tgt Ion:	93	Resp:	349885
Ion	Ratio	Lower	Upper
93	100		
66	79.0	32.9	49.3#
65	45.0	16.0	24.0#

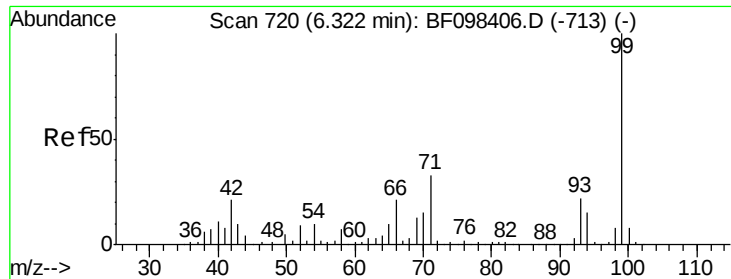


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.66 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampleId :

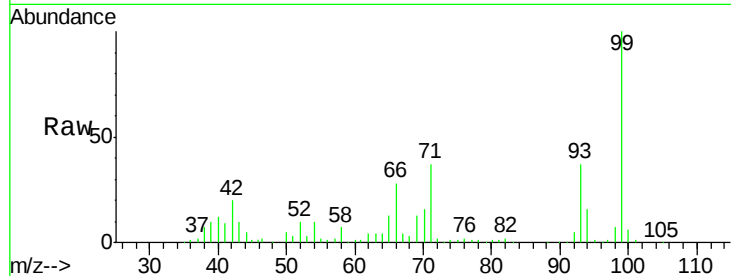
Tot Ion: 99 Resp: 575305

Ion Ratio Lower Upper

99 100

42 20.3 13.5 20.3#

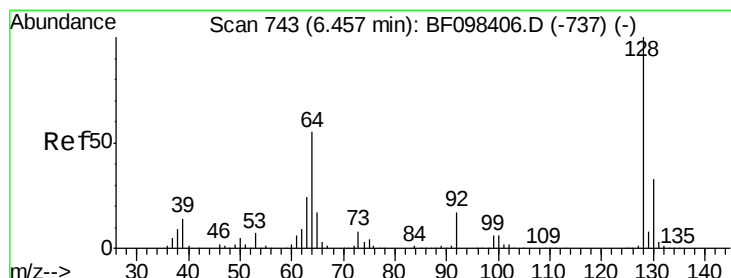
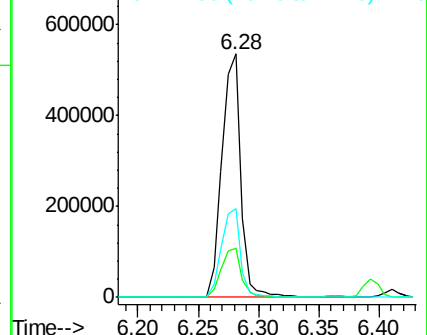
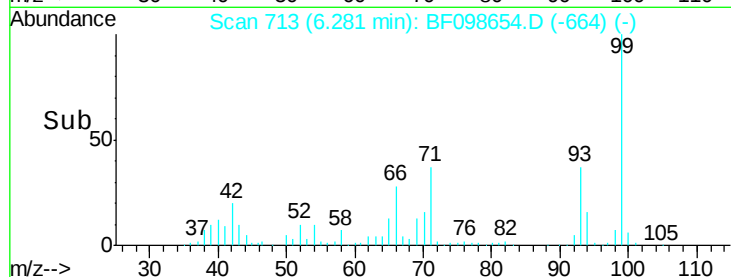
71 36.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.65 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

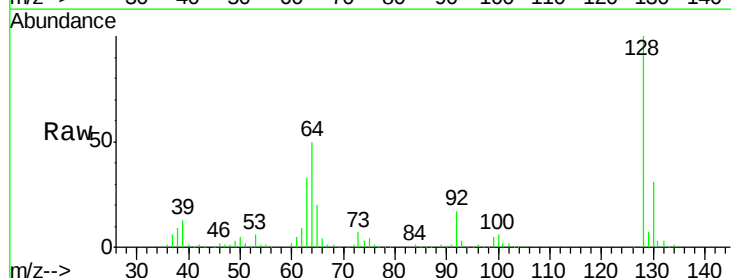
Tgt Ion:128 Resp: 260822

Ion Ratio Lower Upper

128 100

130 31.4 12.9 52.9

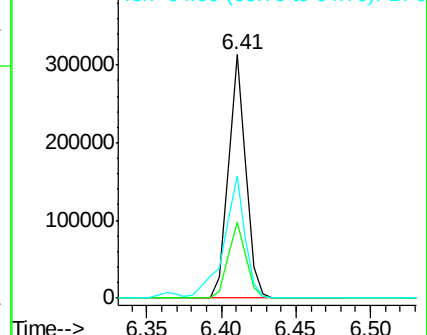
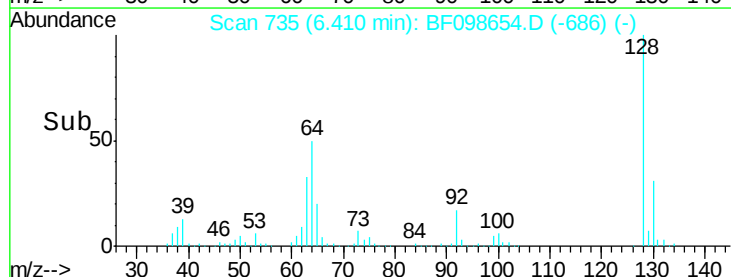
64 50.4 28.4 68.4

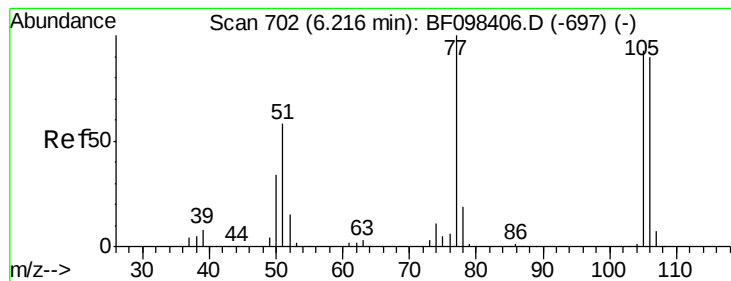


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.74 ng

RT: 6.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampled :

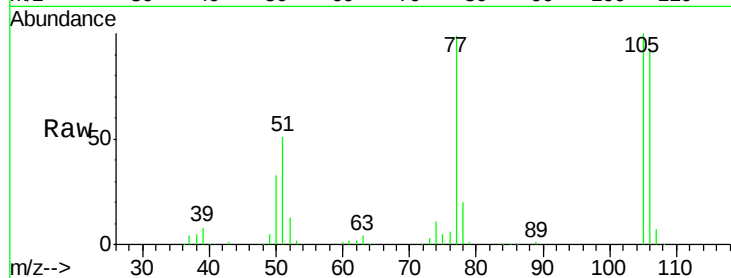
Tot Ion: 77 Resp: 158565

Ion Ratio Lower Upper

77 100

105 101.1 83.8 123.8

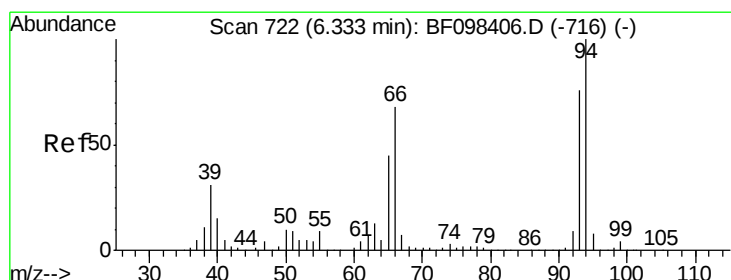
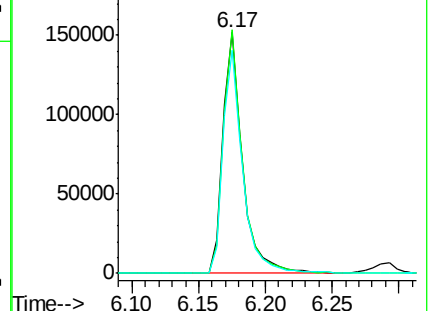
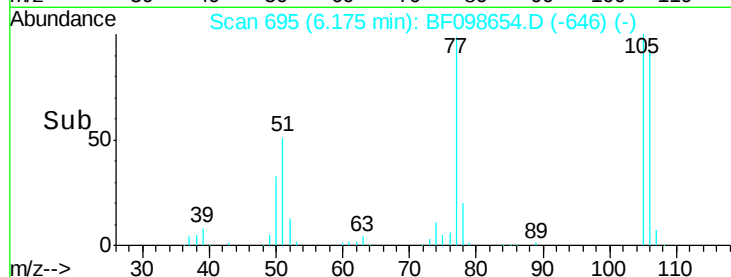
106 92.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.51 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

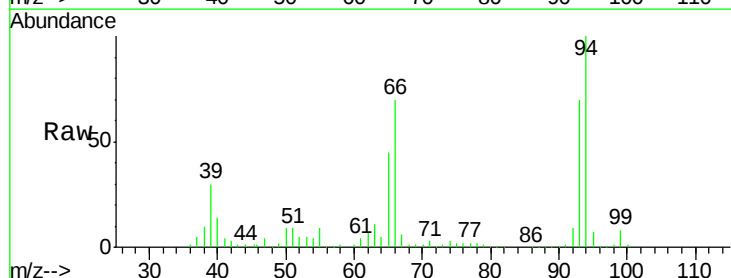
Tgt Ion: 94 Resp: 331386

Ion Ratio Lower Upper

94 100

65 44.6 9.9 49.9

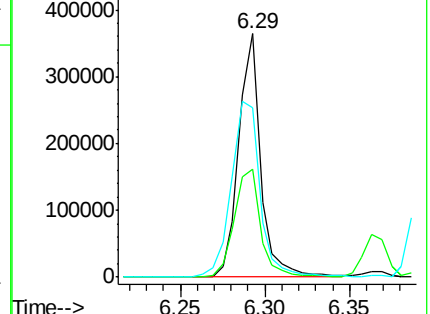
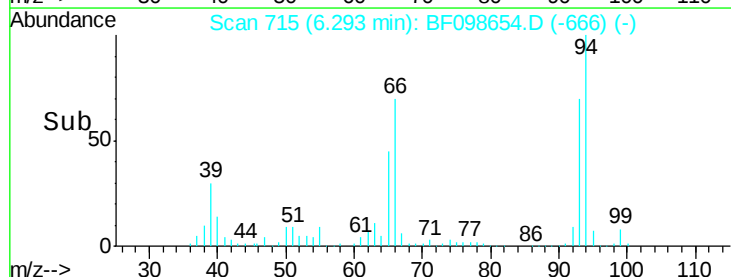
66 69.8 23.1 63.1#

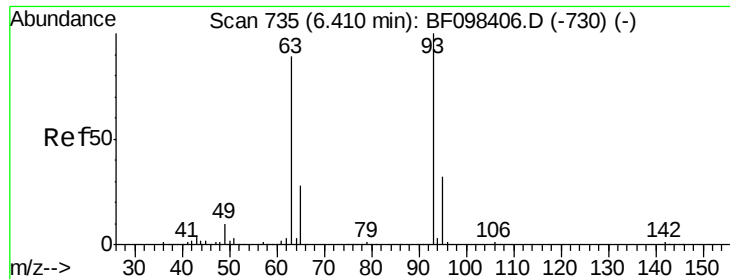


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



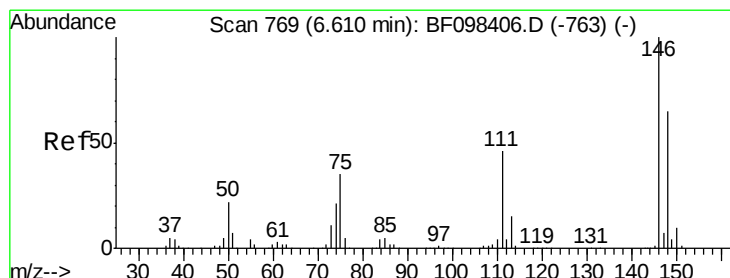
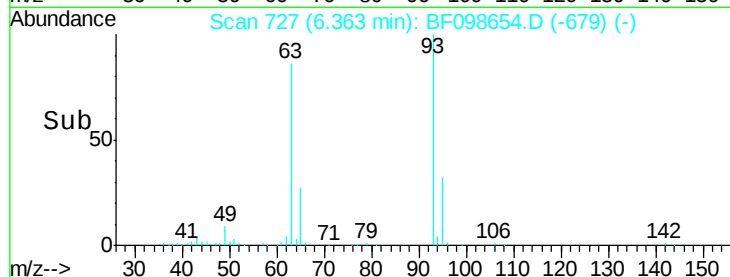
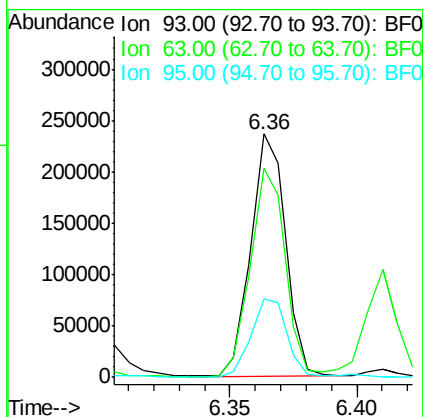
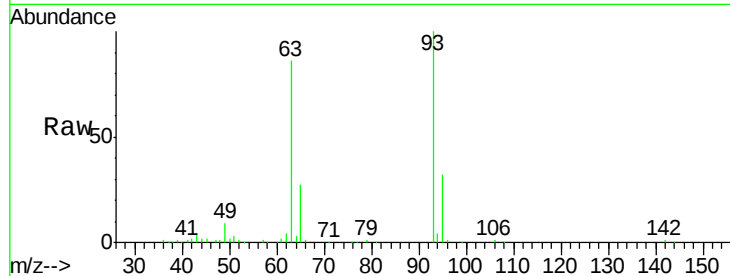


#11
bis(2-Chloroethyl)ether
Concen: 34.80 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 225750

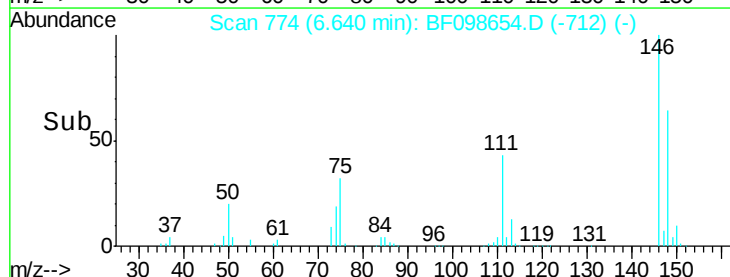
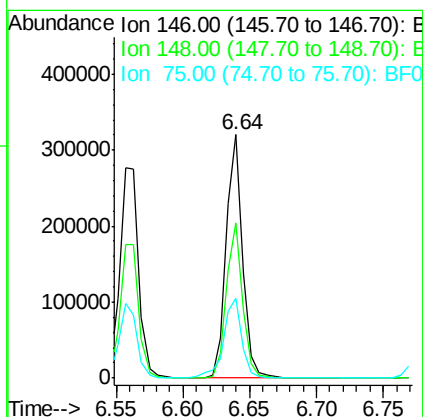
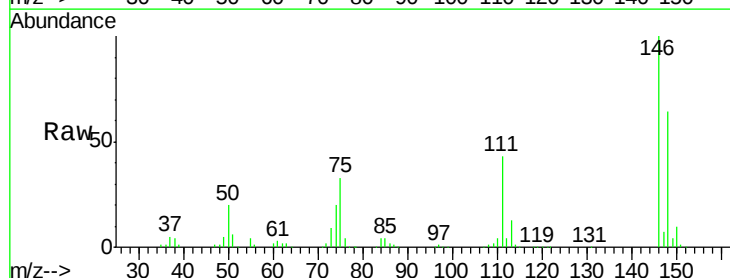
Ion	Ratio	Lower	Upper
93	100		
63	85.6	59.2	99.2
95	32.5	12.8	52.8

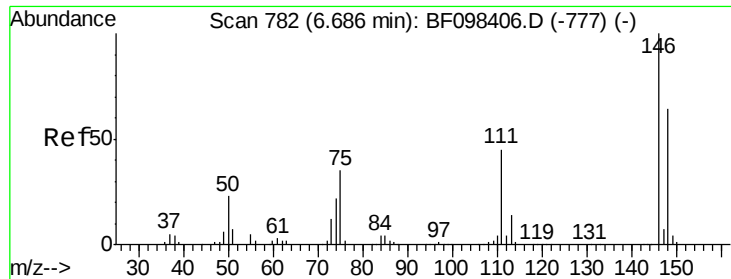


#12
1,3-Dichlorobenzene
Concen: 43.08 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.06 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion: 146 Resp: 278213

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
75	32.6	23.1	34.7

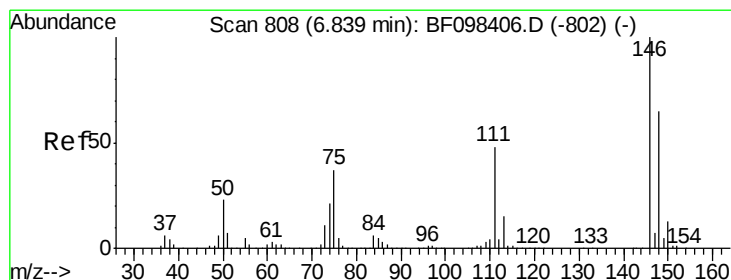
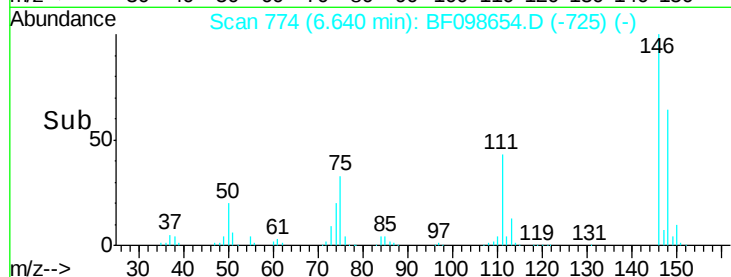
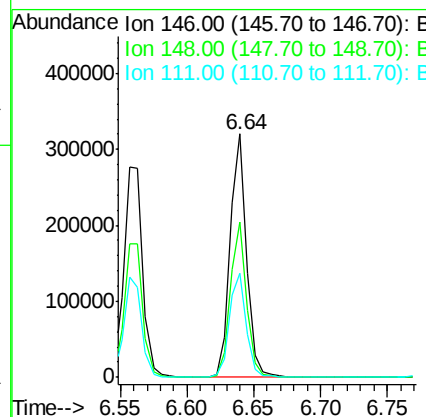
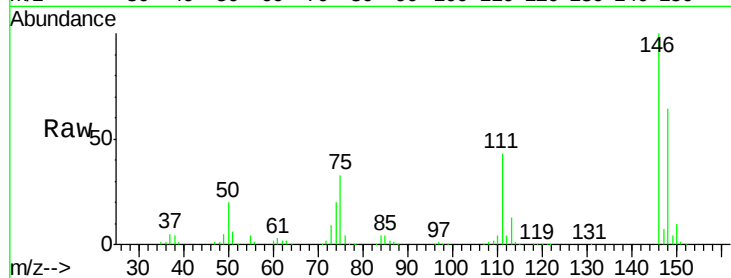




#13
 1,4-Dichlorobenzene
 Concen: 42.06 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

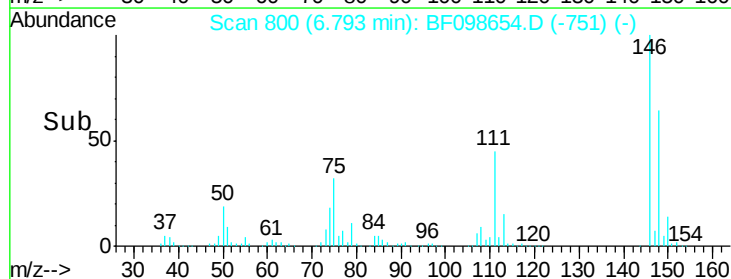
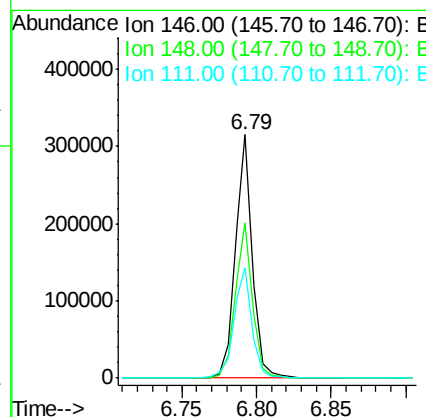
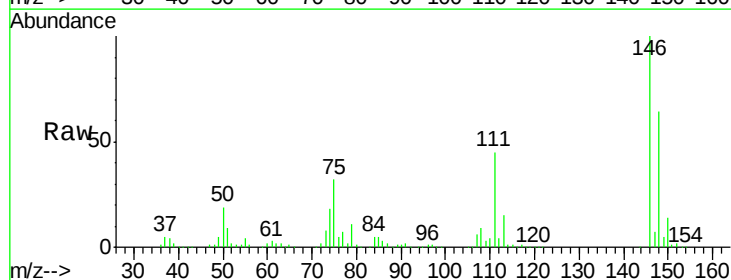
Instrument :
 BNA_F
 ClientSampleId :

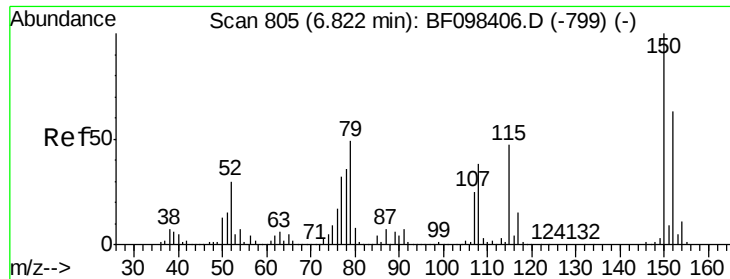
Tot Ion:146 Resp: 278213
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 43.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.06 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

Tgt Ion:146 Resp: 253487
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 45.3 38.2 57.4

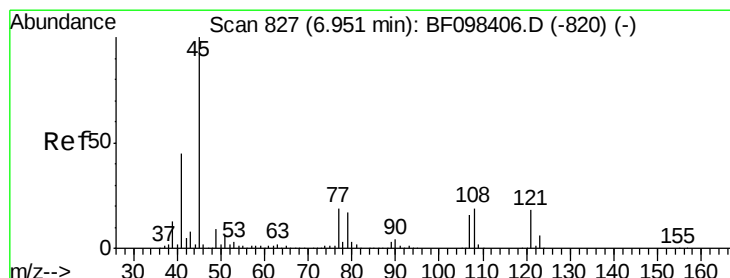
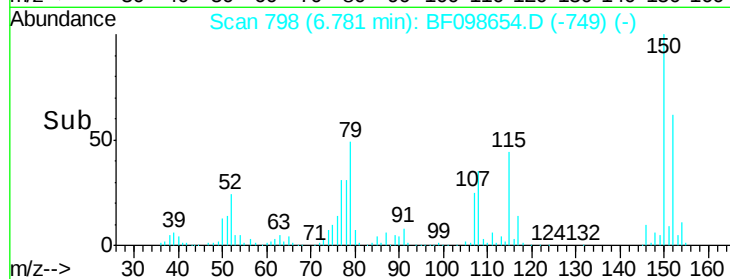
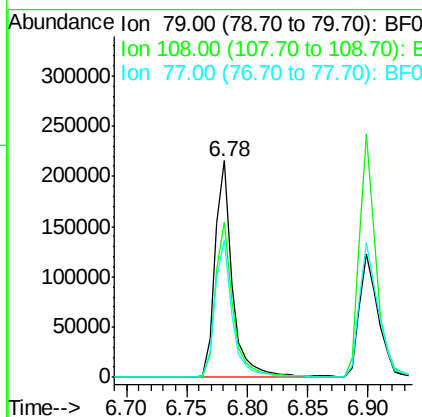
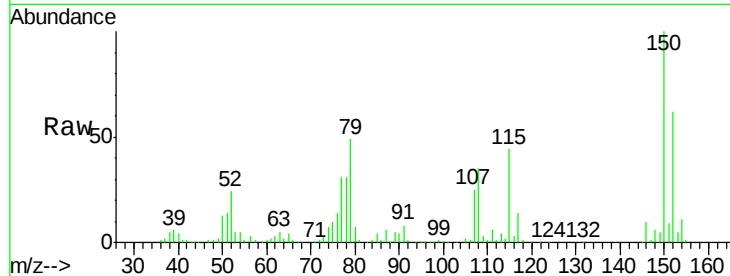




#15
Benzyl Alcohol
Concen: 43.01 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

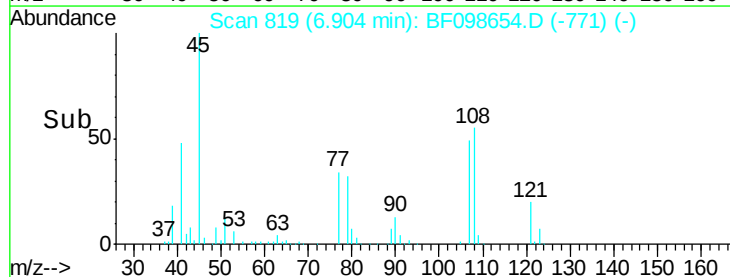
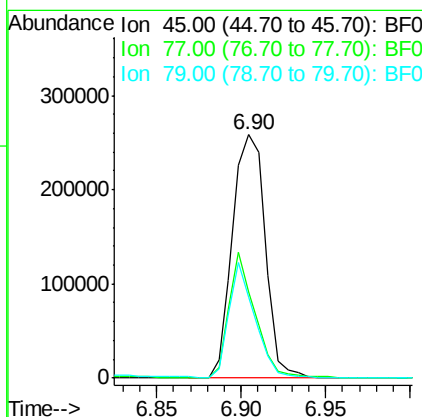
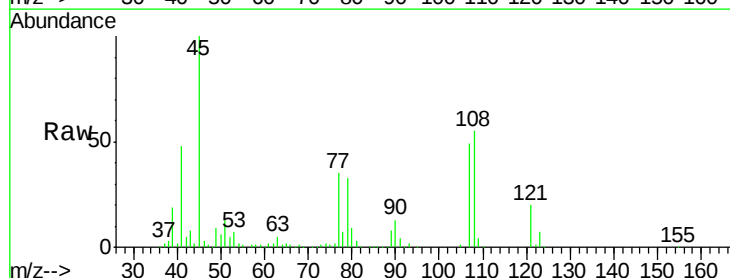
Instrument :
BNA_F
ClientSampleId :

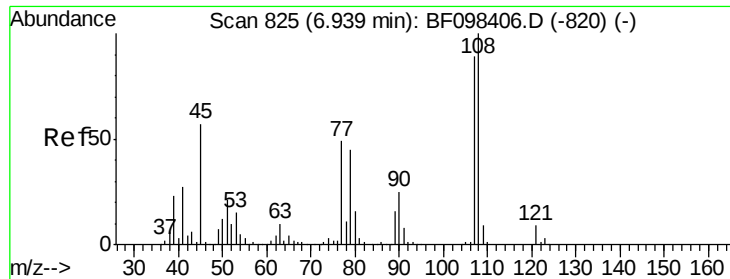
Tot Ion: 79 Resp: 212073
Ion Ratio Lower Upper
79 100
108 71.8 63.4 95.0
77 63.6 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 32.78 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion: 45 Resp: 349956
Ion Ratio Lower Upper
45 100
77 35.2 0.0 33.2#
79 33.1 0.0 30.0#





#17

2-Methylphenol

Concen: 38.18 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 199726

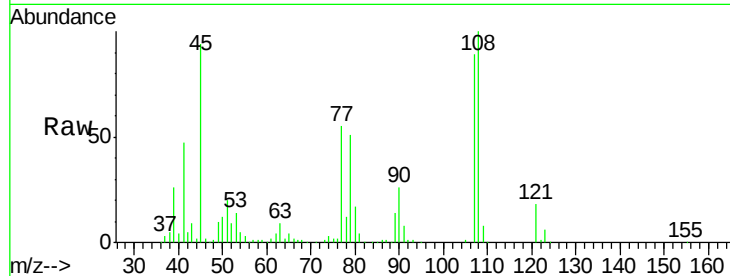
Ion Ratio Lower Upper

107 100

108 111.9 93.4 140.0

77 61.9 35.8 53.6#

79 56.7 34.8 52.2#

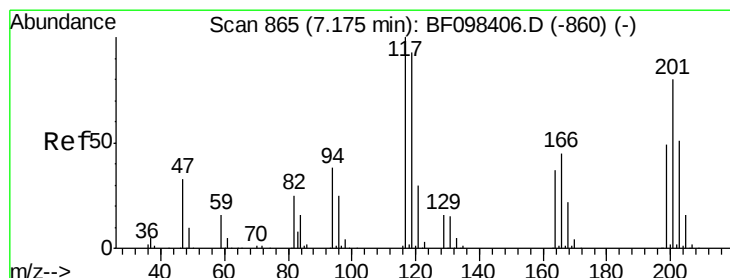
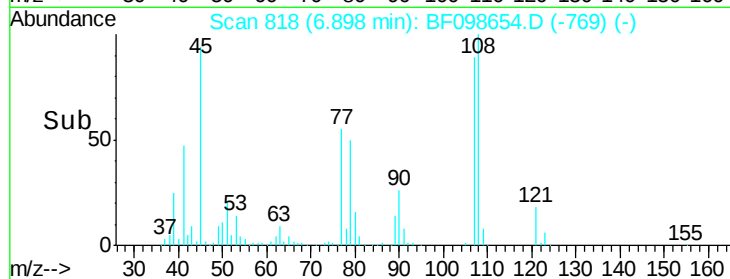
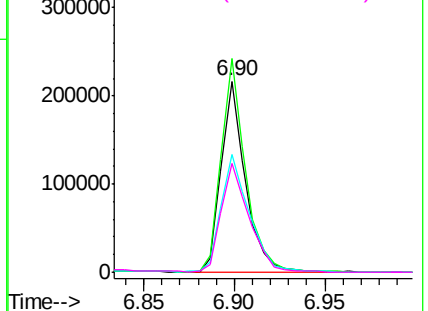


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.61 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

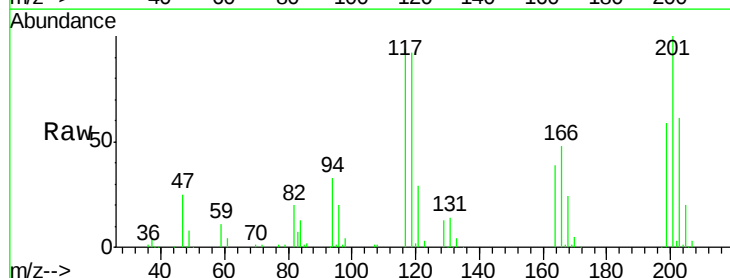
Tgt Ion:117 Resp: 100334

Ion Ratio Lower Upper

117 100

119 97.2 77.4 116.0

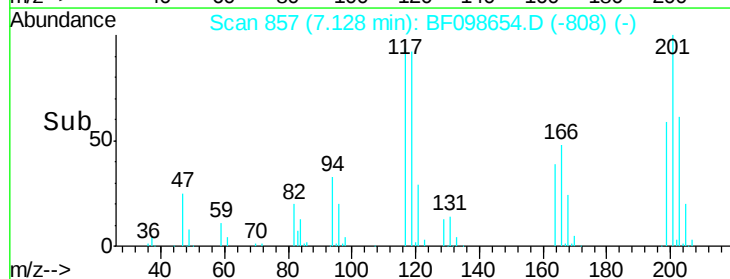
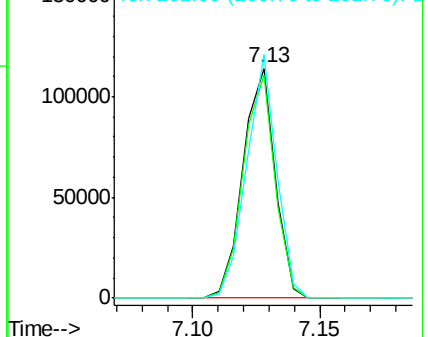
201 106.1 94.6 141.8

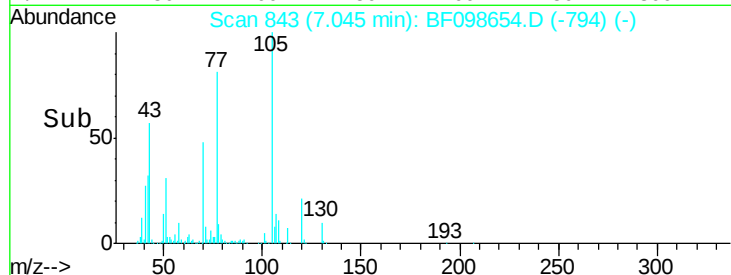
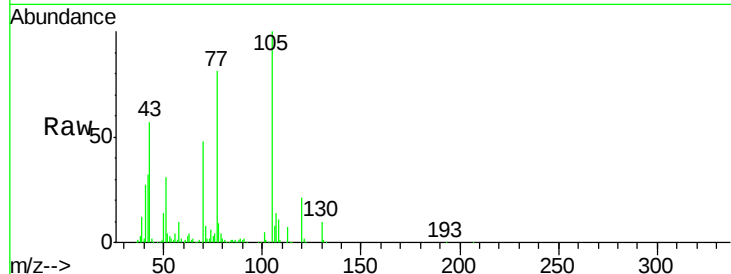
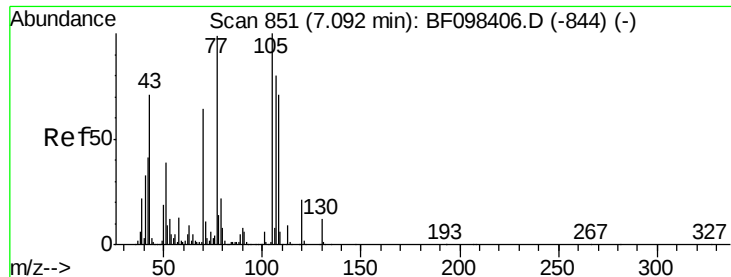


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

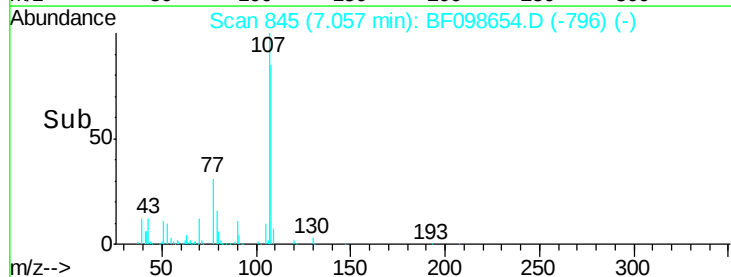
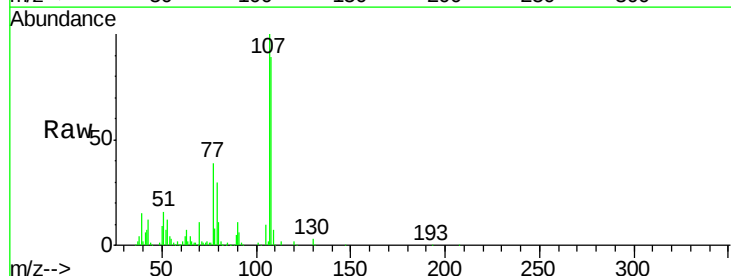
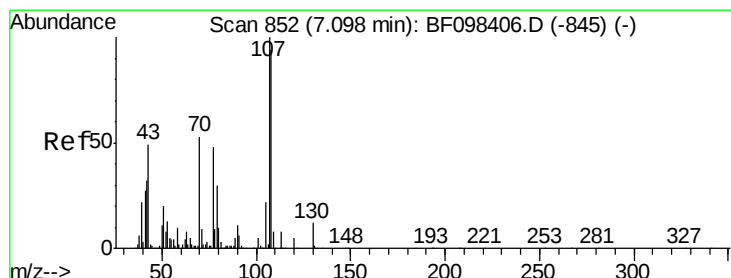
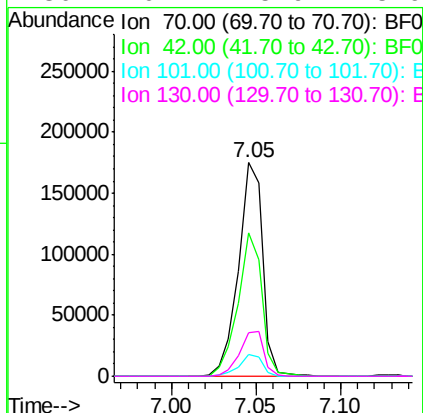




#19
n-Nitroso-di-n-propylamine
Concen: 37.48 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

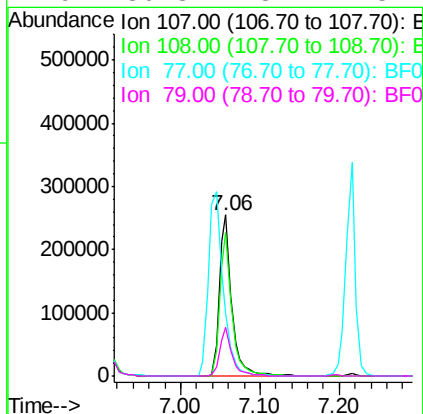
Instrument :
BNA_F
ClientSampleId :

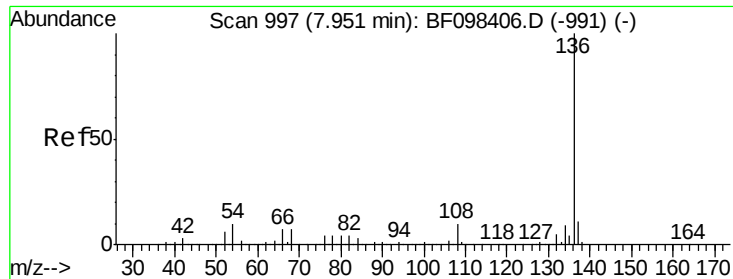
Tot Ion:	70	Resp:	174635
Ion	Ratio	Lower	Upper
70	100		
42	66.9	47.2	70.8
101	10.5	7.2	10.8
130	20.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.77 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion:	107	Resp:	275749
Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.0	111.0
77	39.4	90.5	130.5#
79	30.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF098654.D

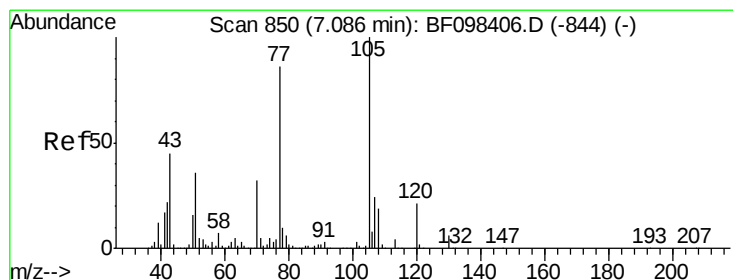
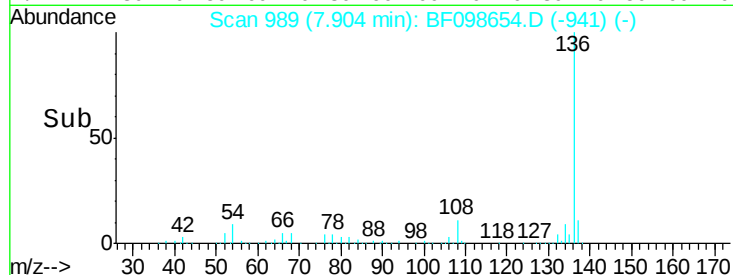
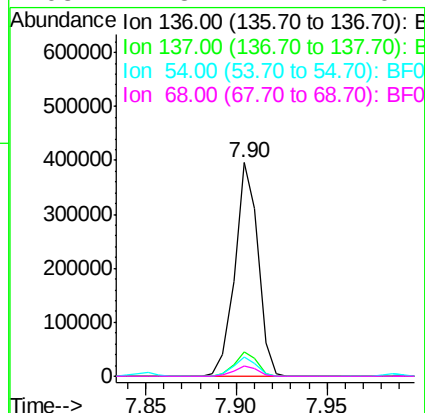
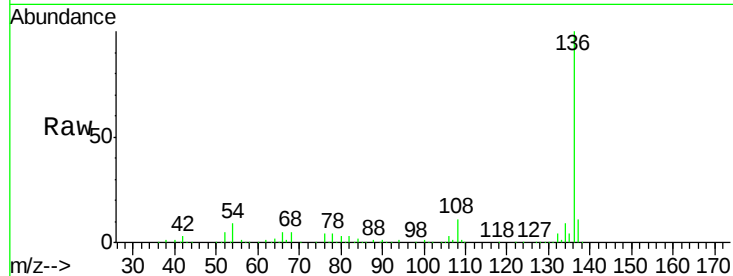
Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	351310
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	8.9	4.9 7.3#
68	4.8	4.1 6.1



#22

Acetophenone

Concen: 41.79 ng

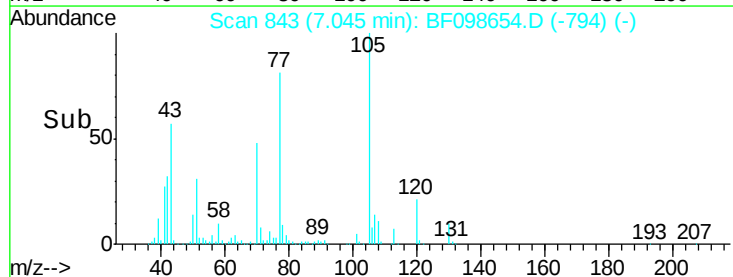
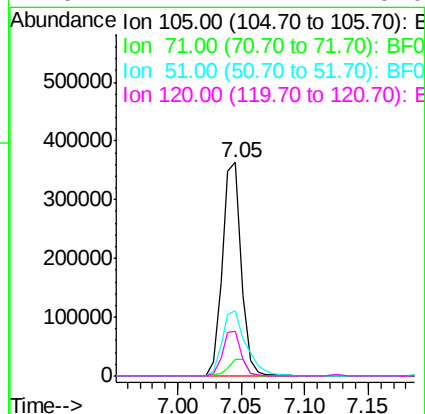
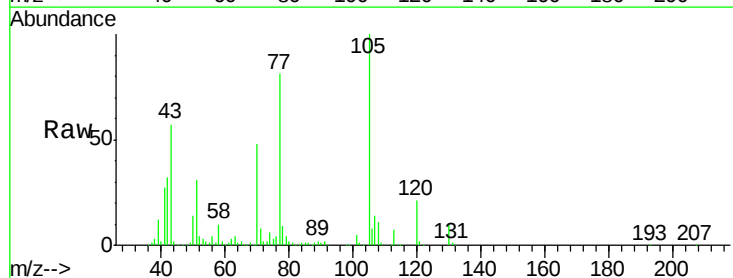
RT: 7.05 min Scan# 843

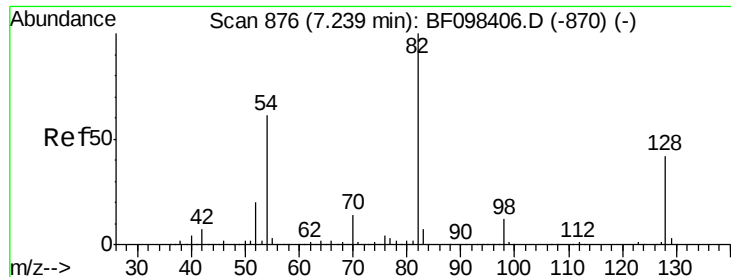
Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Tgt Ion:105	Resp:	379455
Ion Ratio	Lower	Upper
105	100	
71	7.7	2.8 4.2#
51	30.8	30.7 46.1
120	21.2	17.4 26.0

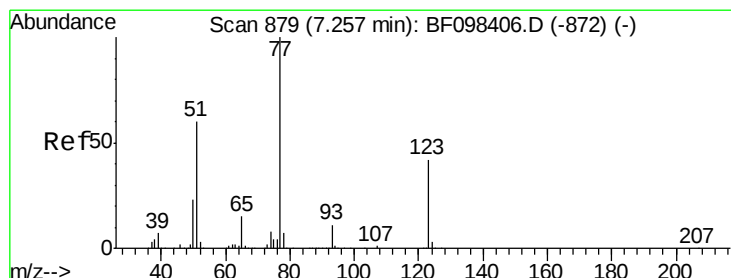
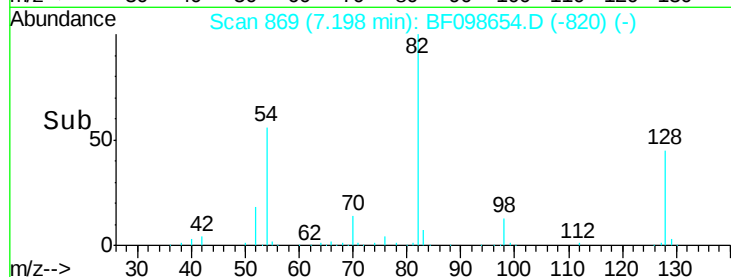
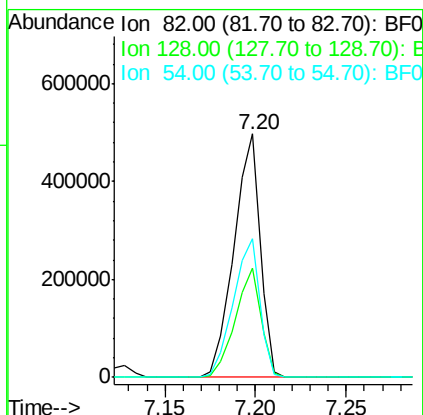
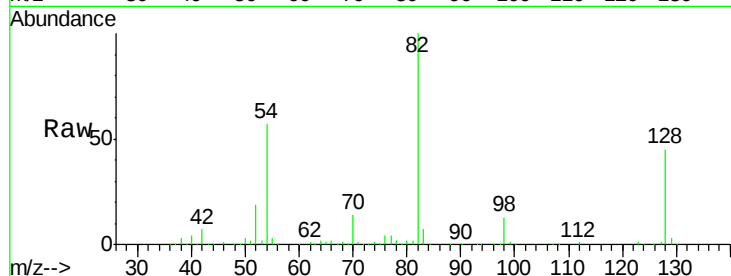




#23
Nitrobenzene-d5
Concen: 79.63 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

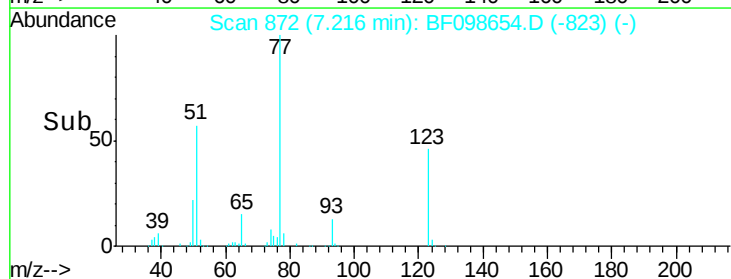
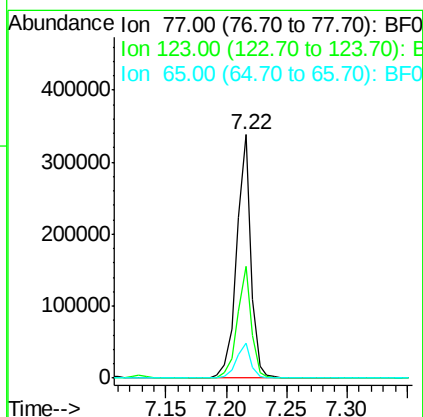
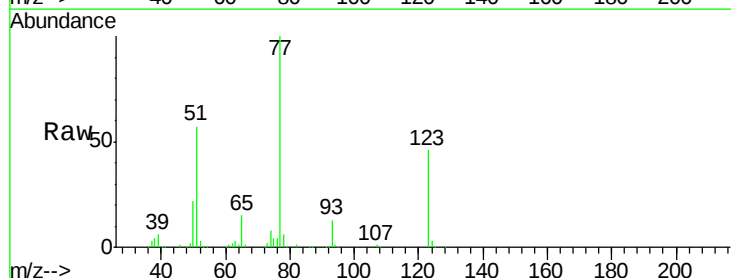
Instrument :
BNA_F
ClientSampleId :

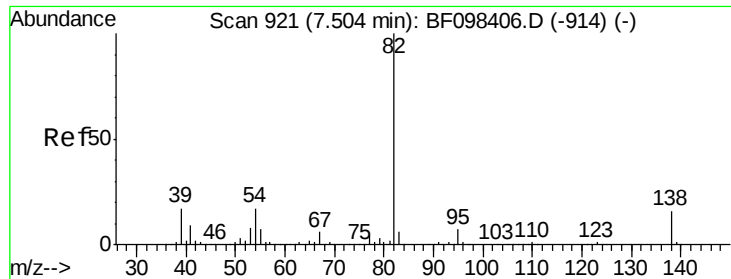
Tot Ion: 82 Resp: 501786
Ion Ratio Lower Upper
82 100
128 45.0 34.0 51.0
54 56.7 42.2 63.2



#24
Nitrobenzene
Concen: 38.91 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion: 77 Resp: 279278
Ion Ratio Lower Upper
77 100
123 45.8 35.8 53.8
65 14.6 10.6 15.8

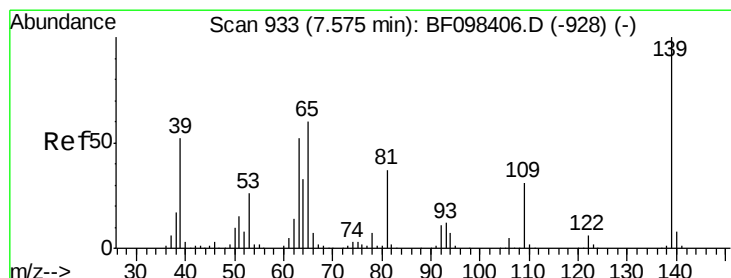
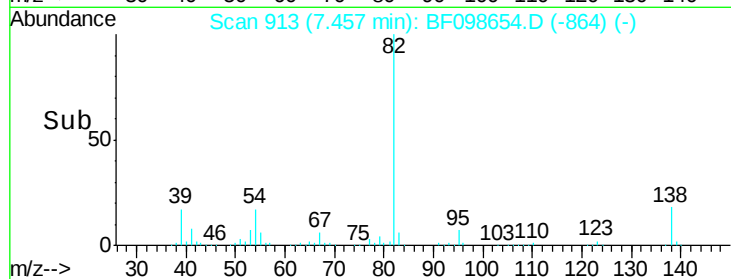
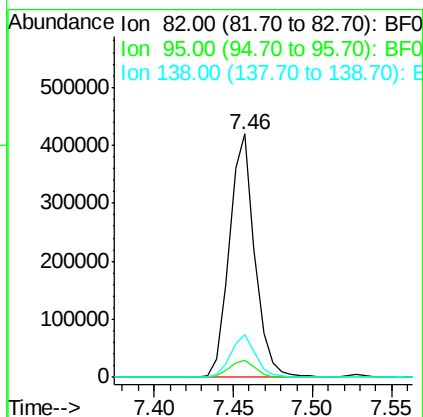
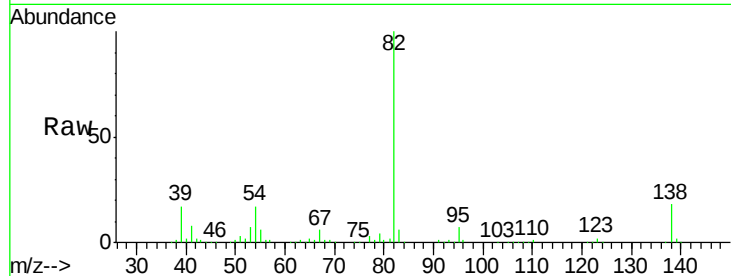




#25
Isophorone
Concen: 36.42 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

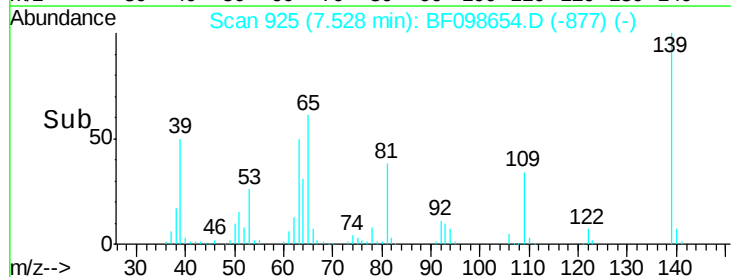
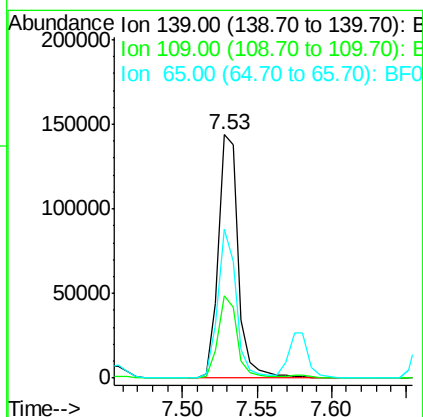
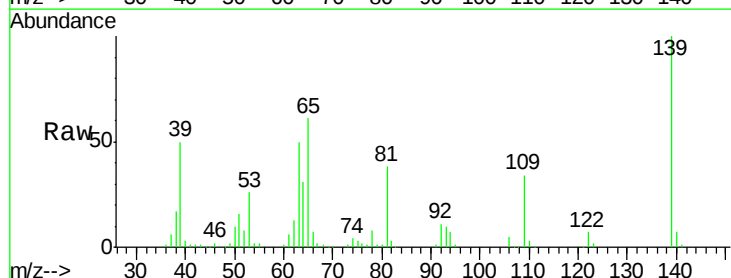
Instrument :
BNA_F
ClientSampleId :

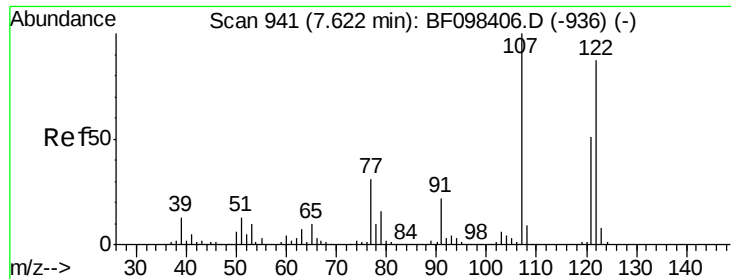
Tot Ion: 82 Resp: 464382
Ion Ratio Lower Upper
82 100
95 7.2 5.3 7.9
138 17.6 13.1 19.7



#26
2-Nitrophenol
Concen: 47.12 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion: 139 Resp: 136550
Ion Ratio Lower Upper
139 100
109 33.9 21.0 31.6#
65 61.0 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 39.87 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampleId :

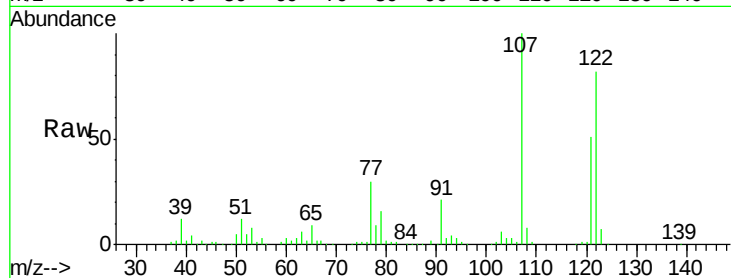
Tot Ion:122 Resp: 220245

Ion Ratio Lower Upper

122 100

107 121.9 89.2 133.8

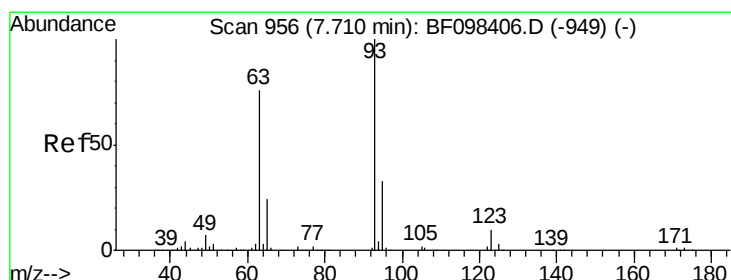
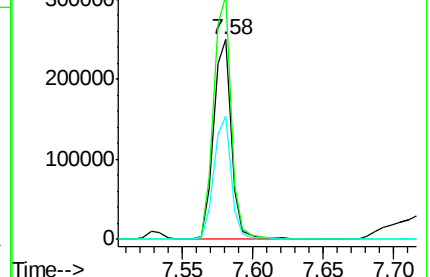
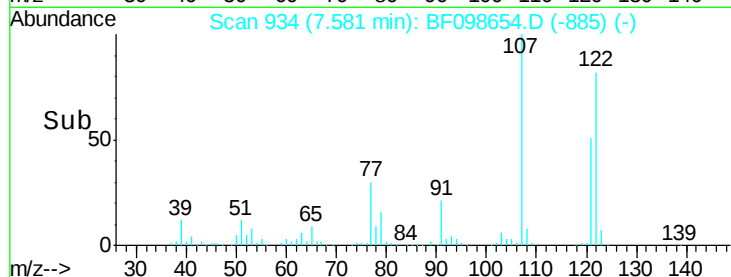
121 61.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.12 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

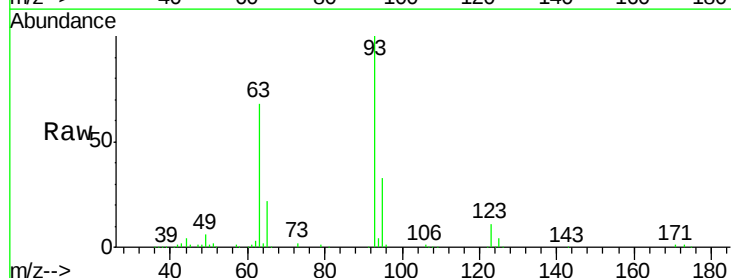
Tgt Ion: 93 Resp: 288783

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

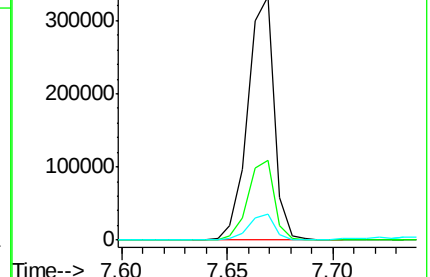
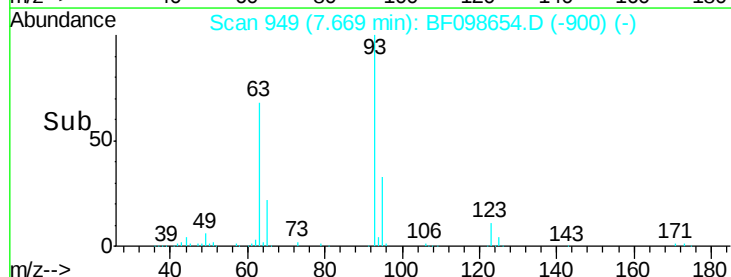
123 10.9 9.0 13.4

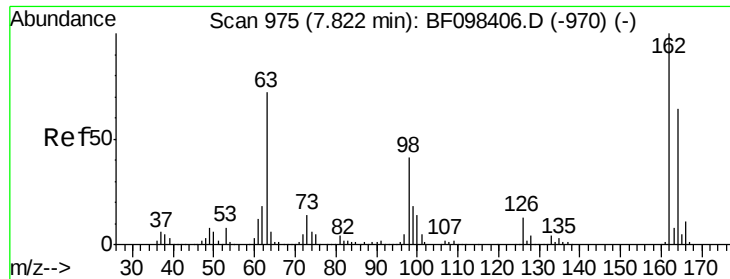


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

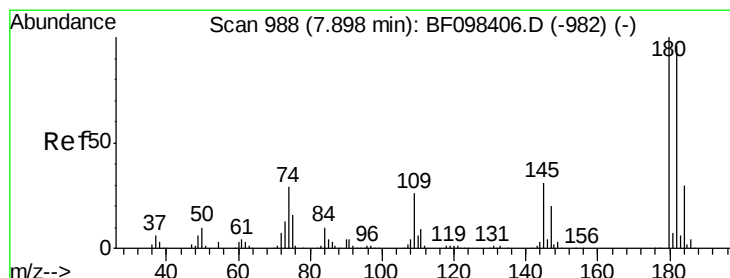
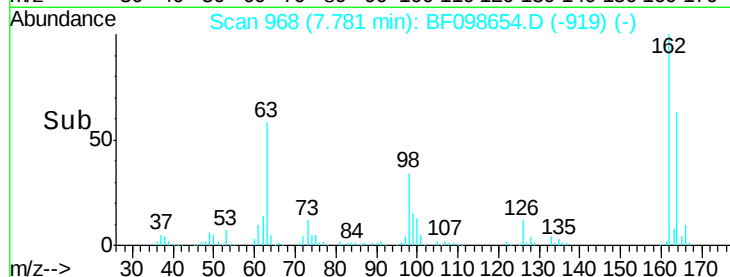
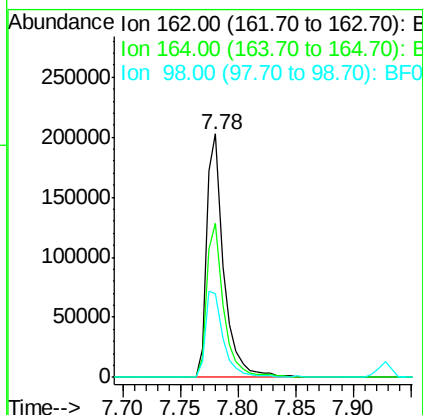
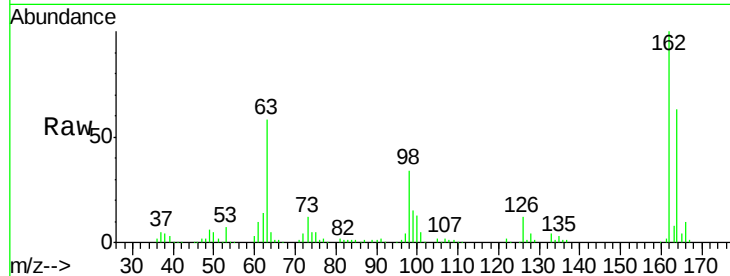




#29
 2,4-Dichlorophenol
 Concen: 45.45 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

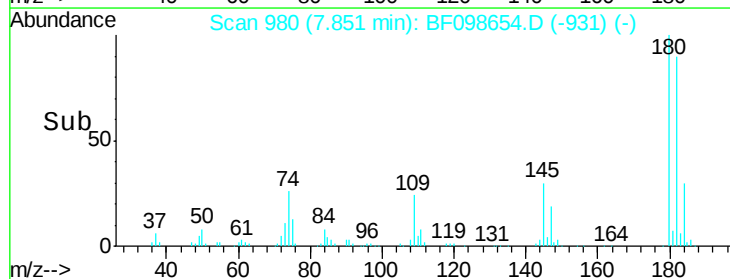
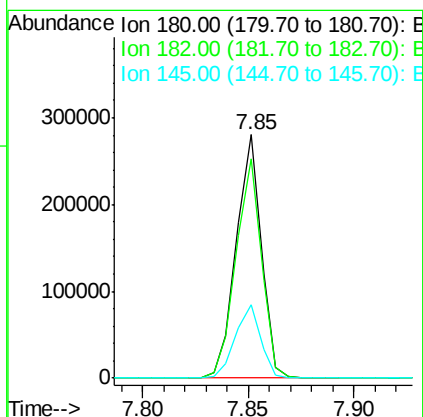
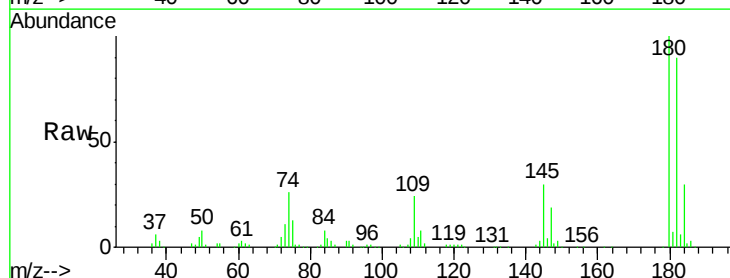
Instrument :
 BNA_F
 ClientSampleId :

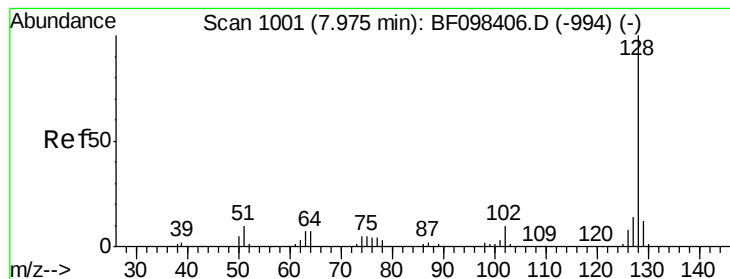
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	34.2	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 45.81 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.3	75.8	113.6
145	30.2	25.3	37.9





#31

Naphthalene

Concen: 41.76 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampleId :

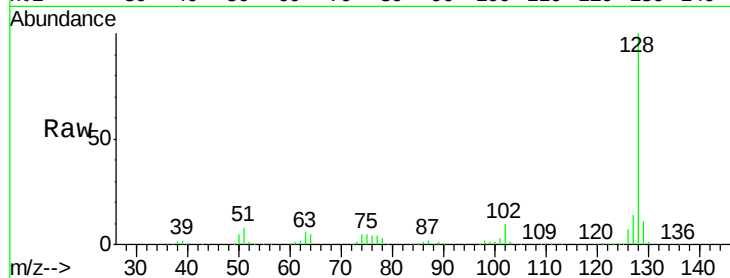
Tot Ion:128 Resp: 725248

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

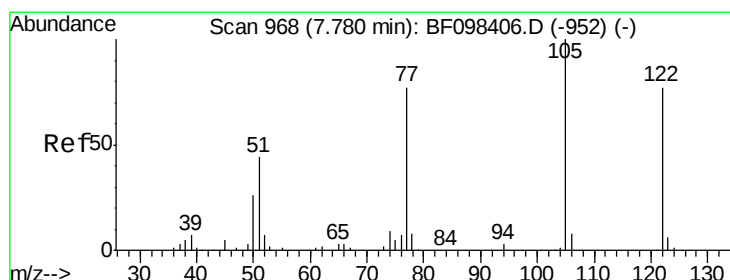
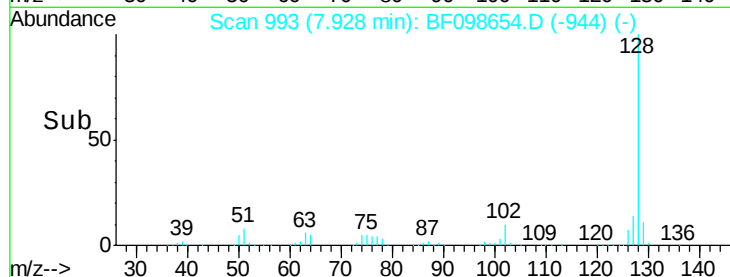
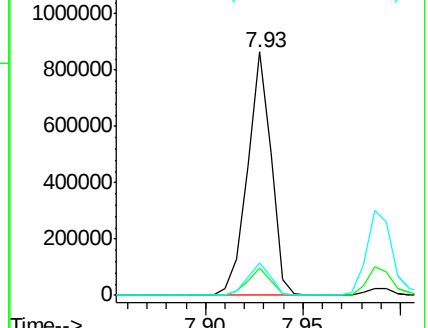
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.96 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

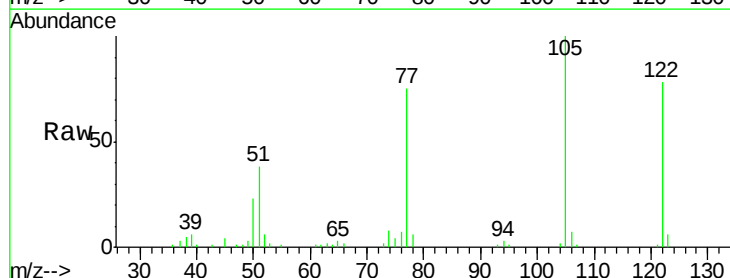
Tgt Ion:122 Resp: 137717

Ion Ratio Lower Upper

122 100

105 128.4 103.3 143.3

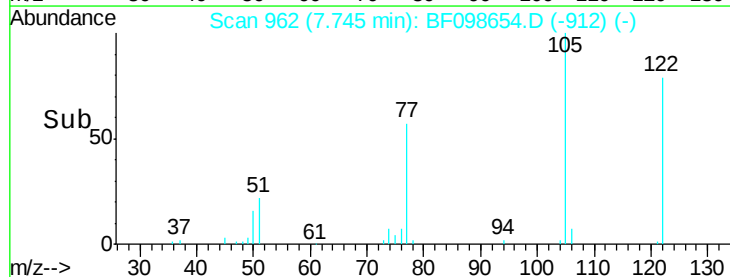
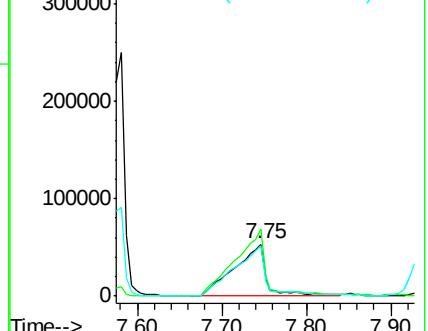
77 96.5 73.7 113.7

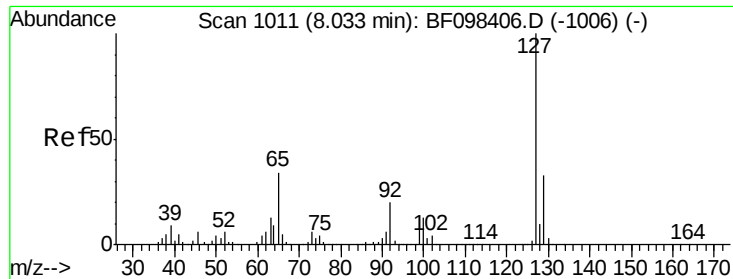


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

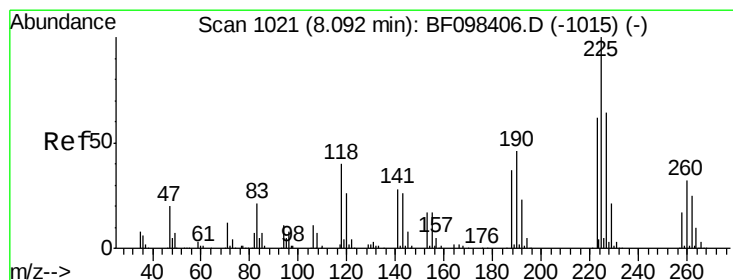
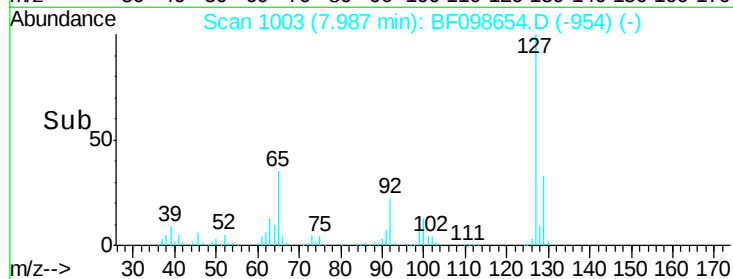
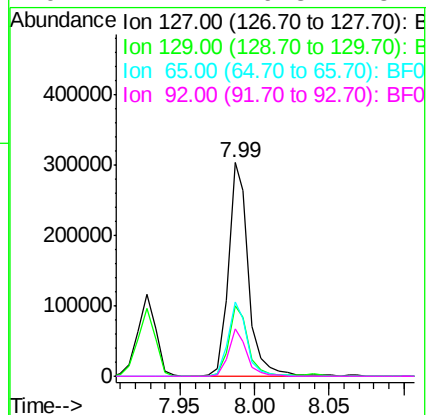
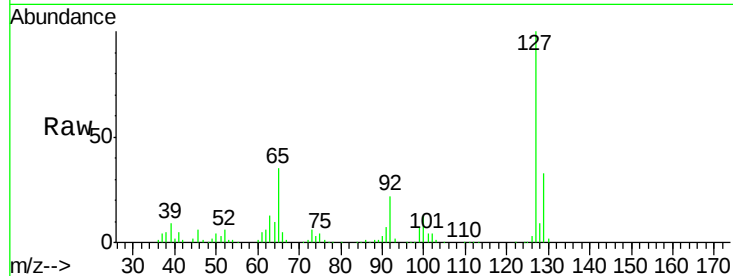




#33
4-Chloroaniline
Concen: 40.28 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

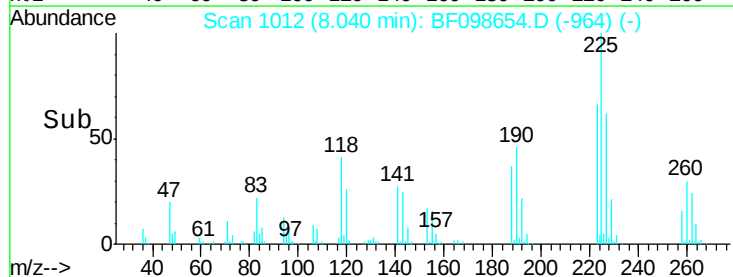
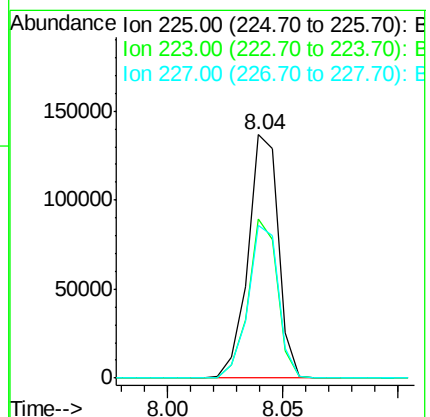
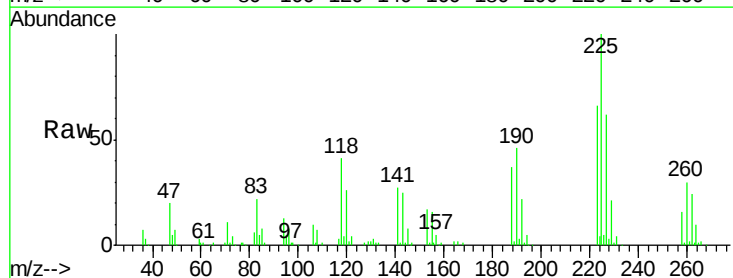
Instrument :
BNA_F
ClientSampled :

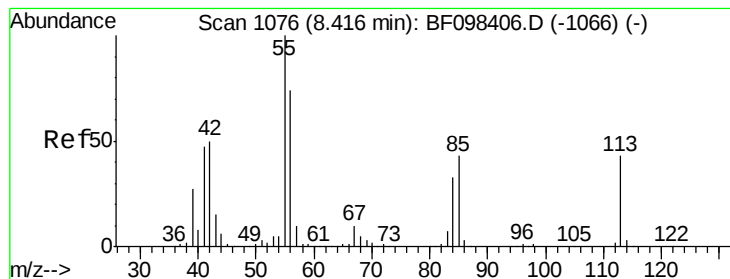
Tot Ion:	127	Resp:	284320
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	35.0	27.8	41.8
92	22.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 48.95 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion:	225	Resp:	125604
Ion	Ratio	Lower	Upper
225	100		
223	65.6	48.8	73.2
227	62.5	51.1	76.7





#35

Caprolactam

Concen: 25.24 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampleId :

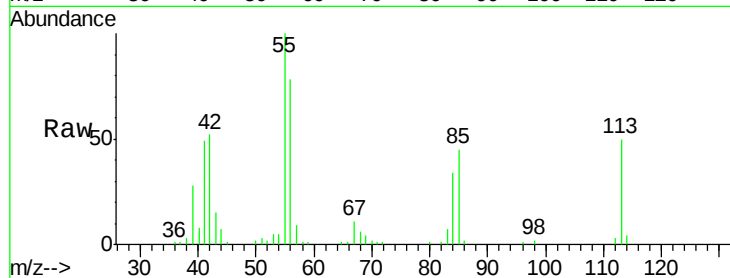
Tot Ion:113 Resp: 39991

Ion Ratio Lower Upper

113 100

55 200.0 150.2 190.2#

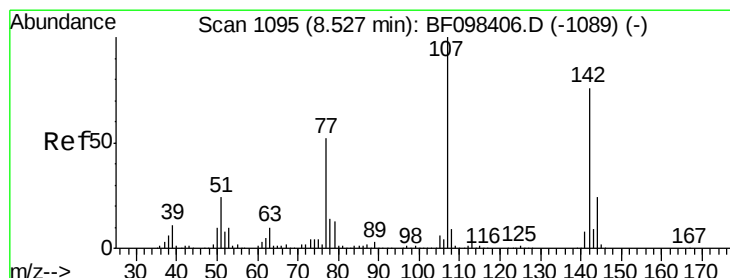
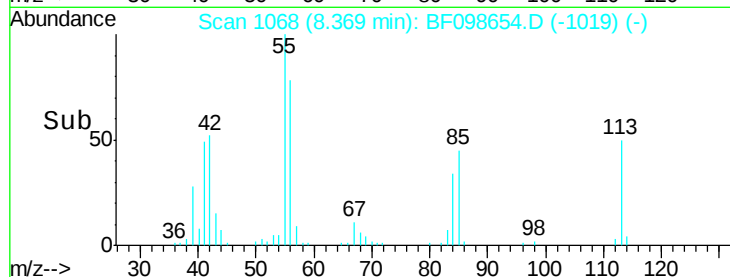
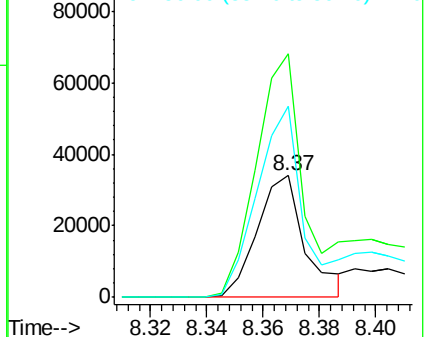
56 156.8 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.04 ng

RT: 8.49 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

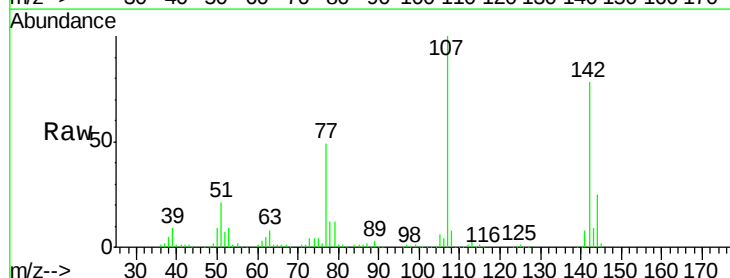
Tgt Ion:107 Resp: 239586

Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

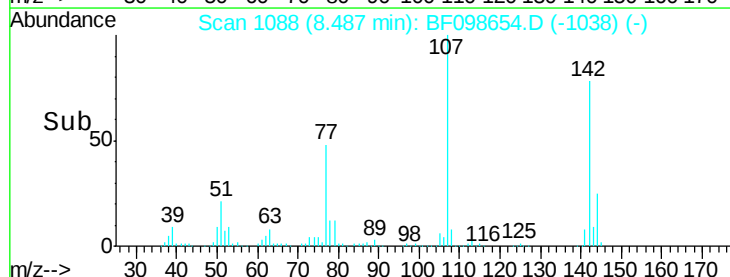
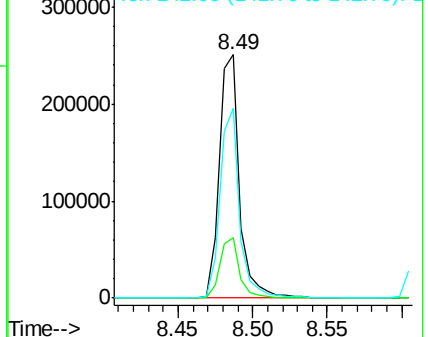
142 78.2 73.4 110.0

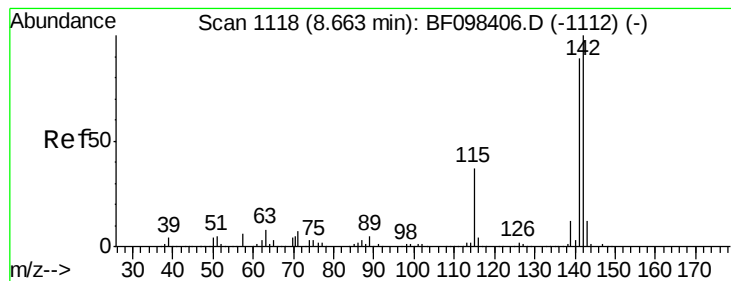


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.69 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampleId :

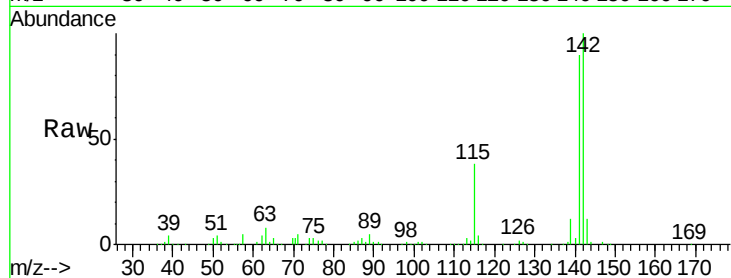
Tot Ion:142 Resp: 449063

Ion Ratio Lower Upper

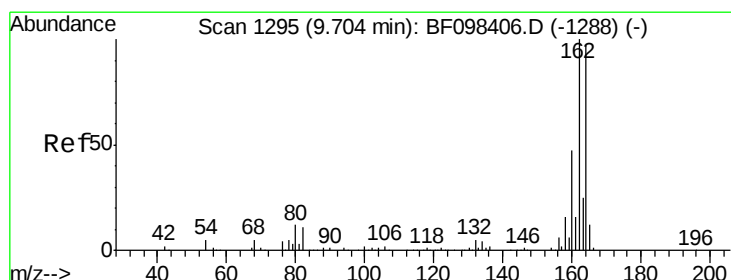
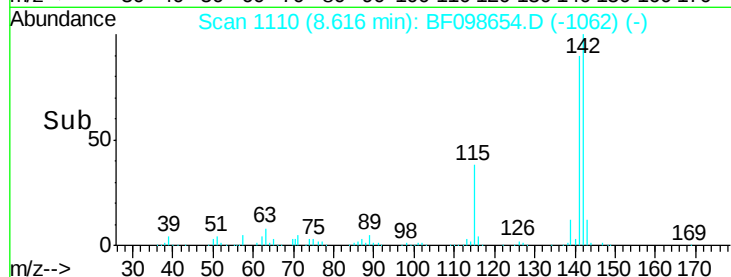
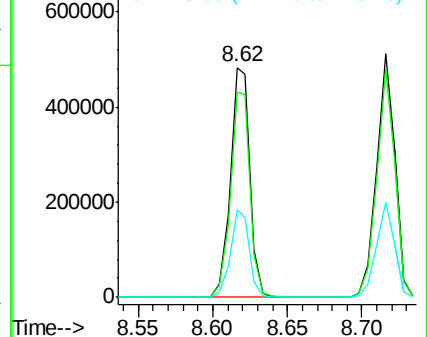
142 100

141 89.6 71.3 106.9

115 38.3 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

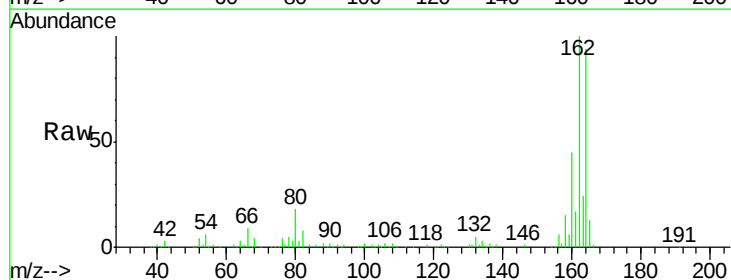
Tgt Ion:164 Resp: 161733

Ion Ratio Lower Upper

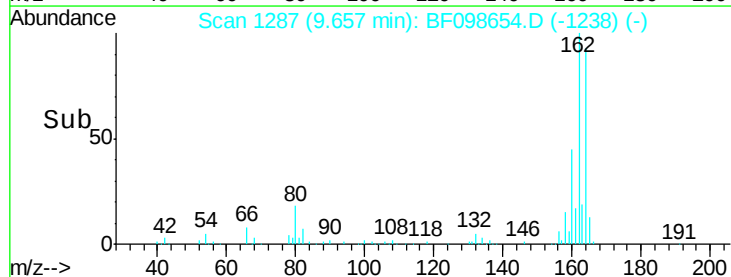
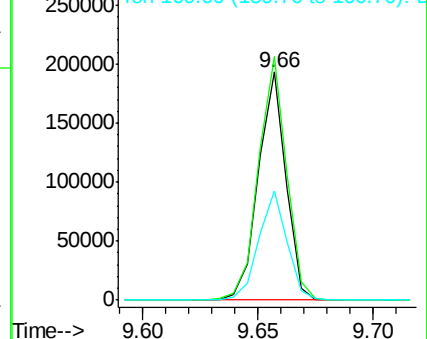
164 100

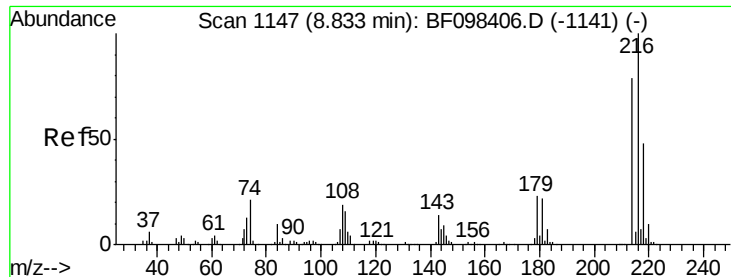
162 106.8 82.6 123.8

160 47.7 36.2 54.2



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

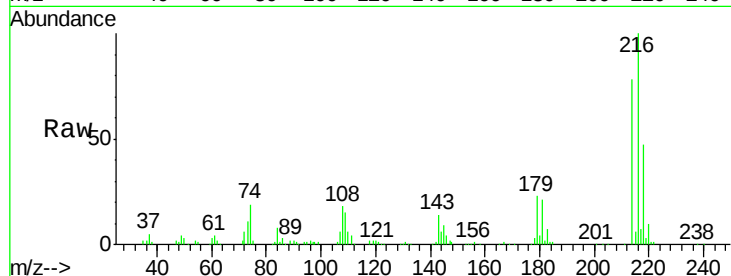




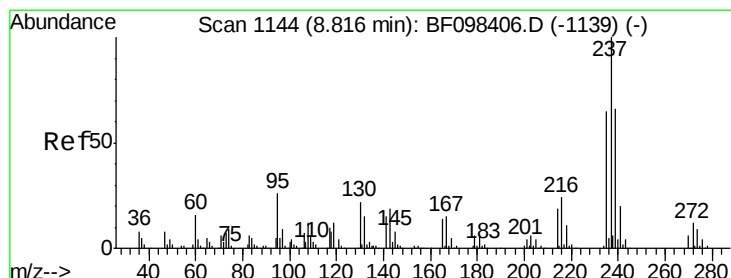
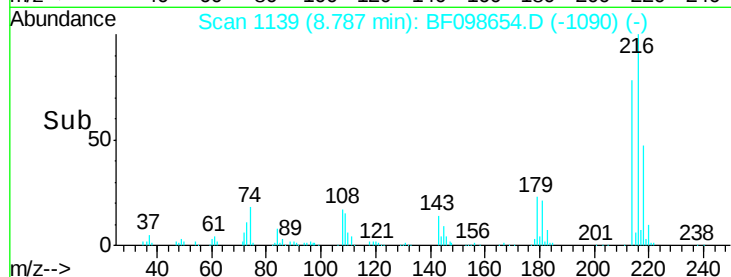
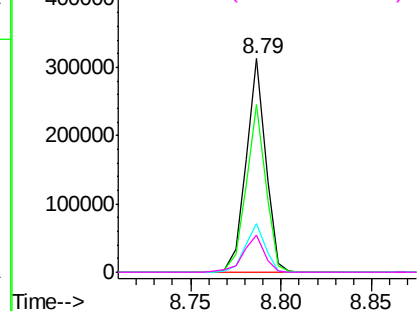
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.72 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	235388
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.4	95.2
179	22.9	17.9	26.9
108	18.6	16.5	24.7

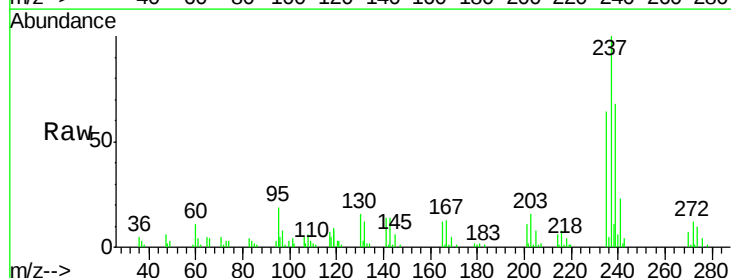


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

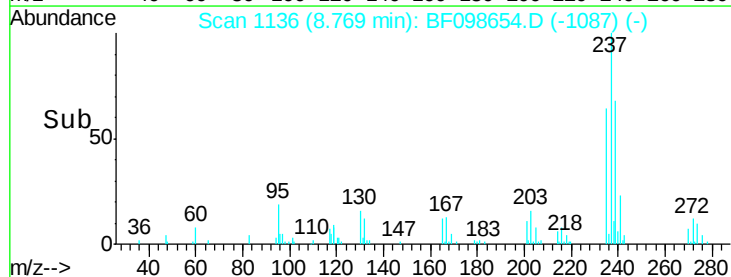
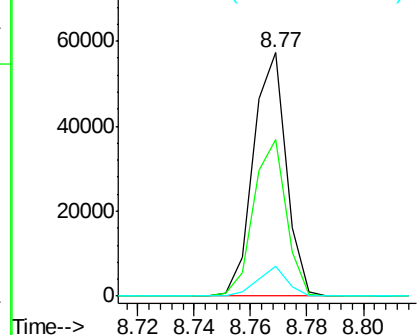


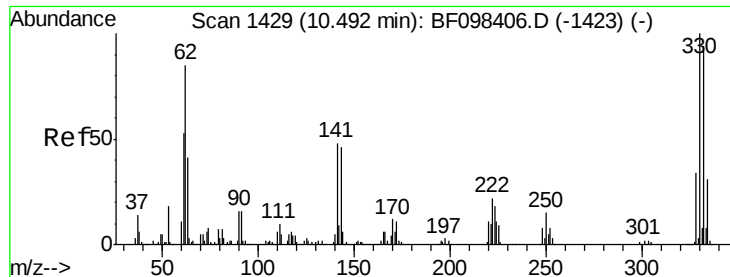
#40
 Hexachlorocyclopentadiene
 Concen: 37.26 ng
 RT: 8.77 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

Tgt Ion:	237	Resp:	46140
Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.6	82.6
272	12.5	0.0	31.9



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

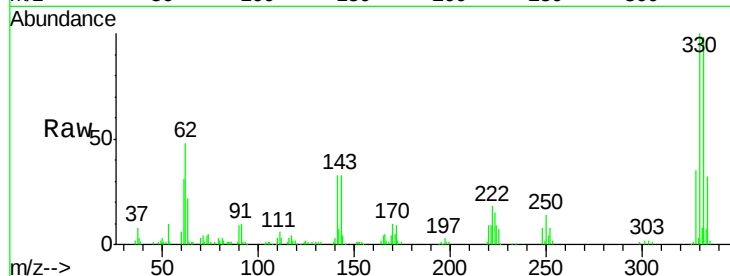




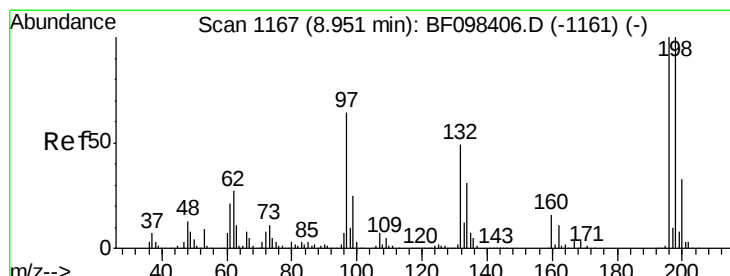
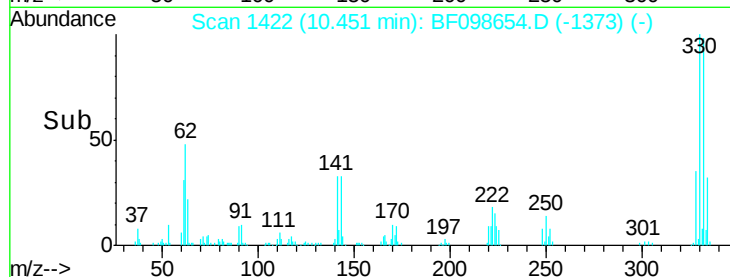
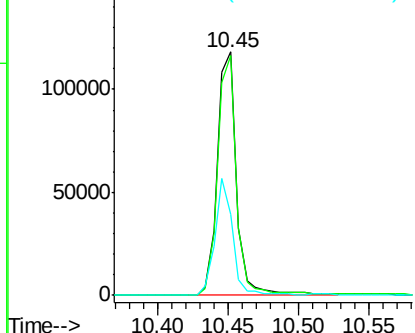
#41
 2,4,6-Tribromophenol
 Concen: 104.20 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 112480
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 44.1 31.4 47.2

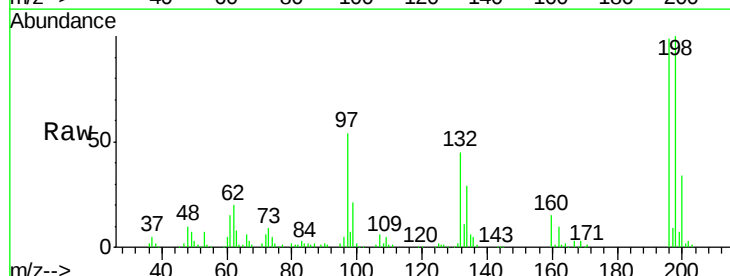


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

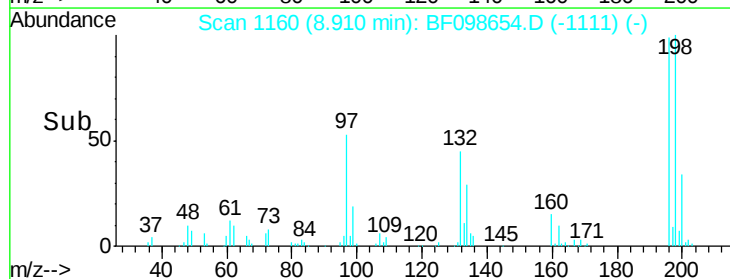
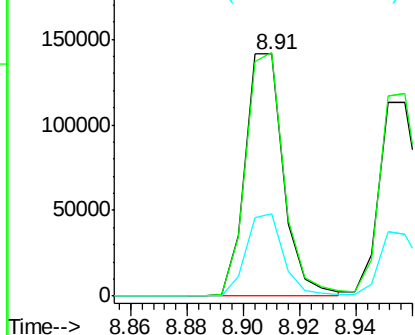


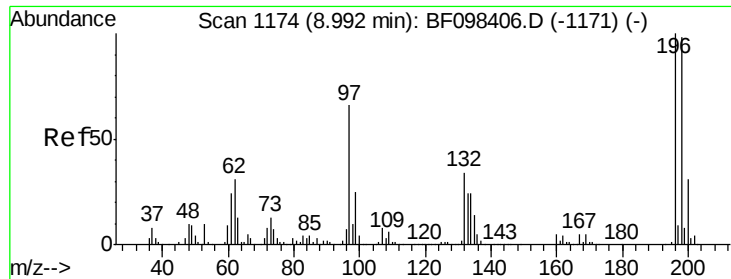
#42
 2,4,6-Trichlorophenol
 Concen: 45.16 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

Tgt Ion:196 Resp: 133638
 Ion Ratio Lower Upper
 196 100
 198 100.6 74.2 111.4
 200 33.9 24.0 36.0



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

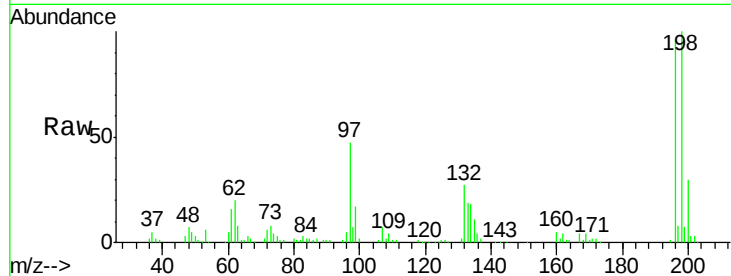




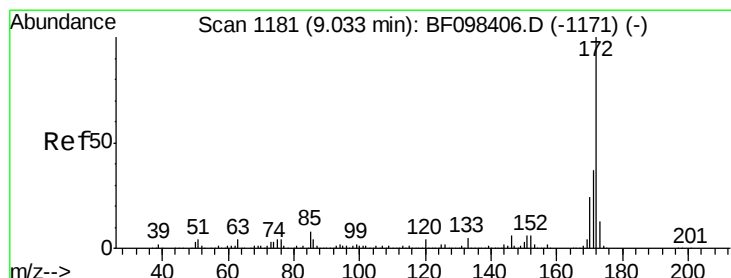
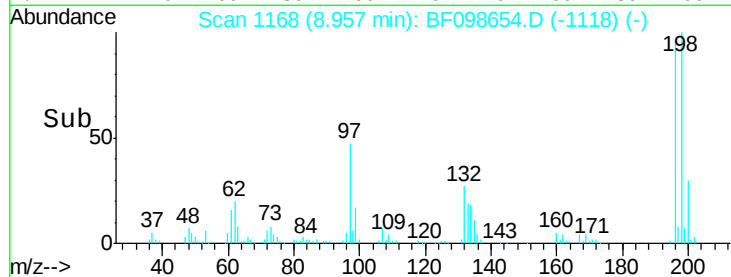
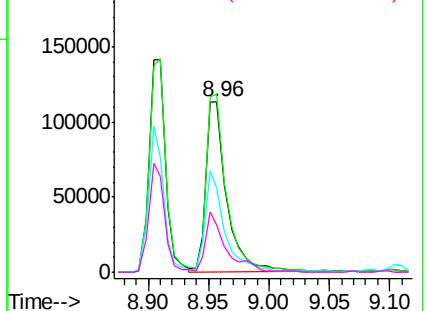
#43
 2,4,5-Trichlorophenol
 Concen: 44.06 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	136281
Ion Ratio	Lower	Upper
196	100	
198	104.1	75.7 113.5
97	49.3	47.7 71.5
132	28.1	28.0 42.0

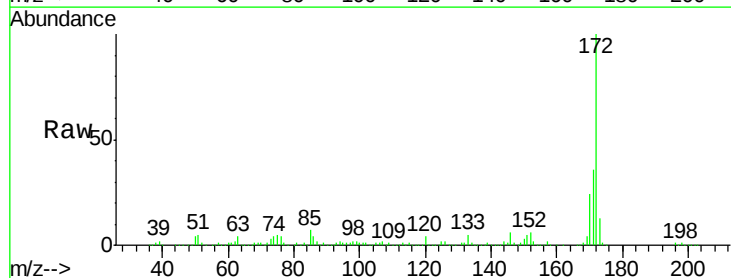


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

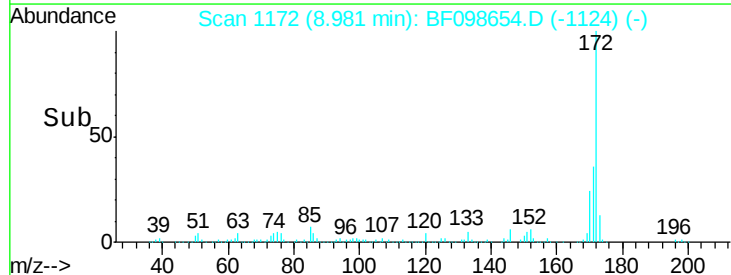
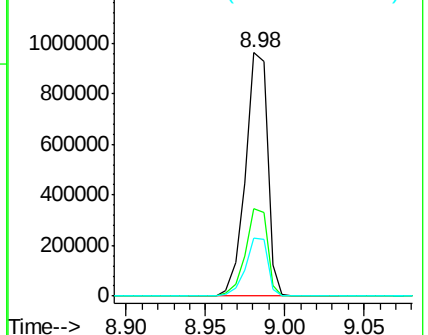


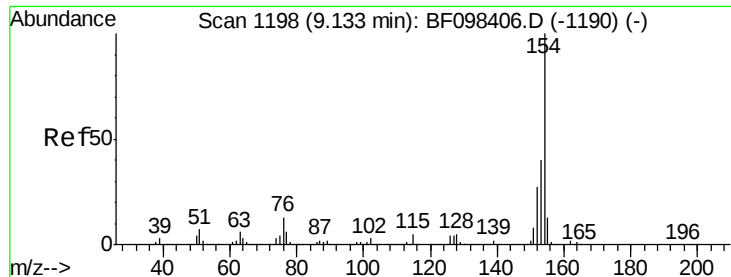
#44
 2-Fluorobiphenyl
 Concen: 97.30 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

Tgt Ion:172	Resp:	928425
Ion Ratio	Lower	Upper
172	100	
171	35.8	29.6 44.4
170	24.0	19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 43.40 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampled :

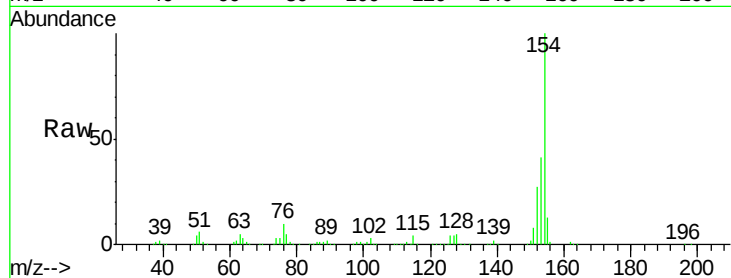
Tot Ion:154 Resp: 628235

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

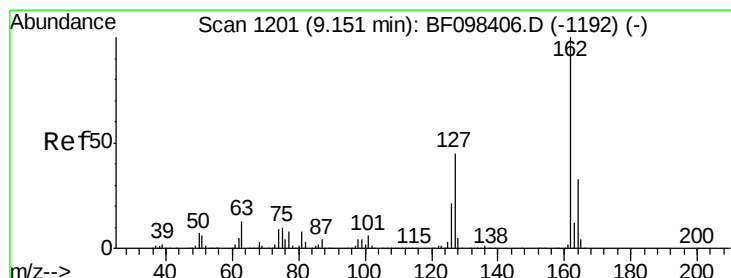
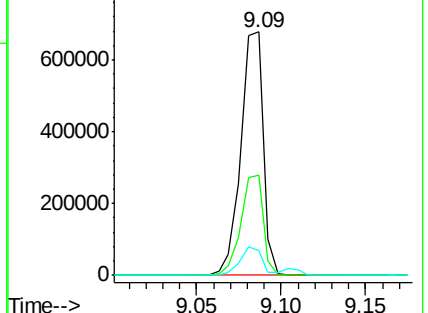
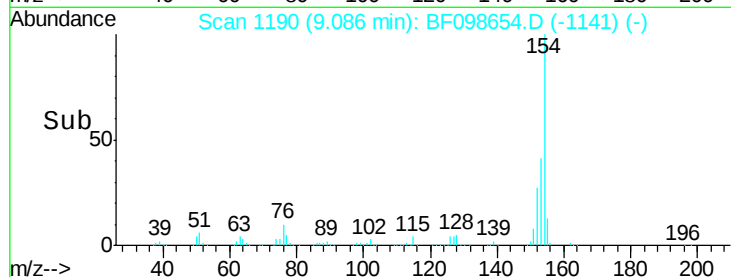
76 10.2 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.95 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

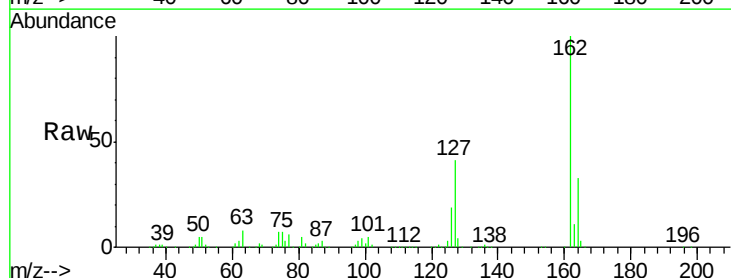
Tgt Ion:162 Resp: 443990

Ion Ratio Lower Upper

162 100

127 41.2 28.3 42.5

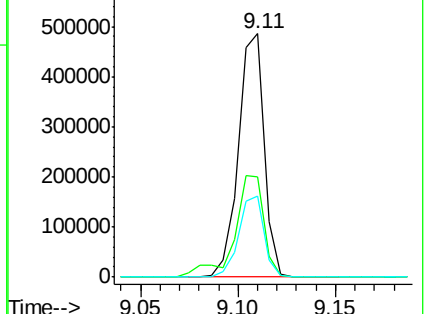
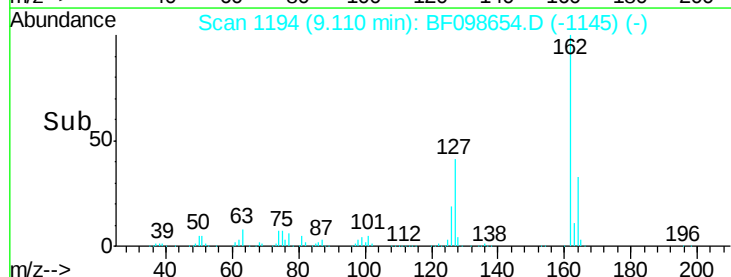
164 33.3 27.0 40.4

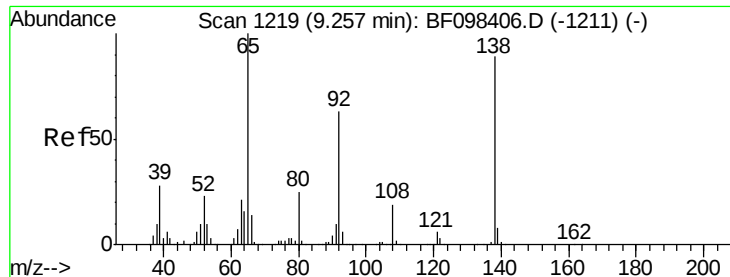


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

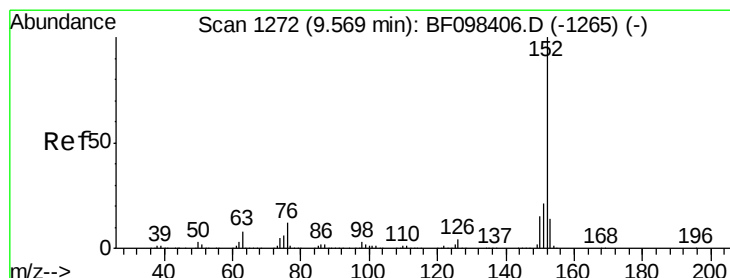
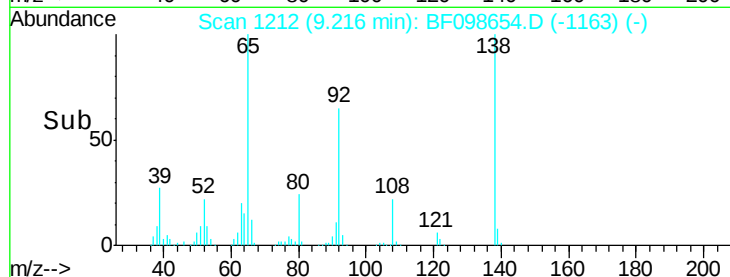
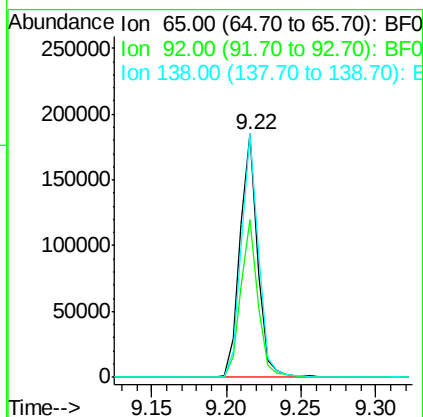
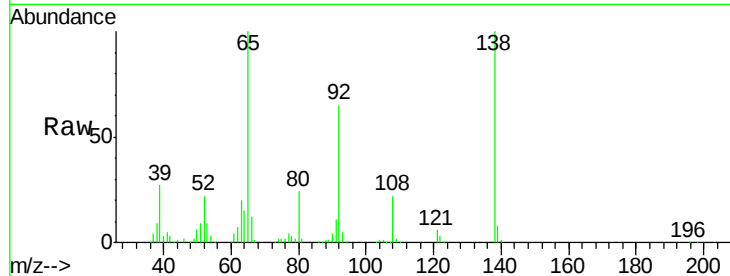




#47
2-Nitroaniline
Concen: 38.50 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

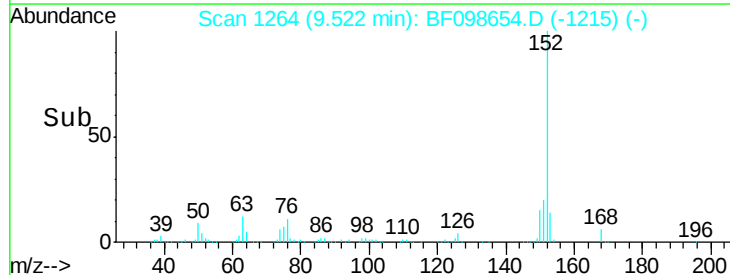
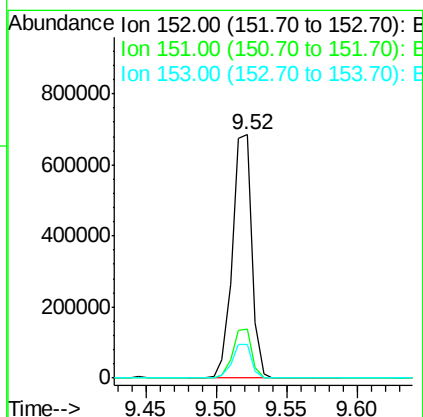
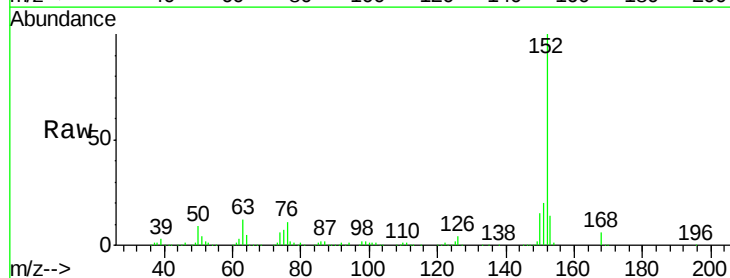
Instrument :
BNA_F
ClientSampled :

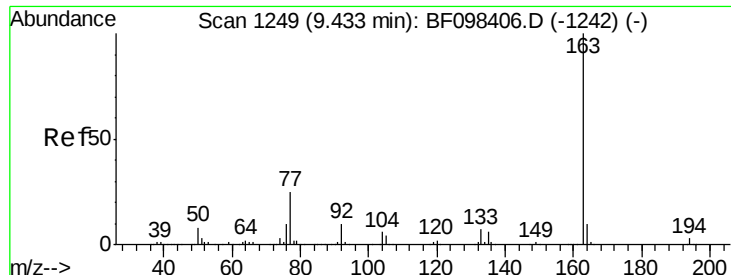
Tot Ion	65	Resp	152768
Ion Ratio	Lower	Upper	
65	100		
92	65.1	53.9	80.9
138	100.1	78.8	118.2



#48
Acenaphthylene
Concen: 42.54 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion	152	Resp	653972
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	13.7	10.8	16.2

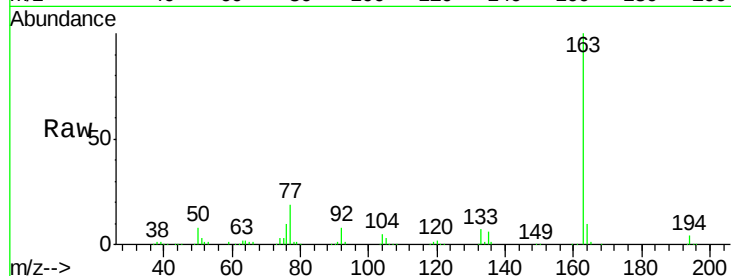




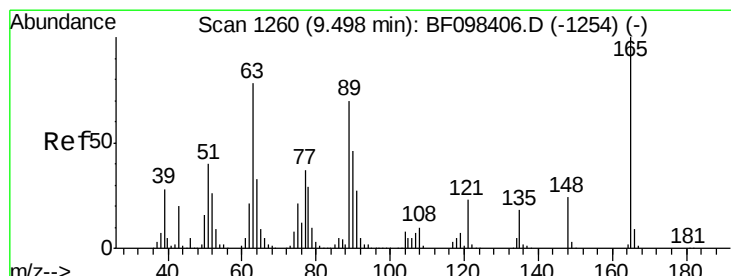
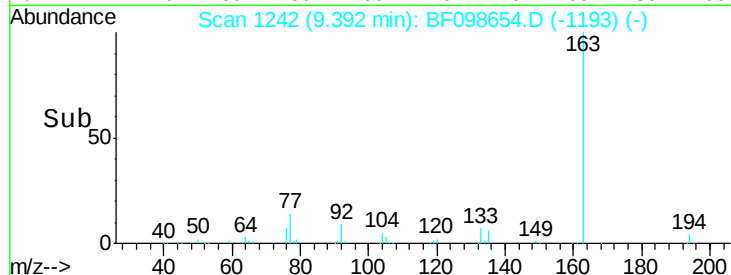
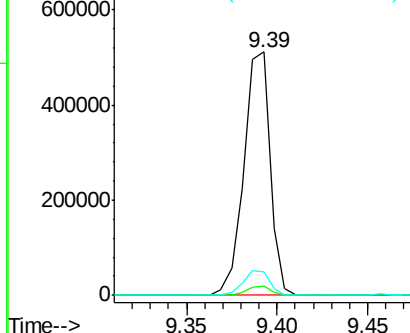
#49
Dimethylphthalate
Concen: 41.19 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 515668
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.7 8.4 12.6

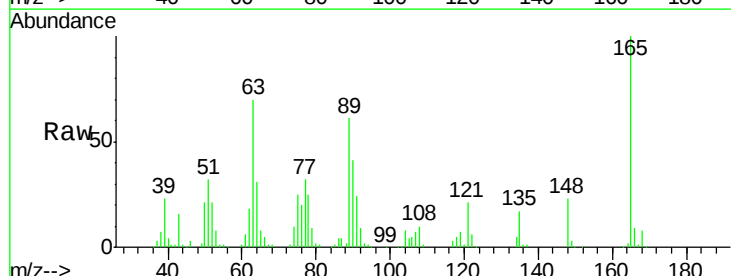


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

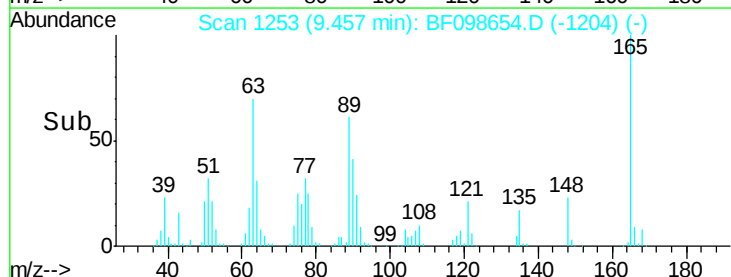
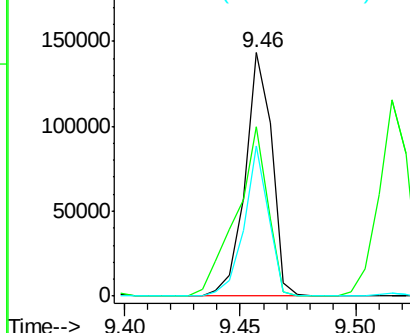


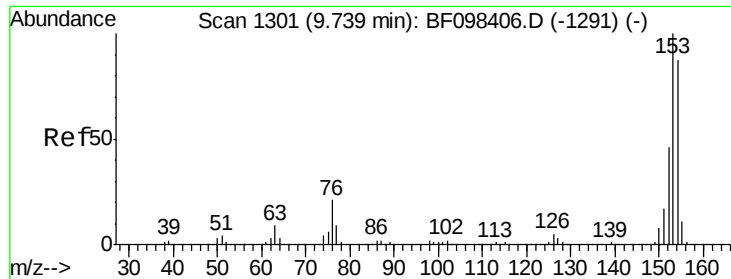
#50
2,6-Dinitrotoluene
Concen: 44.86 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion:165 Resp: 115362
Ion Ratio Lower Upper
165 100
63 69.8 34.3 51.5#
89 61.5 37.1 55.7#



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





#51

Acenaphthene

Concen: 42.38 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampleId :

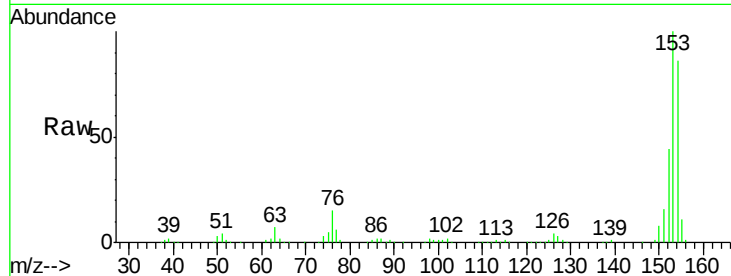
Tot Ion:154 Resp: 414095

Ion Ratio Lower Upper

154 100

153 116.1 90.5 135.7

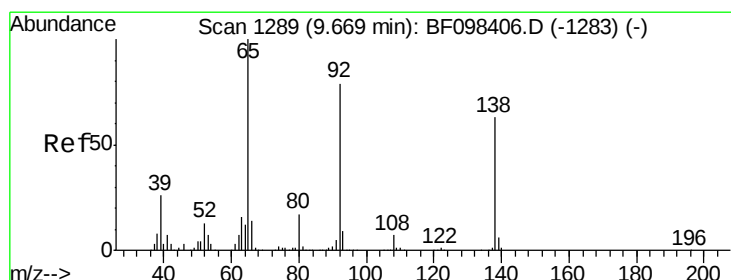
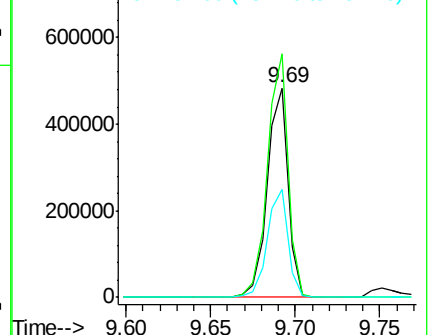
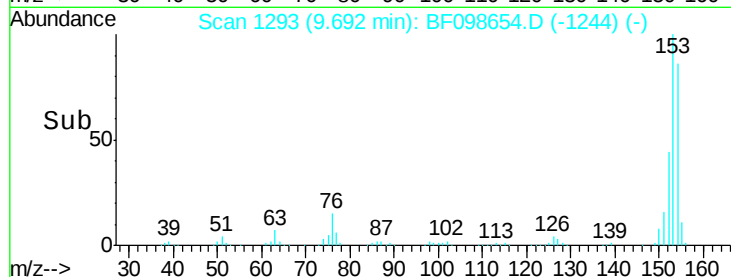
152 51.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.58 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

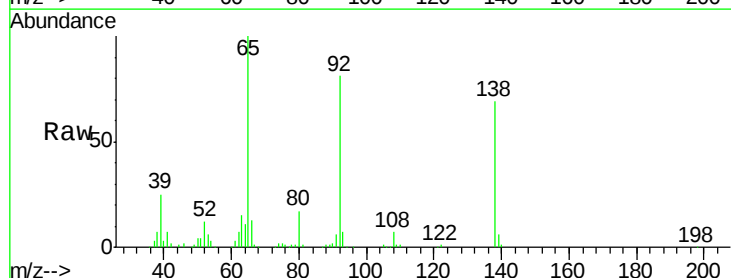
Tgt Ion:138 Resp: 125964

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

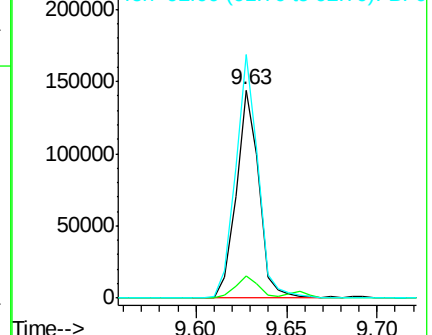
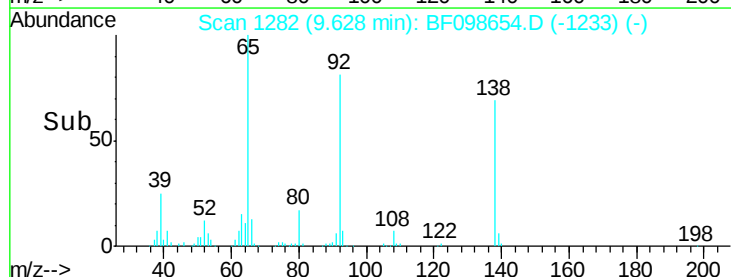
92 116.9 93.8 140.6

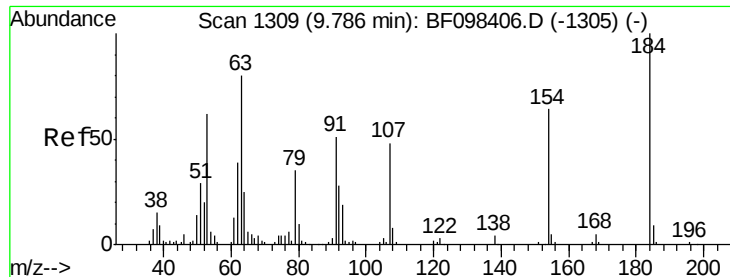


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

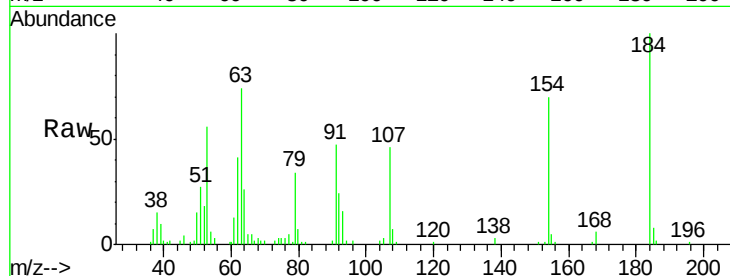




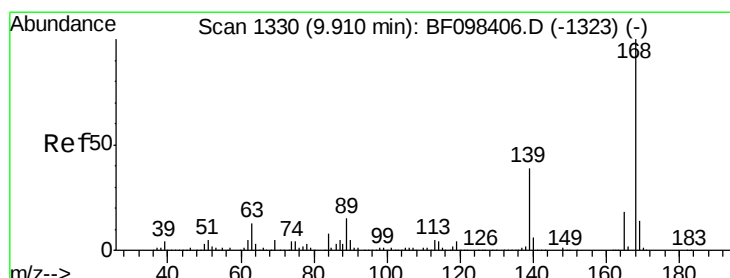
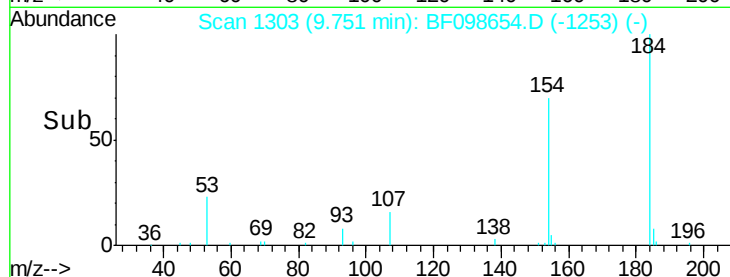
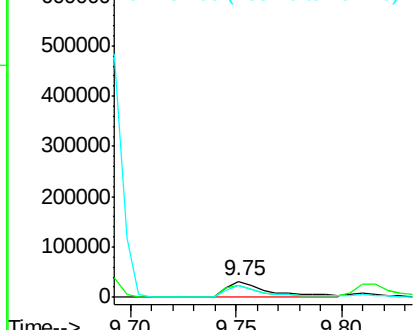
#53
2,4-Dinitrophenol
Concen: 40.63 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 43687
Ion Ratio Lower Upper
184 100
63 74.5 62.7 94.1
154 69.6 81.1 121.7#

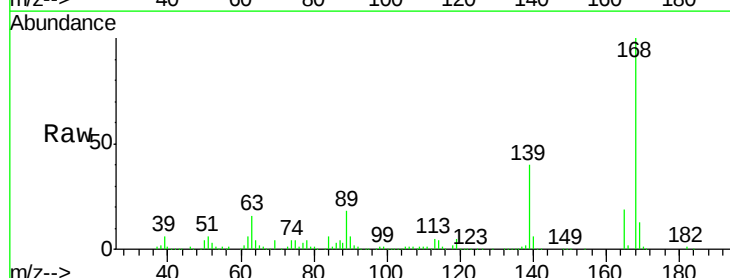


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

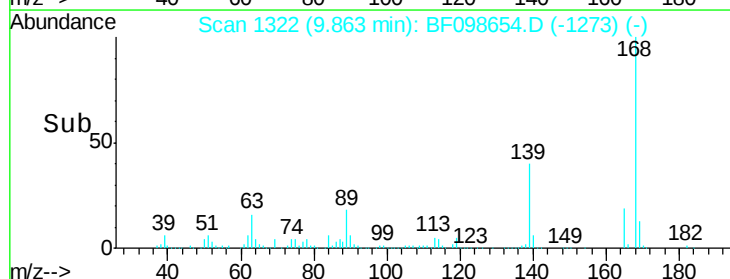
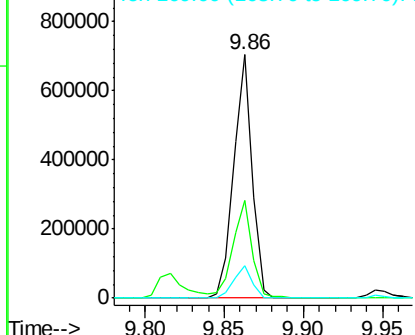


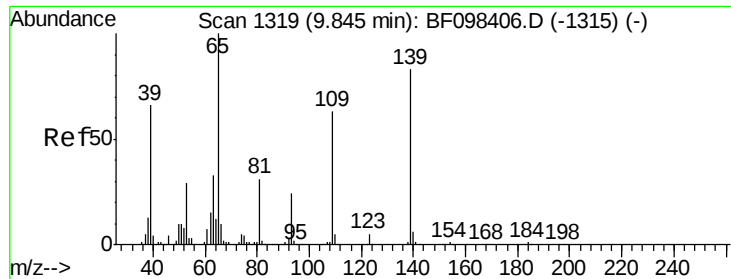
#54
Dibenzofuran
Concen: 44.05 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion:168 Resp: 567019
Ion Ratio Lower Upper
168 100
139 39.9 30.6 45.8
169 13.2 10.8 16.2



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

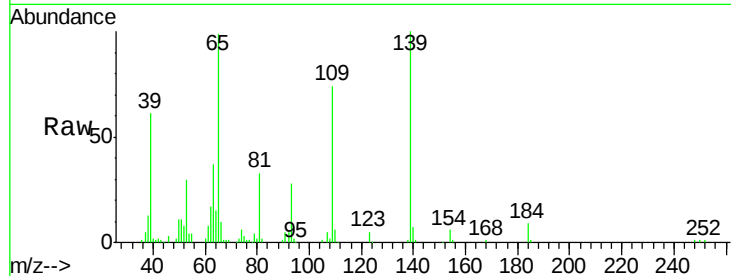




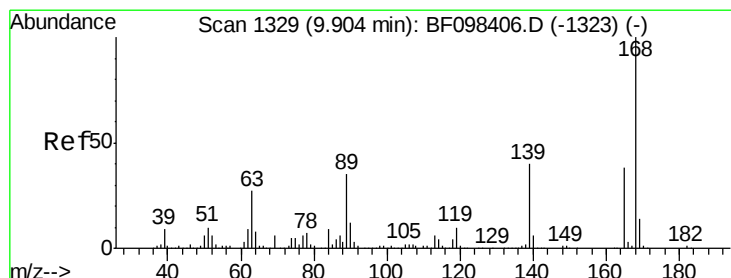
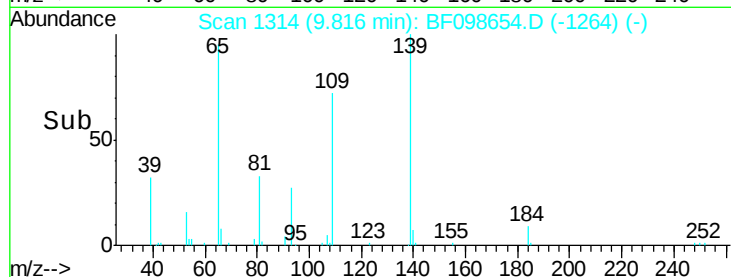
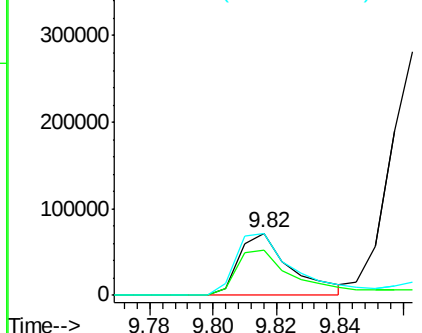
#55
4-Nitrophenol
Concen: 45.48 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 81117
Ion Ratio Lower Upper
139 100
109 73.8 34.1 74.1
65 99.1 31.4 71.4#

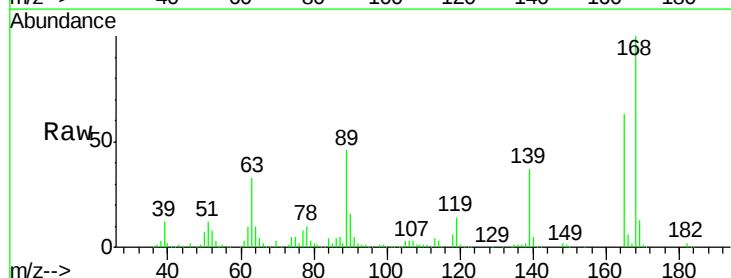


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

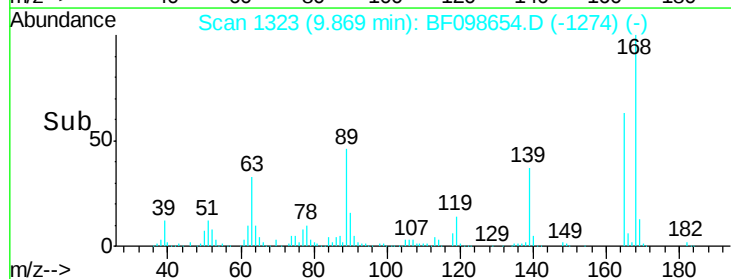
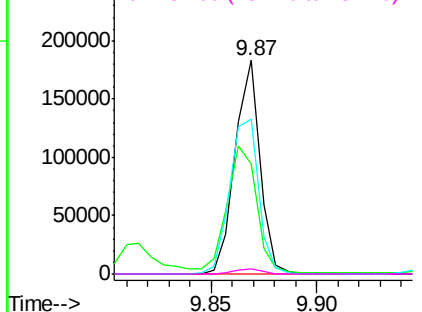


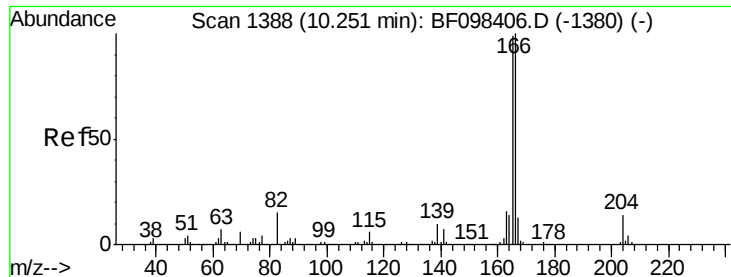
#56
2,4-Dinitrotoluene
Concen: 47.61 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion:165 Resp: 148861
Ion Ratio Lower Upper
165 100
63 51.6 25.4 38.0#
89 72.5 46.4 69.6#
182 2.5 1.8 2.6



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





#57

Fluorene

Concen: 44.80 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampleId :

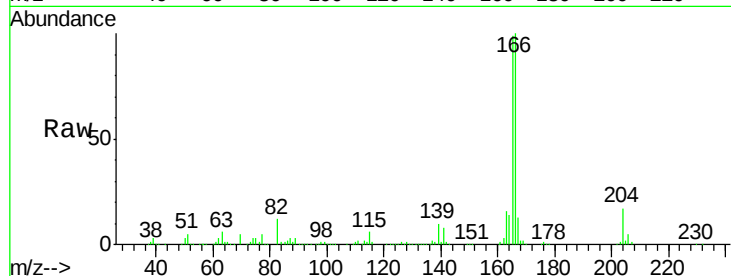
Tot Ion:166 Resp: 477340

Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

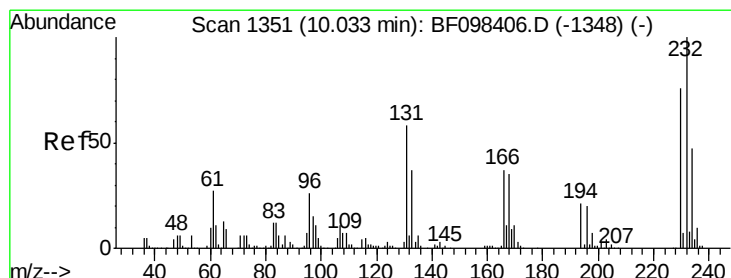
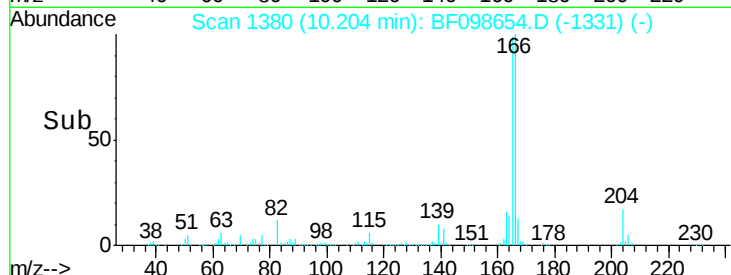
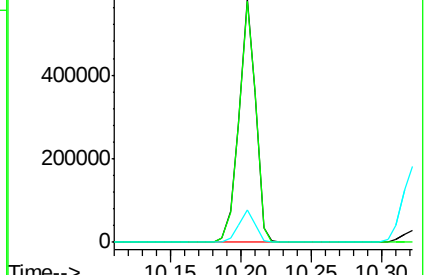
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.24 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Tgt Ion:232 Resp: 94047

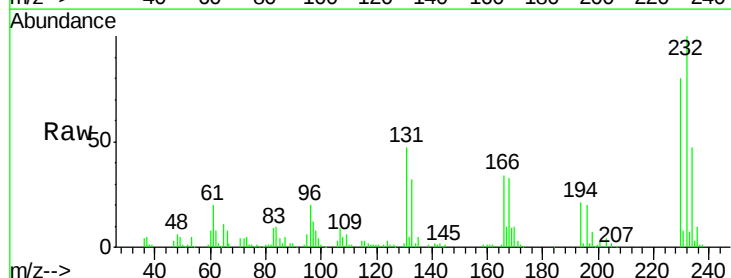
Ion Ratio Lower Upper

232 100

131 52.2 44.8 67.2

130 2.8 2.3 3.5

166 33.1 29.0 43.4

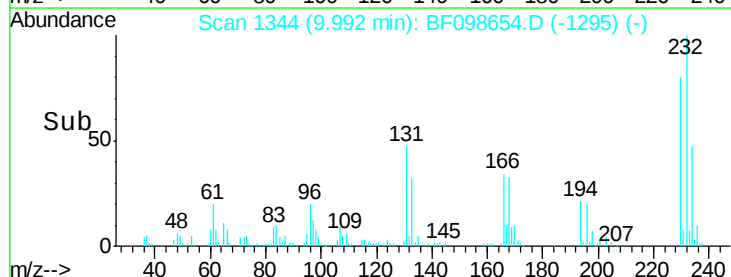
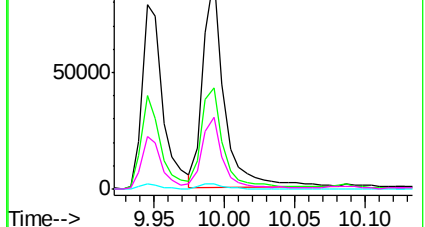


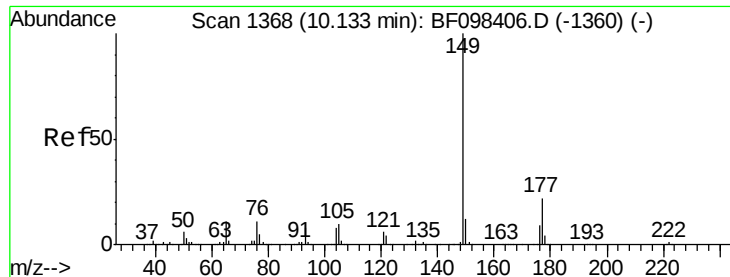
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

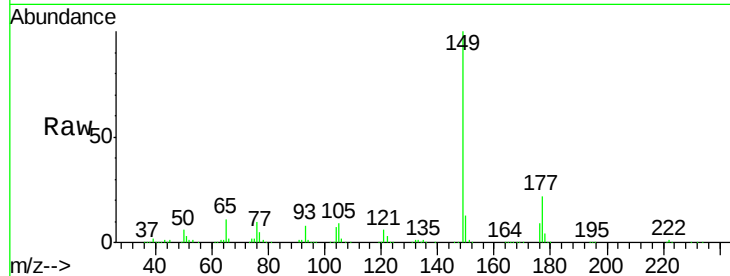




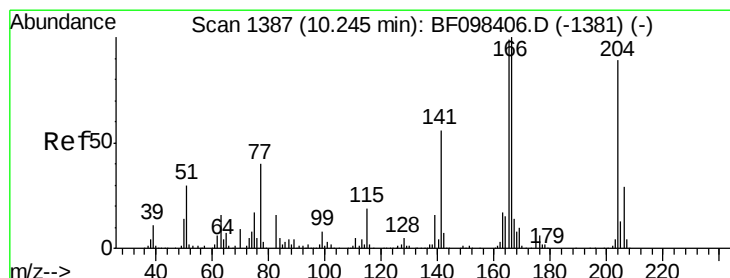
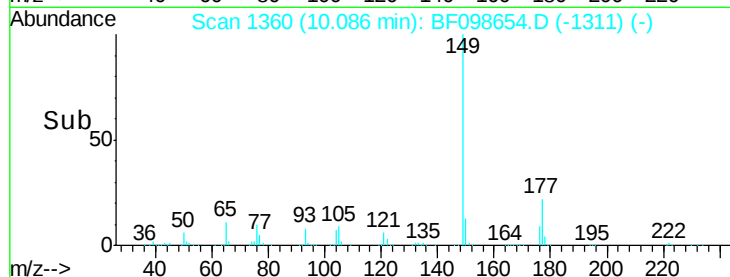
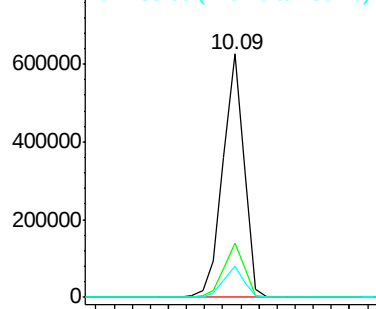
#59
Diethylphthalate
Concen: 42.71 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 508478
Ion Ratio Lower Upper
149 100
177 22.3 16.7 25.1
150 12.6 10.2 15.2

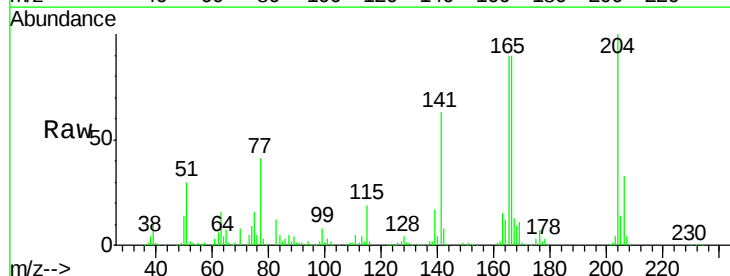


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

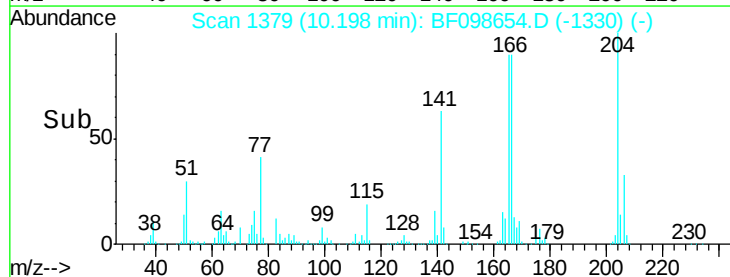
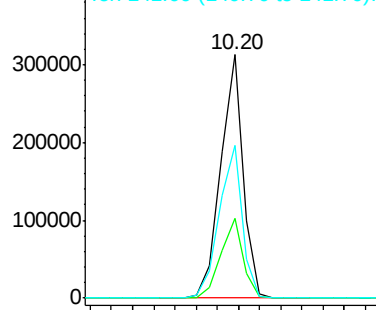


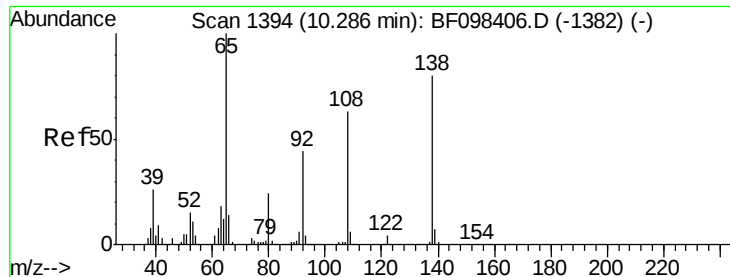
#60
4-Chlorophenyl-phenylether
Concen: 46.81 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion:204 Resp: 230375
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 62.7 60.8 91.2



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

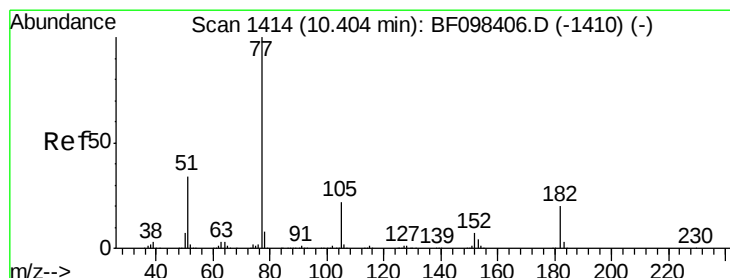
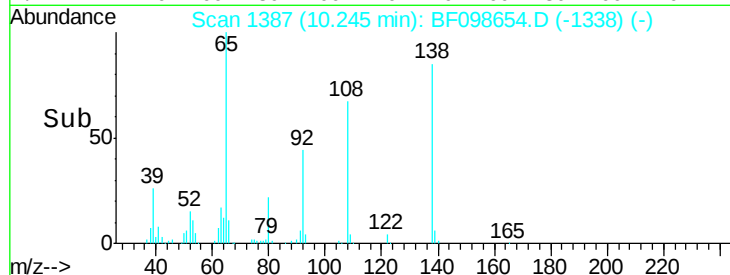
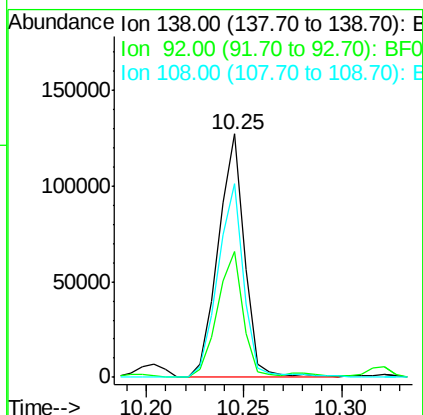
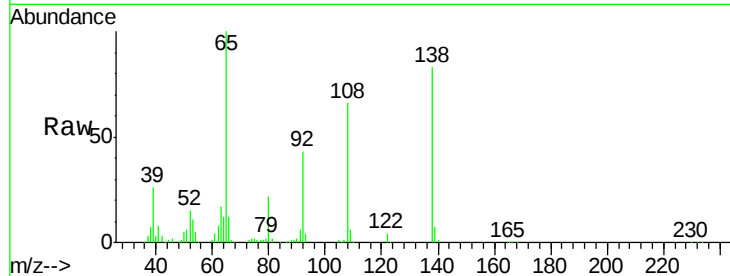




#61
4-Nitroaniline
Concen: 37.95 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

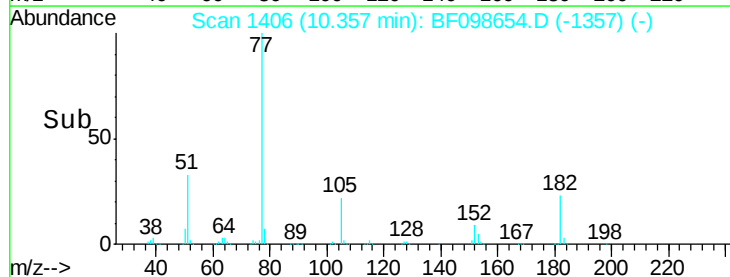
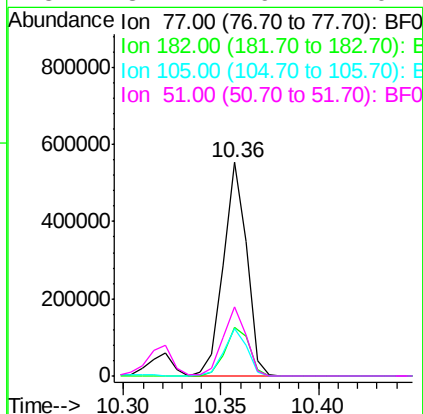
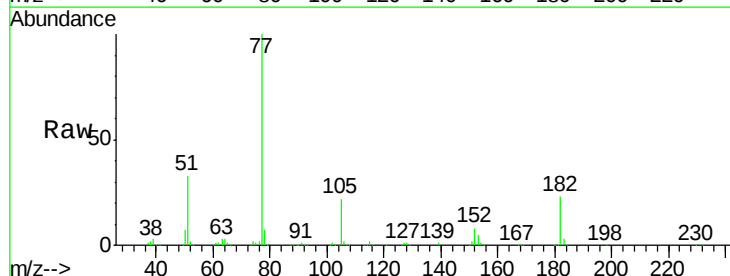
Instrument :
BNA_F
ClientSampled :

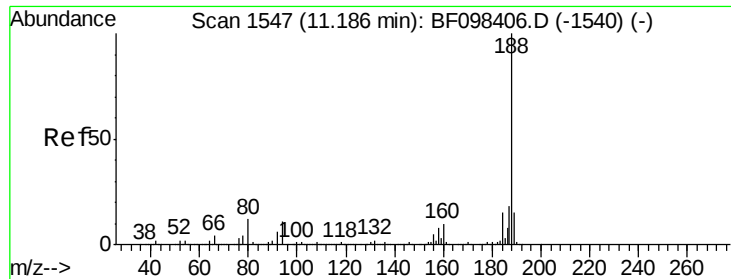
Tot Ion:138 Resp: 118986
Ion Ratio Lower Upper
138 100
92 51.7 21.8 61.8
108 79.8 42.3 82.3



#62
Azobenzene
Concen: 35.75 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion: 77 Resp: 458699
Ion Ratio Lower Upper
77 100
182 22.7 0.1 40.1
105 22.5 3.6 43.6
51 32.7 9.4 49.4

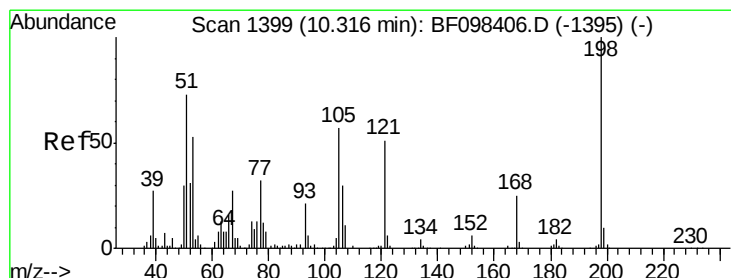
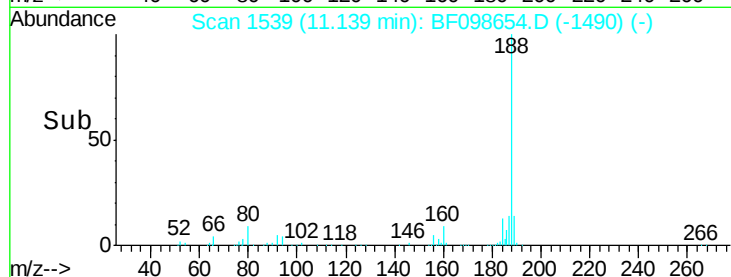
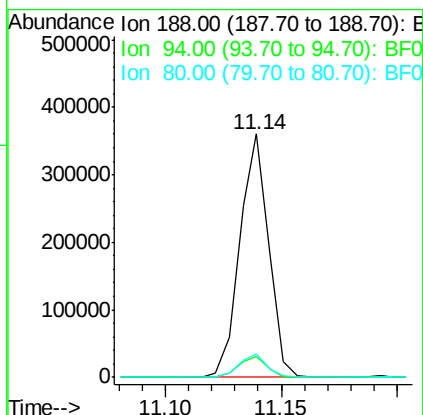
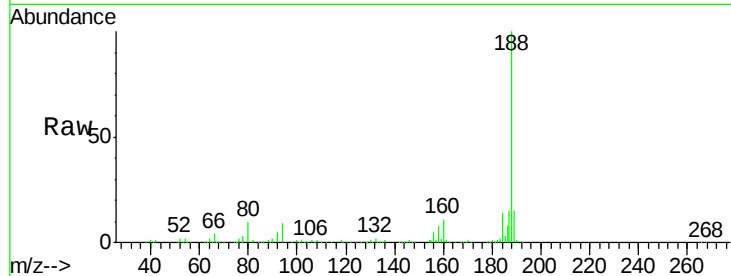




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

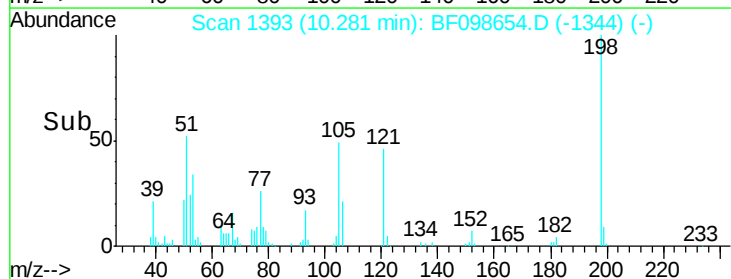
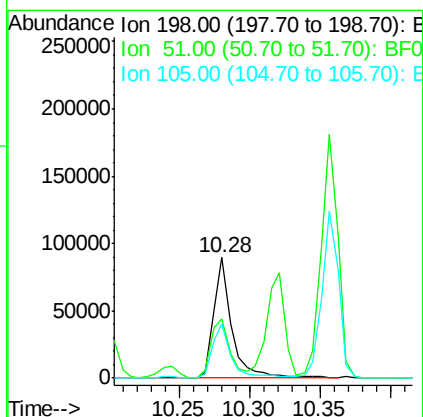
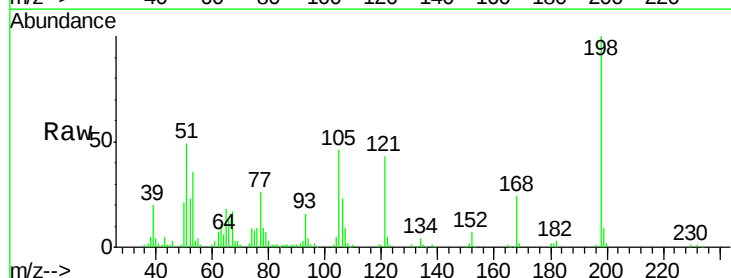
Instrument :
BNA_F
ClientSampled :

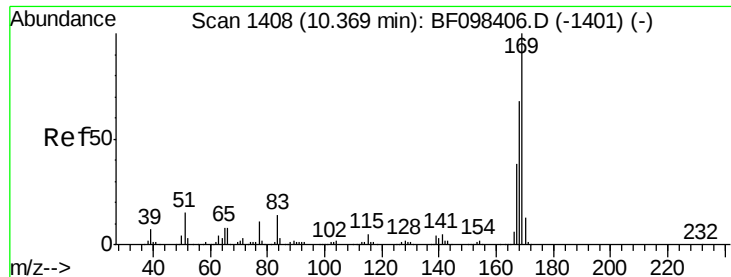
Tot Ion:188 Resp: 311396
Ion Ratio Lower Upper
188 100
94 8.5 9.4 14.2#
80 9.6 10.2 15.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 42.90 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion:198 Resp: 80813
Ion Ratio Lower Upper
198 100
51 48.9 53.2 93.2#
105 45.6 45.8 85.8#

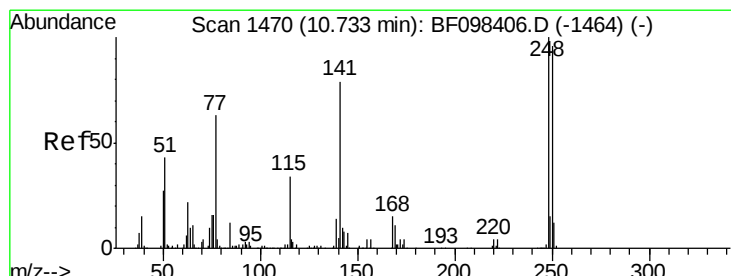
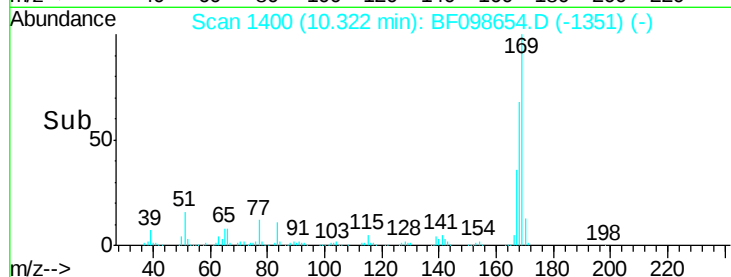
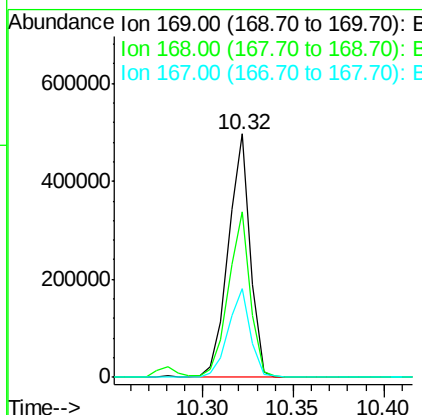
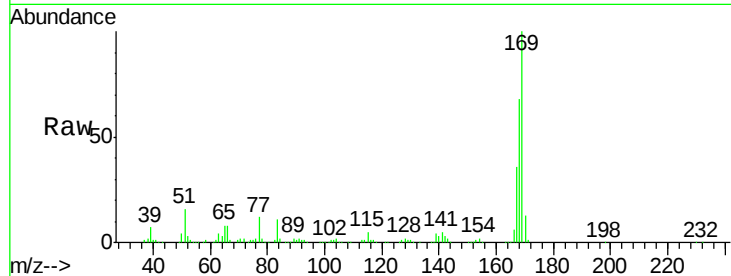




#65
 n-Nitrosodiphenylamine
 Concen: 41.38 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

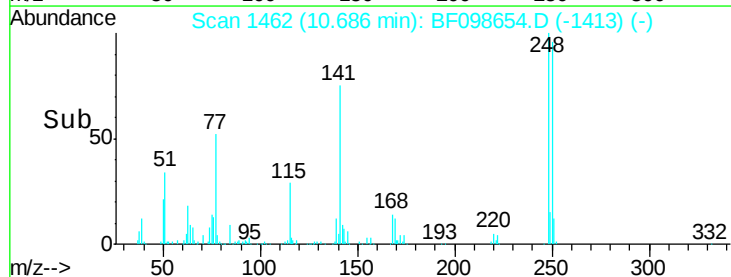
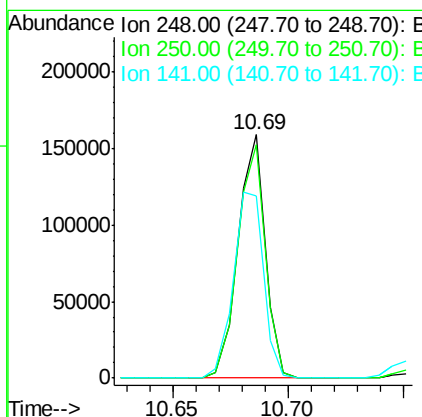
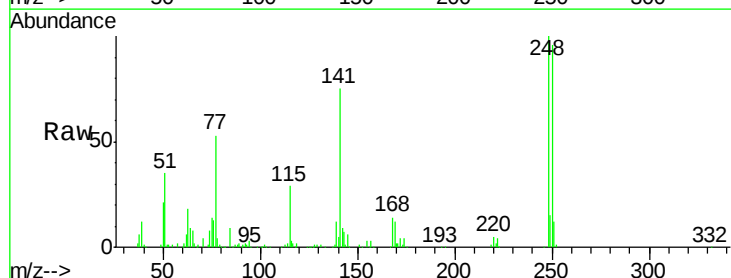
Instrument :
 BNA_F
 ClientSampleId :

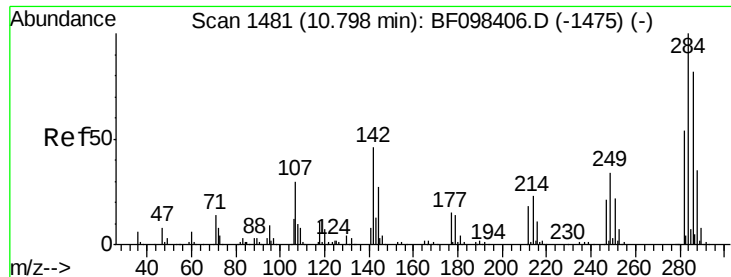
Tot Ion:169 Resp: 418351
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.2 79.8
 167 36.2 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 44.55 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

Tgt Ion:248 Resp: 131678
 Ion Ratio Lower Upper
 248 100
 250 96.1 76.8 115.2
 141 75.0 68.6 103.0

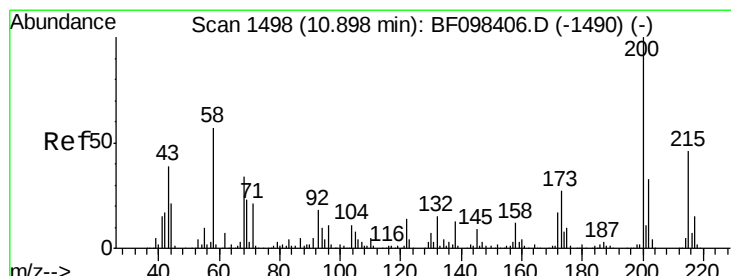
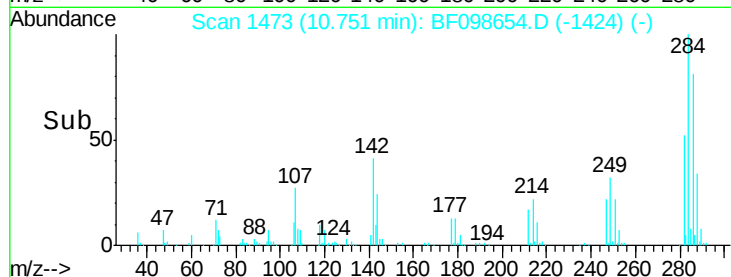
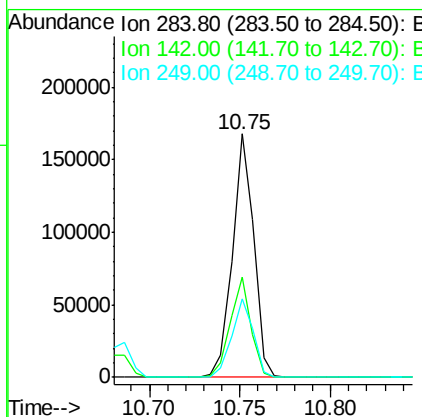
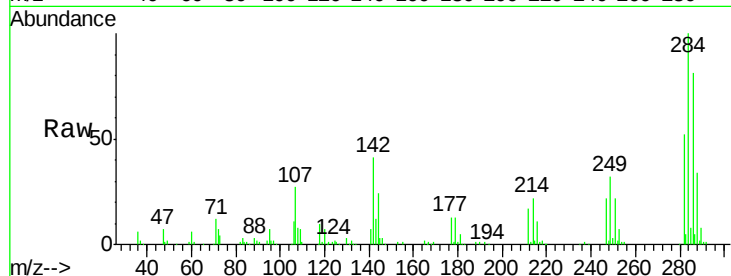




#67
Hexachlorobenzene
Concen: 45.88 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

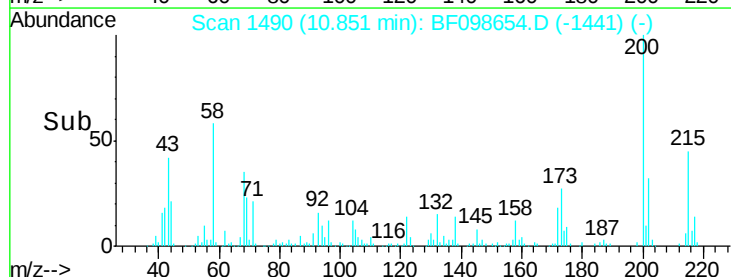
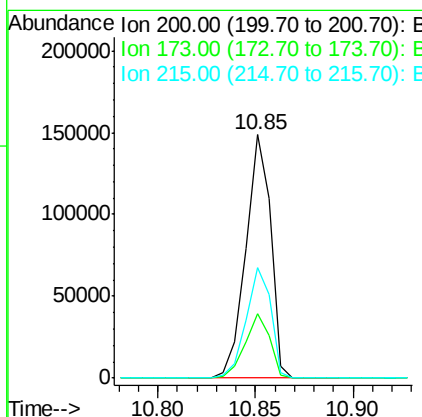
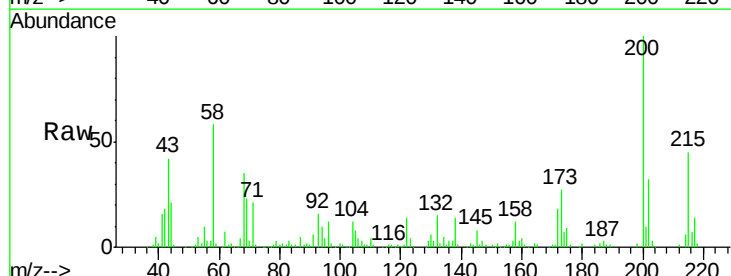
Instrument :
BNA_F
ClientSampleId :

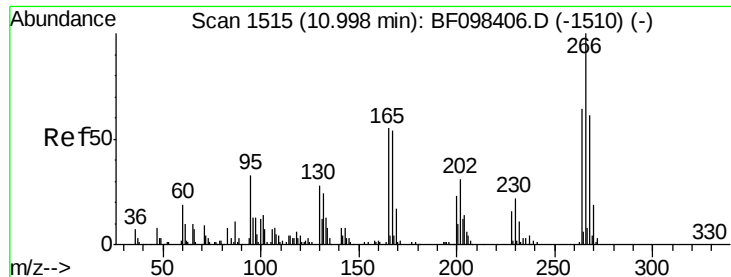
Tot Ion	Ratio	Lower	Upper
284	100		
142	41.2	22.8	34.2#
249	32.1	24.0	36.0



#68
Atrazine
Concen: 42.31 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.3	46.3
215	45.2	27.2	67.2

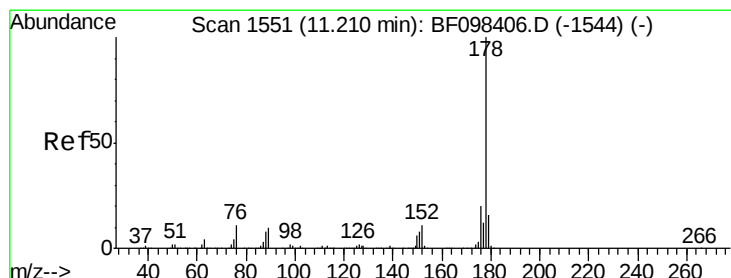
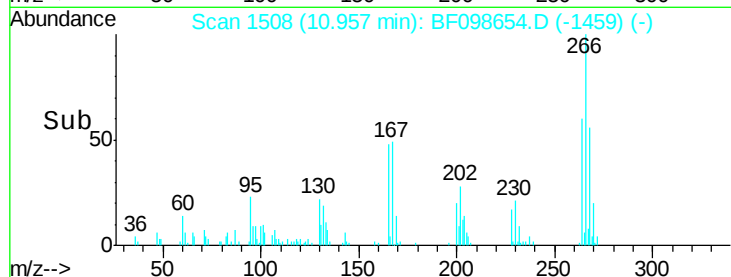
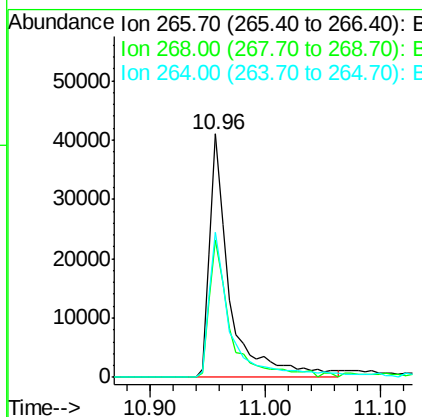
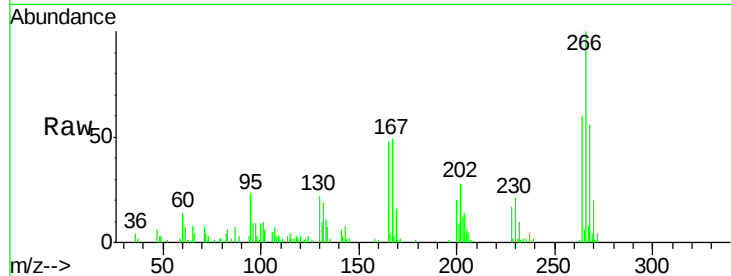




#69
 Pentachlorophenol
 Concen: 41.61 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

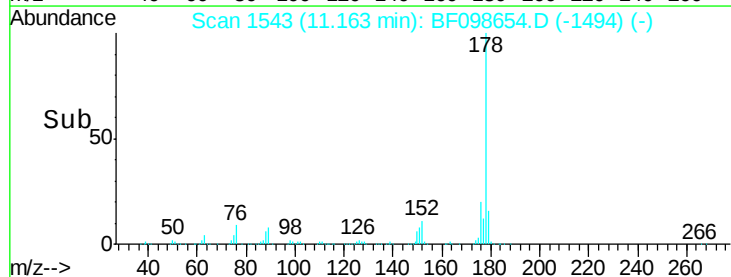
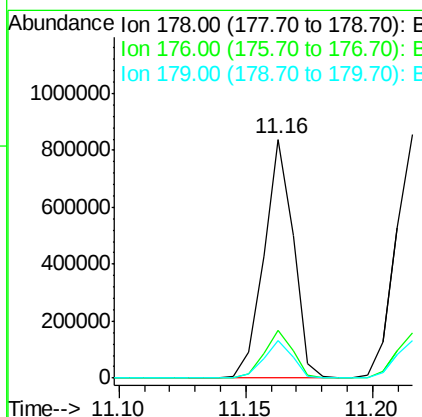
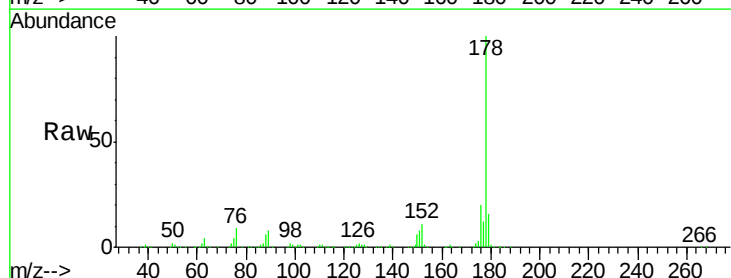
Instrument :
 BNA_F
 ClientSampleId :

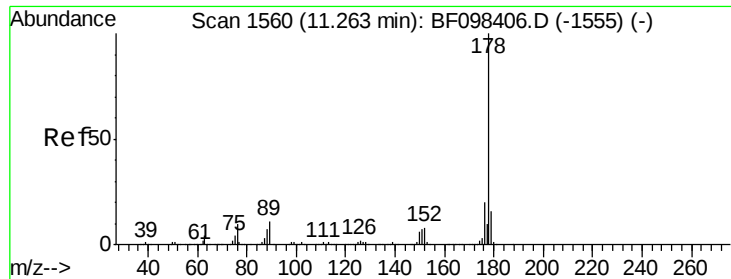
Tot Ion:266 Resp: 50386
 Ion Ratio Lower Upper
 266 100
 268 56.3 51.1 76.7
 264 59.5 51.7 77.5



#70
 Phenanthrene
 Concen: 41.10 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

Tgt Ion:178 Resp: 678410
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.6 12.6 19.0

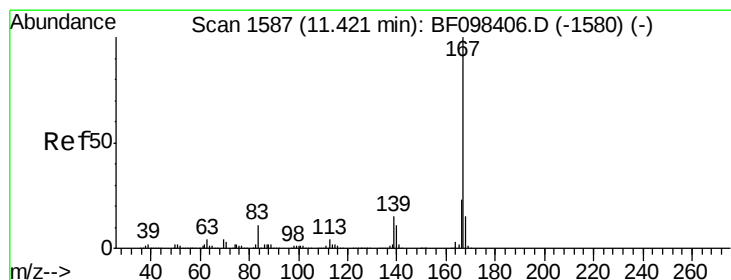
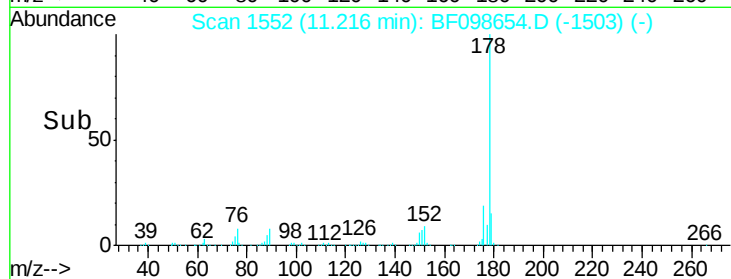
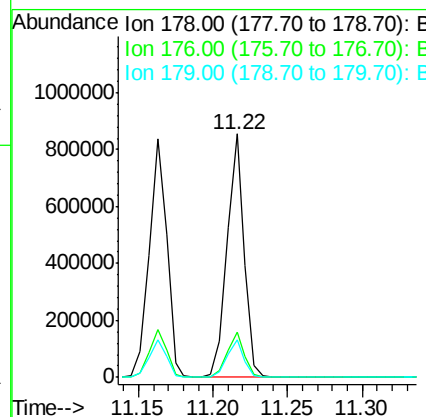
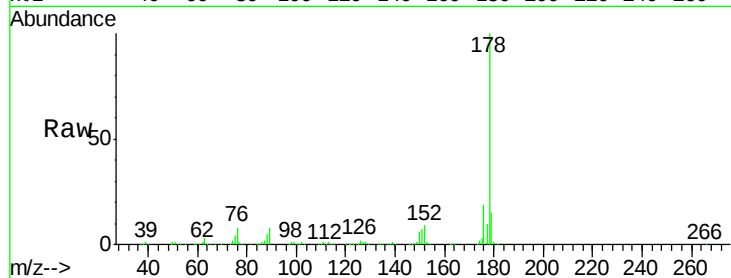




#71
 Anthracene
 Concen: 41.29 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

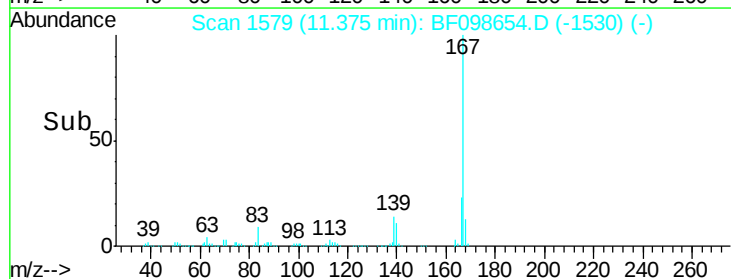
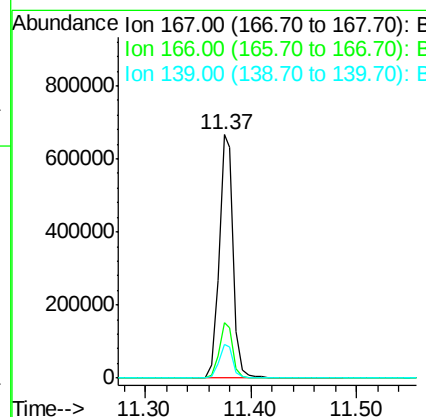
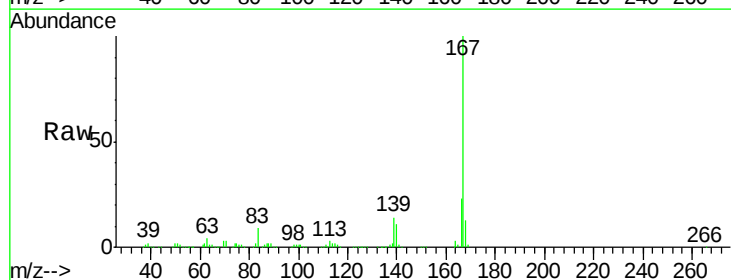
Instrument :
 BNA_F
 ClientSampleId :

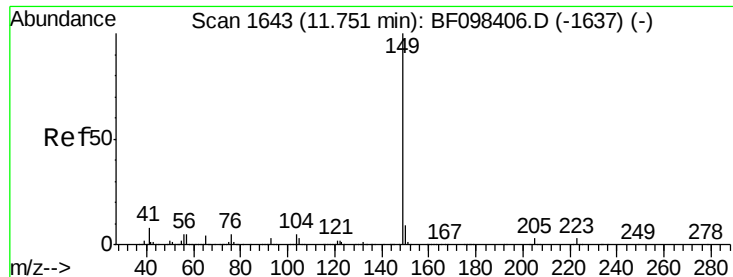
Tot Ion:178 Resp: 699834
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 39.83 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

Tgt Ion:167 Resp: 629205
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.72 ng

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampleId :

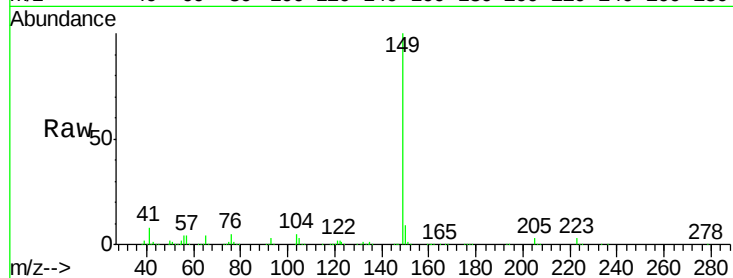
Tot Ion:149 Resp: 770696

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

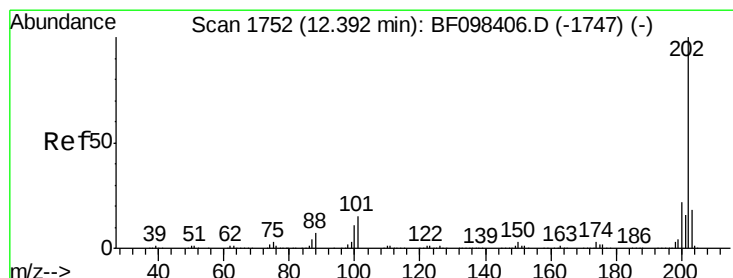
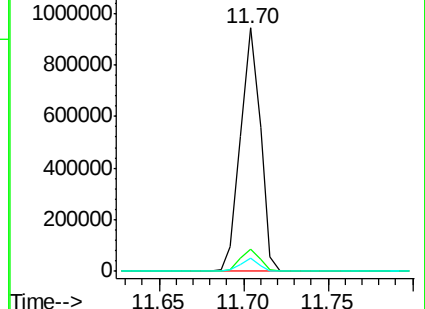
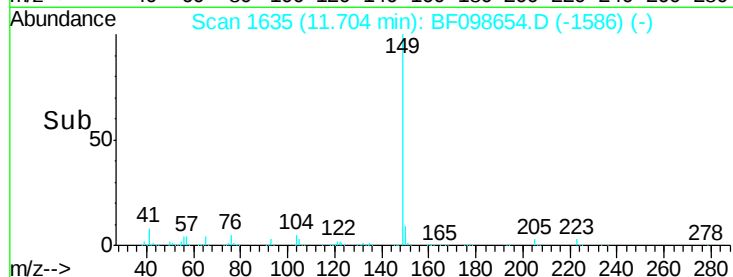
104 5.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.44 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

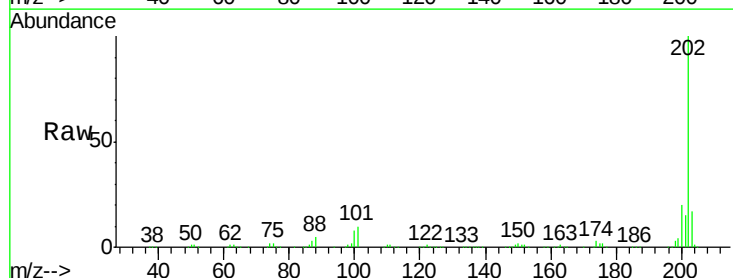
Tgt Ion:202 Resp: 684753

Ion Ratio Lower Upper

202 100

101 10.3 0.0 33.2

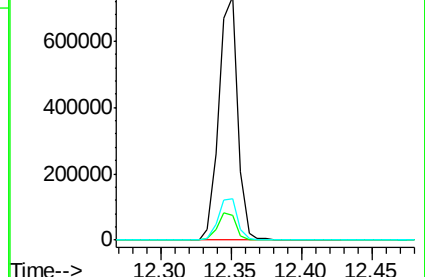
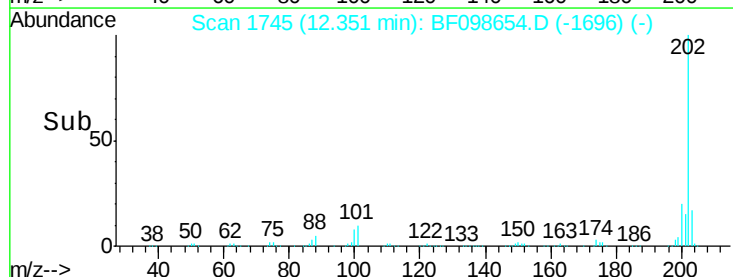
203 17.3 0.0 38.1

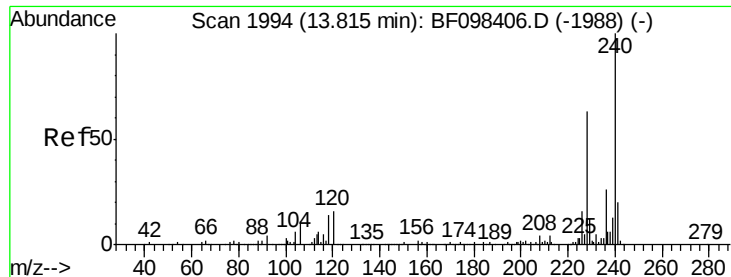


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampleId :

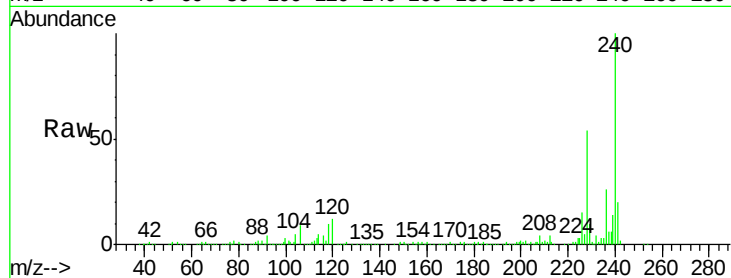
Tot Ion:240 Resp: 209676

Ion Ratio Lower Upper

240 100

120 12.0 5.8 8.8#

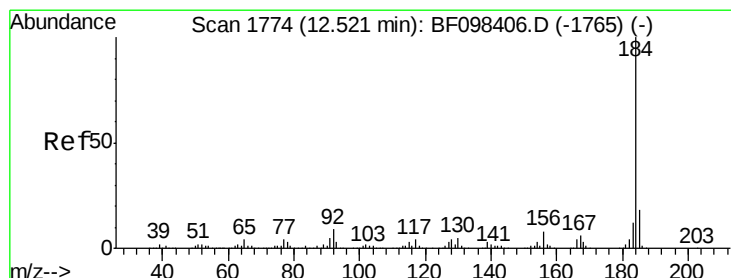
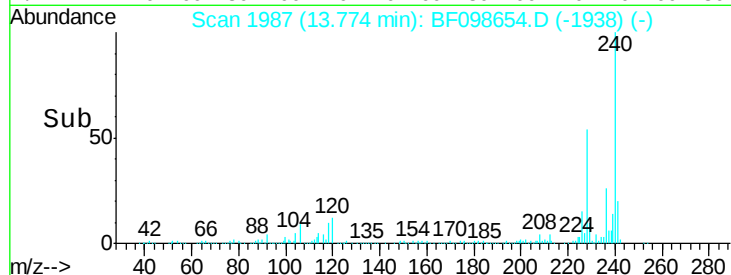
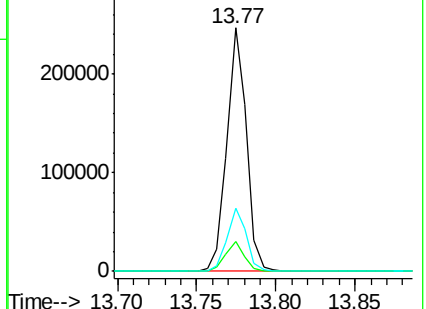
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.62 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

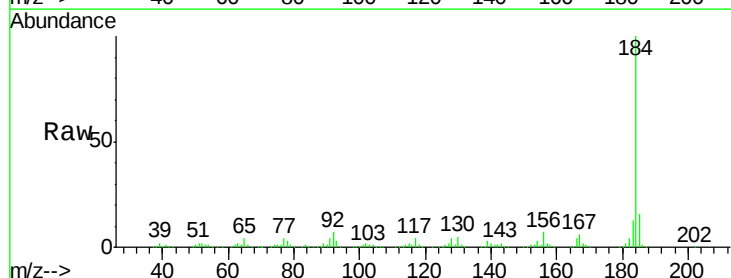
Tgt Ion:184 Resp: 339821

Ion Ratio Lower Upper

184 100

185 15.6 15.5 23.3

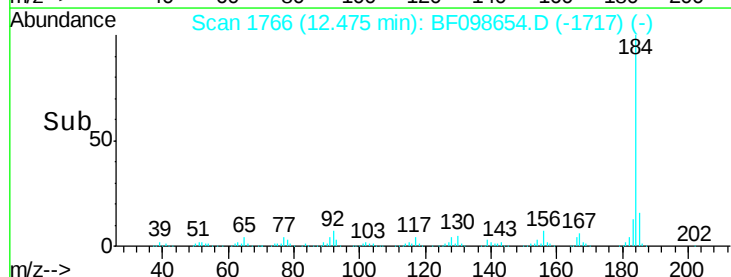
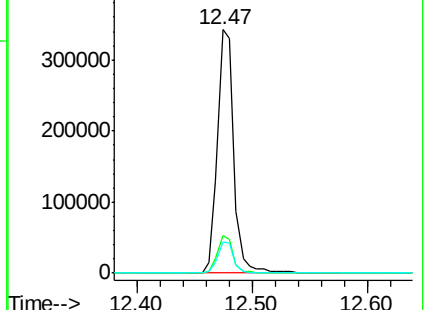
183 12.8 9.8 14.6

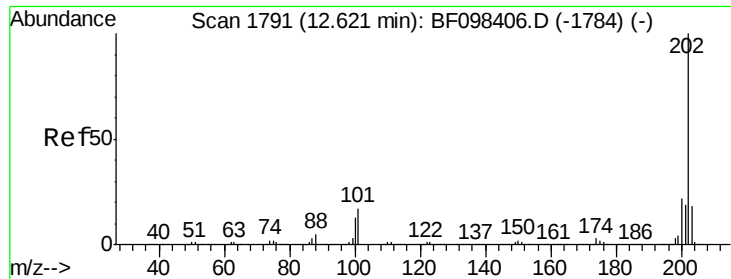


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

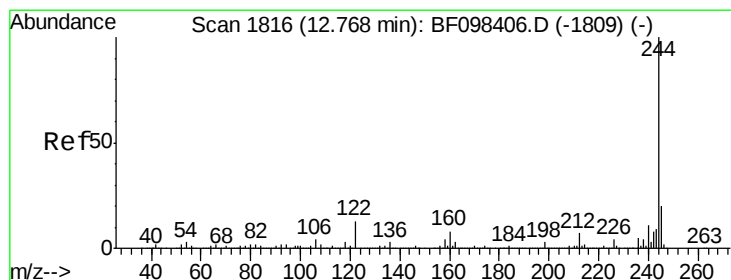
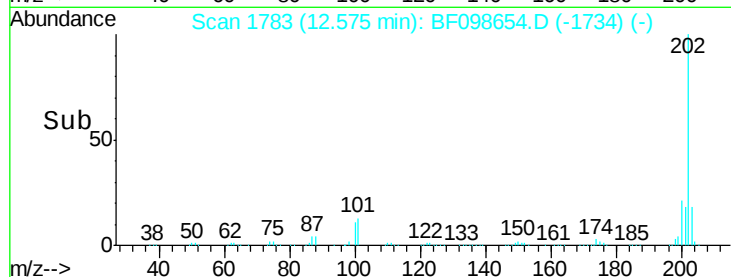
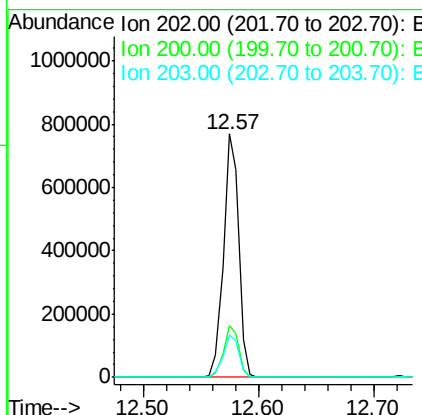
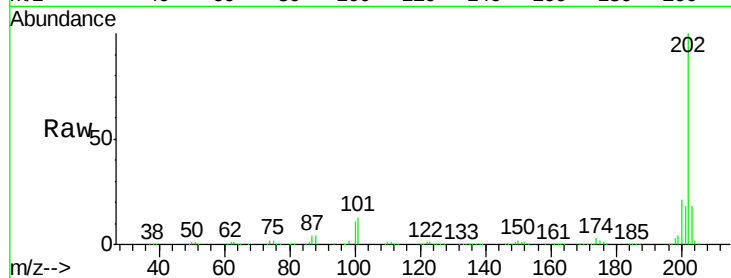




#77
Pvrene
Concen: 42.40 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

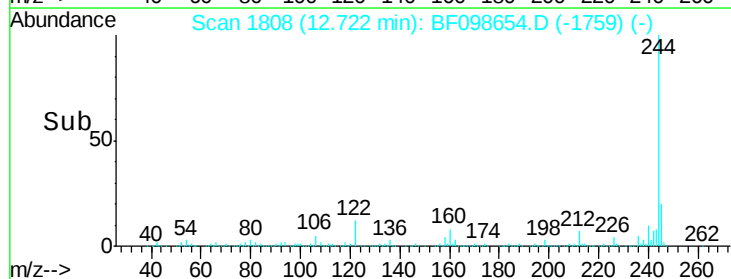
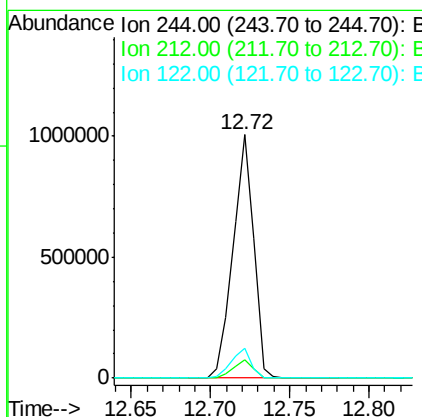
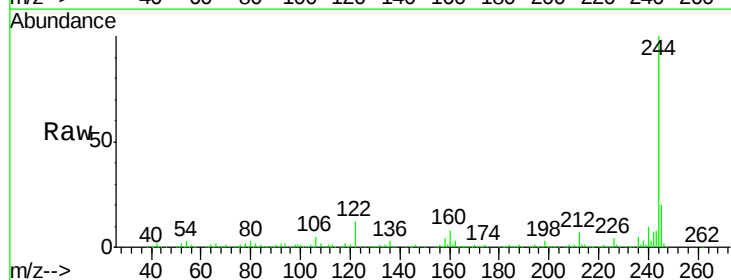
Instrument :
BNA_F
ClientSampleId :

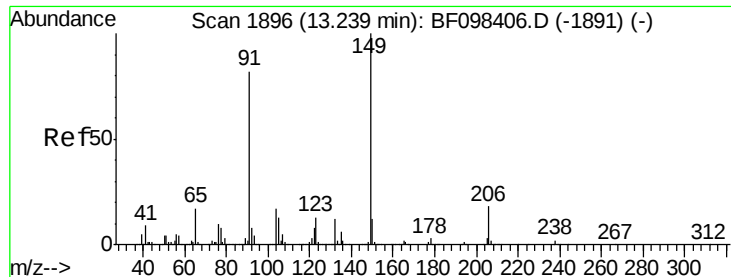
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.6	14.4	21.6



#78
Terphenyl-d14
Concen: 93.62 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.5	10.3	15.5

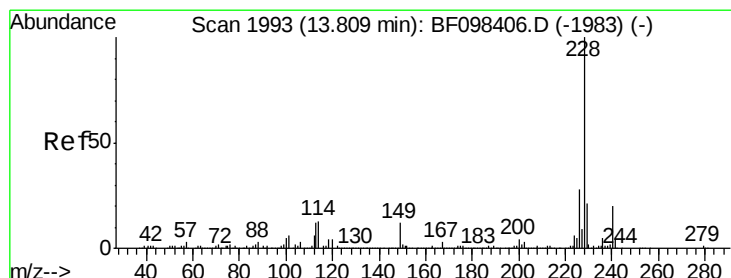
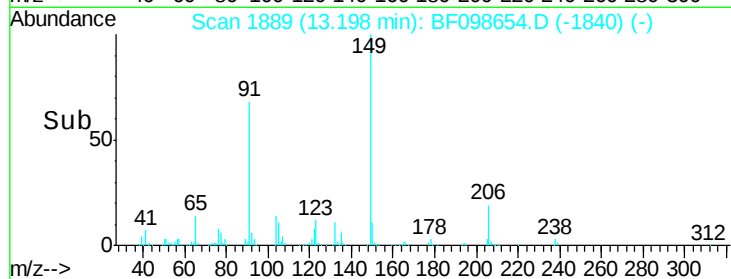
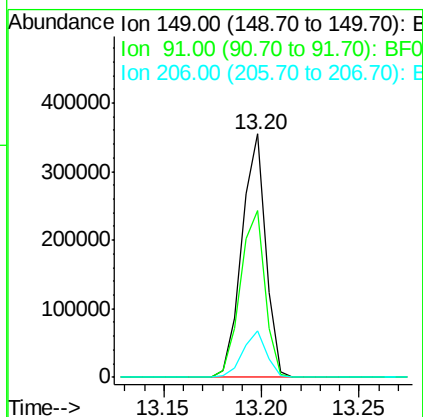
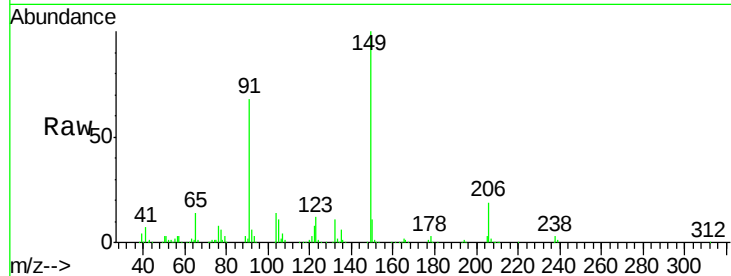




#79
Butylbenzylphthalate
Concen: 42.00 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

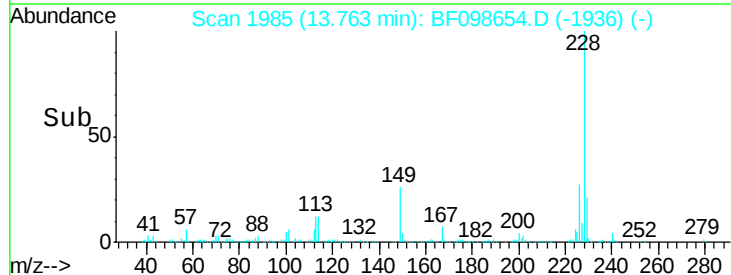
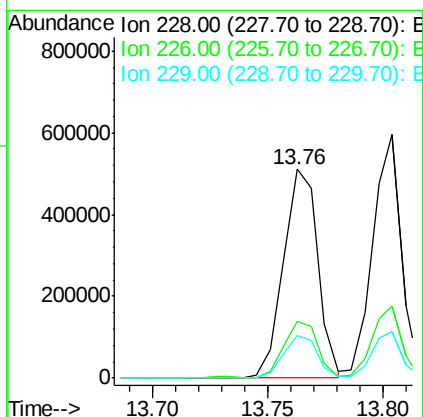
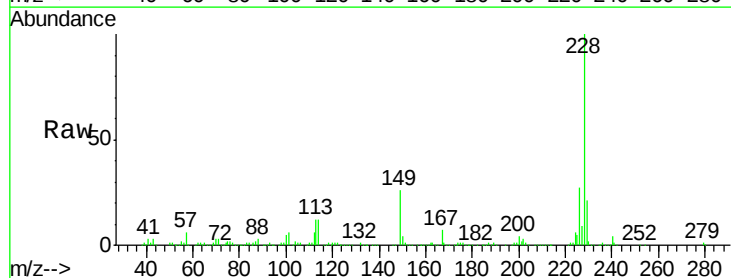
Instrument :
BNA_F
ClientSampleId :

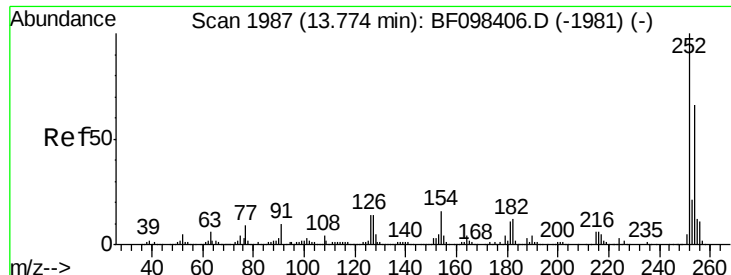
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.4	45.0	67.4#
206	19.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 42.57 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.7	16.3	24.5

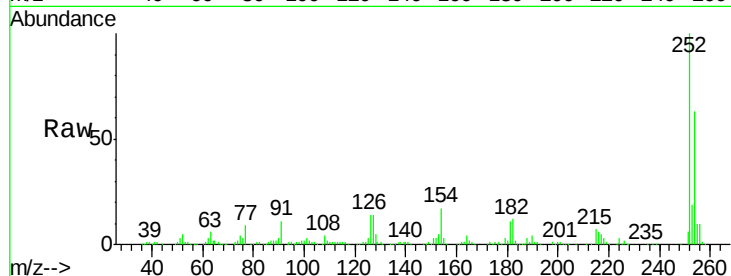




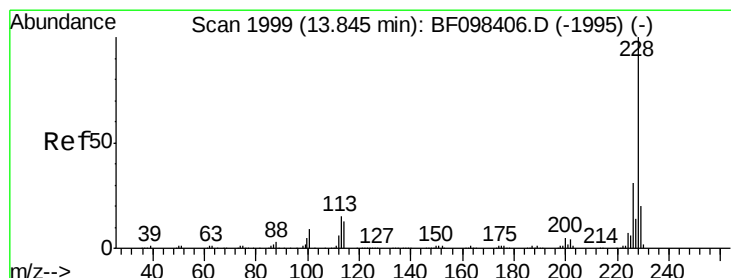
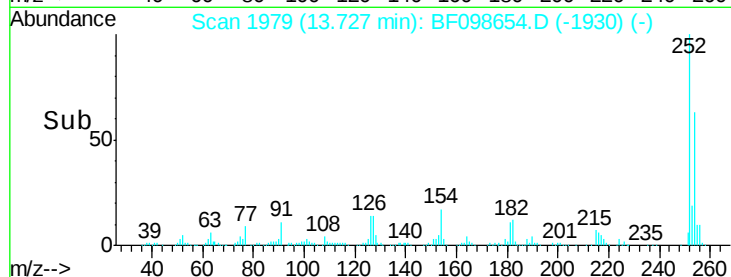
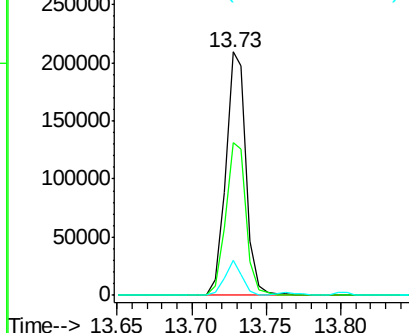
#81
 3,3'-Dichlorobenzidine
 Concen: 42.31 ng
 RT: 13.73 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.5	77.3
126	14.1	15.8	23.8#

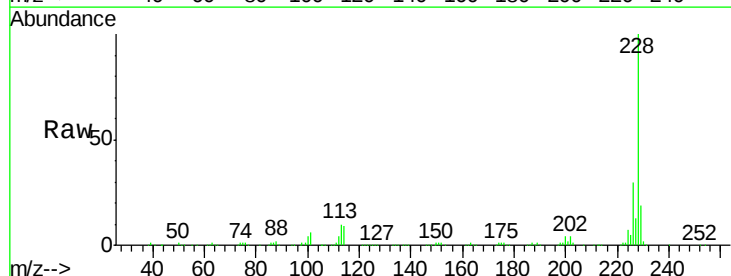


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

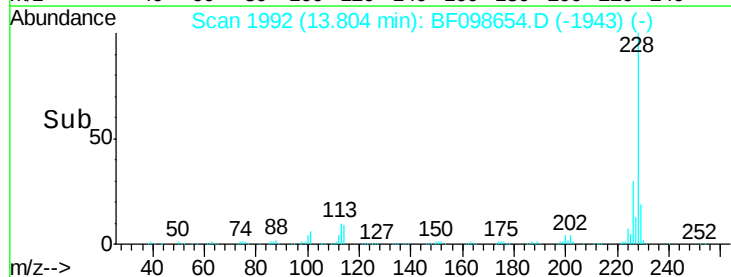
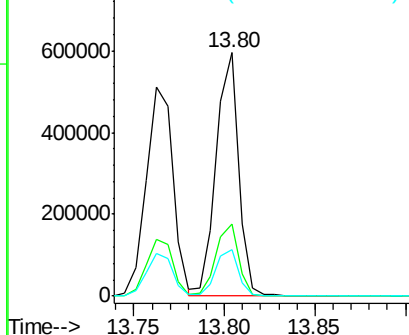


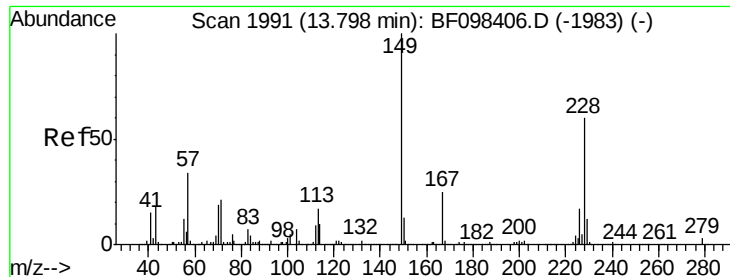
#82
 Chrysene
 Concen: 41.41 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	19.3	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.26 ng

RT: 13.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampled :

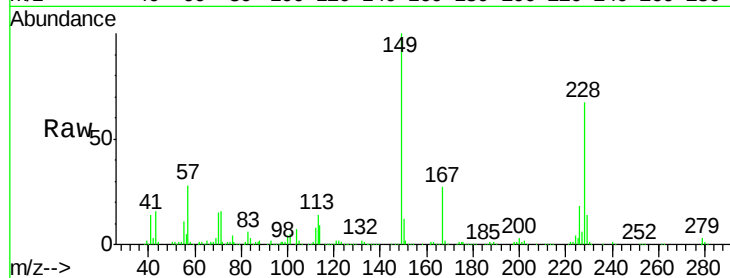
Tot Ion:149 Resp: 371565

Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

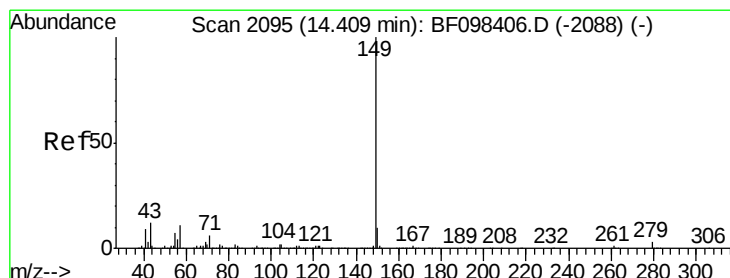
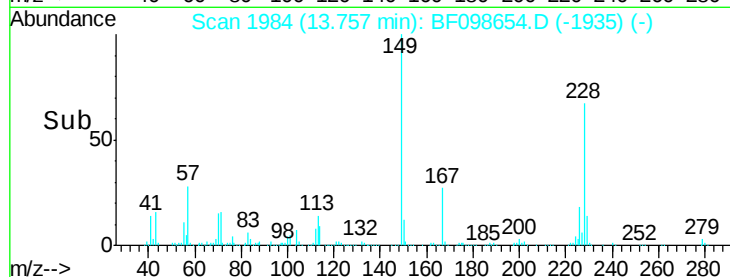
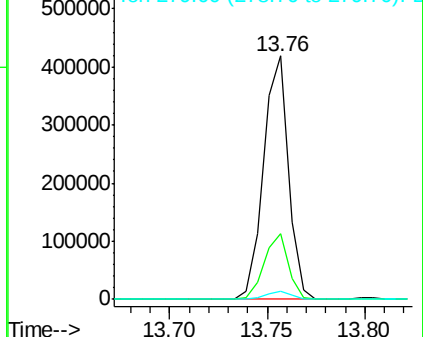
279 3.3 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.16 ng

RT: 14.36 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

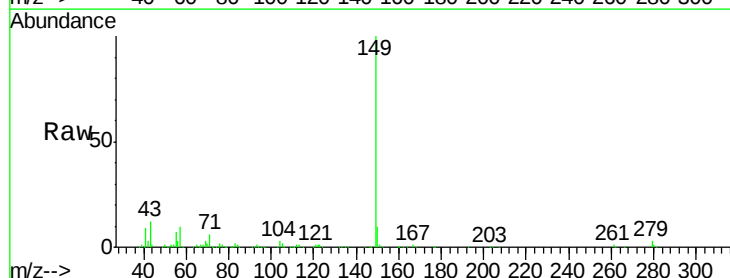
Tgt Ion:149 Resp: 558698

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

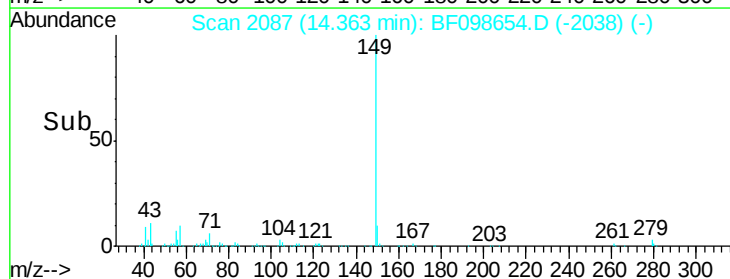
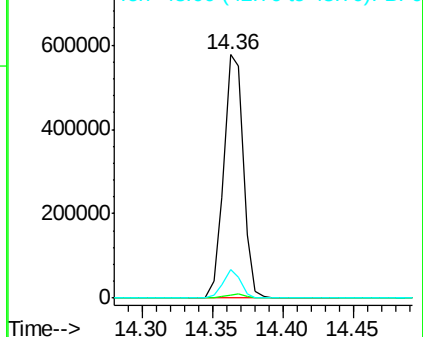
43 11.0 8.5 12.7

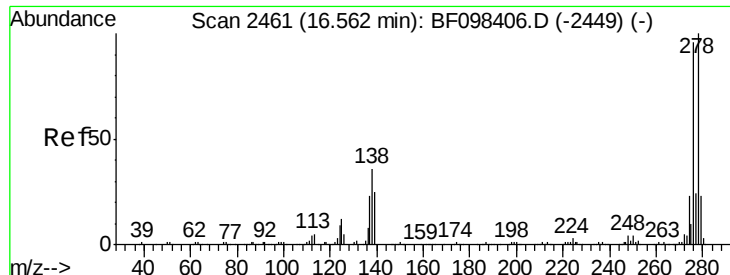


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

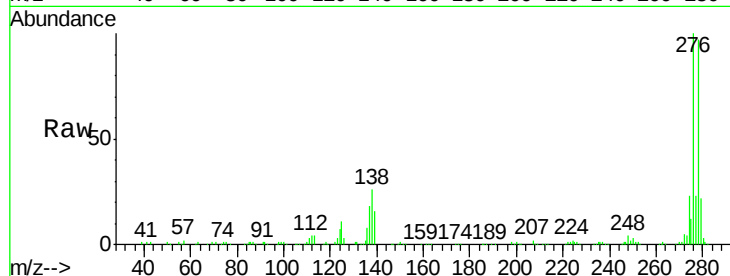




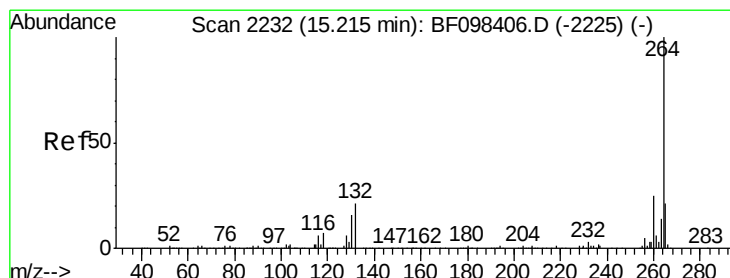
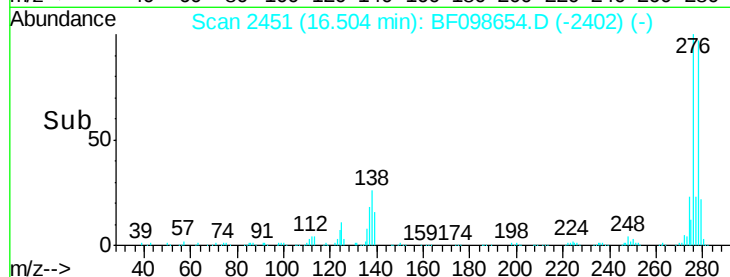
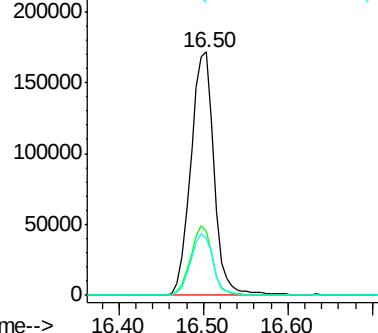
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.94 ng
RT: 16.50 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	27.8	41.6#
277	24.9	20.2	30.4

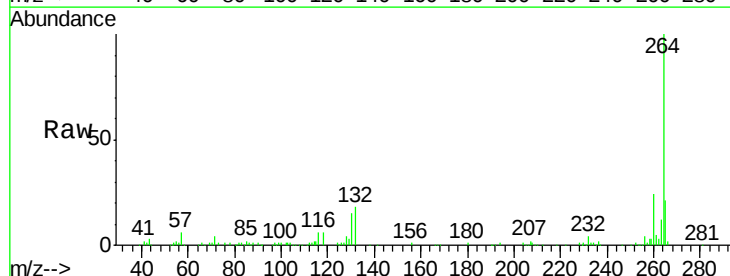


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

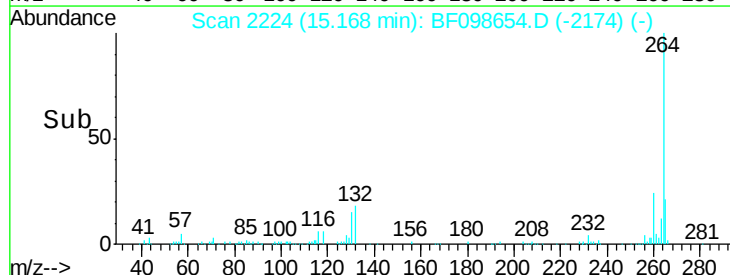
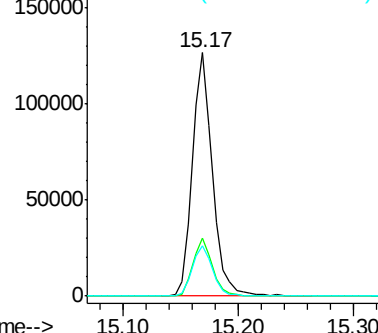


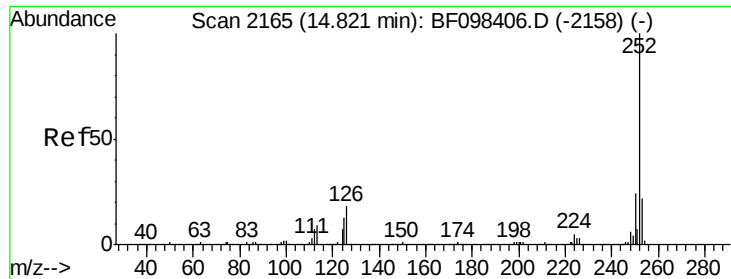
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.5	17.2	25.8



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

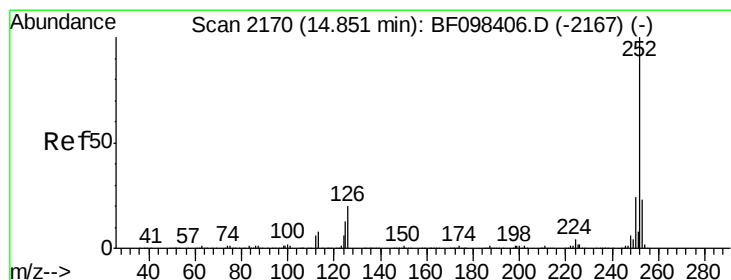
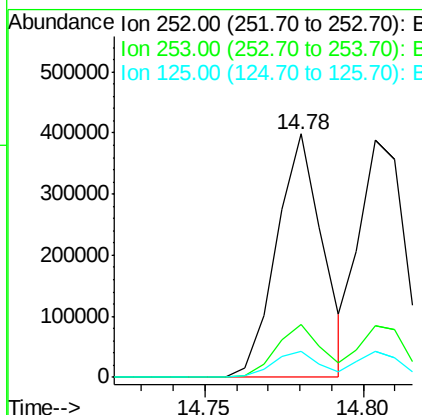
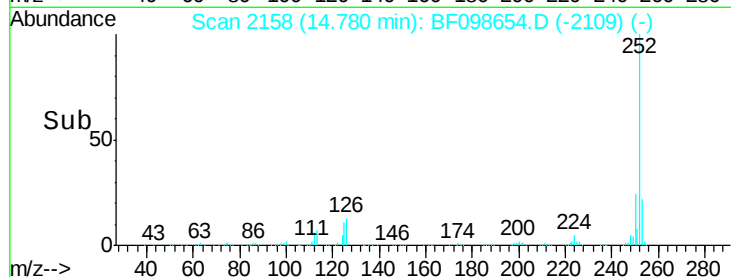
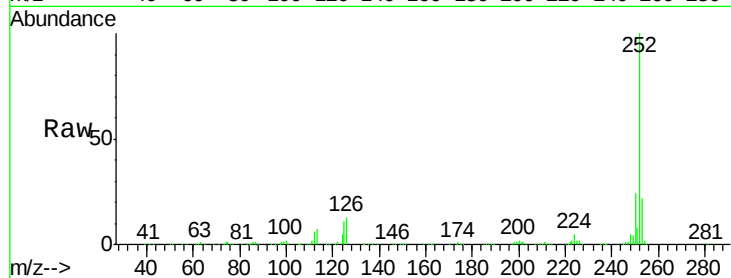




#87
Benzo(b)fluoranthene
Concen: 42.16 ng
RT: 14.78 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

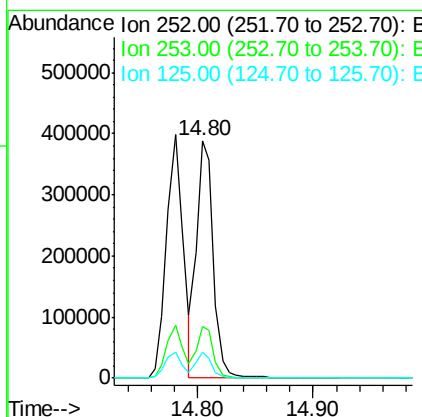
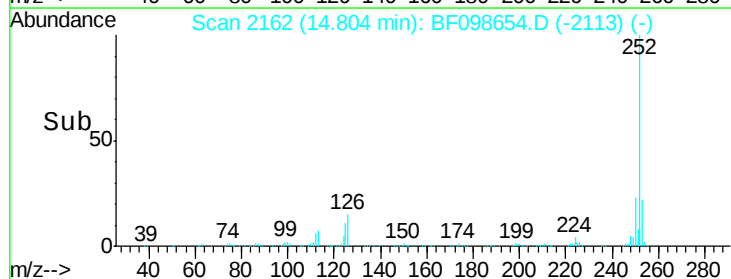
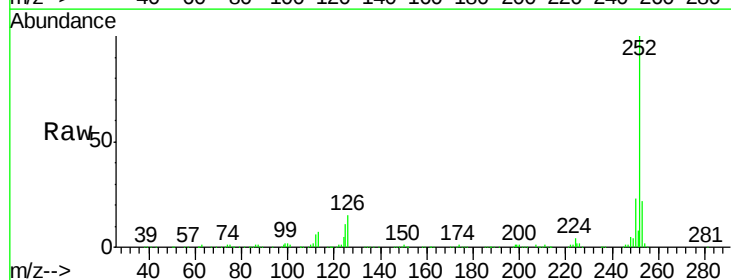
Instrument :
BNA_F
ClientSampled :

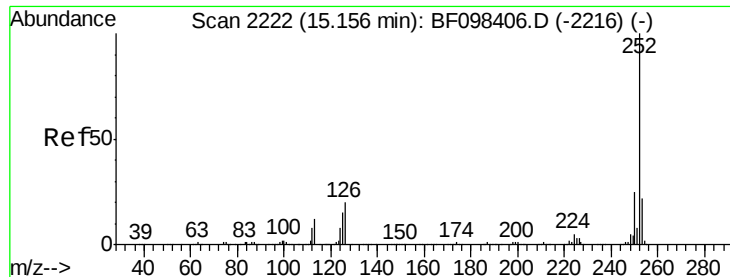
Tot Ion:252 Resp: 402109
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 10.9 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 44.69 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF098654.D
Acq: 20 Sep 2017 12:25

Tgt Ion:252 Resp: 397851
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 11.1 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 42.33 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

Instrument :

BNA_F

ClientSampleId :

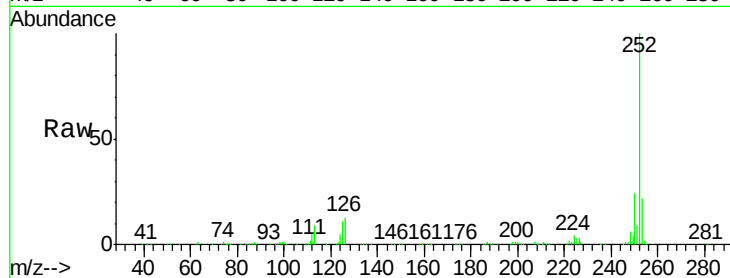
Tot Ion:252 Resp: 359661

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

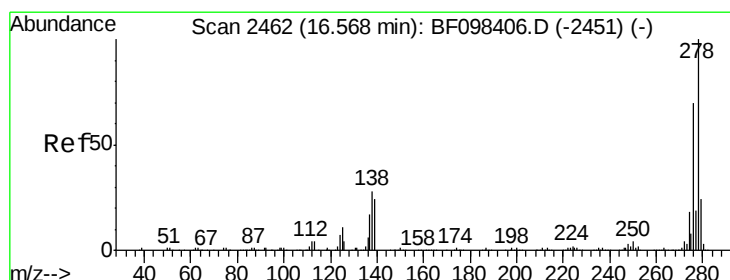
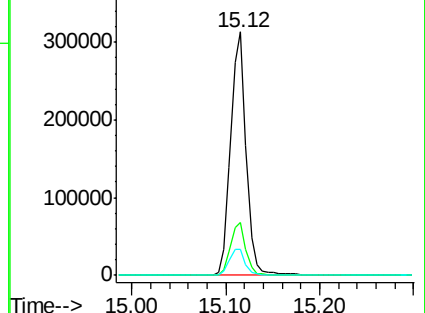
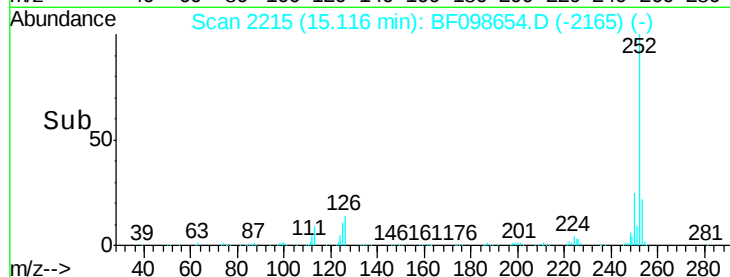
125 10.8 11.0 16.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.19 ng

RT: 16.50 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BF098654.D

Acq: 20 Sep 2017 12:25

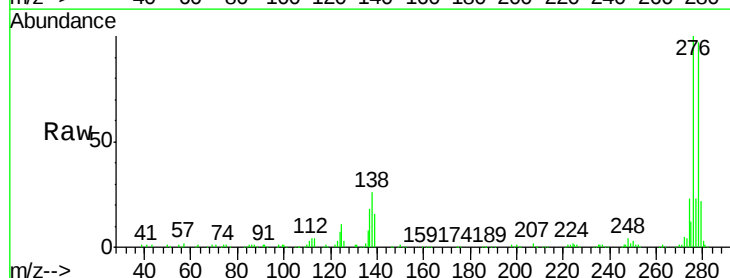
Tgt Ion:278 Resp: 273113

Ion Ratio Lower Upper

278 100

139 16.9 16.6 24.8

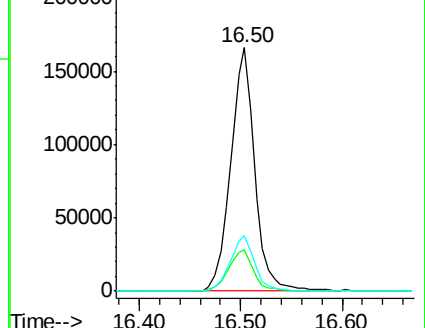
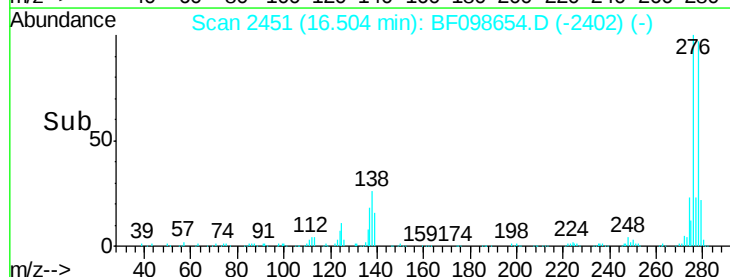
279 23.0 19.3 28.9

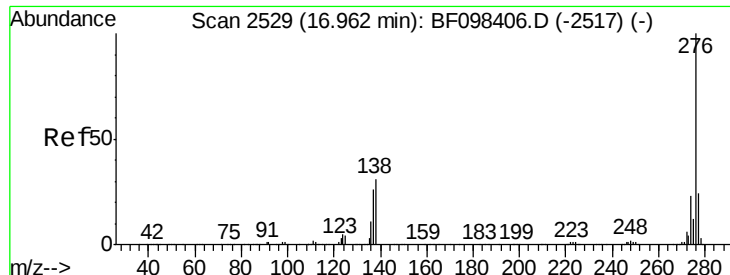


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

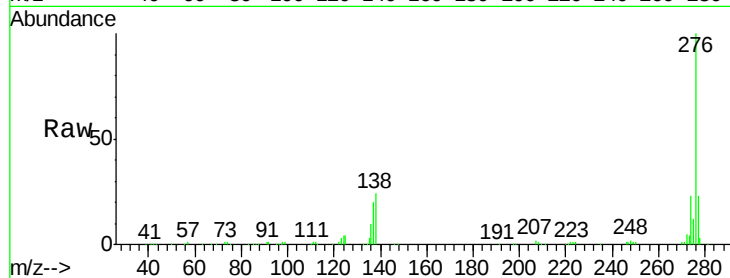




#91
 Benzo(a,h,i)perylene
 Concen: 43.68 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.02 min
 Lab File: BF098654.D
 Acq: 20 Sep 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	23.6	25.4	38.0



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

