

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098903.D
 Acq On : 28 Sep 2017 12:46
 Operator : SJ/JU
 Sample : I5418-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 00:40:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	149287	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	634055	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	286904	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	495413	20.00	ng	0.00
75) Chrysene-d12	14.09	240	251045	20.00	ng	0.00
86) Perylene-d12	15.57	264	244452	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	916576	97.74	ng	0.00
7) Phenol-d6	6.55	99	1133591	97.99	ng	0.00
23) Nitrobenzene-d5	7.48	82	692758	70.07	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	229380	97.71	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1199348	69.79	ng	0.00
78) Terphenyl-d14	13.03	244	914678	82.86	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.77	88	126504	28.24	ng	99
3) Pyridine	3.55	79	335711	27.70	ng	99
4) n-Nitrosodimethylamine	3.50	42	174825	34.02	ng	95
6) Aniline	6.58	93	432198	27.68	ng	99
8) 2-Chlorophenol	6.70	128	348885	32.85	ng	97
9) Benzaldehyde	6.47	77	79397	11.83	ng	98
10) Phenol	6.56	94	477803	36.93	ng	99
11) bis(2-Chloroethyl)ether	6.65	93	336618	33.47	ng	99
12) 1,3-Dichlorobenzene	6.86	146	355841	31.99	ng	98
13) 1,4-Dichlorobenzene	6.93	146	361522	31.95	ng	99
14) 1,2-Dichlorobenzene	7.09	146	342906	32.79	ng	99
15) Benzyl Alcohol	7.06	79	307370	36.22	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	526233	33.58	ng	98
17) 2-Methylphenol	7.16	107	297437	34.23	ng	99
18) Hexachloroethane	7.43	117	130616	32.11	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	234681	31.77	ng	96
20) 3+4-Methylphenols	7.32	107	369414	33.60	ng	# 88
22) Acetophenone	7.33	105	475463	30.95	ng	# 96
24) Nitrobenzene	7.50	77	372851	33.24	ng	100
25) Isophorone	7.73	82	663342	32.45	ng	100
26) 2-Nitrophenol	7.82	139	190994	35.41	ng	92
27) 2,4-Dimethylphenol	7.85	122	324068	31.82	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	428790	33.66	ng	99
29) 2,4-Dichlorophenol	8.05	162	292075	33.40	ng	100
30) 1,2,4-Trichlorobenzene	8.14	180	285444	32.64	ng	99
31) Naphthalene	8.22	128	980985	32.94	ng	99
33) 4-Chloroaniline	8.26	127	341926	27.50	ng	99
34) Hexachlorobutadiene	8.33	225	142381	31.61	ng	99
35) Caprolactam	8.63	113	62098	22.14	ng	94
36) 4-Chloro-3-methylphenol	8.75	107	318945	32.45	ng	96
37) 2-Methylnaphthalene	8.91	142	673587	34.79	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	260414	30.44	ng	99
40) Hexachlorocyclopentadiene	9.06	237	233280	59.66	ng	98
42) 2,4,6-Trichlorophenol	9.19	196	194144	32.03	ng	100

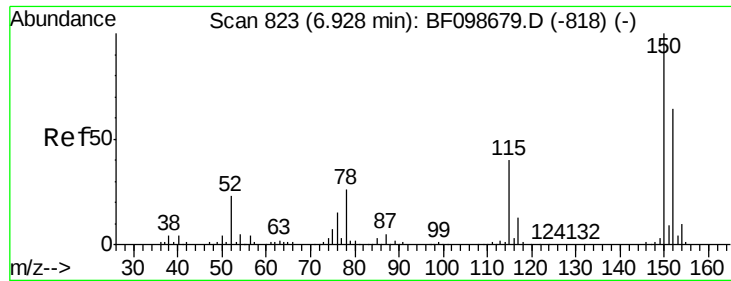
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098903.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	205837	34.02	nq	98
45) 1,1'-Biphenyl	9.37	154	762182	30.91	nq	99
46) 2-Chloronaphthalene	9.40	162	609120	32.90	nq	97
47) 2-Nitroaniline	9.50	65	202510	35.72	nq	95
48) Acenaphthylene	9.82	152	923898	32.60	nq	100
49) Dimethylphthalate	9.67	163	845818	39.06	nq	100
50) 2,6-Dinitrotoluene	9.74	165	160973	34.15	nq	93
51) Acenaphthene	9.99	154	602412	33.56	nq	100
52) 3-Nitroaniline	9.90	138	169547	30.84	nq	99
53) 2,4-Dinitrophenol	10.01	184	87661	38.94	nq	96
54) Dibenzofuran	10.16	168	830993	34.76	nq	98
55) 4-Nitrophenol	10.06	139	292620	62.96	nq	99
56) 2,4-Dinitrotoluene	10.14	165	214633	35.08	nq	99
57) Fluorene	10.50	166	636076	33.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	149009	35.65	nq	96
59) Diethylphthalate	10.37	149	702489	33.20	nq	98
60) 4-Chlorophenyl-phenylether	10.49	204	286114	33.15	nq	98
61) 4-Nitroaniline	10.52	138	173666	32.75	nq	97
62) Azobenzene	10.66	77	691235	35.53	nq	97
64) 4,6-Dinitro-2-methylphenol	10.55	198	87138	28.91	nq	82
65) n-Nitrosodiphenylamine	10.62	169	571855	33.32	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	162671	33.55	nq	95
67) Hexachlorobenzene	11.05	284	160180	30.93	nq	95
68) Atrazine	11.14	200	174411	33.78	nq	99
69) Pentachlorophenol	11.24	266	167283	51.90	nq	99
70) Phenanthrene	11.47	178	897900	33.86	nq	99
71) Anthracene	11.52	178	904566	33.34	nq	100
72) Carbazole	11.67	167	823754	31.00	nq	99
73) Di-n-butylphthalate	12.00	149	1074519	33.60	nq	99
74) Fluoranthene	12.66	202	877544	32.68	nq	100
76) Benzidine	12.77	184	342030	36.84	nq	97
77) Pyrene	12.89	202	855489	44.69	nq	100
79) Butylbenzylphthalate	13.50	149	376887	41.89	nq	94
80) Benzo(a)anthracene	14.07	228	526767	34.65	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	171164	30.72	nq	97
82) Chrysene	14.11	228	489460	33.82	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	508474	41.05	nq	# 100
84) Di-n-octyl phthalate	14.66	149	694212	34.80	nq	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	554356	47.88	nq	97
87) Benzo(b)fluoranthene	15.13	252	496586	33.04	nq	# 97
88) Benzo(k)fluoranthene	15.16	252	424957	28.63	nq	98
89) Benzo(a)pyrene	15.51	252	462956	33.56	nq	# 97
90) Dibenzo(a,h)anthracene	17.11	278	456627	41.36	nq	99
91) Benzo(g,h,i)perylene	17.55	276	457959	41.96	nq	96

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

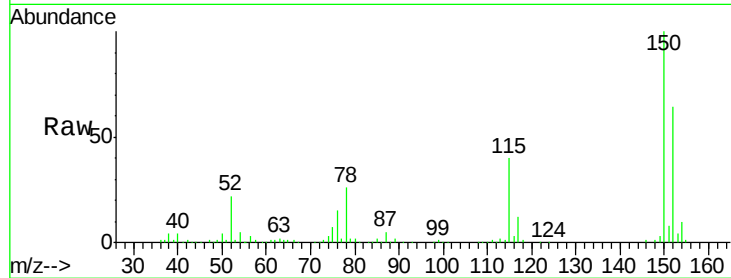


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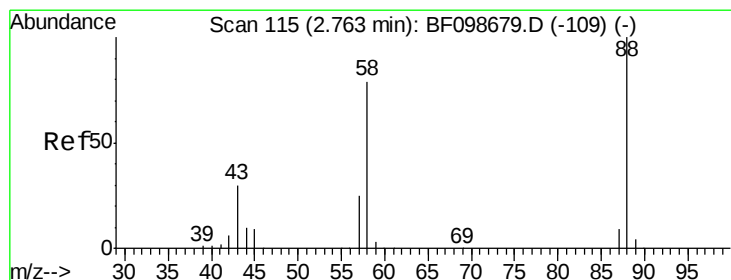
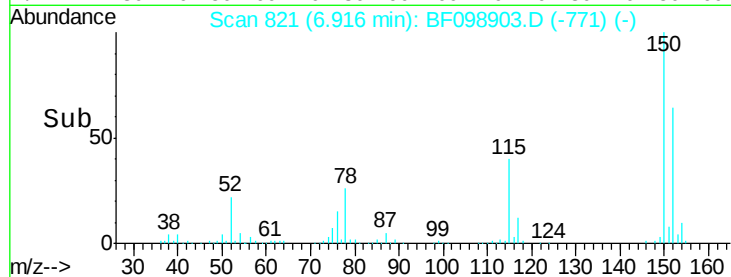
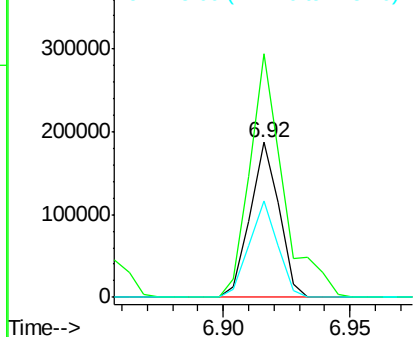
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149287
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 62.3 50.1 75.1



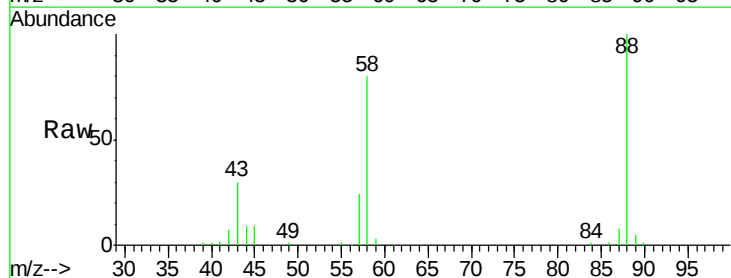
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



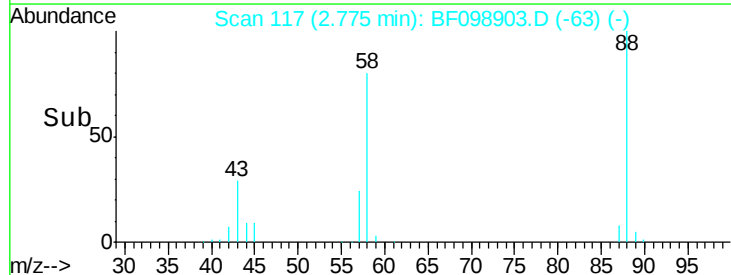
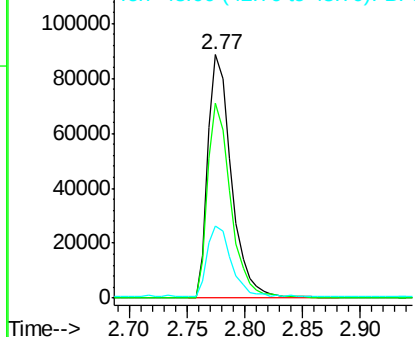
#2

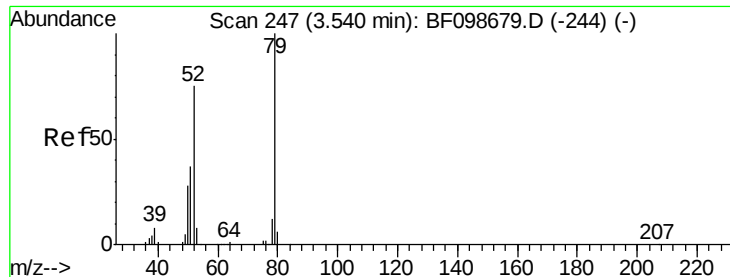
1,4-Dioxane
Concen: 28.24 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.02 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion: 88 Resp: 126504
Ion Ratio Lower Upper
88 100
58 78.8 62.6 93.8
43 29.3 24.6 37.0



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





#3

Pvridine

Concen: 27.70 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.02 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampleId :

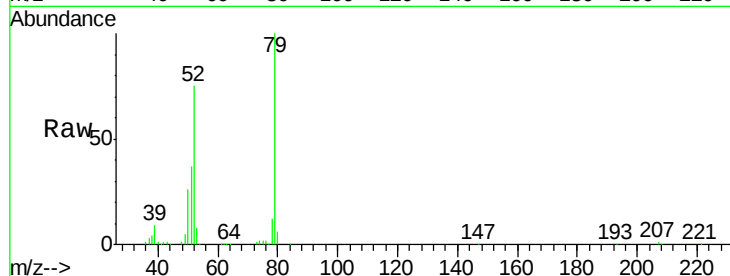
Tot Ion: 79 Resp: 335711

Ion Ratio Lower Upper

79 100

52 75.3 59.8 89.6

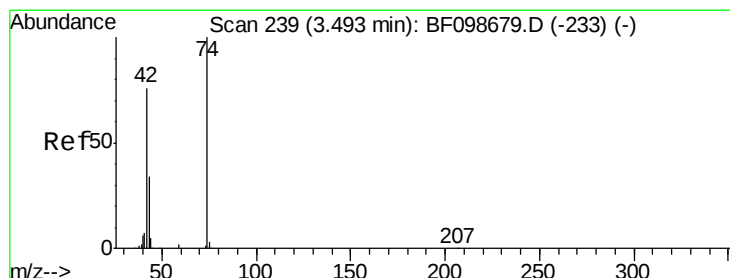
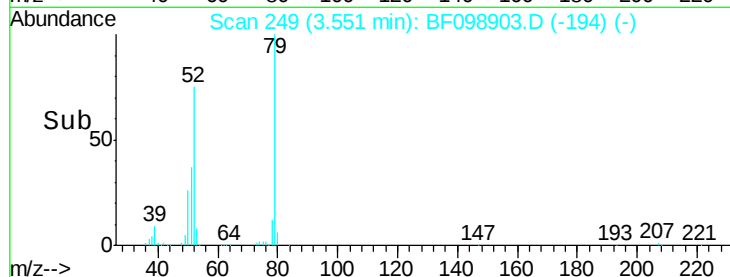
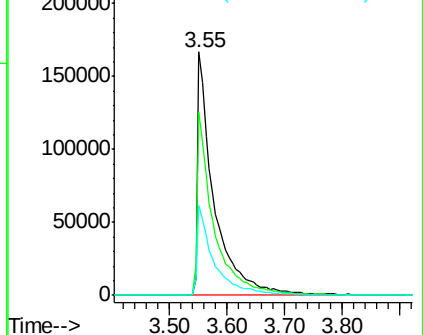
51 36.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.02 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

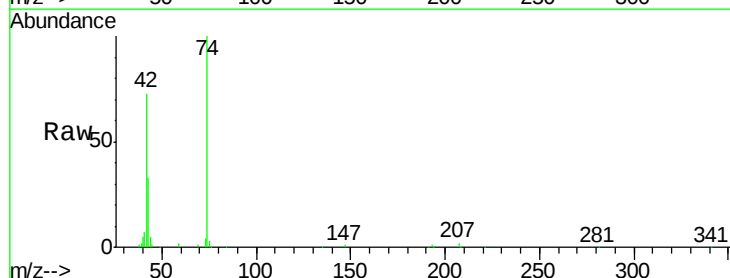
Tgt Ion: 42 Resp: 174825

Ion Ratio Lower Upper

42 100

74 136.5 104.9 157.3

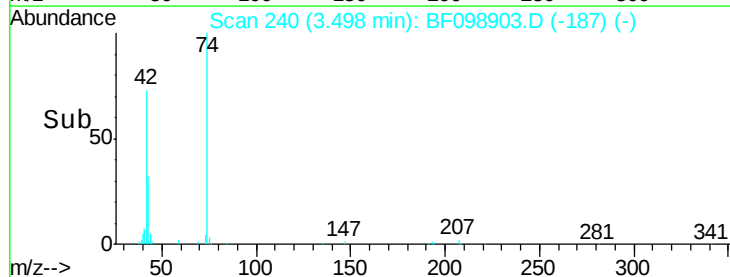
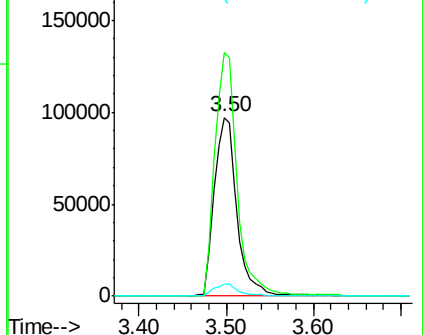
44 6.9 6.9 10.3

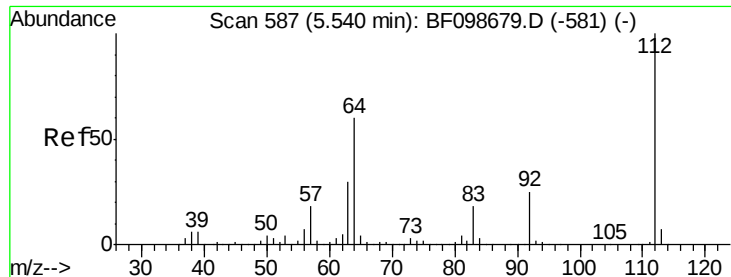


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 97.74 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampled :

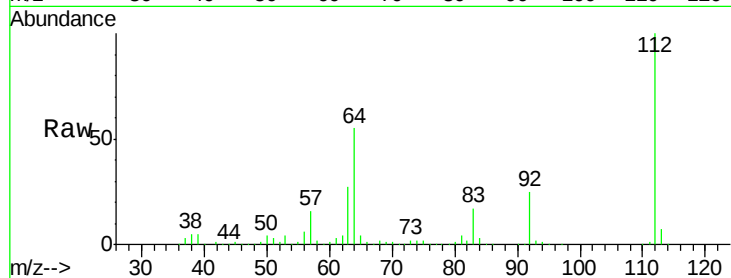
Tot Ion: 112 Resp: 916576

Ion Ratio Lower Upper

112 100

64 54.7 47.9 71.9

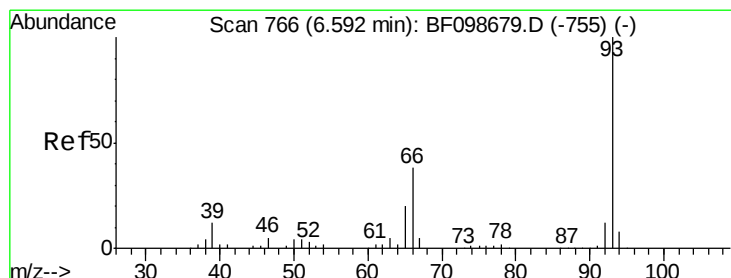
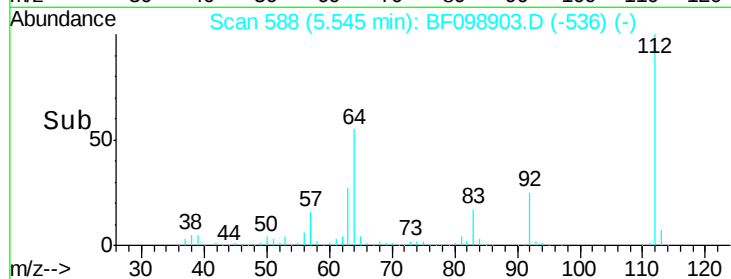
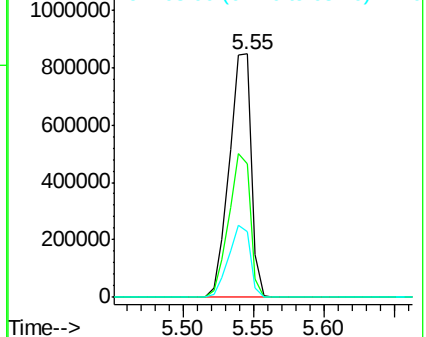
63 27.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.68 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

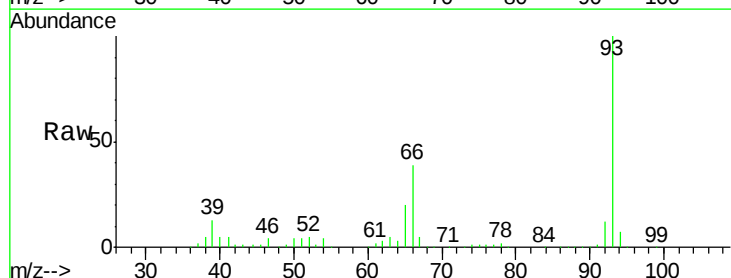
Tgt Ion: 93 Resp: 432198

Ion Ratio Lower Upper

93 100

66 39.2 32.2 48.2

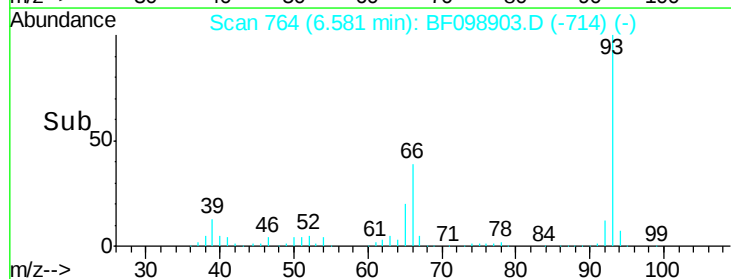
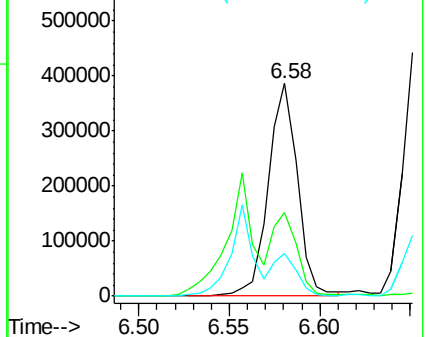
65 20.1 16.4 24.6

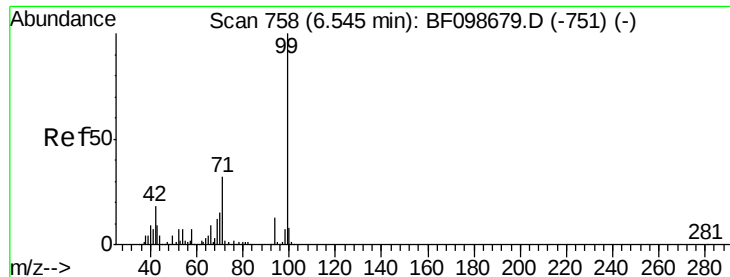


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 97.99 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

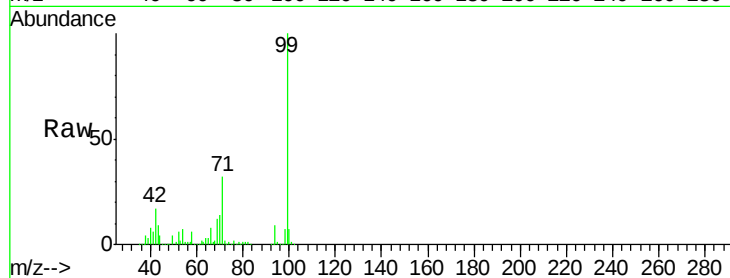
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1133591

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.5	21.7
71	31.6	25.4	38.0

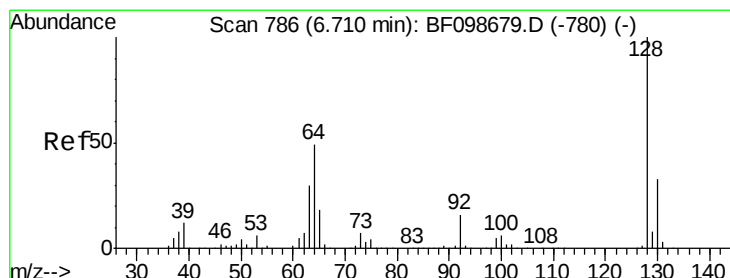
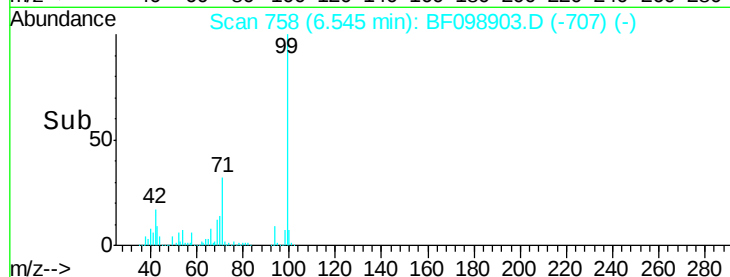
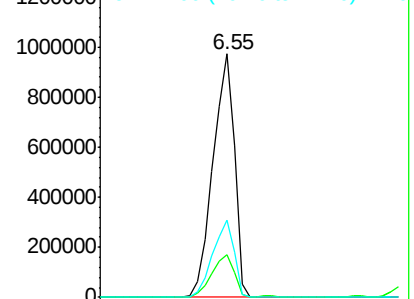


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.85 ng

RT: 6.70 min Scan# 785

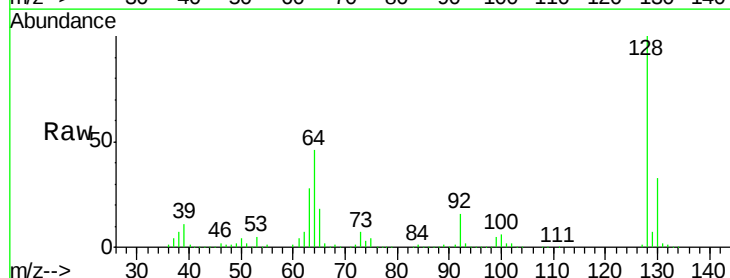
Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Tgt Ion: 128 Resp: 348885

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	46.3	29.4	69.4

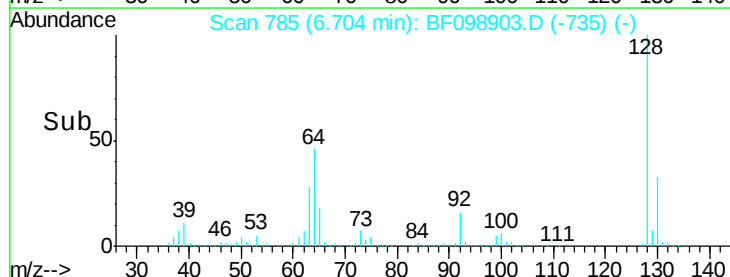
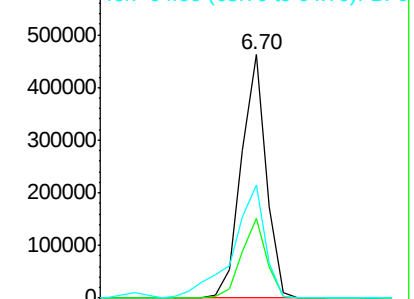


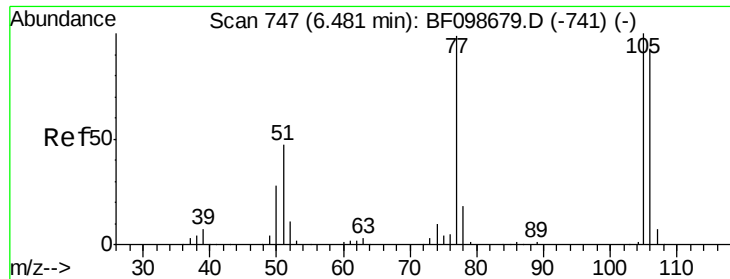
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

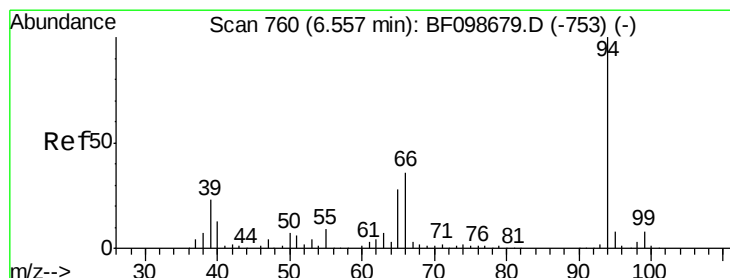
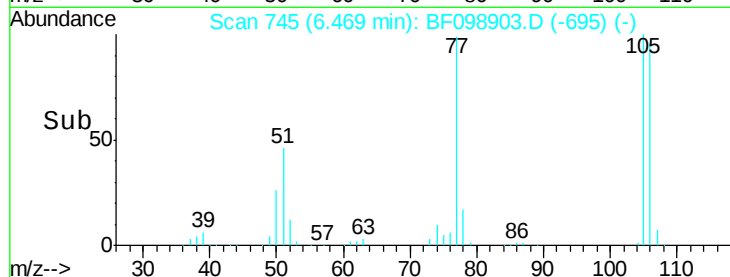
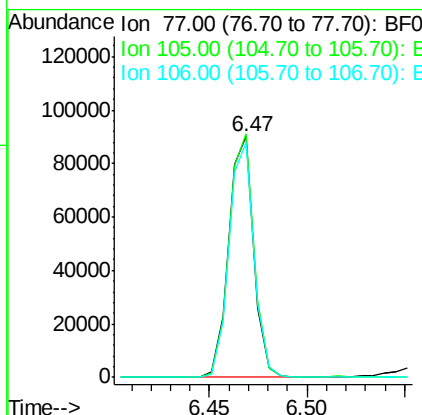
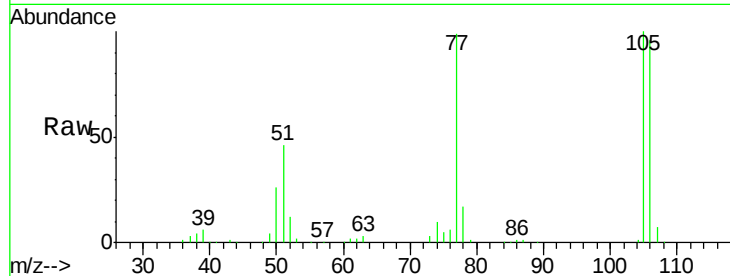




#9
Benzaldehyde
Concen: 11.83 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

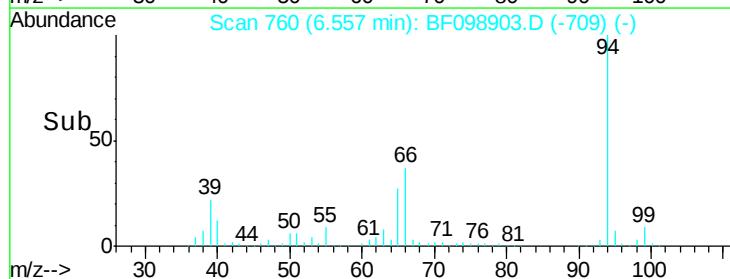
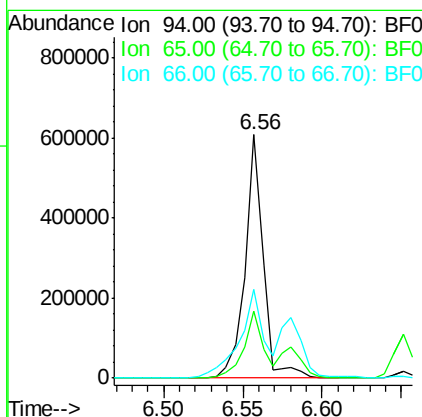
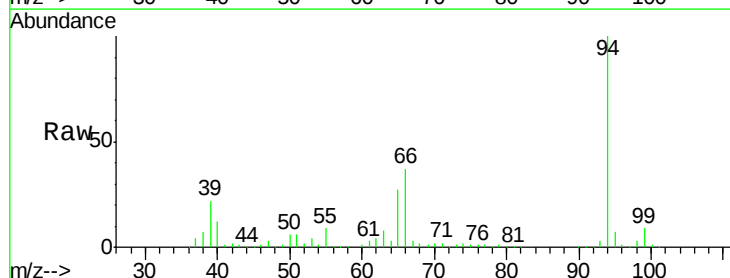
Instrument :
BNA_F
ClientSampleId :

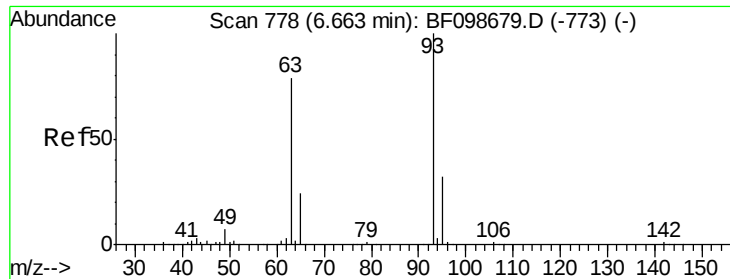
Tot Ion: 77 Resp: 79397
Ion Ratio Lower Upper
77 100
105 101.3 81.1 121.1
106 97.6 74.5 114.5



#10
Phenol
Concen: 36.93 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion: 94 Resp: 477803
Ion Ratio Lower Upper
94 100
65 27.3 7.9 47.9
66 36.6 16.2 56.2

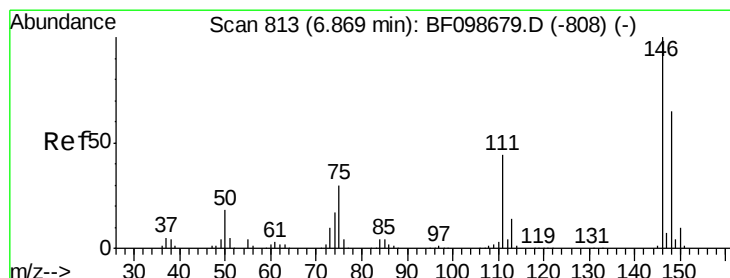
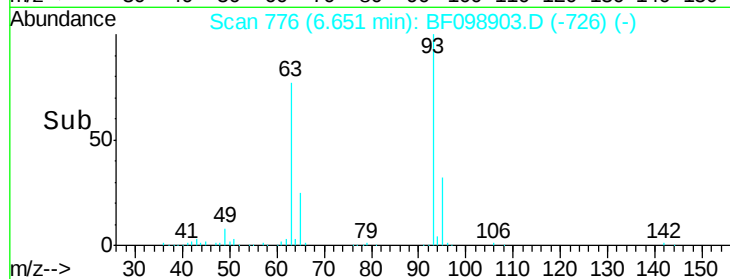
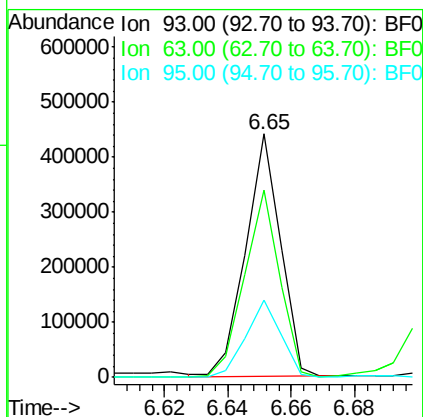
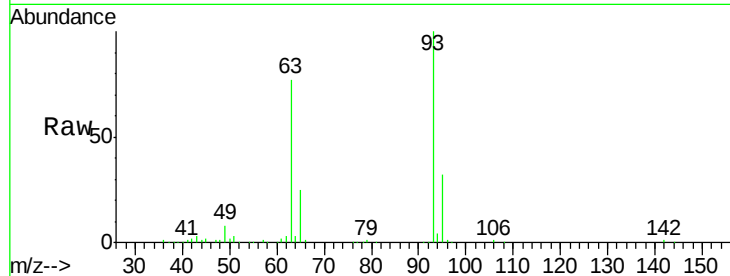




#11
 bis(2-Chloroethyl)ether
 Concen: 33.47 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

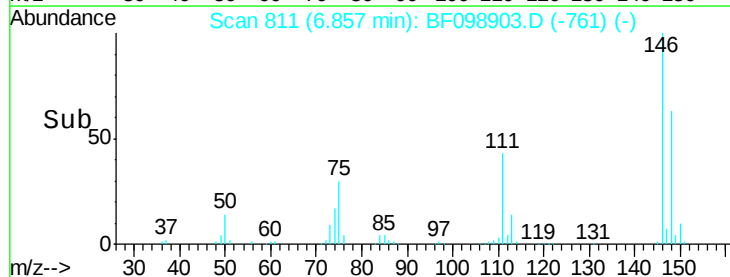
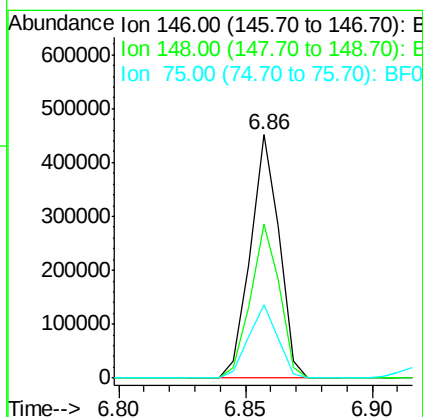
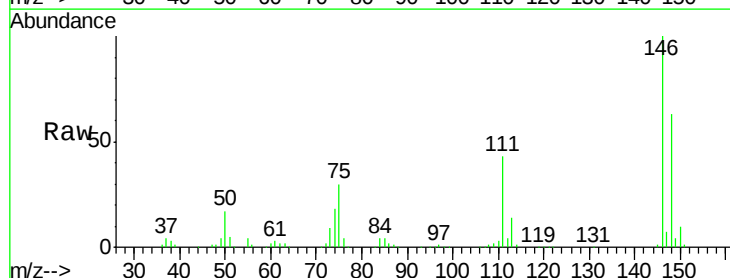
Instrument :
 BNA_F
 ClientSampleId :

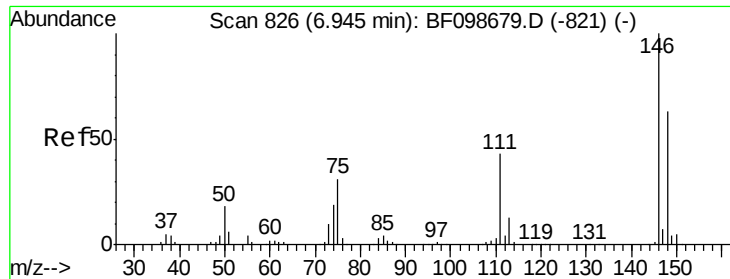
Tot Ion: 93 Resp: 336618
 Ion Ratio Lower Upper
 93 100
 63 77.1 58.6 98.6
 95 31.8 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 31.99 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion: 146 Resp: 355841
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.8 77.8
 75 30.3 24.2 36.4

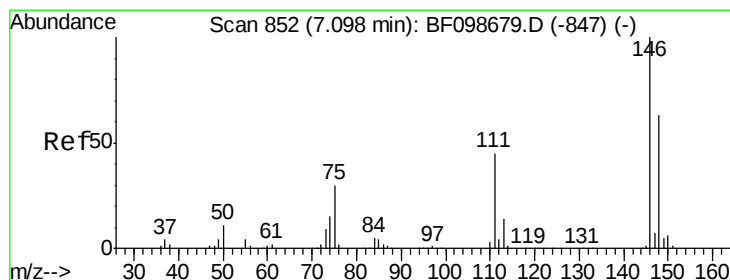
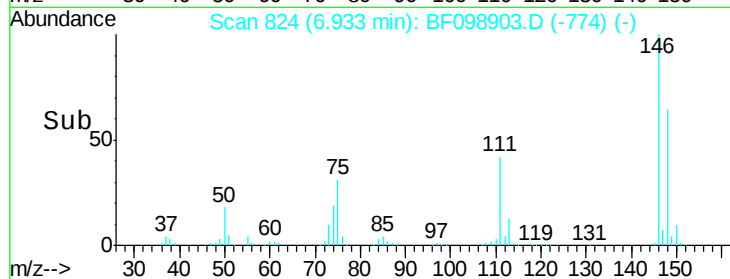
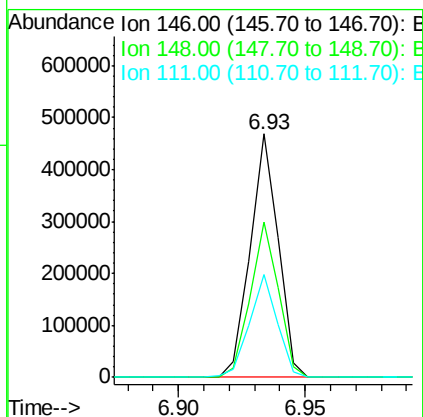
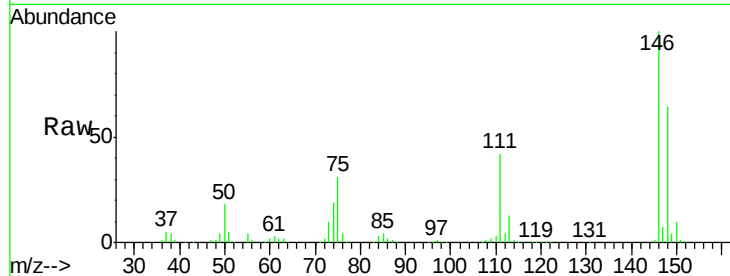




#13
 1,4-Dichlorobenzene
 Concen: 31.95 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

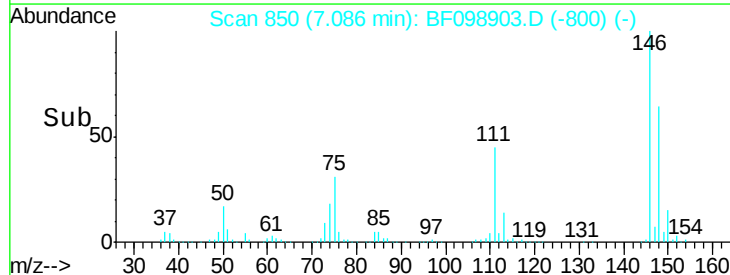
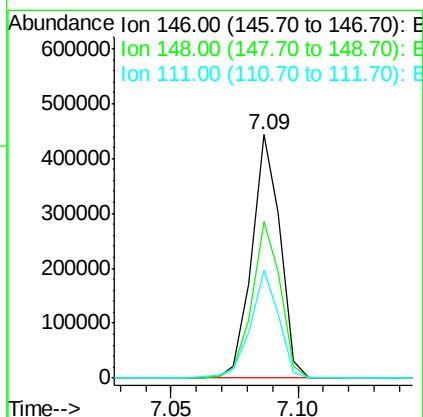
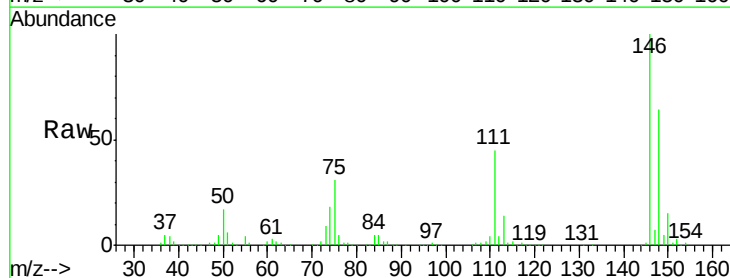
Instrument :
 BNA_F
 ClientSampleId :

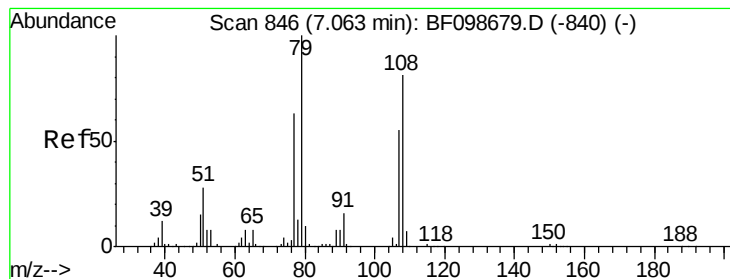
Tot Ion:146 Resp: 361522
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 42.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 32.79 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion:146 Resp: 342906
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 44.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.22 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampled :

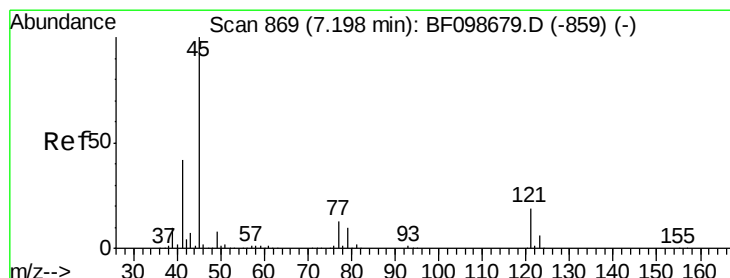
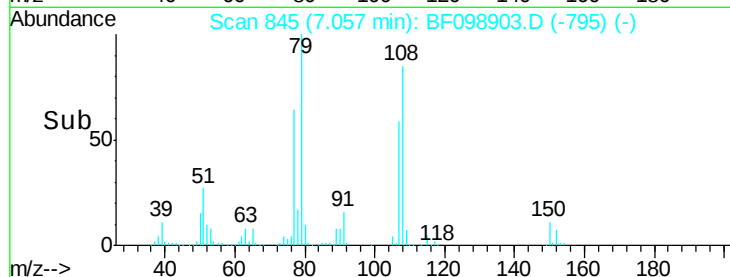
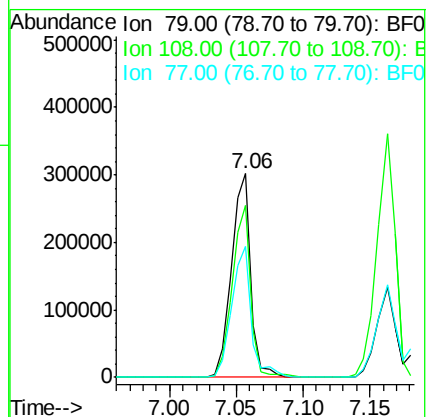
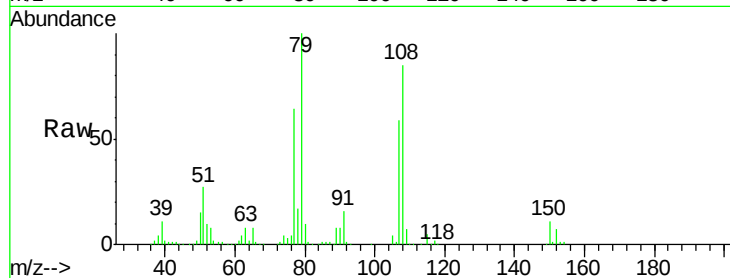
Tot Ion: 79 Resp: 307370

Ion Ratio Lower Upper

79 100

108 84.6 65.1 97.7

77 64.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.58 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

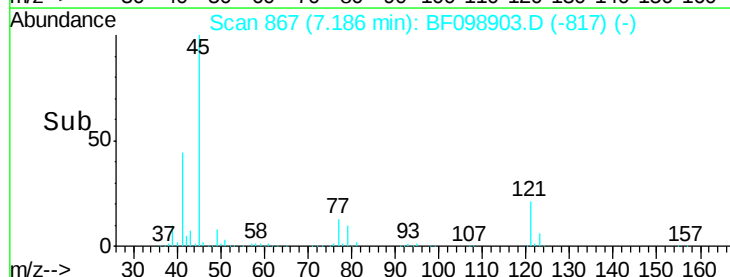
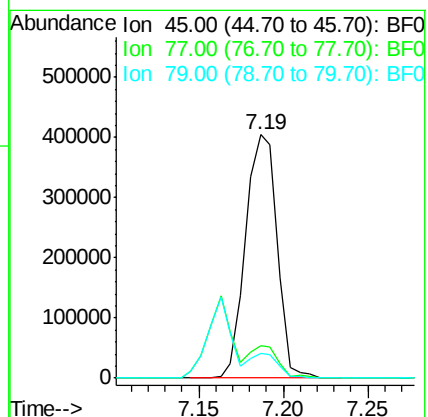
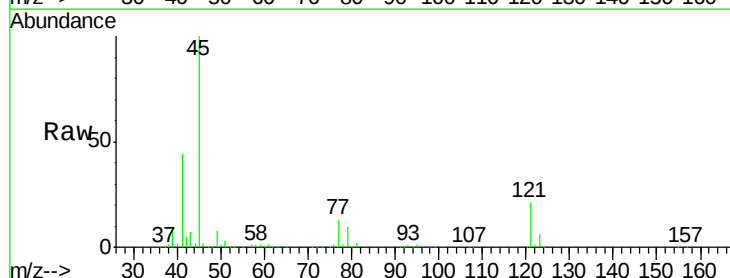
Tgt Ion: 45 Resp: 526233

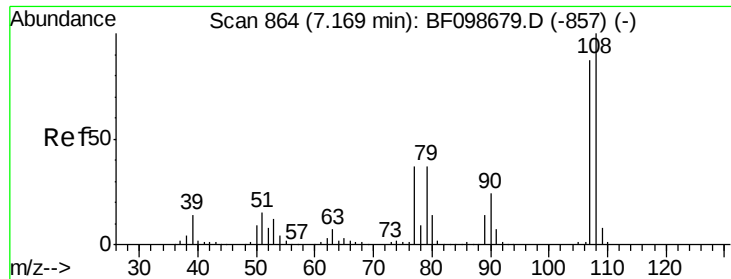
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 10.3 0.0 29.6

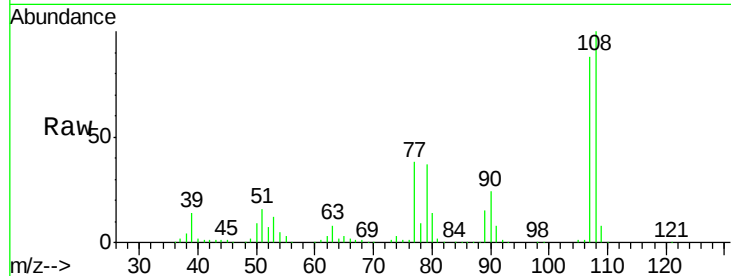




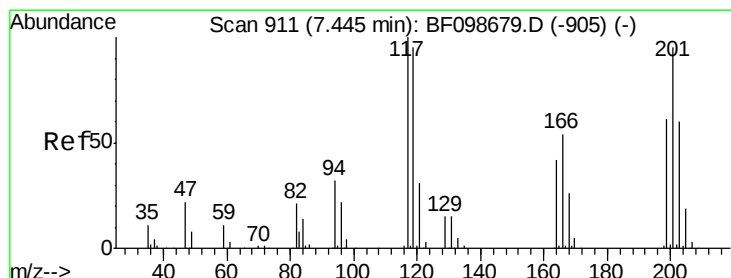
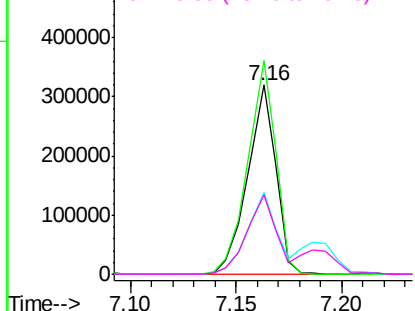
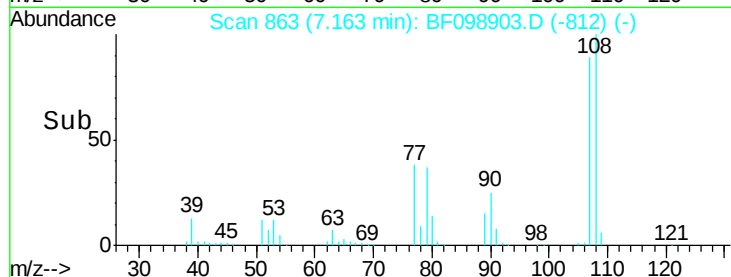
#17
2-Methylphenol
Concen: 34.23 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	297437
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	43.1	33.8	50.8
79	42.0	33.8	50.8

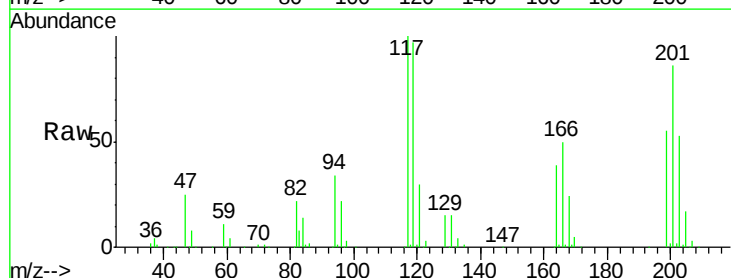


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

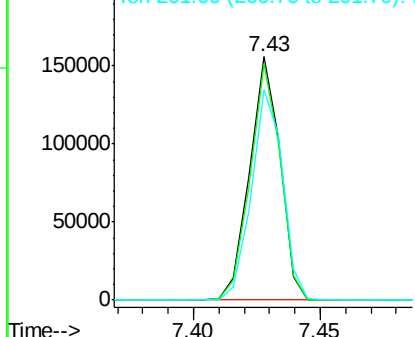
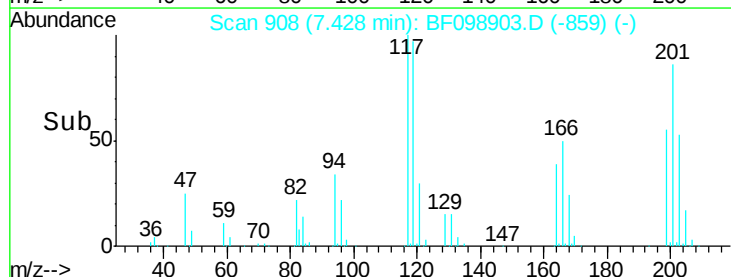


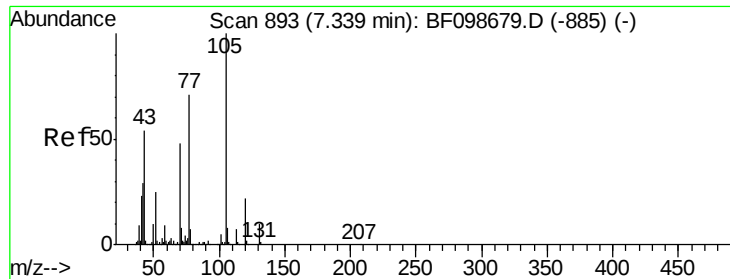
#18
Hexachloroethane
Concen: 32.11 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion:	117	Resp:	130616
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	86.2	75.7	113.5



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

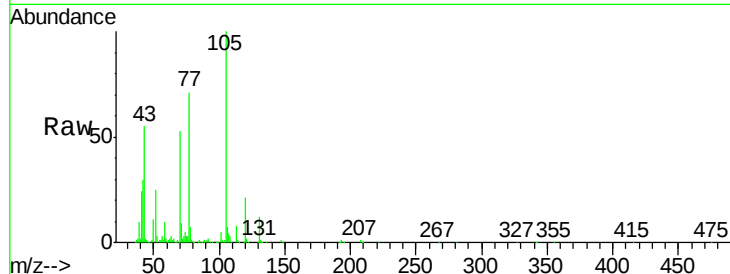




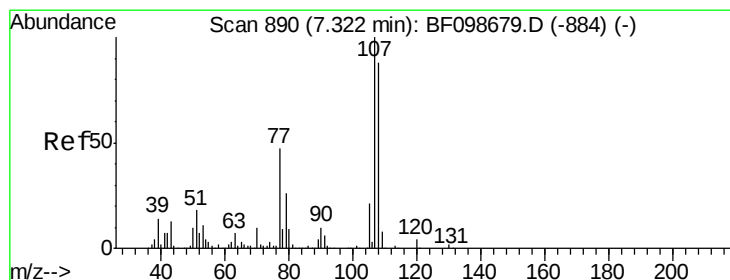
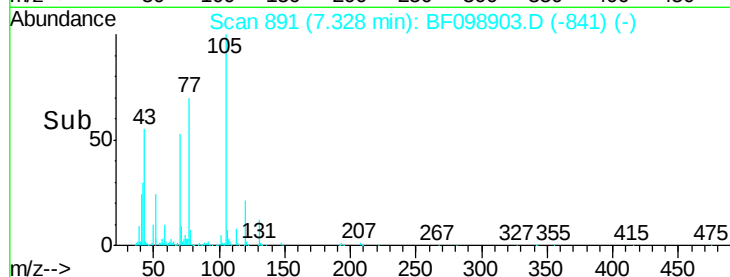
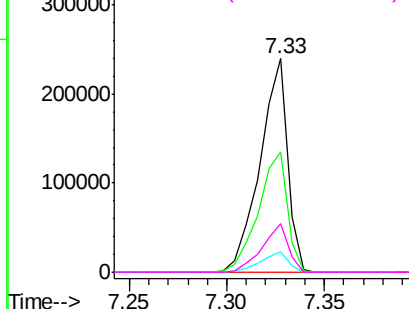
#19
n-Nitroso-di-n-propylamine
Concen: 31.77 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 234681
Ion Ratio Lower Upper
70 100
42 56.6 47.5 71.3
101 9.7 7.4 11.2
130 23.0 16.6 25.0

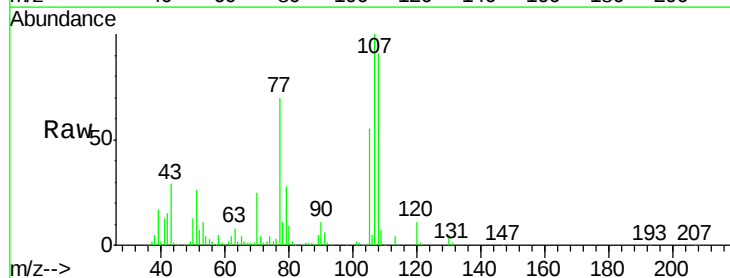


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

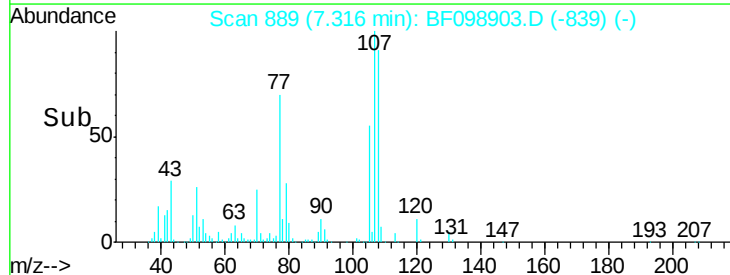
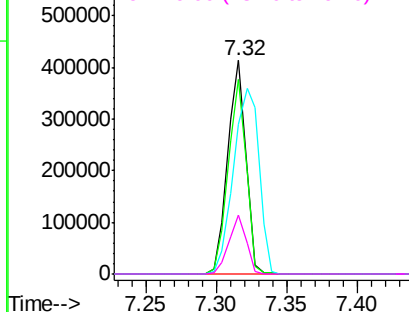


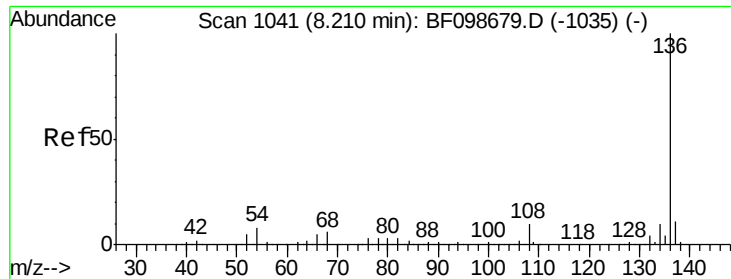
#20
3+4-Methylphenols
Concen: 33.60 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion: 107 Resp: 369414
Ion Ratio Lower Upper
107 100
108 91.0 68.2 108.2
77 70.1 26.7 66.7#
79 27.7 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 634055

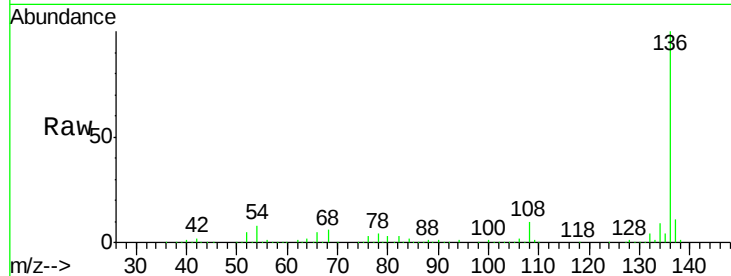
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.4 6.6 9.8

68 6.3 5.0 7.4

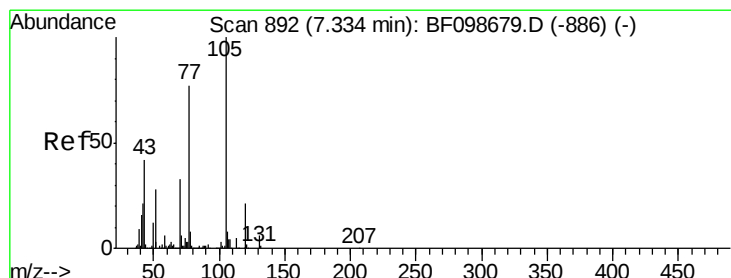
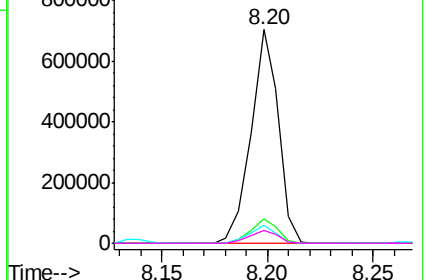
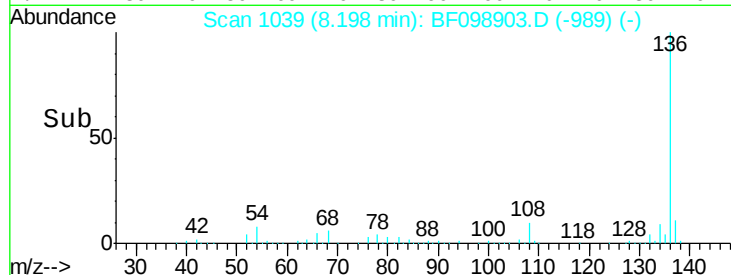


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 30.95 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Tgt Ion:105 Resp: 475463

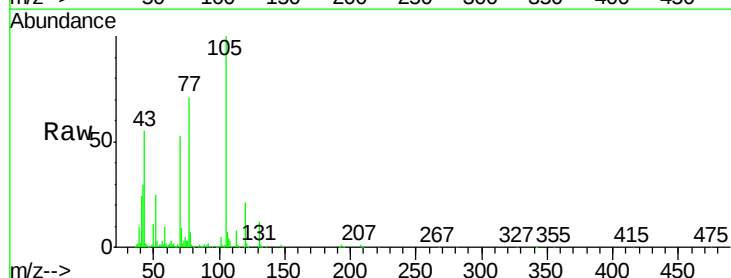
Ion Ratio Lower Upper

105 100

71 9.0 4.4 6.6#

51 24.6 22.3 33.5

120 21.2 16.9 25.3

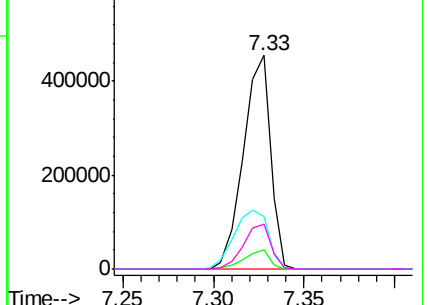
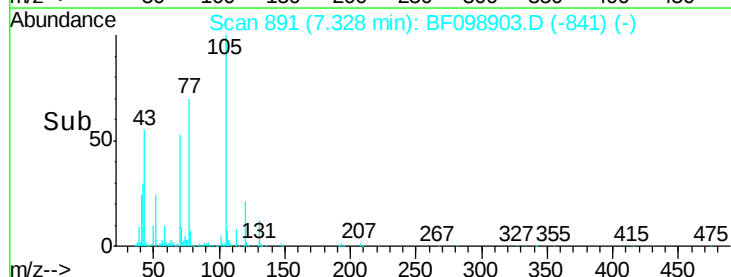


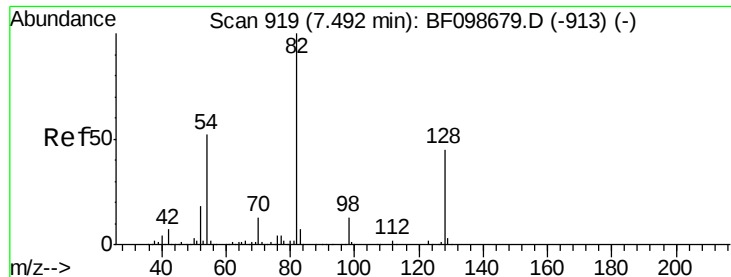
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

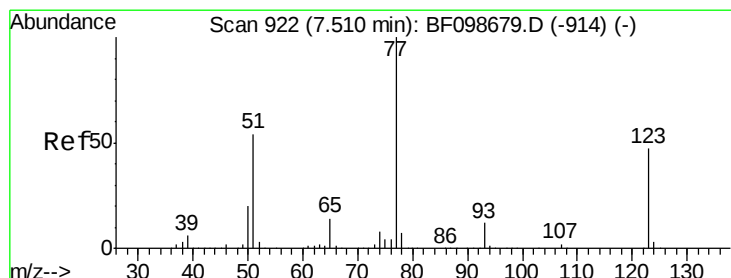
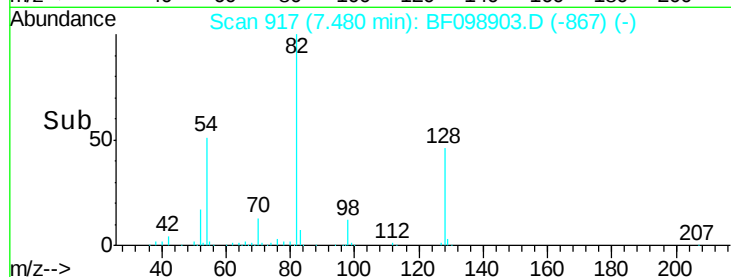
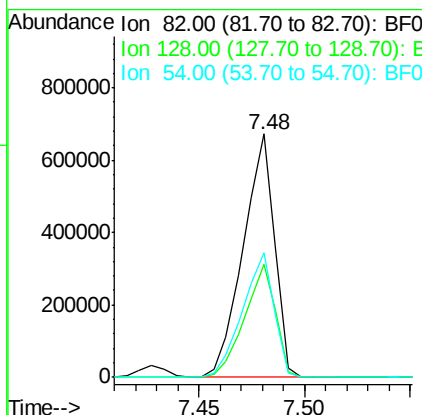
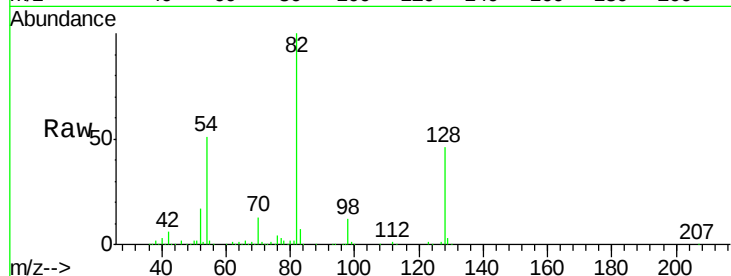




#23
 Nitrobenzene-d5
 Concen: 70.07 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

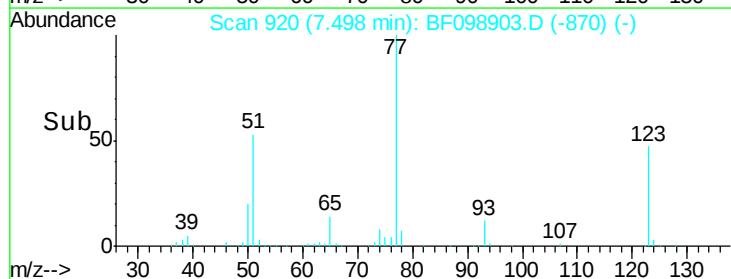
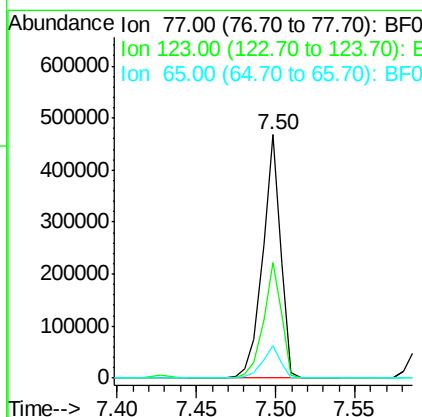
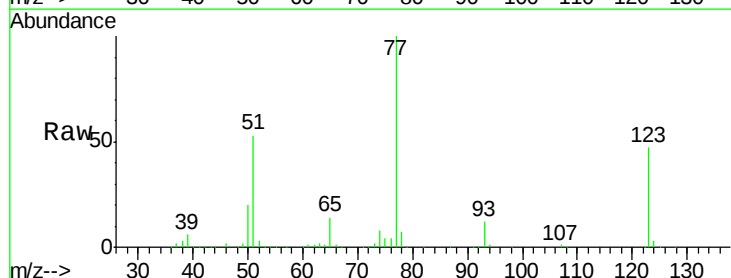
Instrument :
 BNA_F
 ClientSampled :

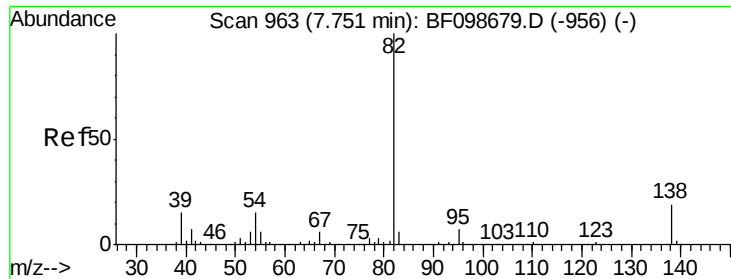
Tot Ion	82	Resp	692758
Ion Ratio	100	Lower	Upper
128	46.5	36.1	54.1
54	51.3	41.4	62.2



#24
 Nitrobenzene
 Concen: 33.24 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion	77	Resp	372851
Ion Ratio	100	Lower	Upper
123	47.2	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 32.45 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampleId :

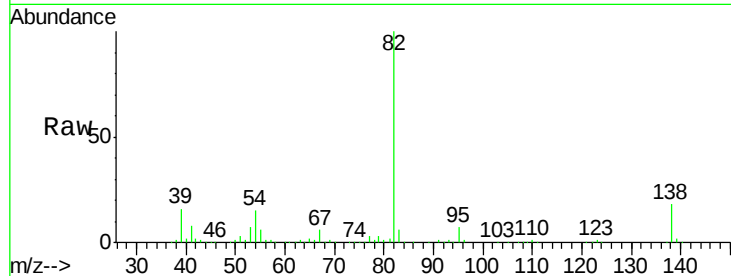
Tot Ion: 82 Resp: 663342

Ion Ratio Lower Upper

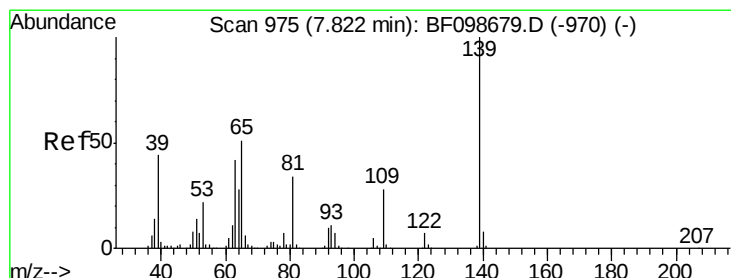
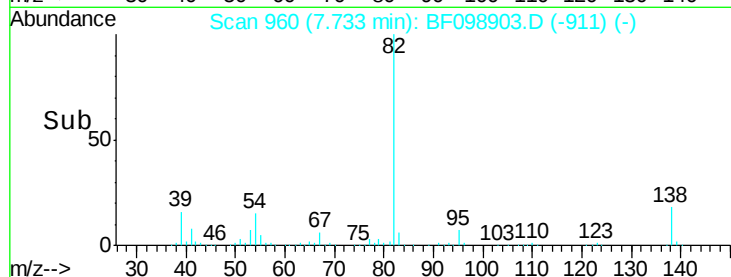
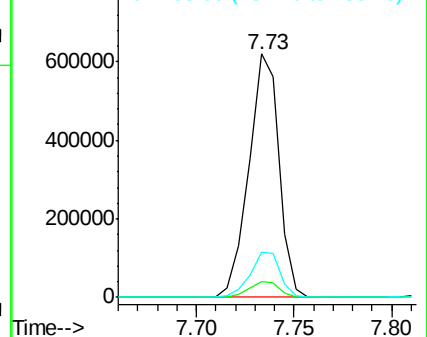
82 100

95 6.5 5.2 7.8

138 18.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 35.41 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

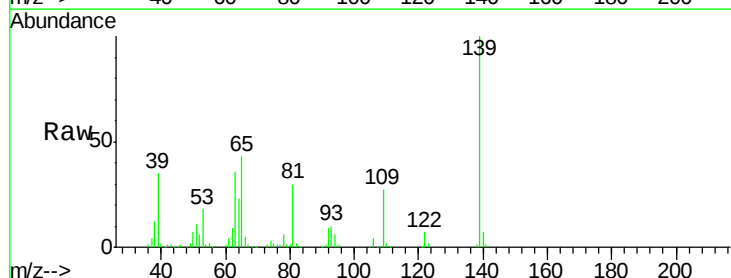
Tgt Ion: 139 Resp: 190994

Ion Ratio Lower Upper

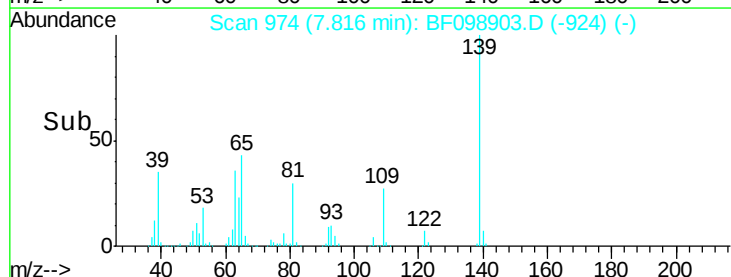
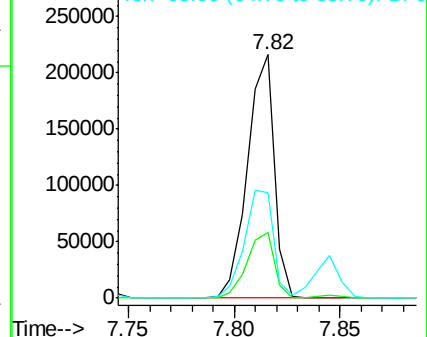
139 100

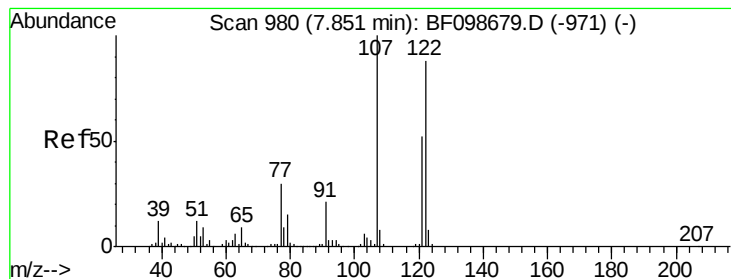
109 27.0 22.7 34.1

65 43.3 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 31.82 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampleId :

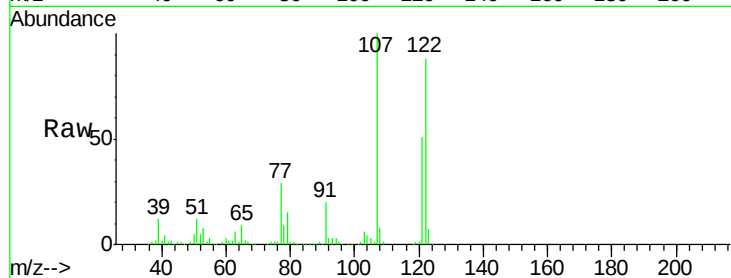
Tot Ion:122 Resp: 324068

Ion Ratio Lower Upper

122 100

107 114.2 91.2 136.8

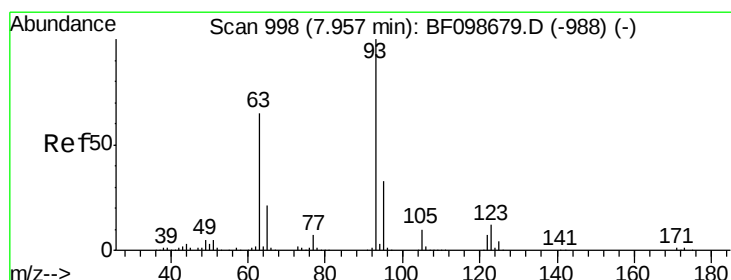
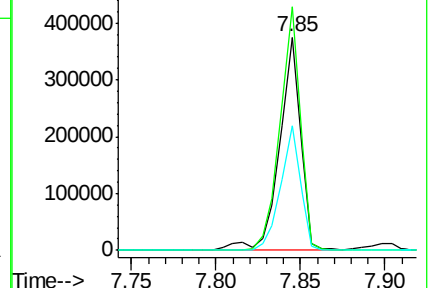
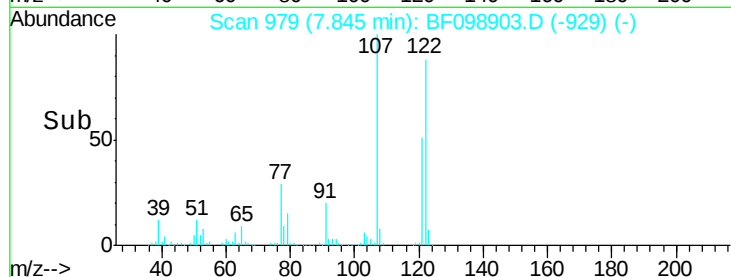
121 58.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.66 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

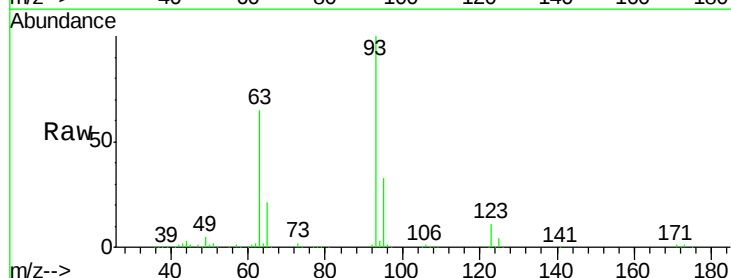
Tgt Ion: 93 Resp: 428790

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

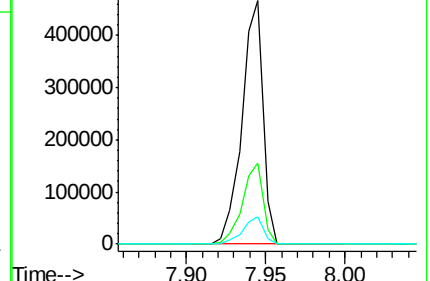
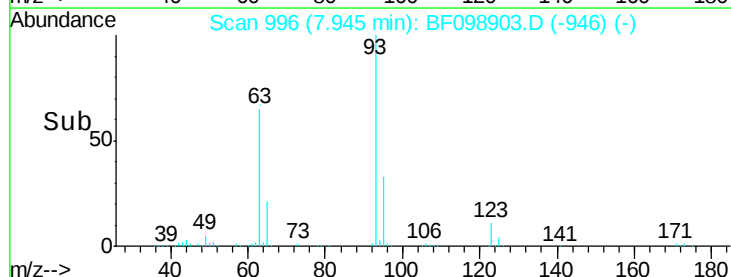
123 11.2 9.8 14.6

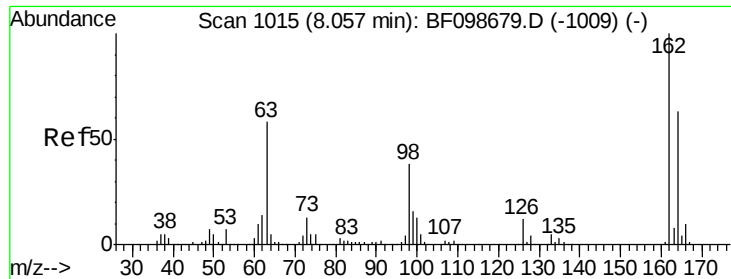


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

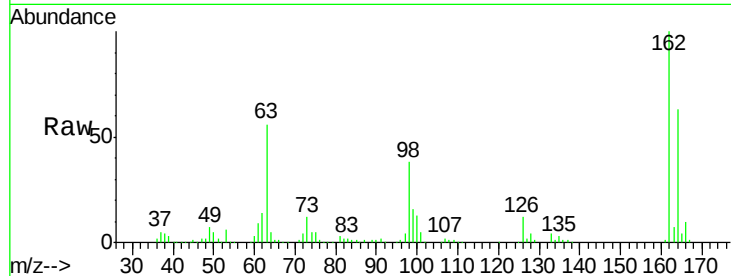




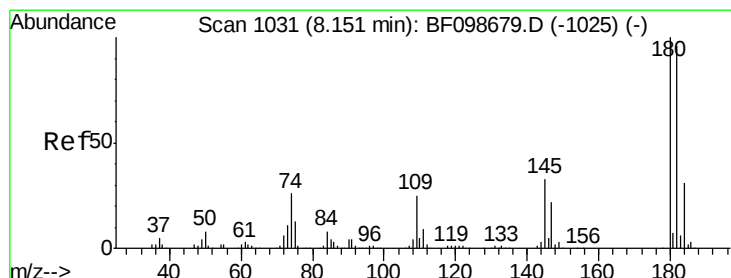
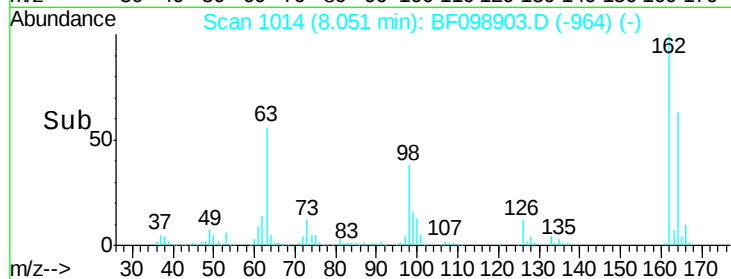
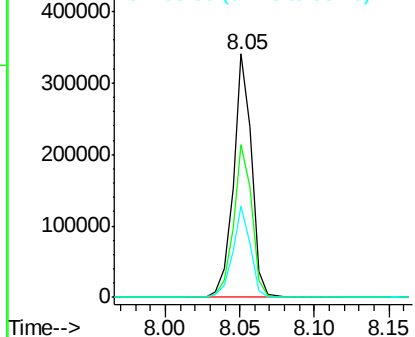
#29
 2,4-Dichlorophenol
 Concen: 33.40 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.7	82.7
98	37.6	18.1	58.1

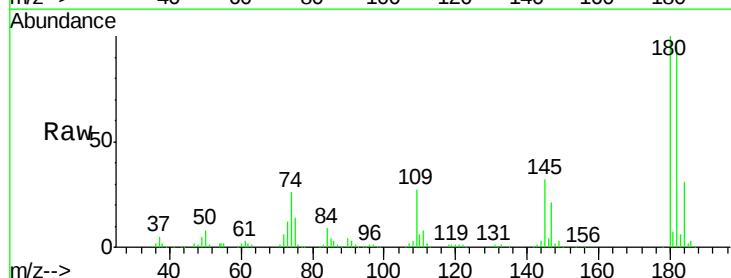


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

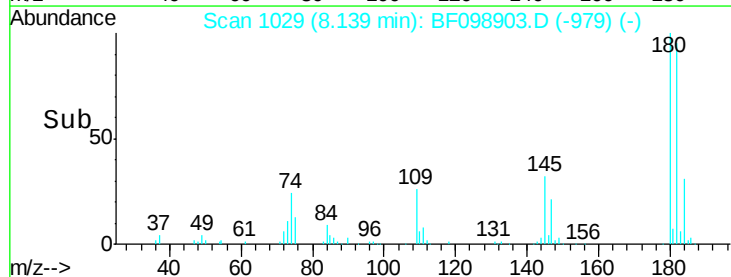
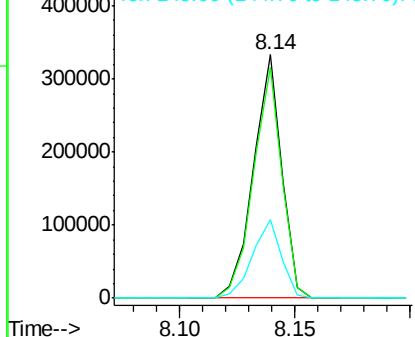


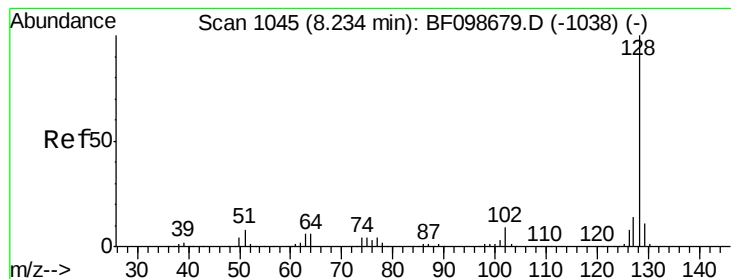
#30
 1,2,4-Trichlorobenzene
 Concen: 32.64 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	32.3	26.5	39.7



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





#31

Naphthalene

Concen: 32.94 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampleId :

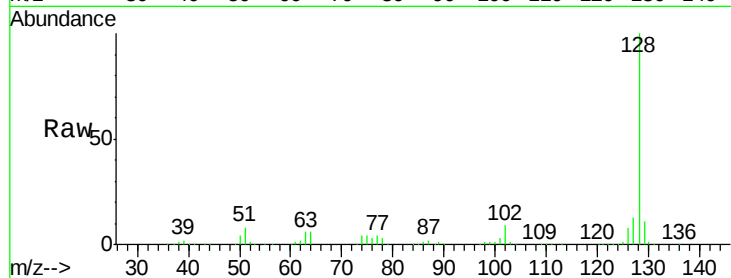
Tot Ion:128 Resp: 980985

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

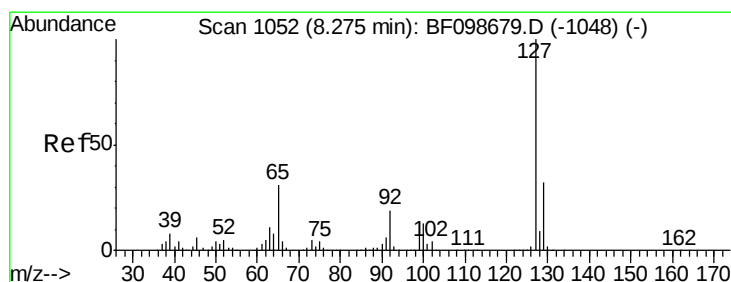
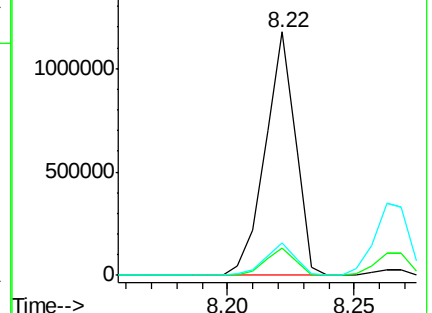
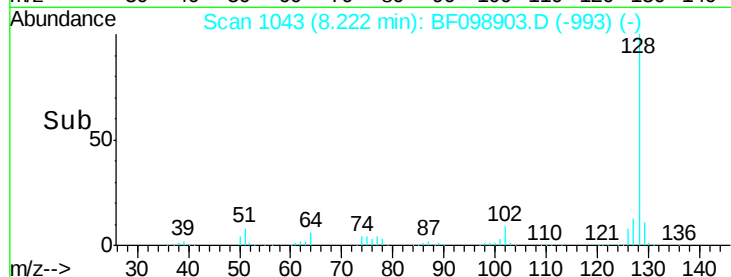
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 27.50 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Tgt Ion:127 Resp: 341926

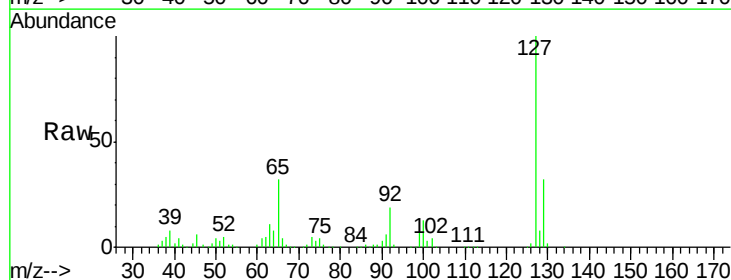
Ion Ratio Lower Upper

127 100

129 31.8 25.9 38.9

65 31.8 25.0 37.4

92 19.5 15.2 22.8

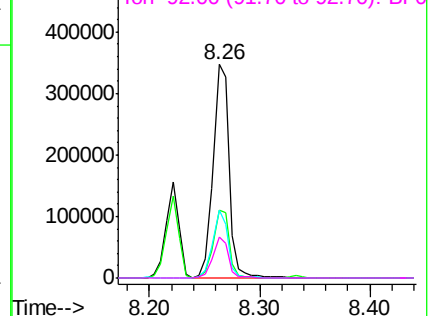
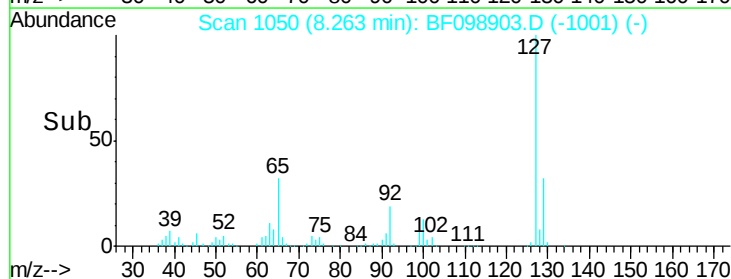


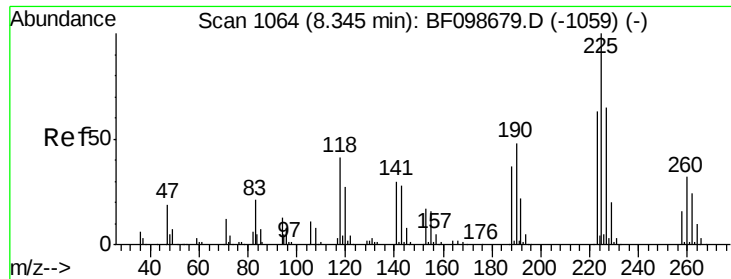
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

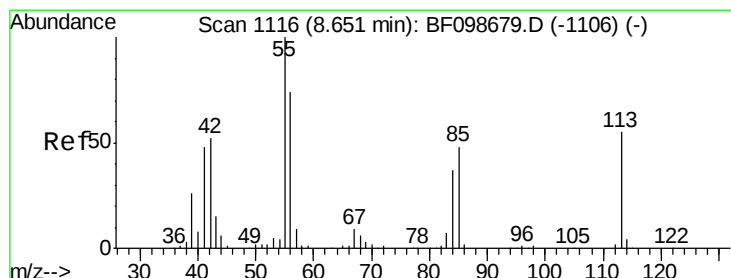
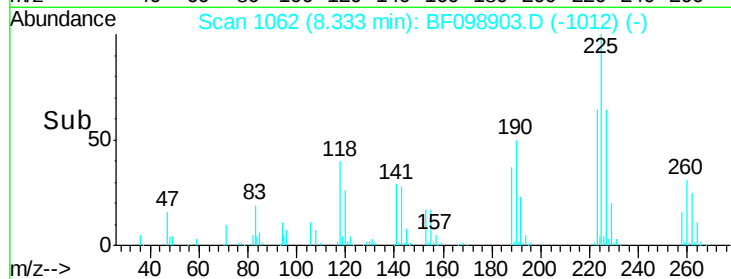
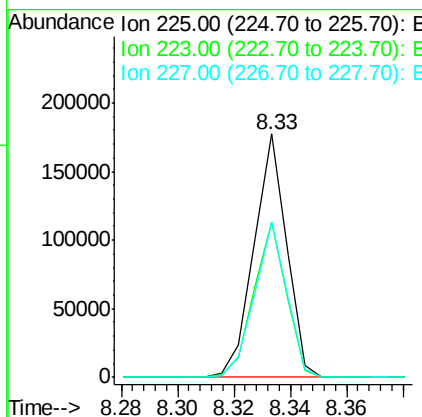
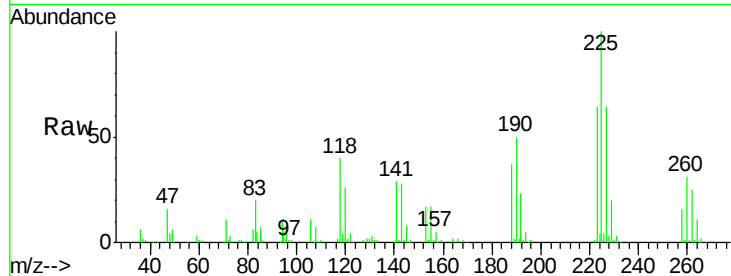




#34
 Hexachlorobutadiene
 Concen: 31.61 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

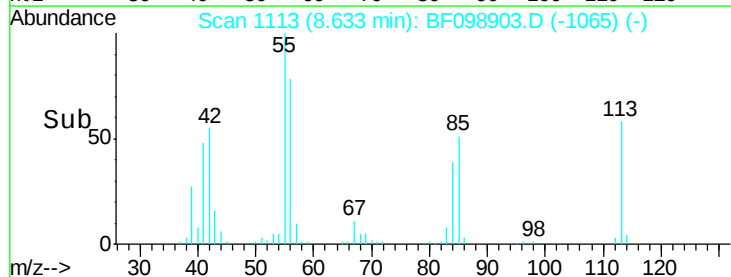
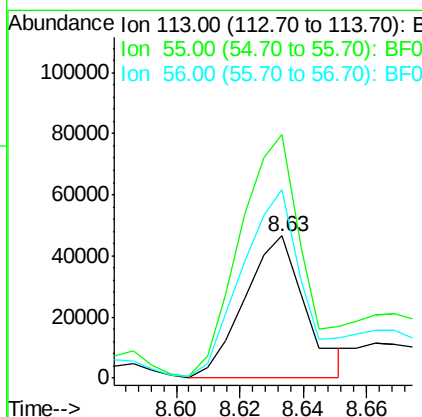
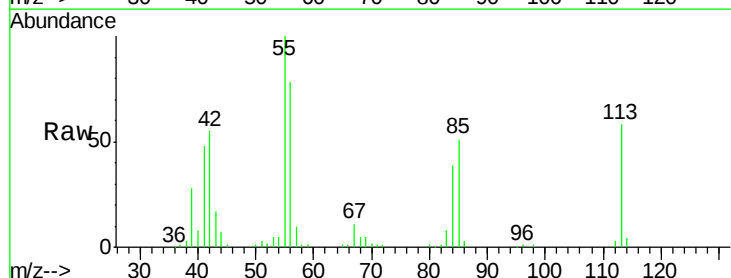
Instrument :
 BNA_F
 ClientSampled :

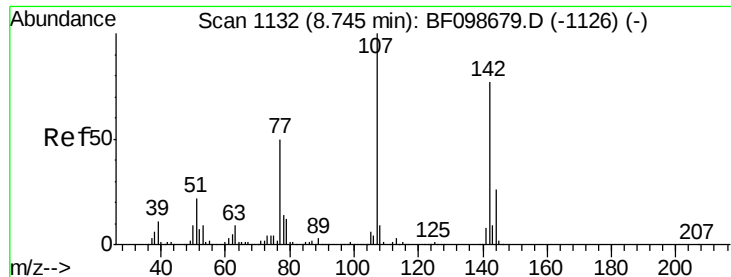
Tot Ion:225 Resp: 142381
 Ion Ratio Lower Upper
 225 100
 223 63.7 50.6 76.0
 227 63.6 51.9 77.9



#35
 Caprolactam
 Concen: 22.14 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.02 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion:113 Resp: 62098
 Ion Ratio Lower Upper
 113 100
 55 171.0 163.3 203.3
 56 132.8 115.7 155.7

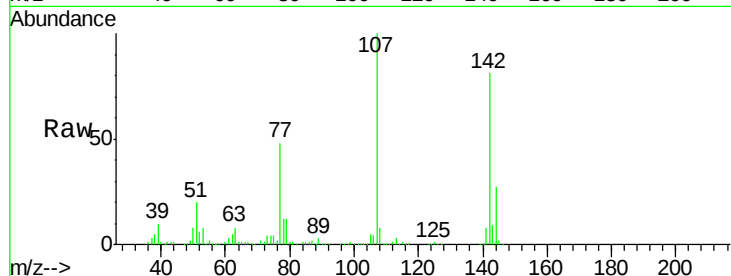




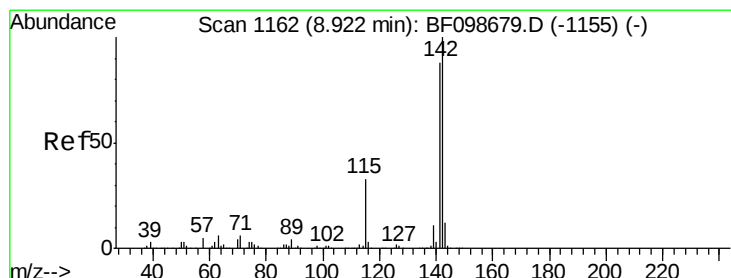
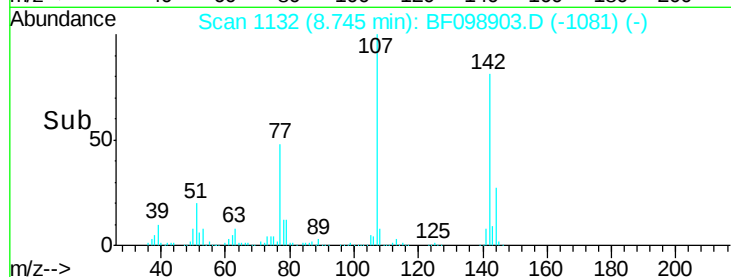
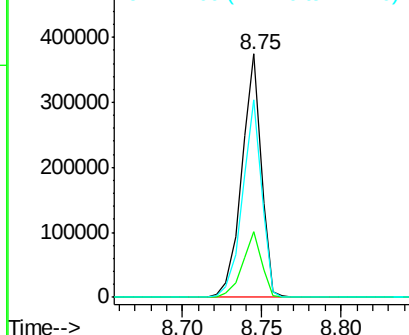
#36
 4-Chloro-3-methylphenol
 Concen: 32.45 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.5	30.7
142	81.0	62.0	93.0

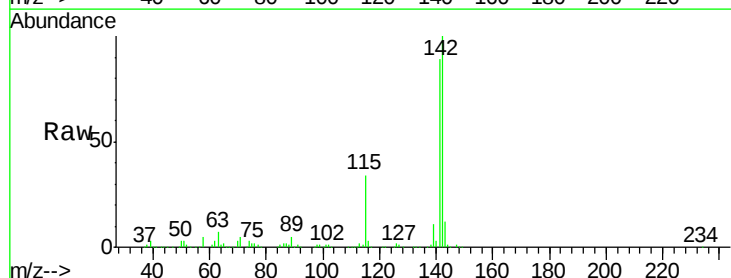


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

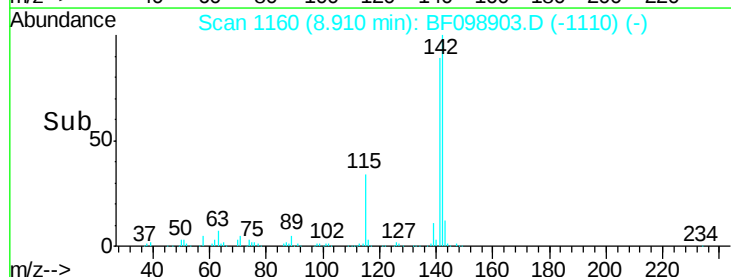
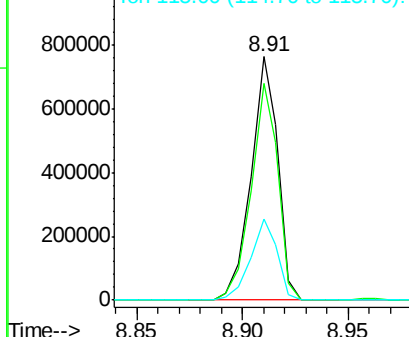


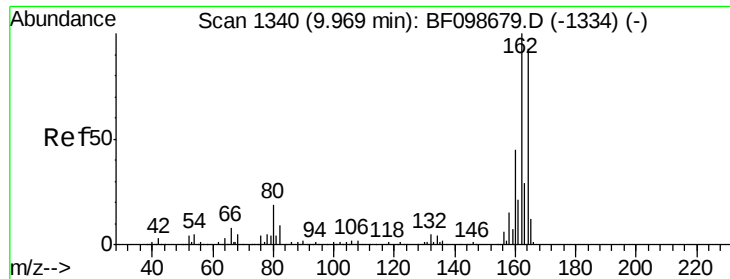
#37
 2-Methylnaphthalene
 Concen: 34.79 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	33.5	26.1	39.1



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

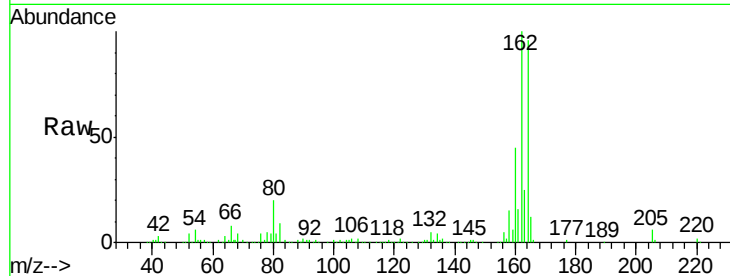




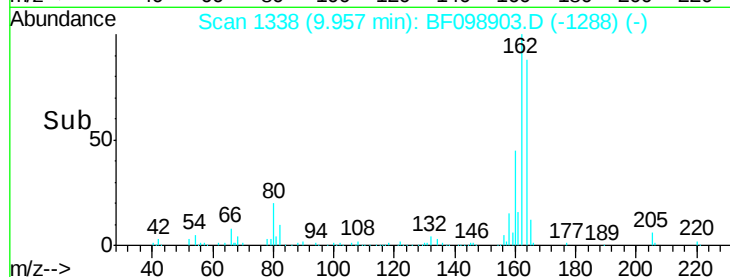
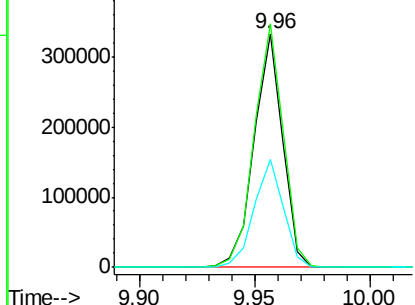
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.4	38.3	57.5



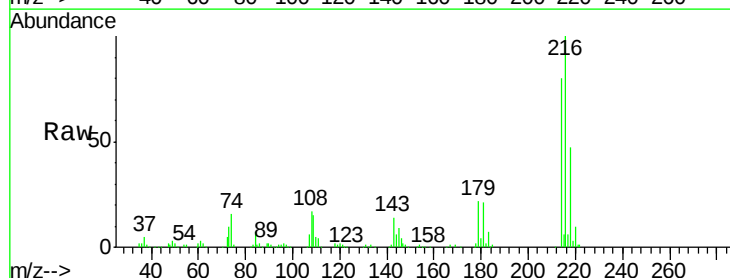
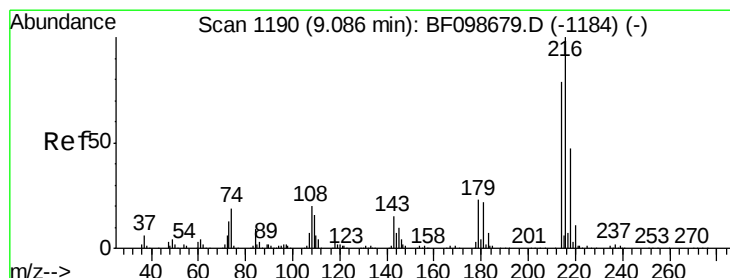
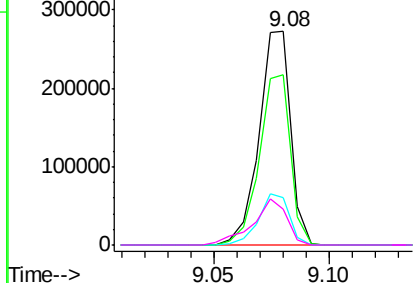
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

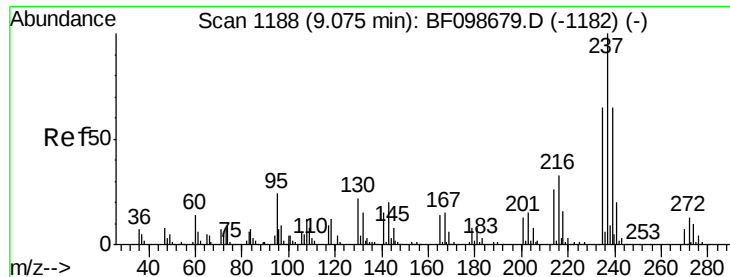


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.44 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	23.2	18.1	27.1
108	23.3	17.2	25.8

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

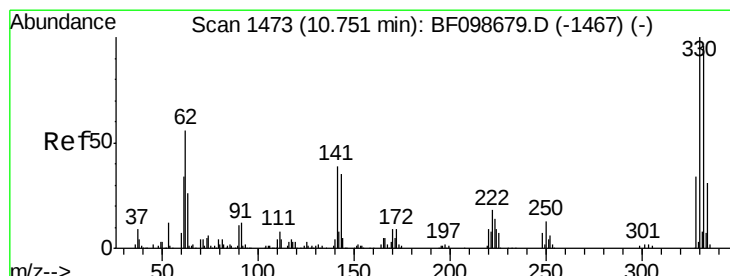
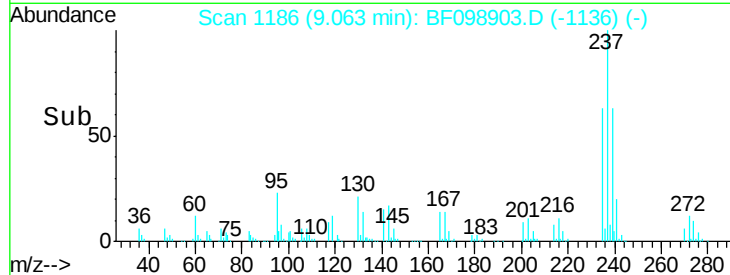
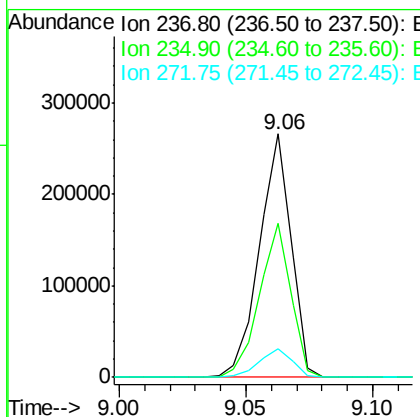
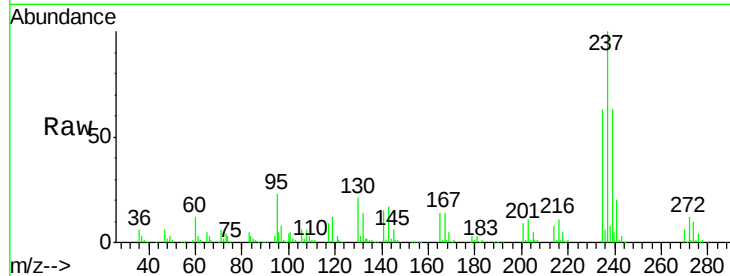




#40
Hexachlorocyclopentadiene
Concen: 59.66 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

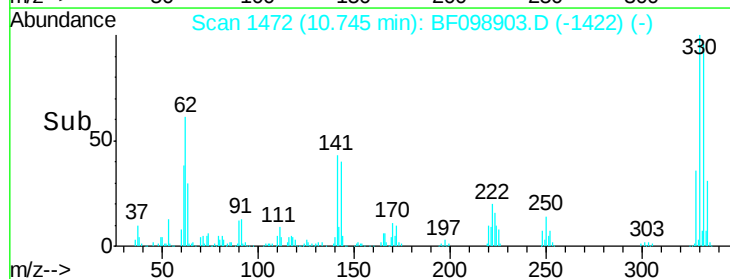
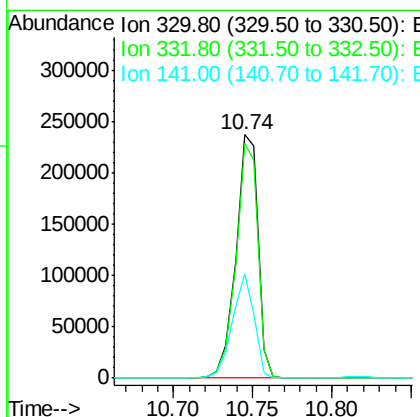
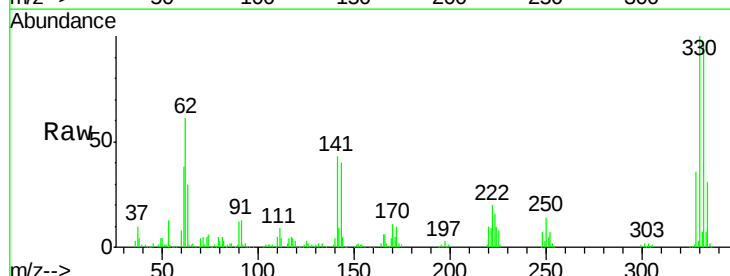
Instrument :
BNA_F
ClientSampleId :

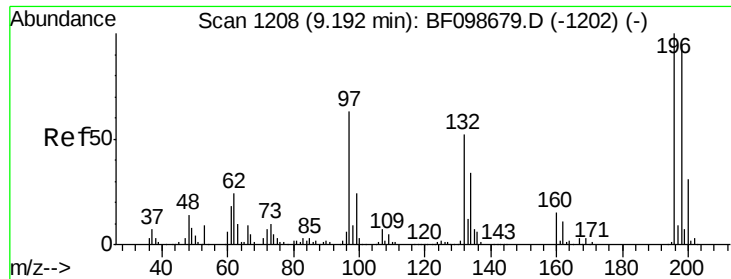
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.8	84.8
272	11.9	0.0	33.3



#41
2,4,6-Tribromophenol
Concen: 97.71 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	42.3	29.9	44.9

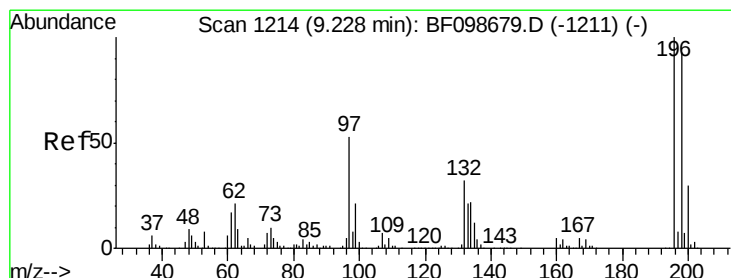
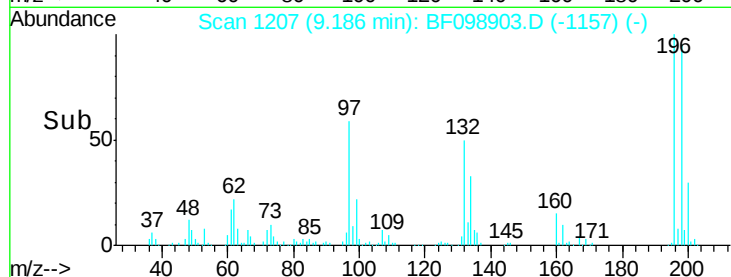
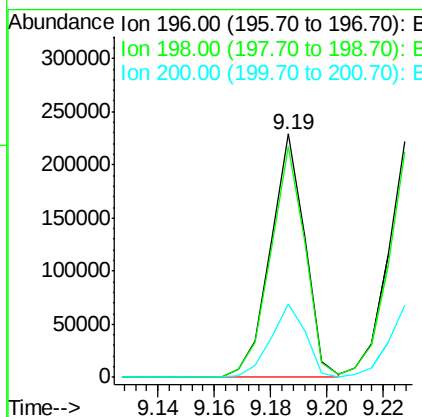
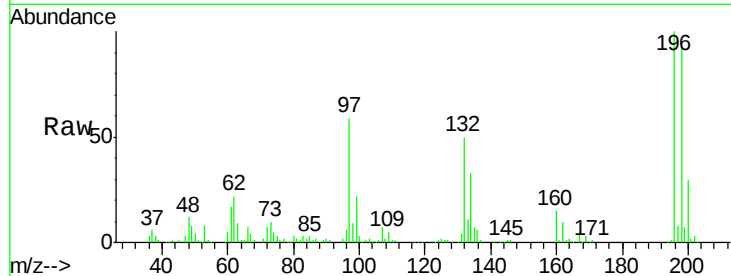




#42
 2,4,6-Trichlorophenol
 Concen: 32.03 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

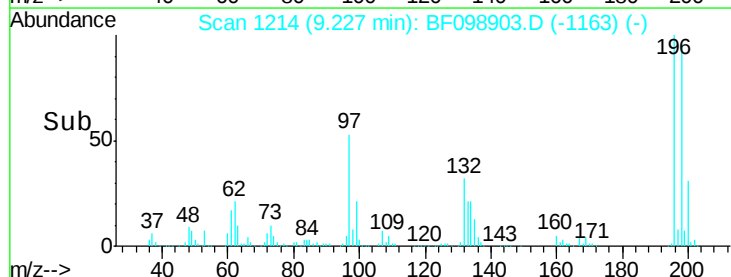
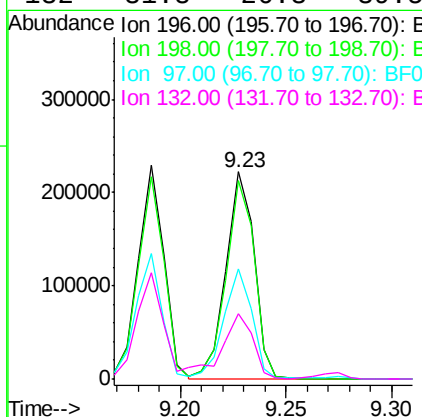
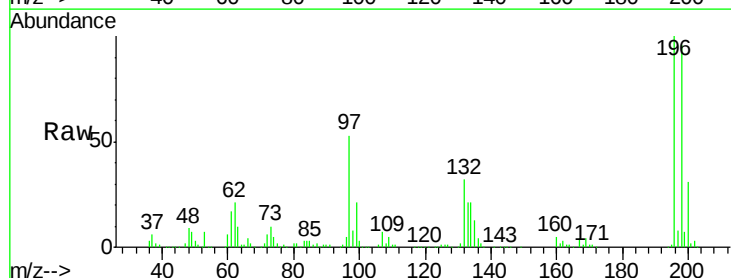
Instrument :
 BNA_F
 ClientSampled :

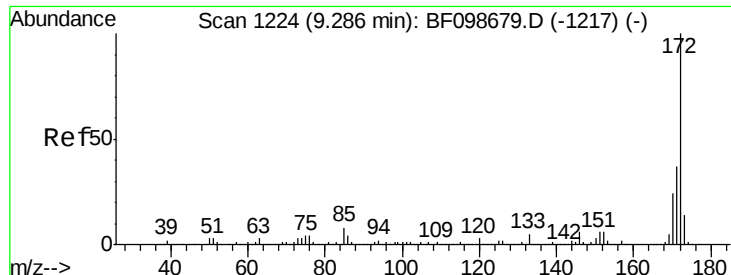
Tot Ion:196 Resp: 194144
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 200 30.1 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 34.02 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion:196 Resp: 205837
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.6 112.0
 97 53.1 42.9 64.3
 132 31.8 26.3 39.5



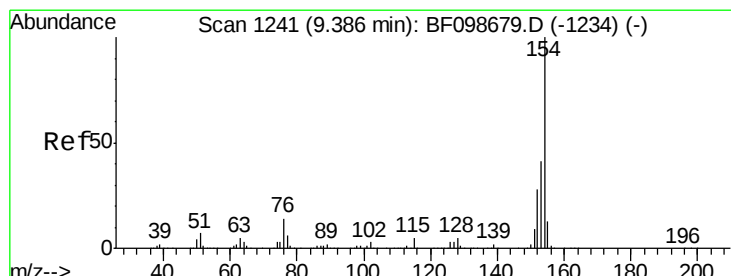
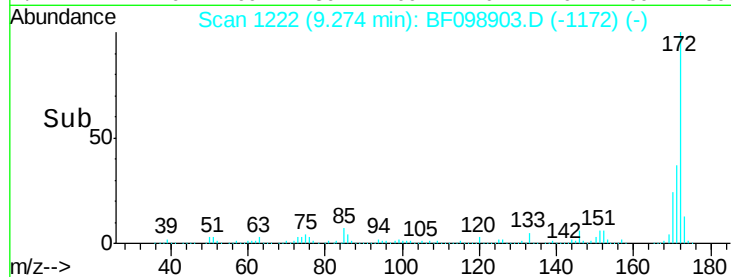
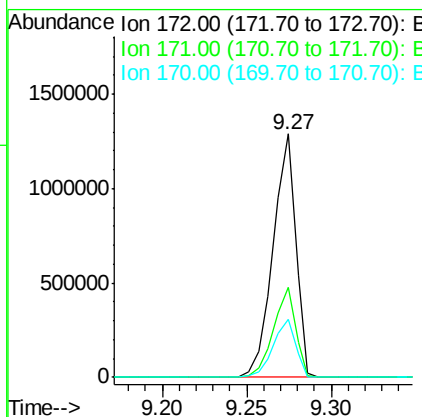
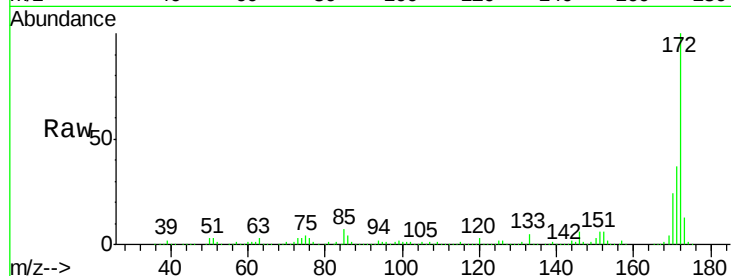


#44
 2-Fluorobiphenyl
 Concen: 69.79 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1199348

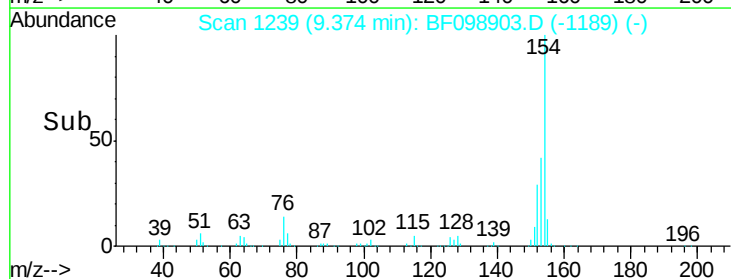
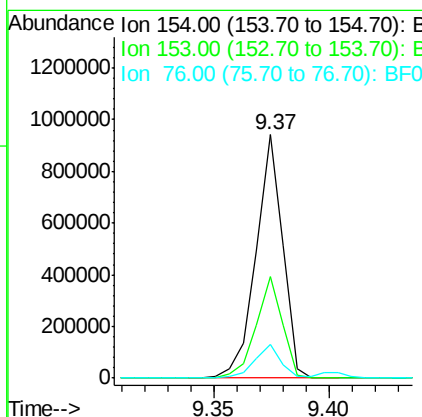
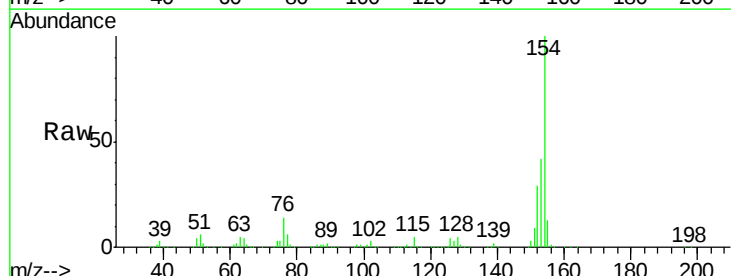
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.0	19.6	29.4

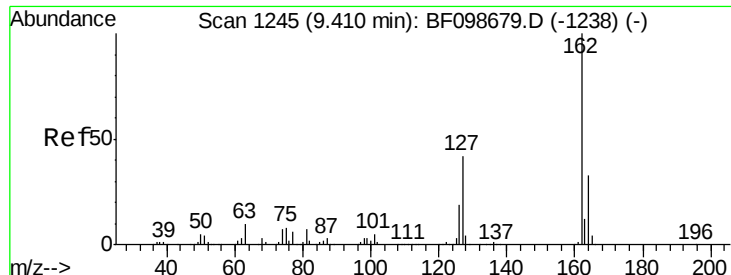


#45
 1,1'-Biphenyl
 Concen: 30.91 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion:154 Resp: 762182

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.3	61.3
76	13.6	0.0	34.0

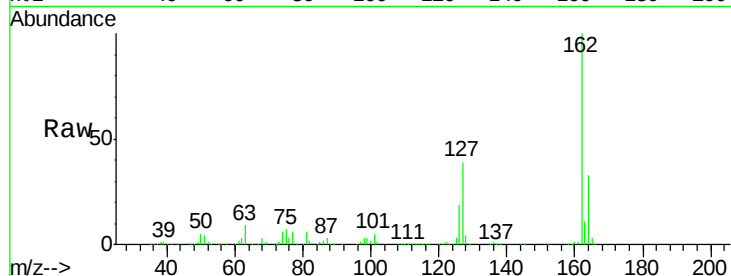




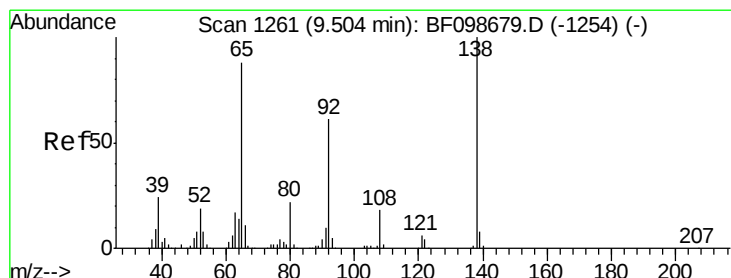
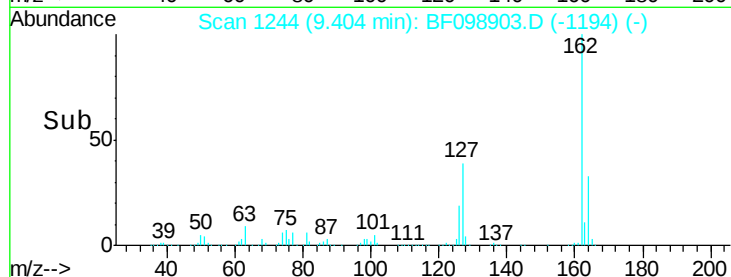
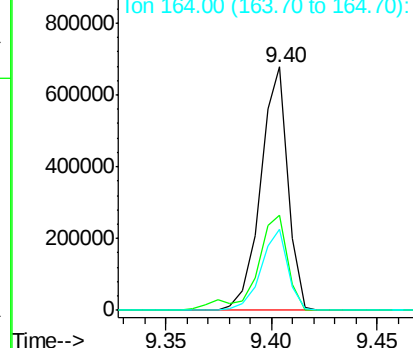
#46
2-Chloronaphthalene
Concen: 32.90 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	33.9	50.9
164	33.2	26.5	39.7

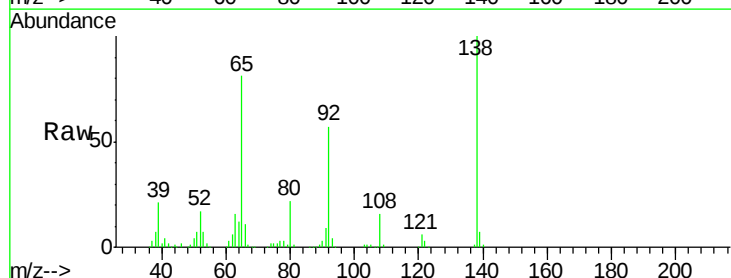


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

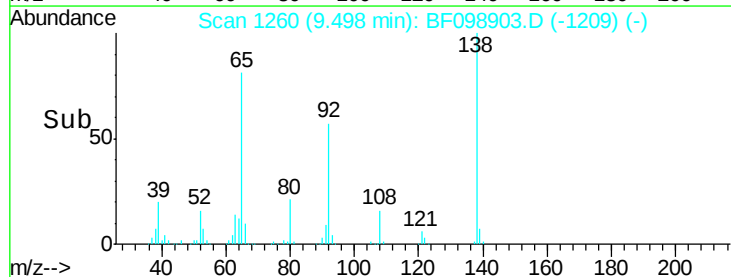
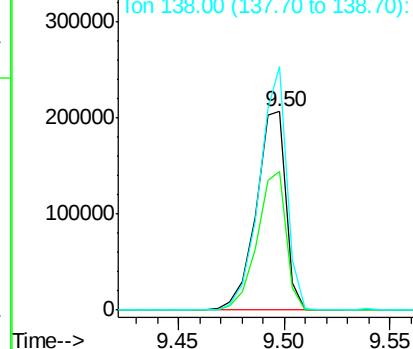


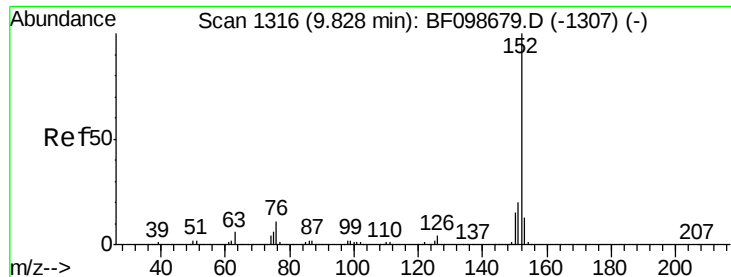
#47
2-Nitroaniline
Concen: 35.72 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	55.8	83.6
138	122.7	91.2	136.8



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





#48

Acenaphthylene

Concen: 32.60 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampled :

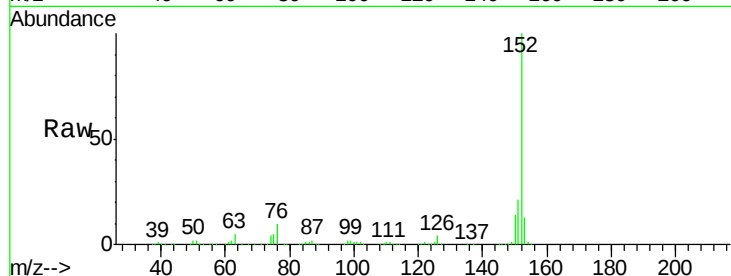
Tot Ion:152 Resp: 923898

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

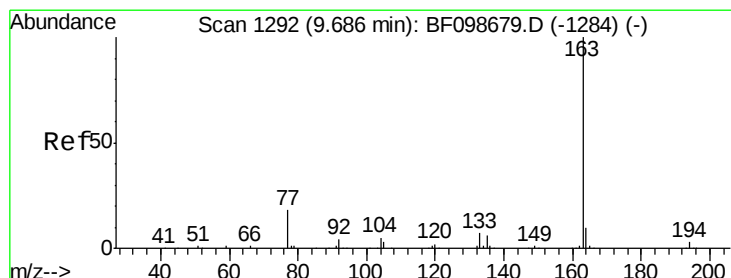
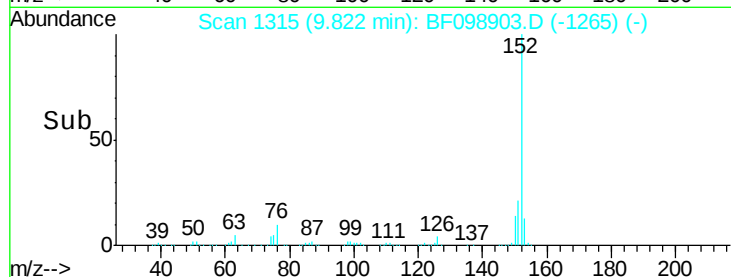
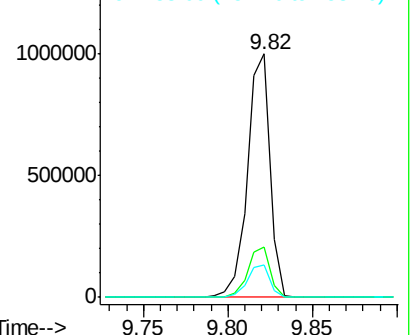
153 13.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 39.06 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

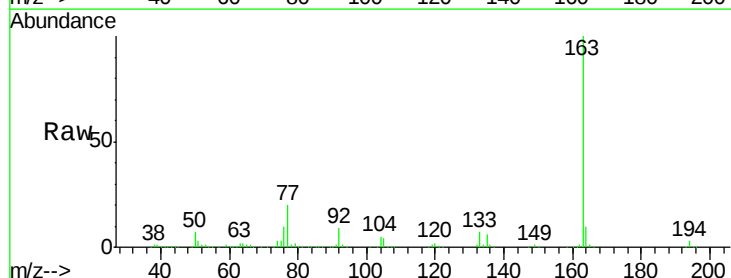
Tgt Ion:163 Resp: 845818

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

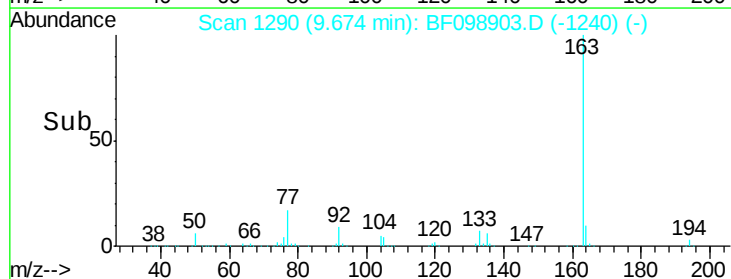
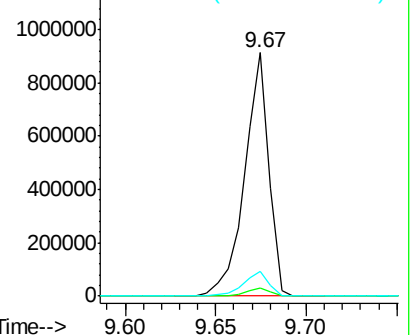
164 10.1 8.2 12.2

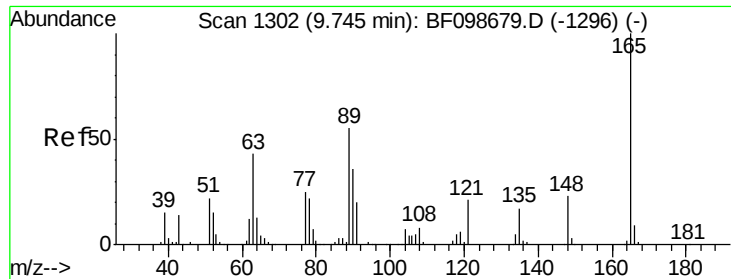


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

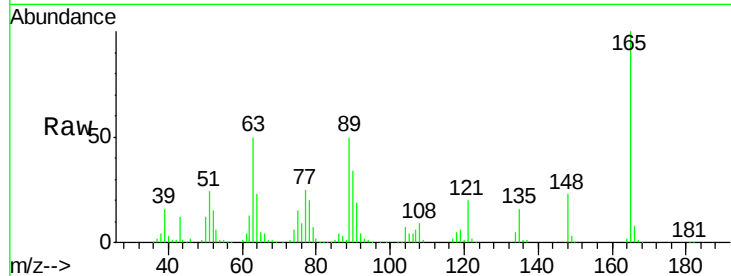




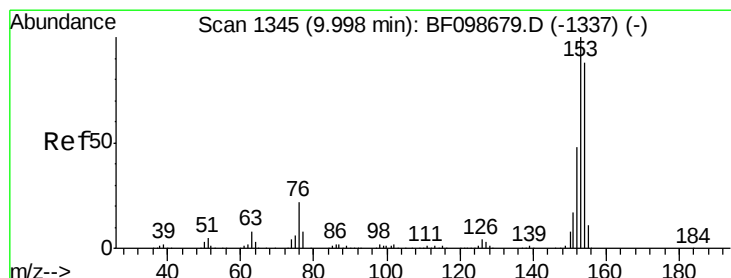
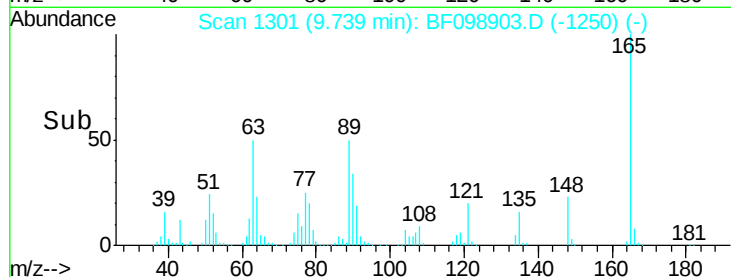
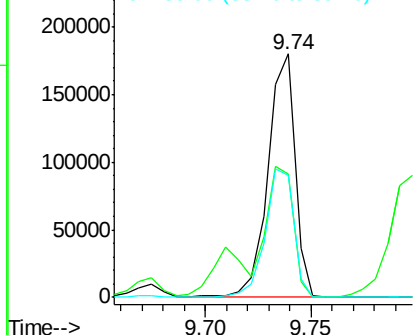
#50
 2,6-Dinitrotoluene
 Concen: 34.15 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 160973
 Ion Ratio Lower Upper
 165 100
 63 50.4 44.7 67.1
 89 50.2 44.0 66.0

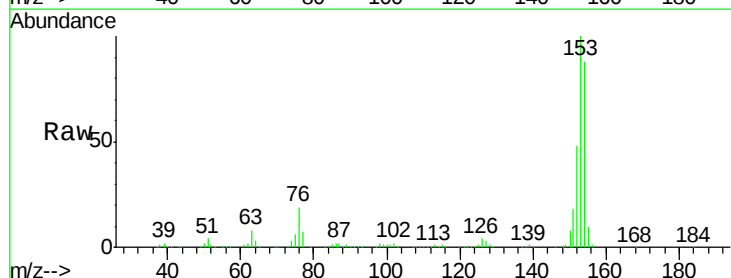


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

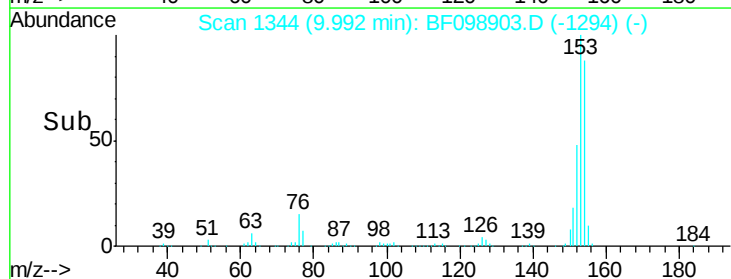
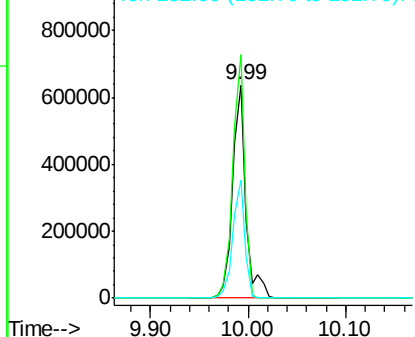


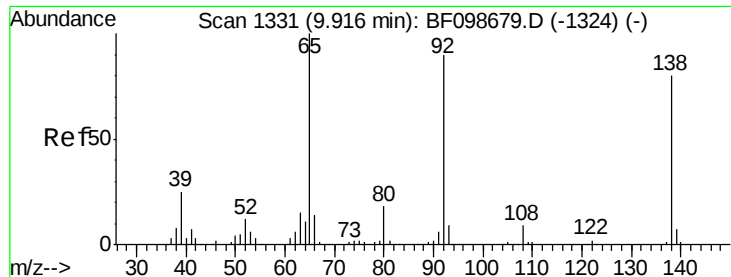
#51
 Acenaphthene
 Concen: 33.56 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion:154 Resp: 602412
 Ion Ratio Lower Upper
 154 100
 153 114.2 91.2 136.8
 152 55.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

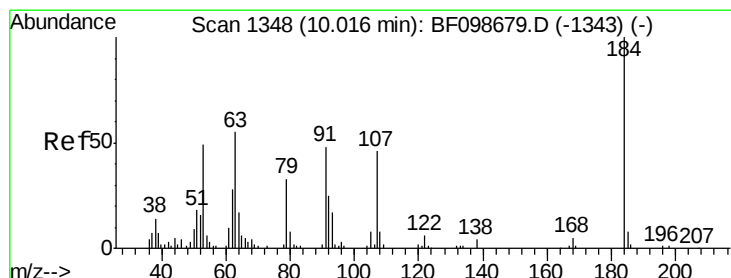
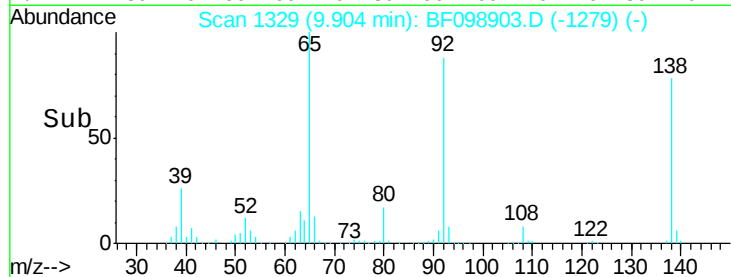
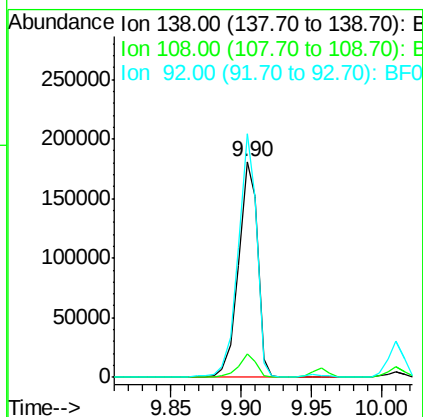
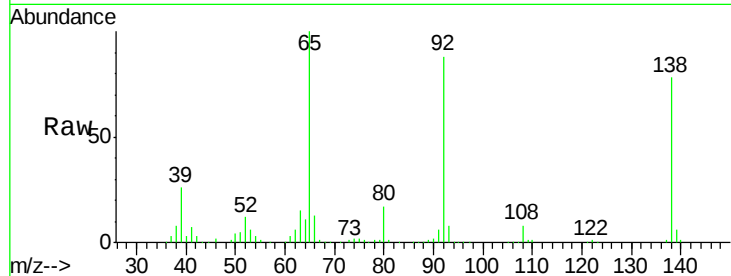




#52
3-Nitroaniline
Concen: 30.84 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

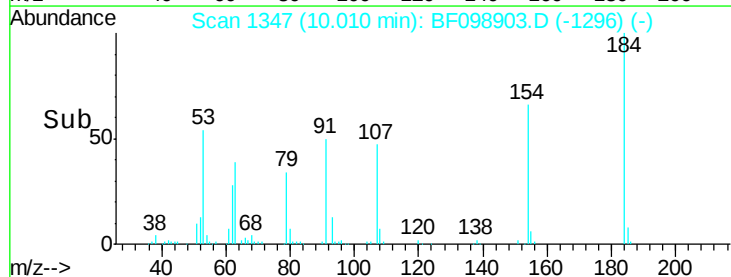
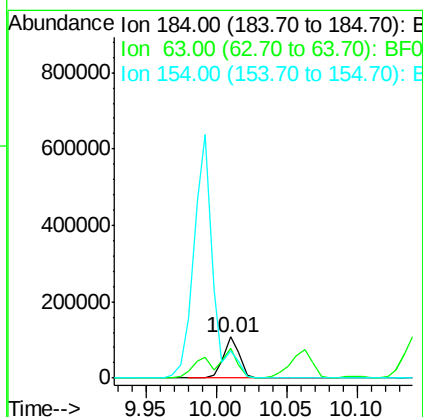
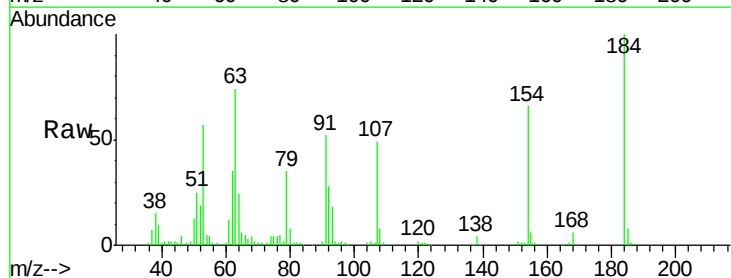
Instrument :
BNA_F
ClientSampled :

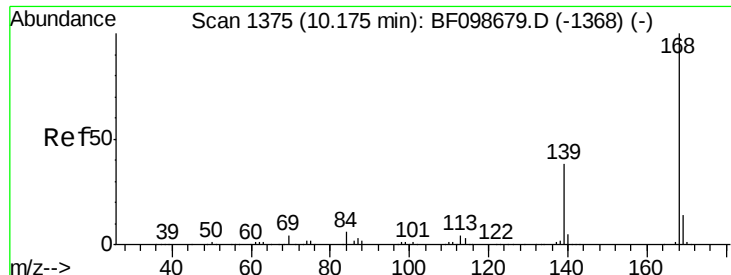
Tot Ion:138 Resp: 169547
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.0
92 112.8 89.4 134.2



#53
2,4-Dinitrophenol
Concen: 38.94 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion:184 Resp: 87661
Ion Ratio Lower Upper
184 100
63 73.7 54.2 81.2
154 66.5 53.5 80.3

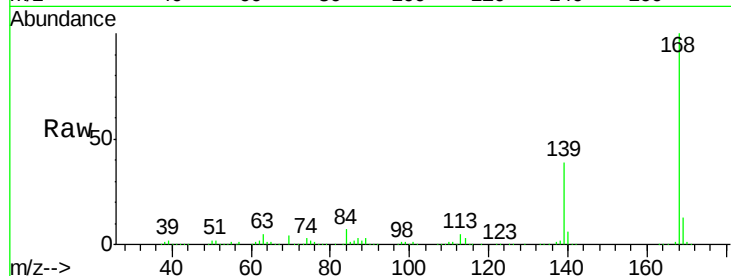




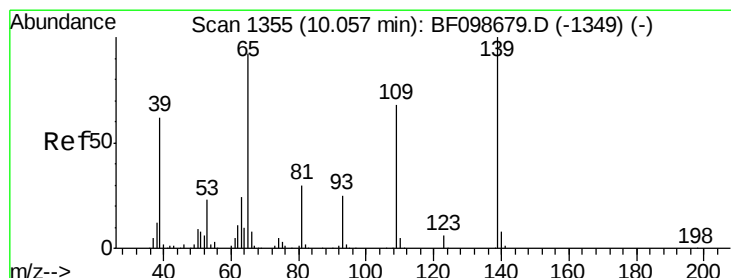
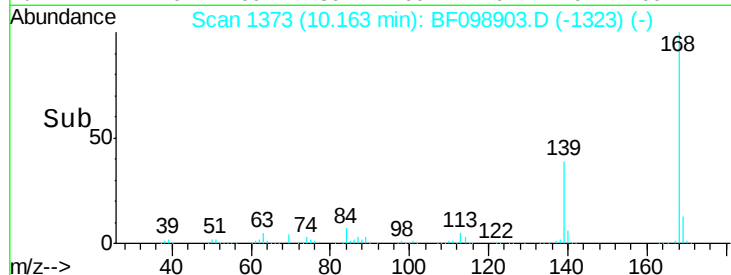
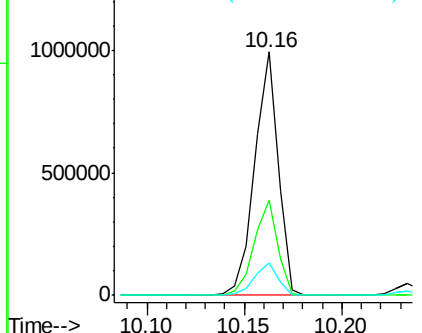
#54
Dibenzenofuran
Concen: 34.76 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 830993
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 13.5 10.9 16.3

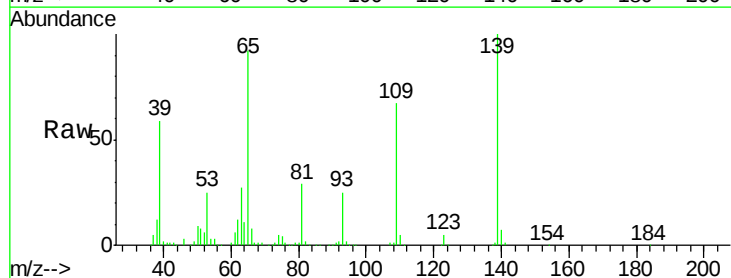


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

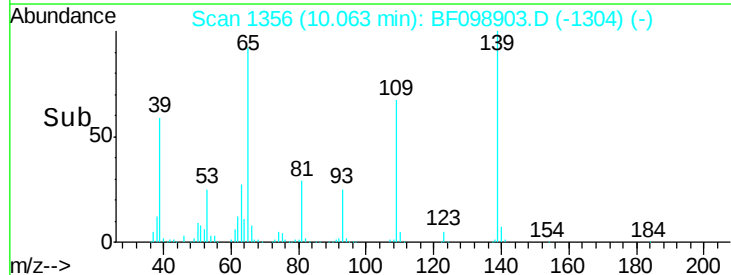
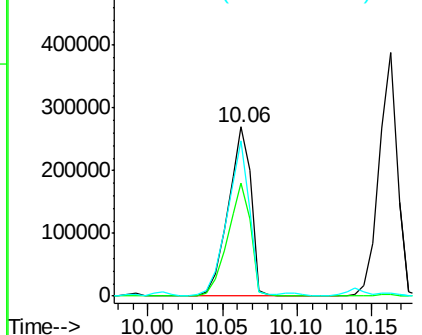


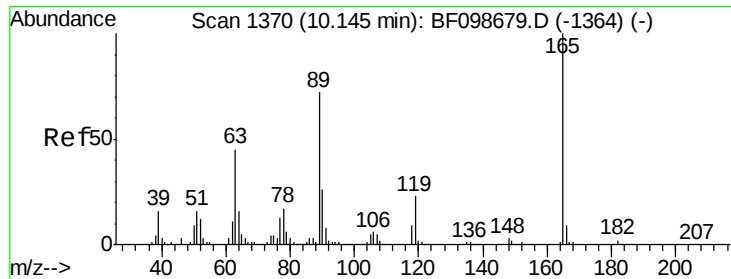
#55
4-Nitrophenol
Concen: 62.96 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion:139 Resp: 292620
Ion Ratio Lower Upper
139 100
109 66.8 48.4 88.4
65 91.7 72.6 112.6



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

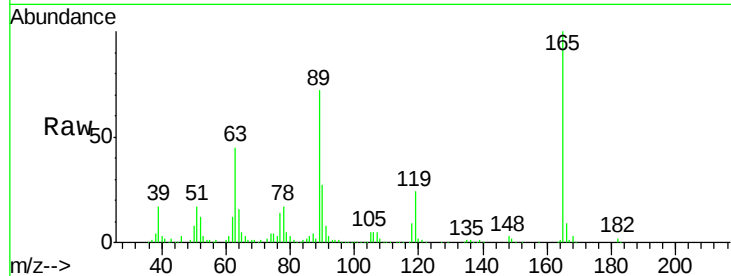




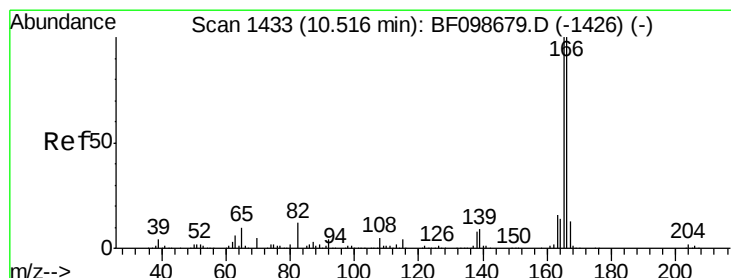
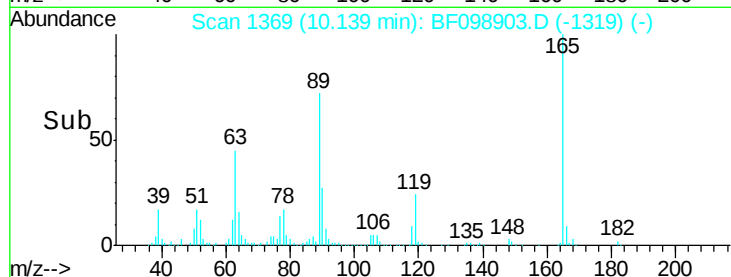
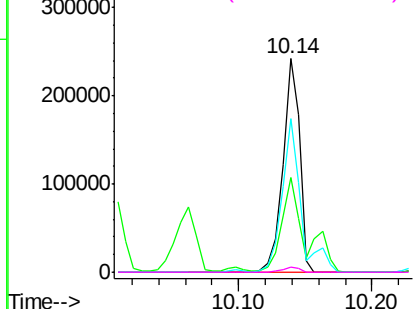
#56
2,4-Dinitrotoluene
Concen: 35.08 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 214633
Ion Ratio Lower Upper
165 100
63 44.6 36.4 54.6
89 72.0 57.8 86.6
182 2.3 1.6 2.4

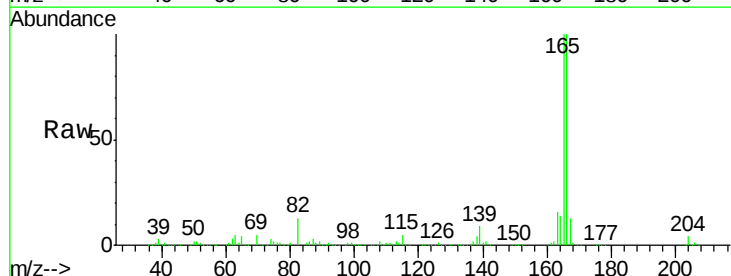


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

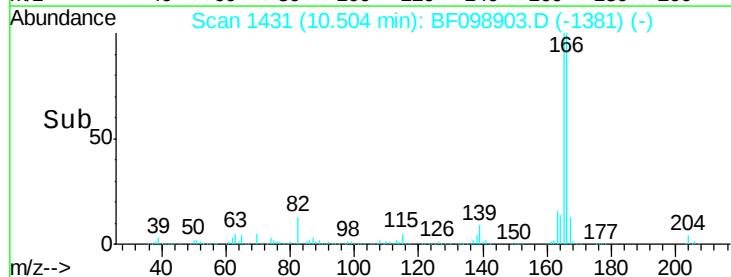
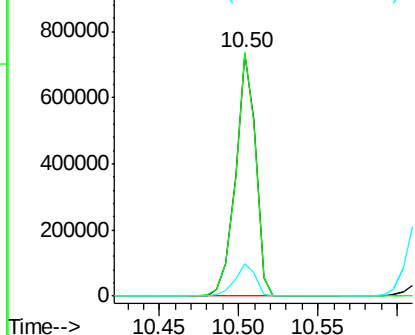


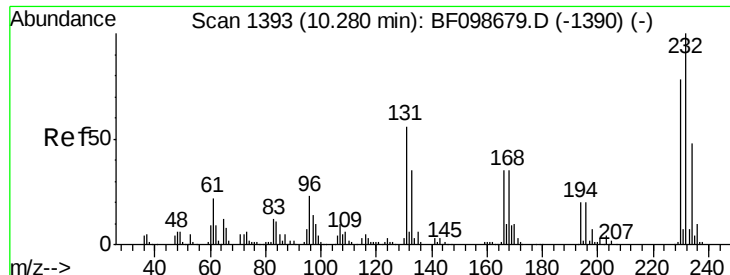
#57
Fluorene
Concen: 33.11 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion:166 Resp: 636076
Ion Ratio Lower Upper
166 100
165 100.4 79.8 119.8
167 13.6 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

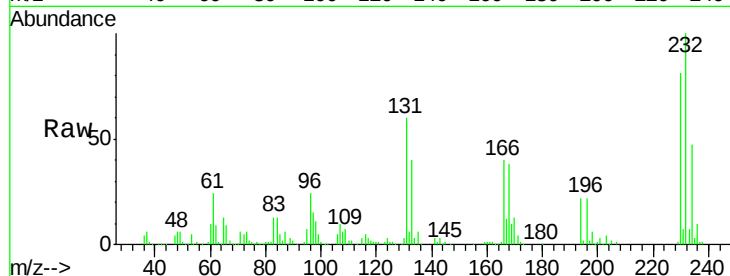




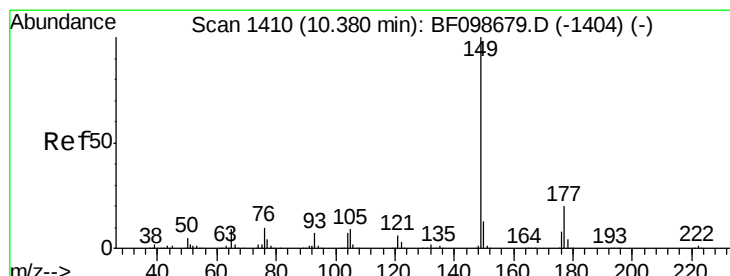
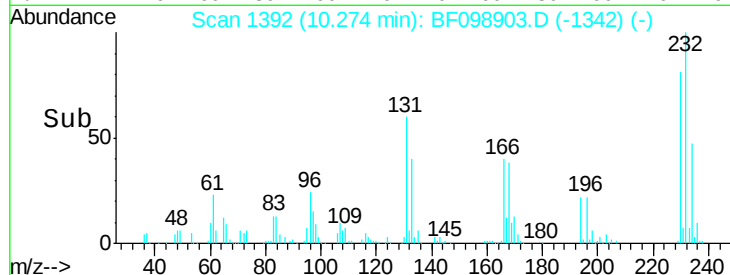
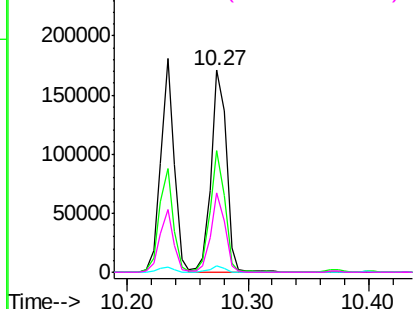
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.65 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	149009
Ion	Ratio	Lower	Upper
232	100		
131	57.5	43.8	65.8
130	2.9	2.1	3.1
166	36.7	27.8	41.6

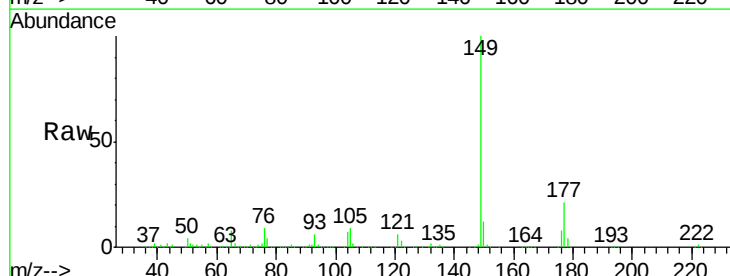


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

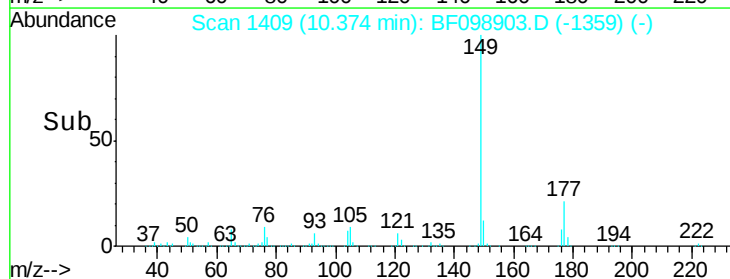
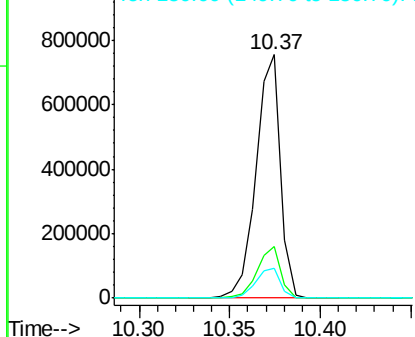


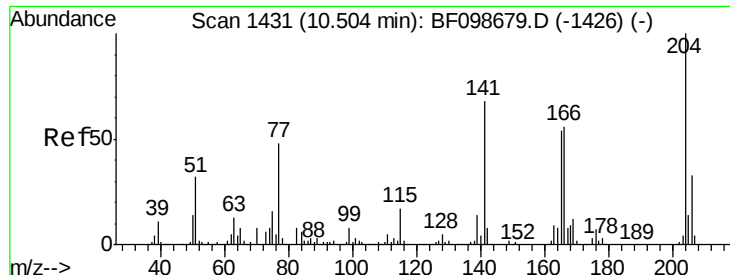
#59
 Diethylphthalate
 Concen: 33.20 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion:	149	Resp:	702489
Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.1	24.1
150	12.2	10.1	15.1



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

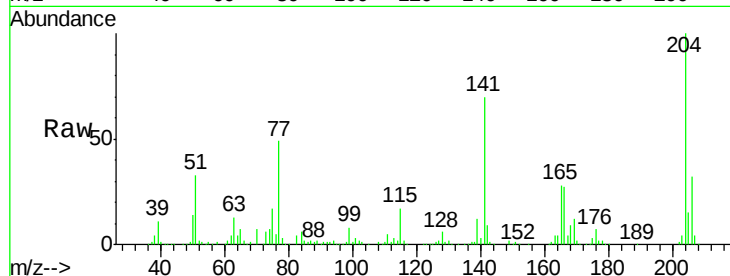




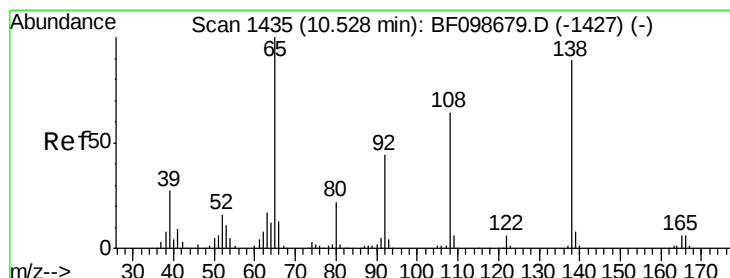
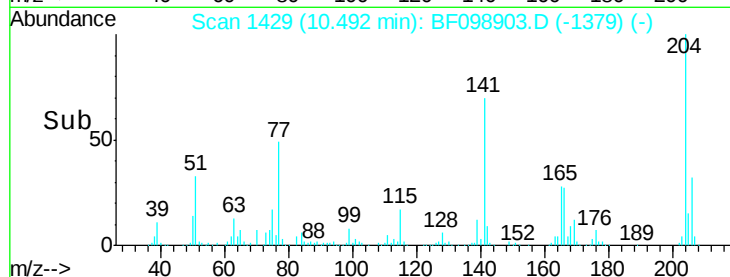
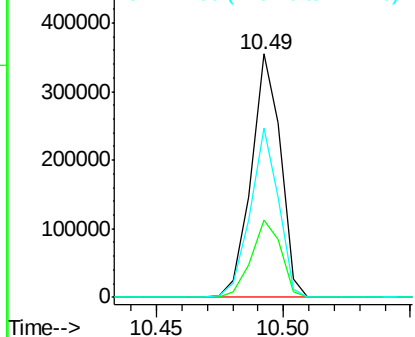
#60
4-Chlorophenyl-phenylether
Concen: 33.15 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 286114
Ion Ratio Lower Upper
204 100
206 31.6 26.5 39.7
141 69.5 54.6 81.8

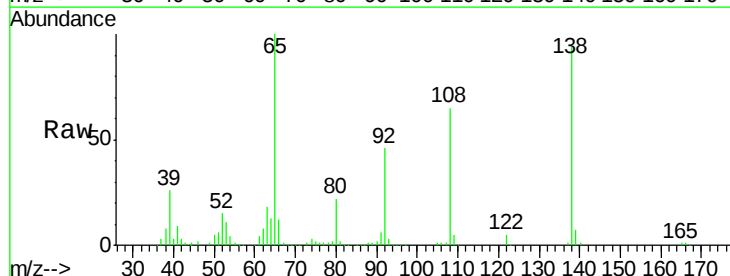


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

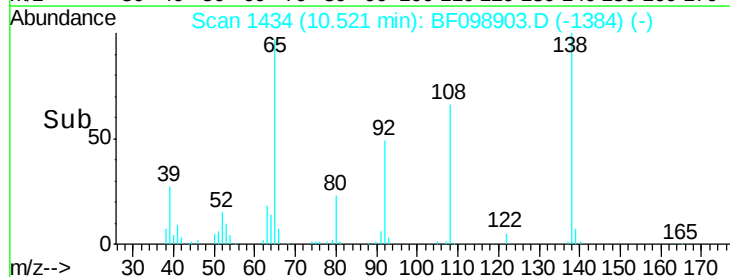
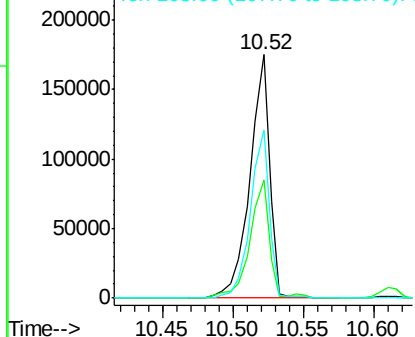


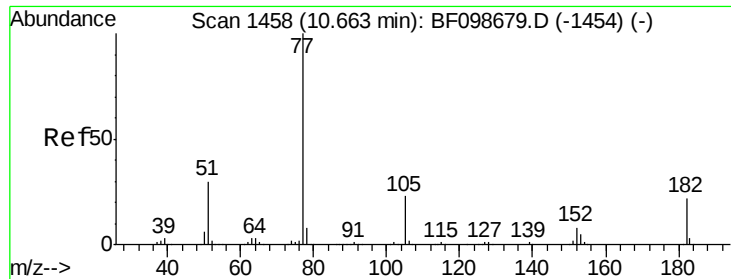
#61
4-Nitroaniline
Concen: 32.75 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion:138 Resp: 173666
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 69.3 52.5 92.5



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





#62

Azobenzene

Concen: 35.53 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 691235

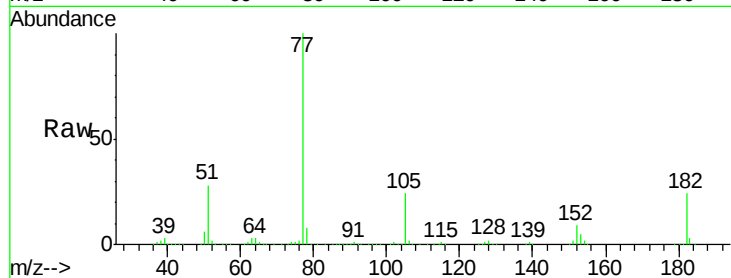
Ion Ratio Lower Upper

77 100

182 24.0 1.7 41.7

105 24.1 3.0 43.0

51 28.5 9.9 49.9

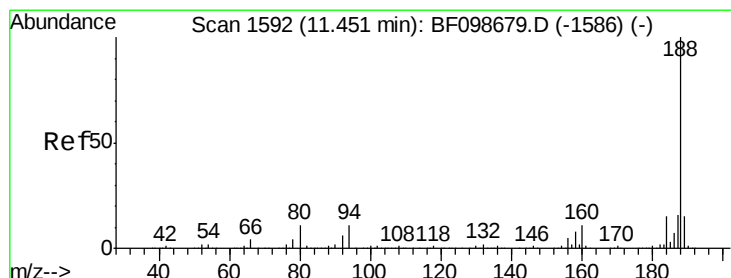
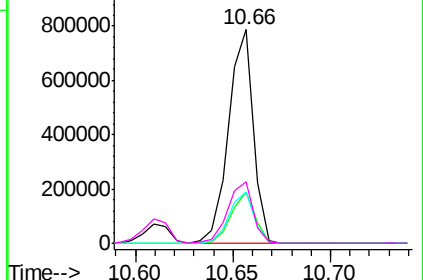
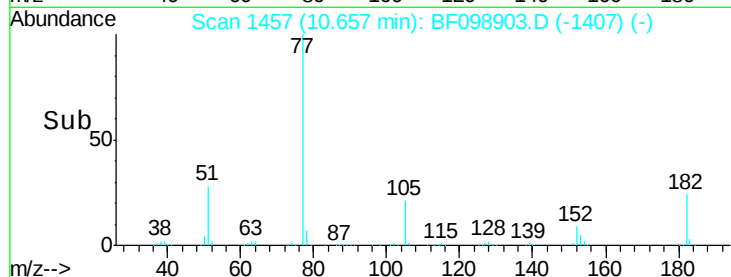


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

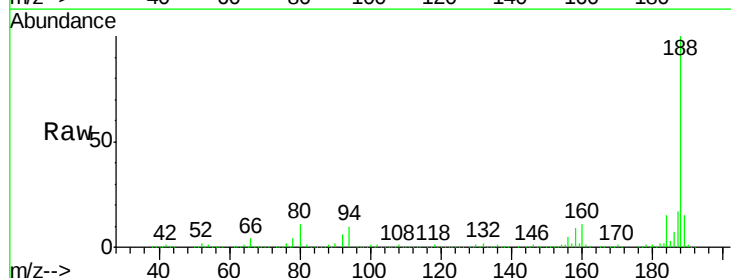
Tgt Ion: 188 Resp: 495413

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

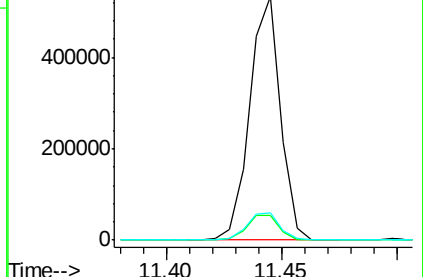
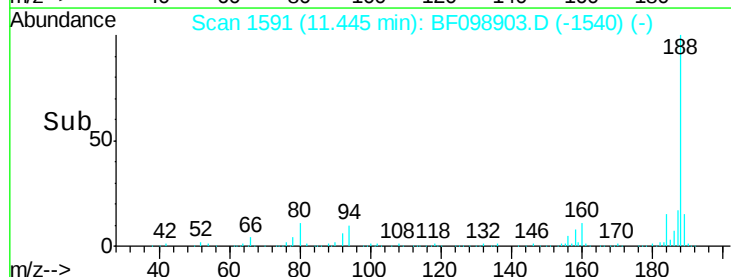
80 11.1 9.2 13.8

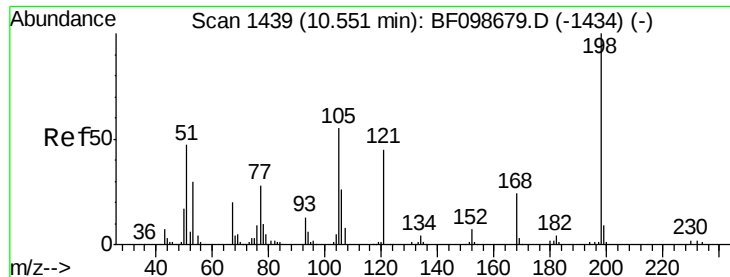


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

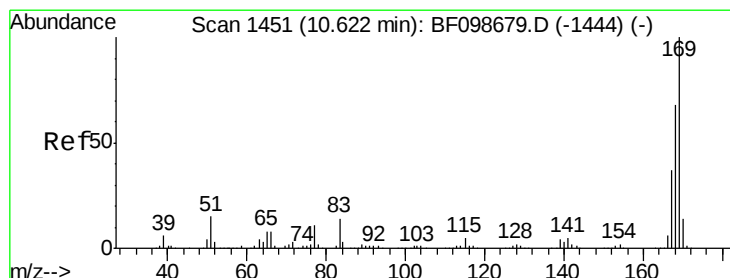
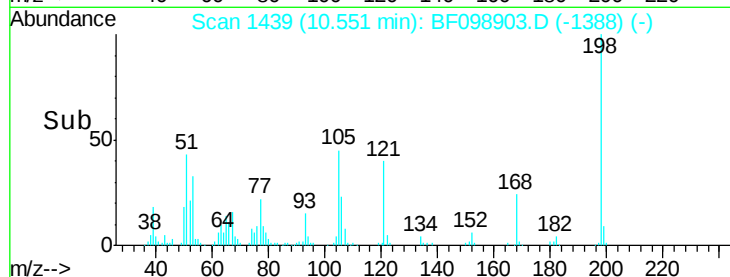
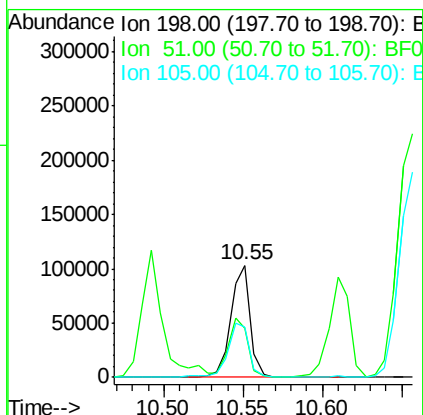
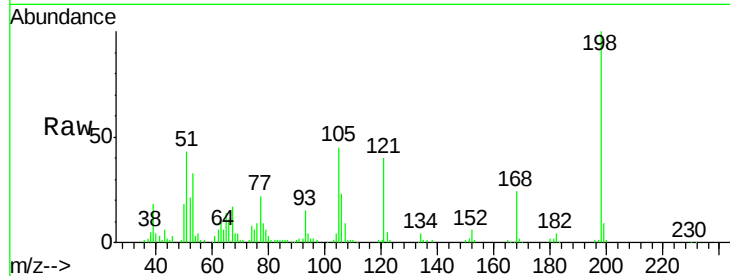




#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.91 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

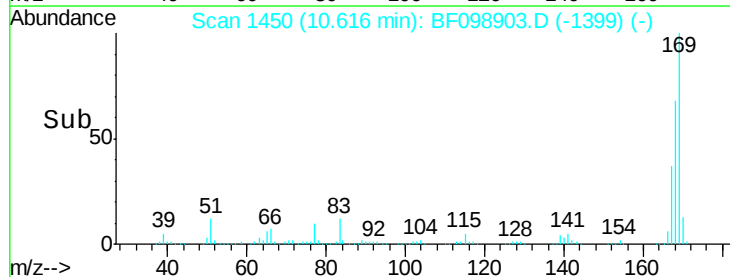
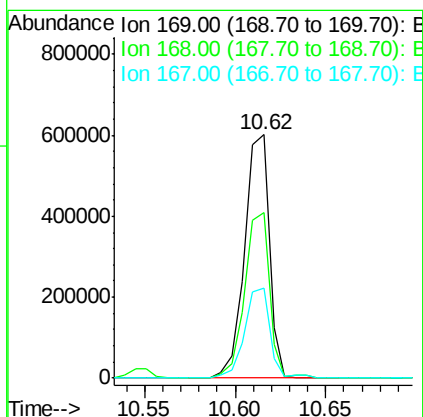
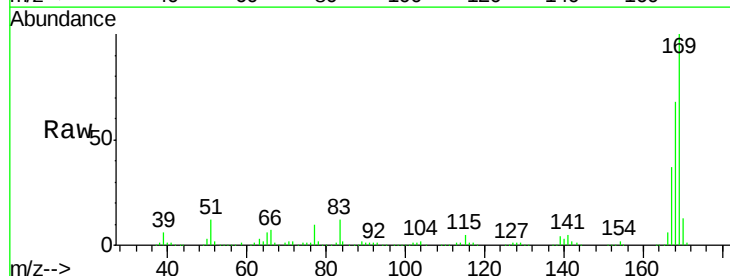
Instrument :
 BNA_F
 ClientSampleID :

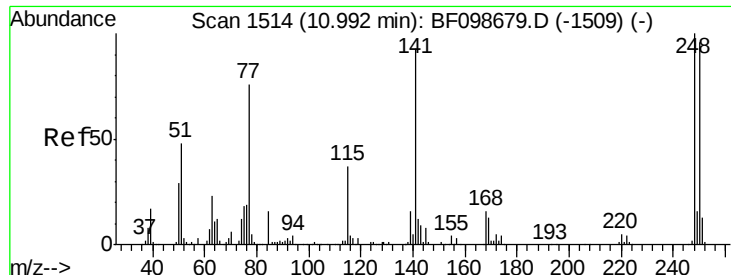
Tot Ion:198 Resp: 87138
 Ion Ratio Lower Upper
 198 100
 51 43.3 37.7 77.7
 105 44.9 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 33.32 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion:169 Resp: 571855
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.4 81.6
 167 37.0 29.8 44.6

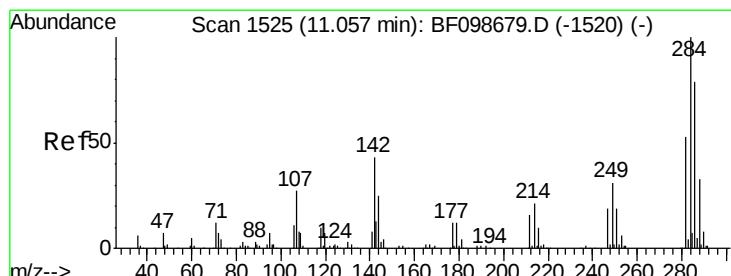
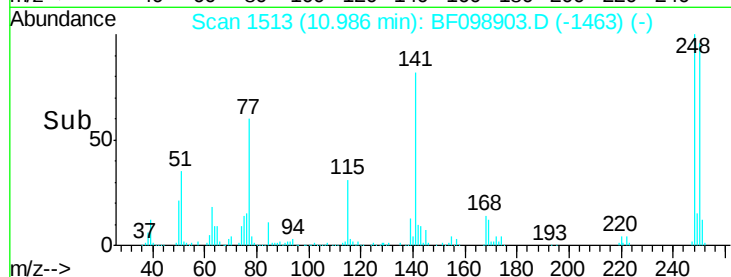
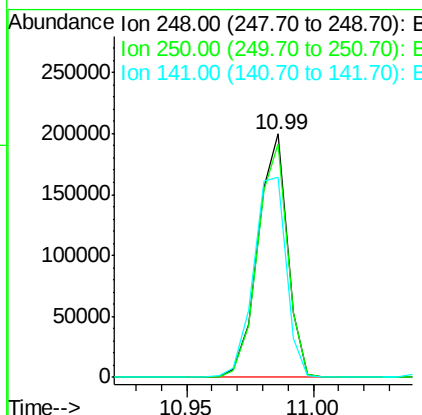
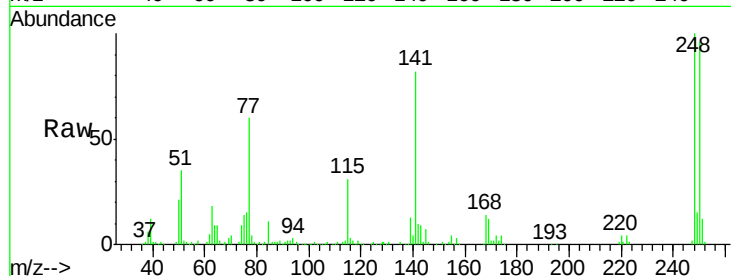




#66
4-Bromophenyl-phenylether
Concen: 33.55 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

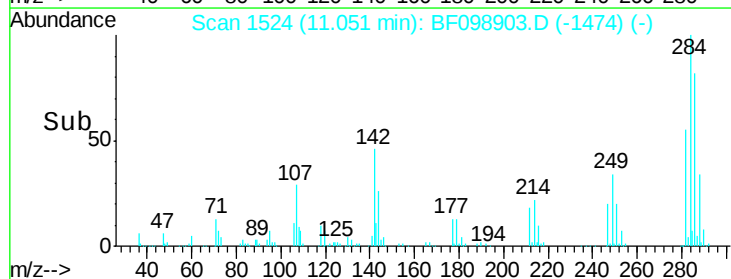
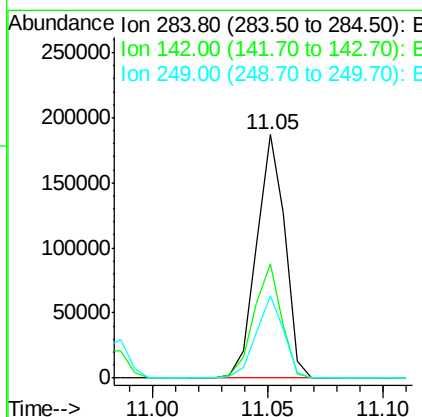
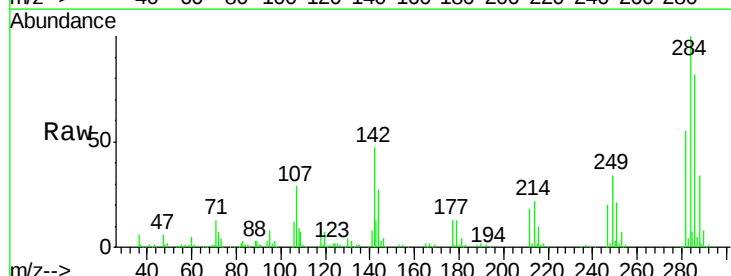
Instrument :
BNA_F
ClientSampleId :

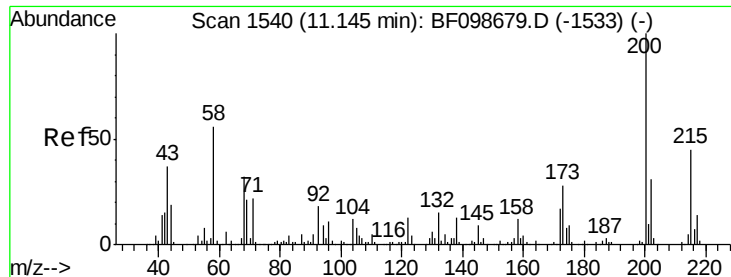
Tot Ion:248 Resp: 162671
Ion Ratio Lower Upper
248 100
250 96.0 76.9 115.3
141 82.4 74.4 111.6



#67
Hexachlorobenzene
Concen: 30.93 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion:284 Resp: 160180
Ion Ratio Lower Upper
284 100
142 46.7 34.6 52.0
249 33.6 24.8 37.2

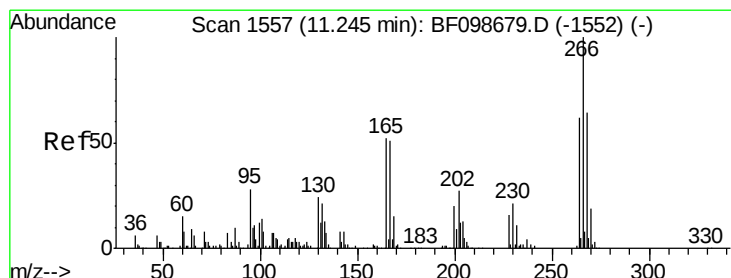
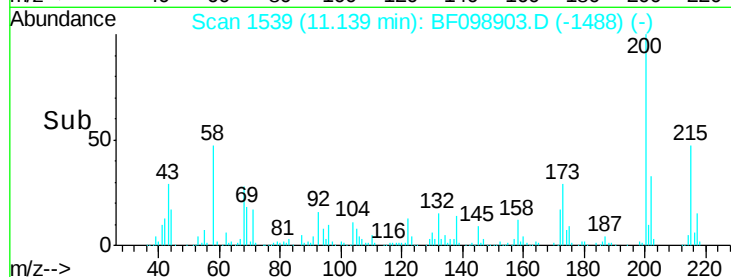
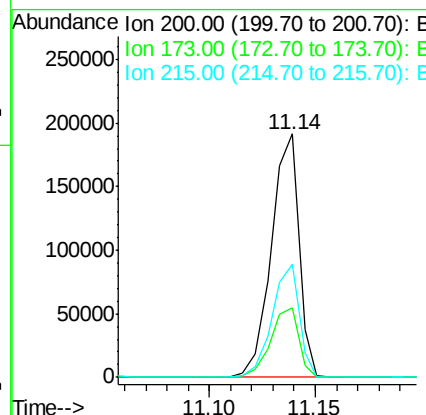
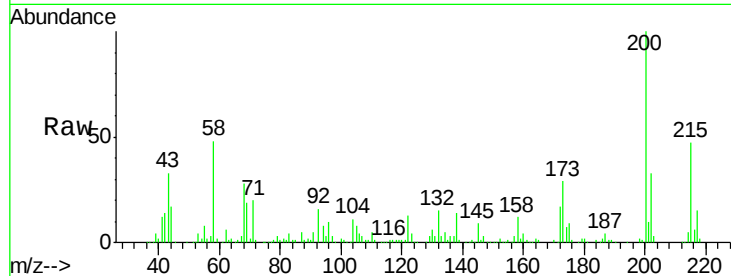




#68
Atrazine
Concen: 33.78 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

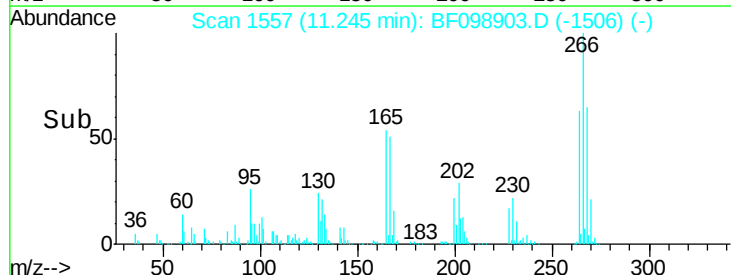
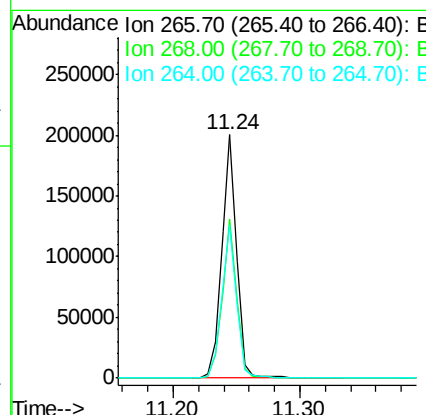
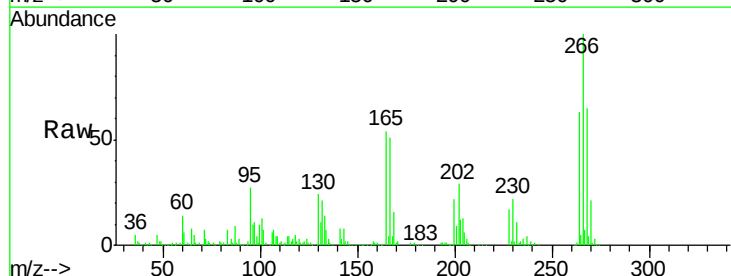
Instrument :
BNA_F
ClientSampleId :

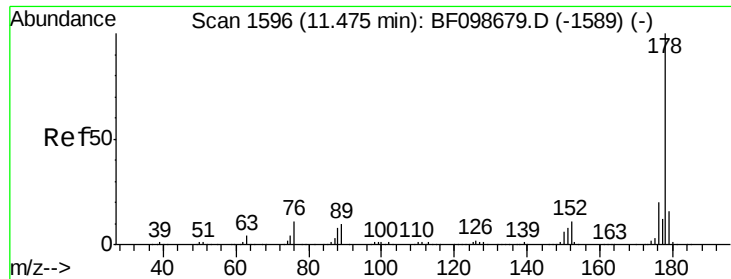
Tot Ion:200 Resp: 174411
Ion Ratio Lower Upper
200 100
173 28.6 8.6 48.6
215 46.6 25.1 65.1



#69
Pentachlorophenol
Concen: 51.90 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion:266 Resp: 167283
Ion Ratio Lower Upper
266 100
268 65.1 51.1 76.7
264 63.0 49.5 74.3

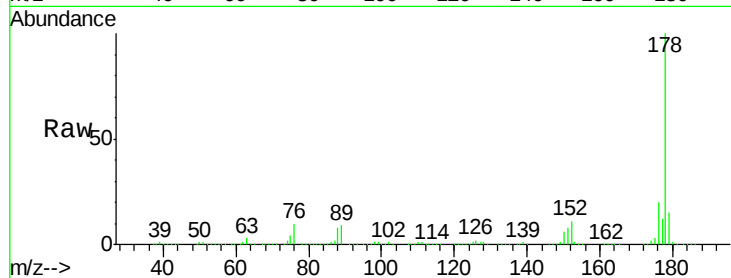




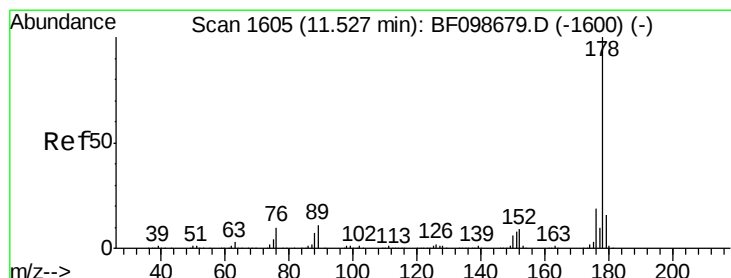
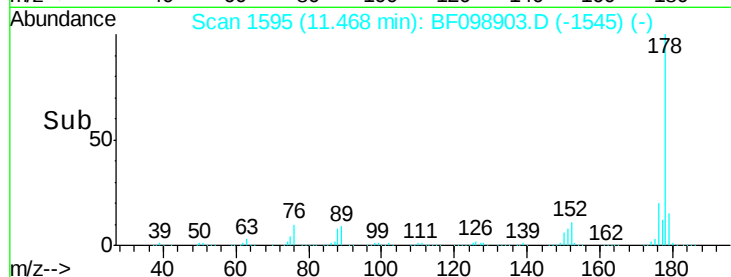
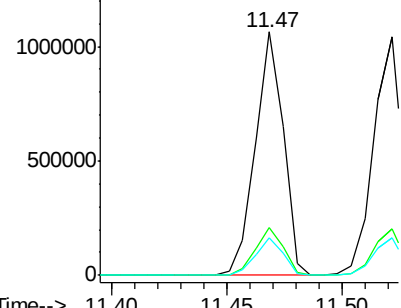
#70
Phenanthrene
Concen: 33.86 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 897900
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.3 13.0 19.6

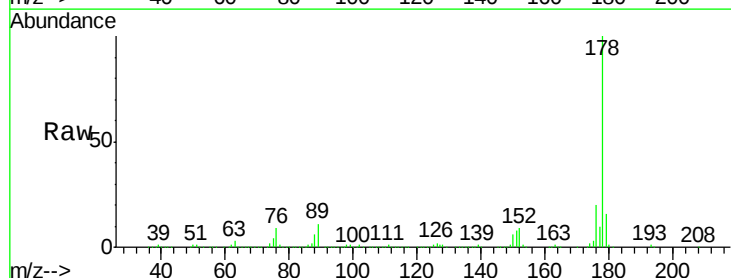


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

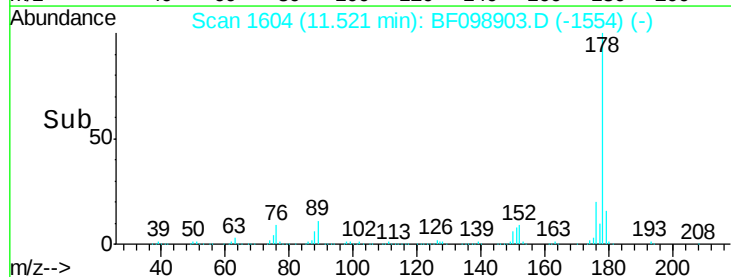
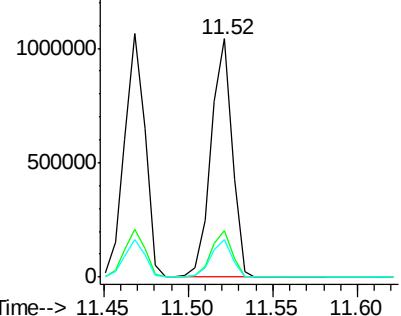


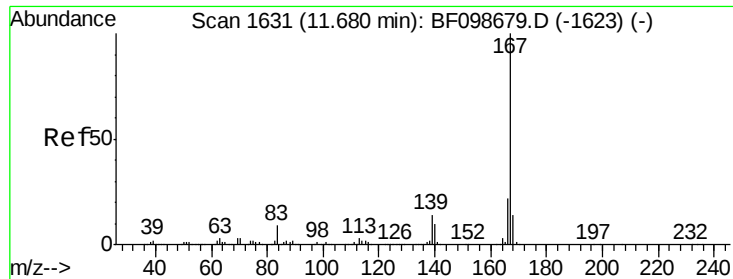
#71
Anthracene
Concen: 33.34 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion:178 Resp: 904566
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.7 12.6 19.0



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

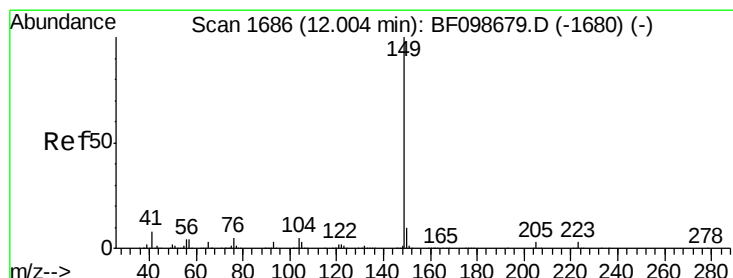
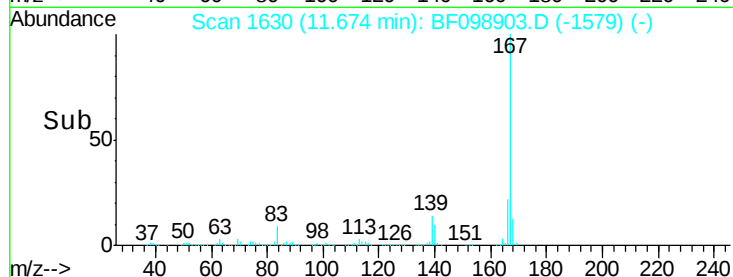
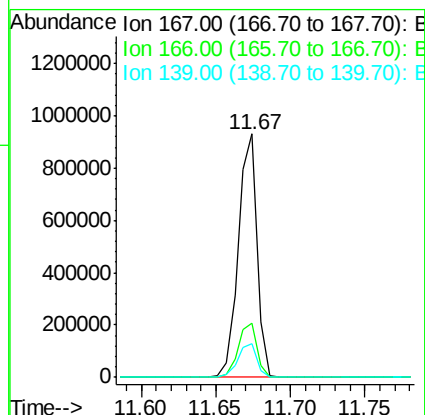
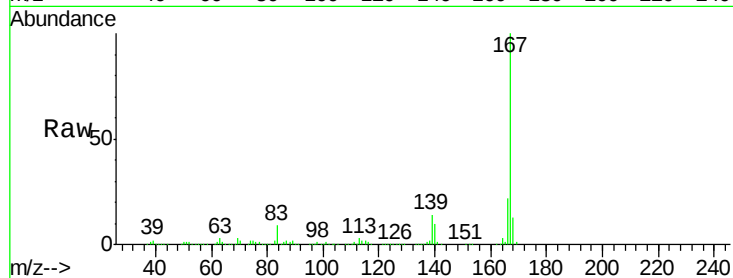




#72
 Carbazole
 Concen: 31.00 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

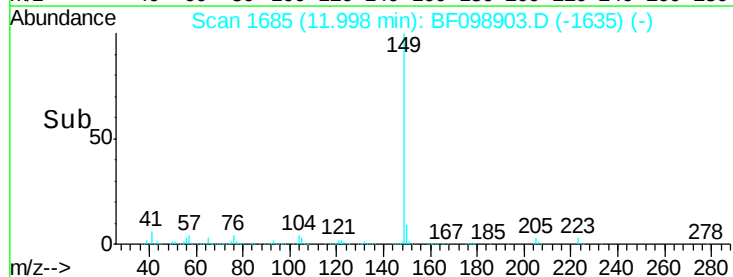
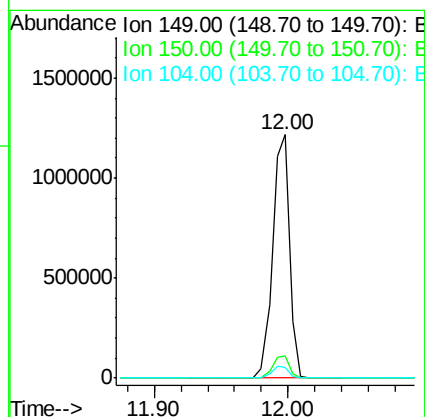
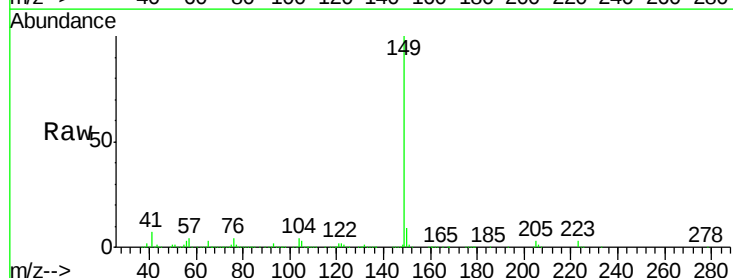
Instrument :
 BNA_F
 ClientSampleId :

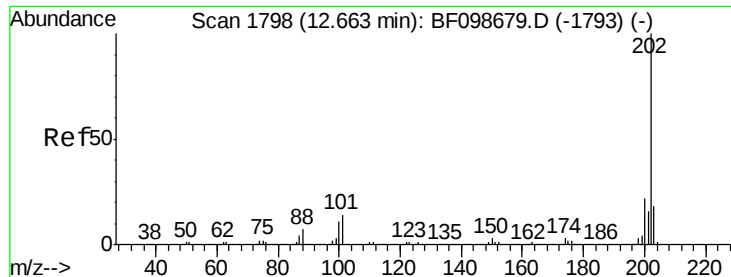
Tot Ion:167 Resp: 823754
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.6 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 33.60 ng
 RT: 12.00 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion:149 Resp: 1074519
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 4.5 3.8 5.8





#74

Fluoranthene

Concen: 32.68 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampled :

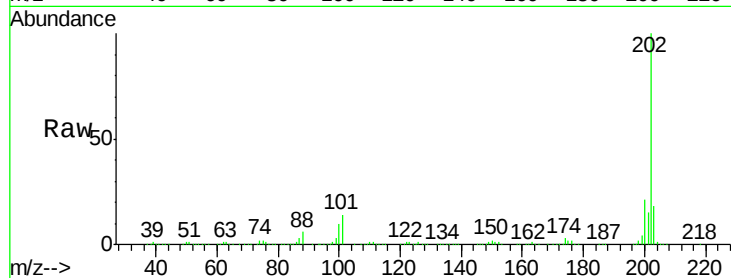
Tot Ion:202 Resp: 877544

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

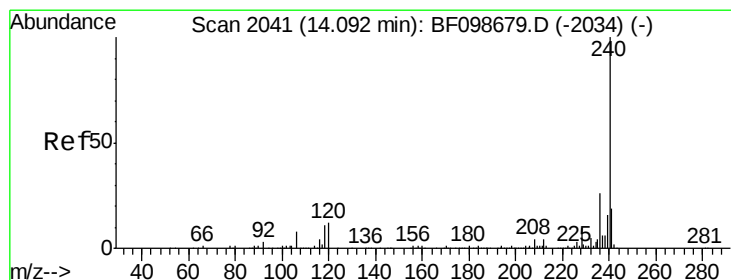
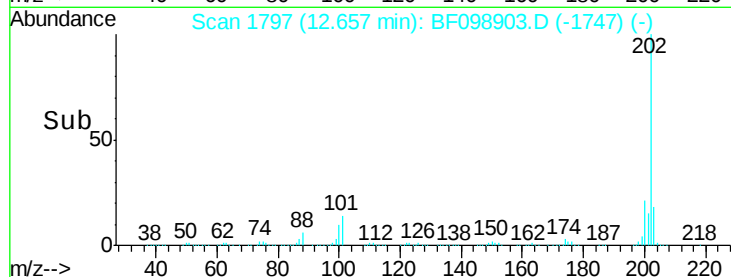
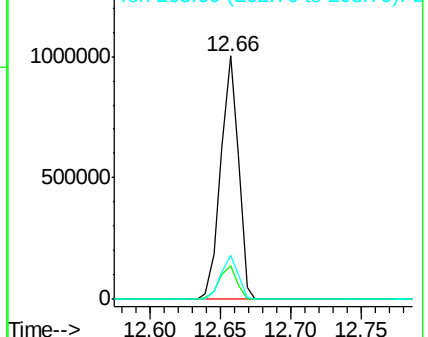
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

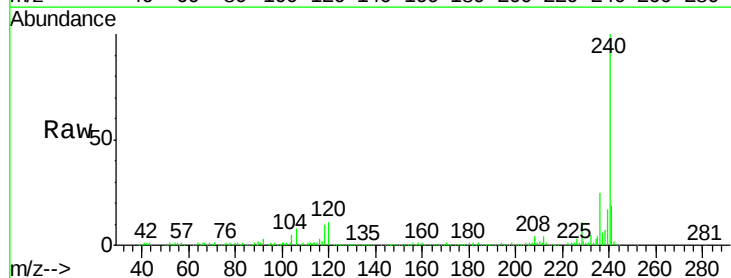
Tgt Ion:240 Resp: 251045

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

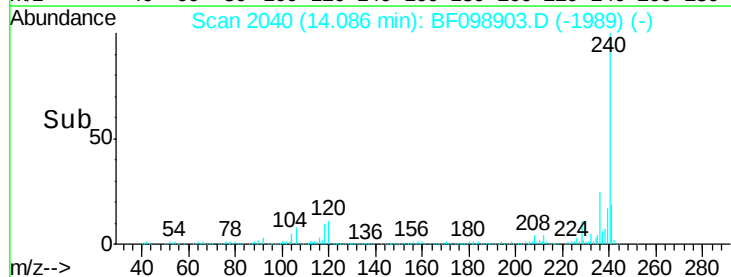
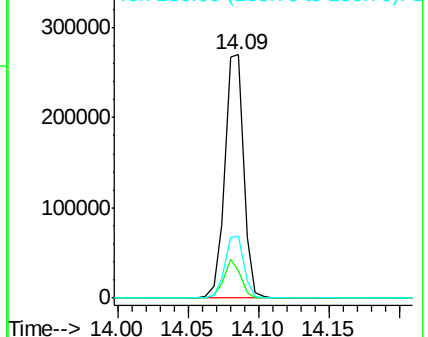
236 25.5 20.7 31.1

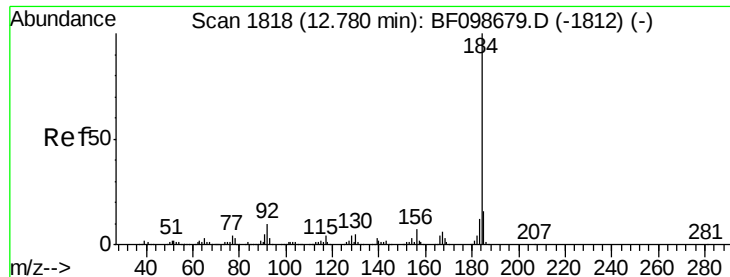


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

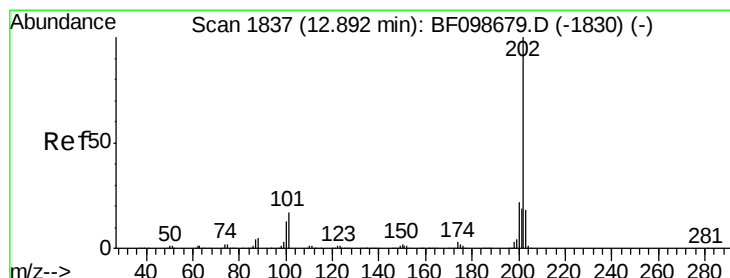
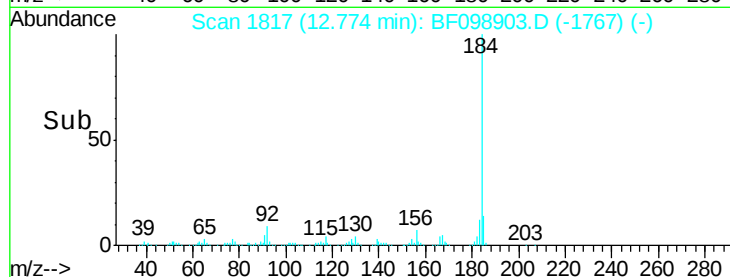
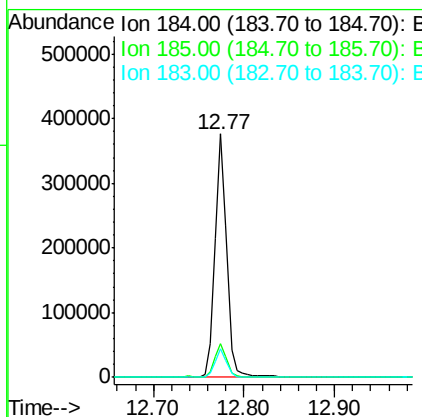
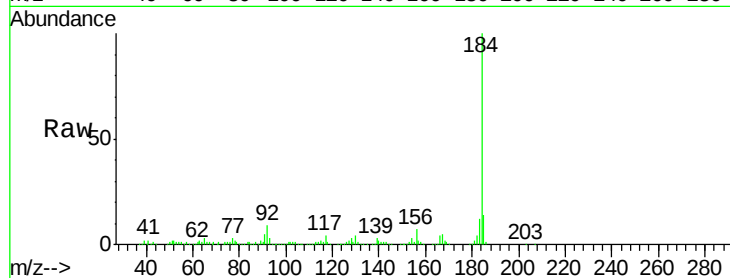




#76
Benzidine
Concen: 36.84 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

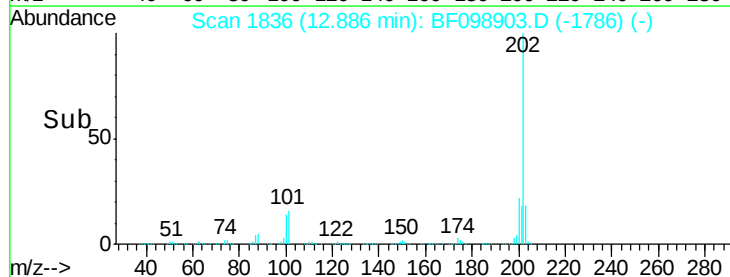
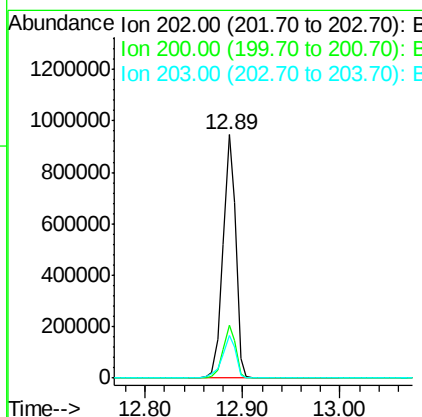
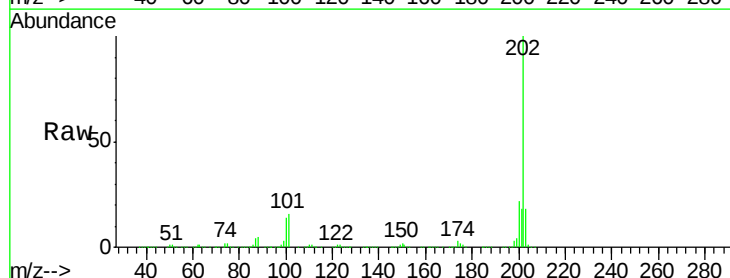
Instrument :
BNA_F
ClientSampled :

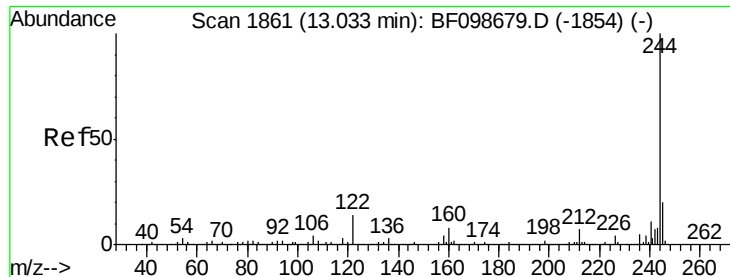
Tot Ion:184 Resp: 342030
Ion Ratio Lower Upper
184 100
185 13.8 12.6 18.8
183 11.5 9.3 13.9



#77
Pyrene
Concen: 44.69 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion:202 Resp: 855489
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.7 14.3 21.5





#78

Terphenyl-d14

Concen: 82.86 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampled :

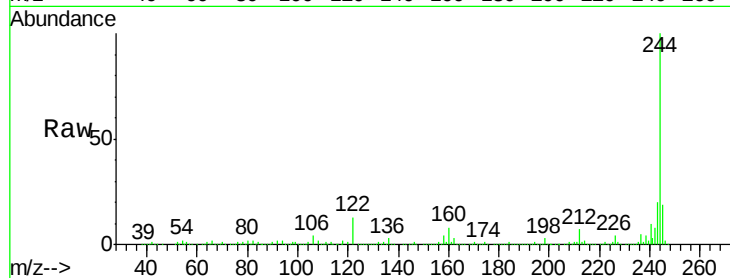
Tot Ion:244 Resp: 914678

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

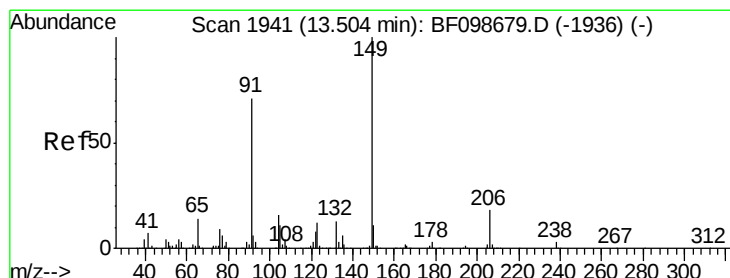
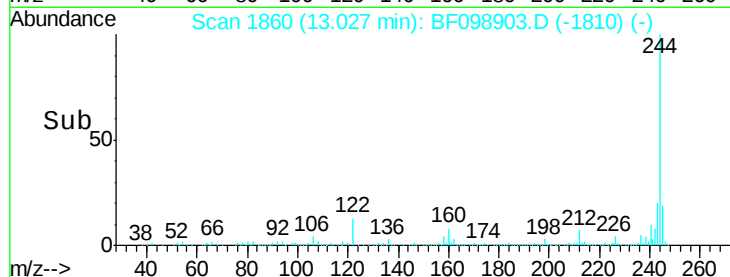
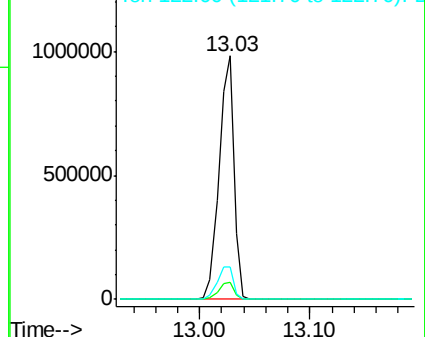
122 13.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 41.89 ng

RT: 13.50 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

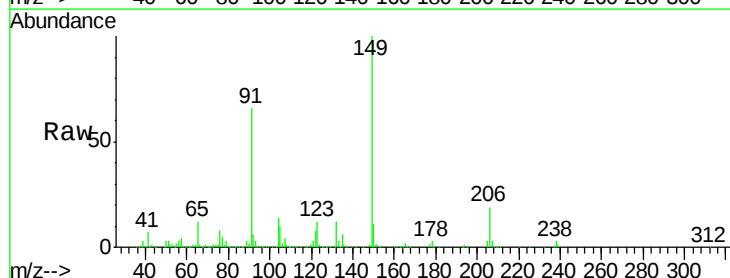
Tgt Ion:149 Resp: 376887

Ion Ratio Lower Upper

149 100

91 65.6 56.8 85.2

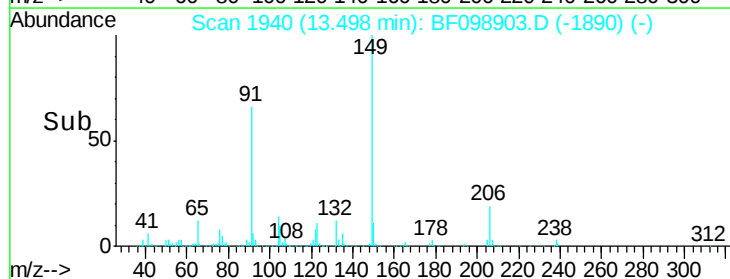
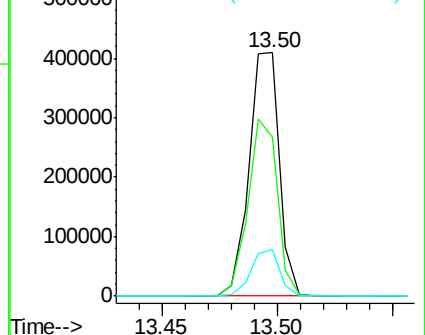
206 19.1 14.1 21.1

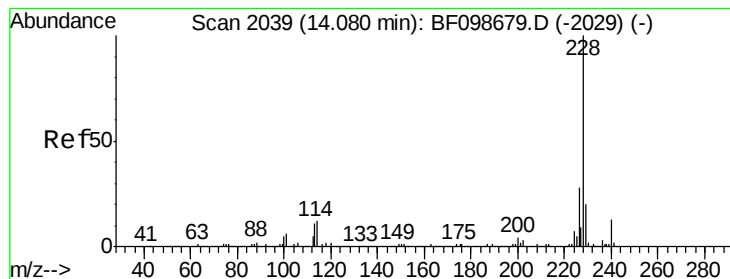


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 34.65 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

Instrument :

BNA_F

ClientSampleId :

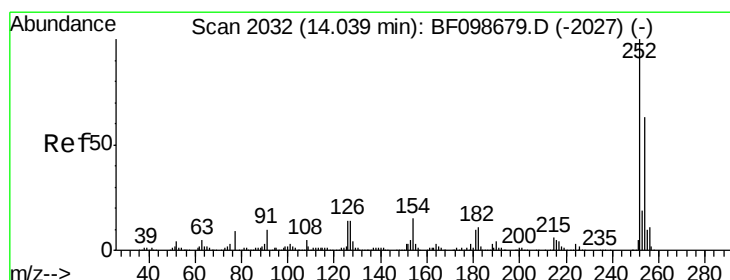
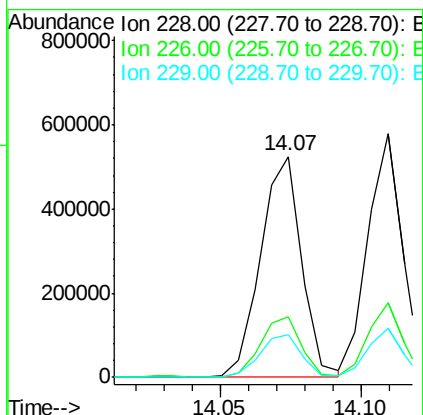
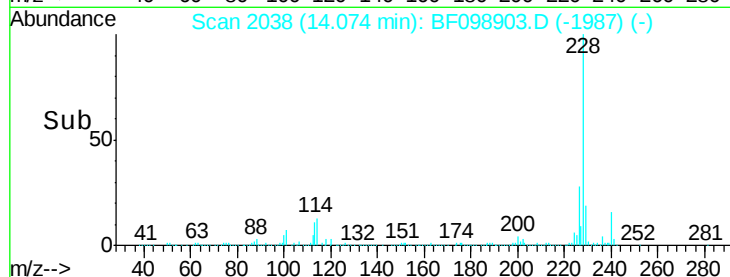
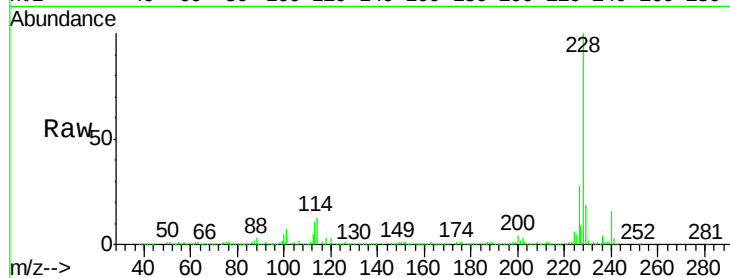
Tot Ion:228 Resp: 526767

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

229 19.5 15.8 23.6



#81

3,3'-Dichlorobenzidine

Concen: 30.72 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF098903.D

Acq: 28 Sep 2017 12:46

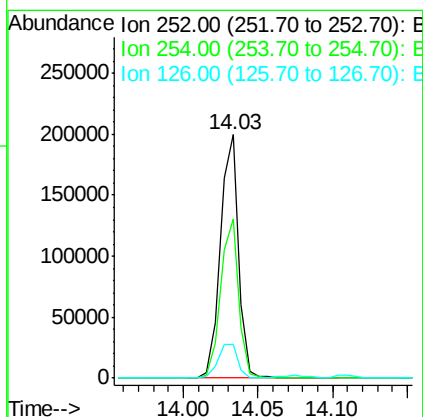
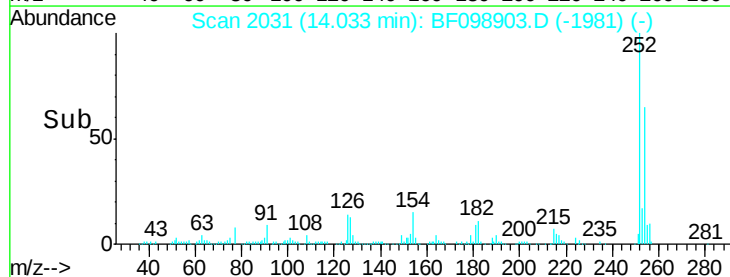
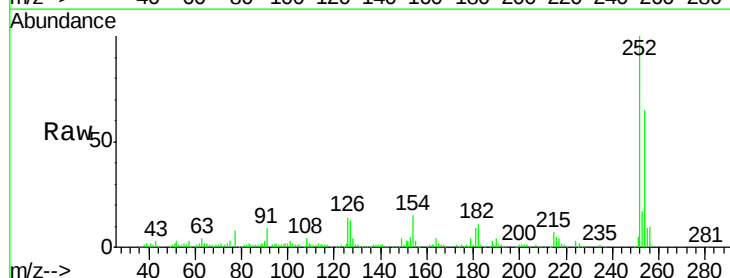
Tgt Ion:252 Resp: 171164

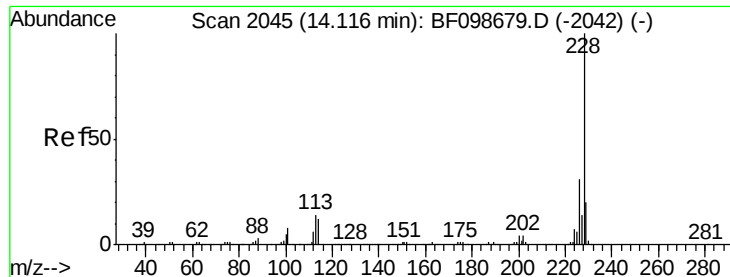
Ion Ratio Lower Upper

252 100

254 65.3 50.4 75.6

126 13.7 11.3 16.9

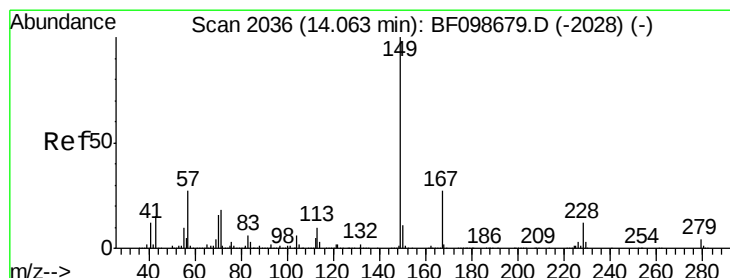
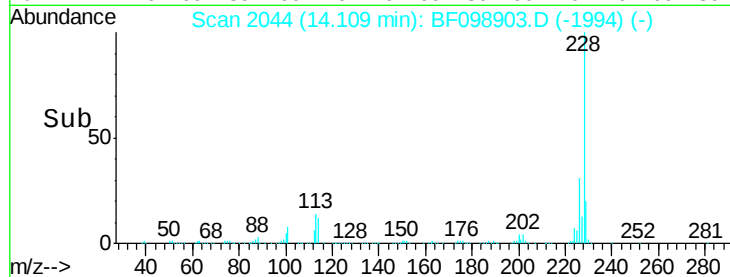
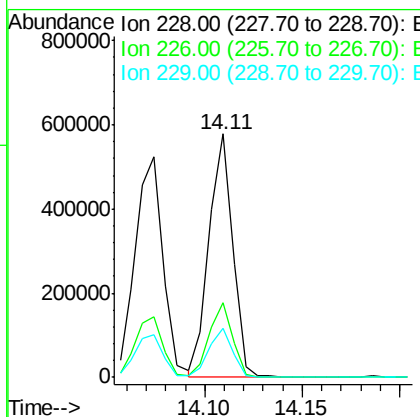
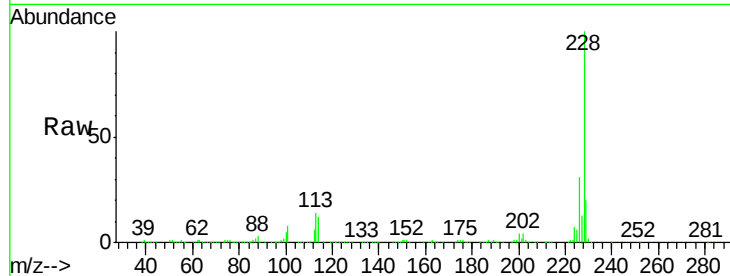




#82
 Chrysene
 Concen: 33.82 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

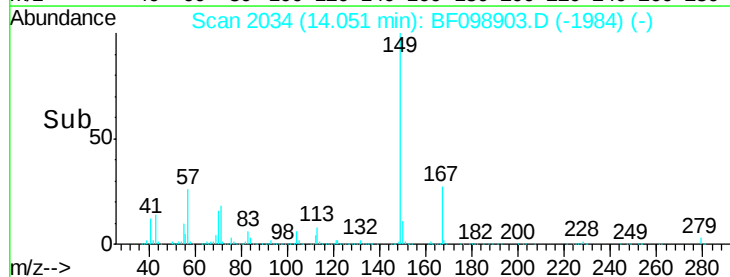
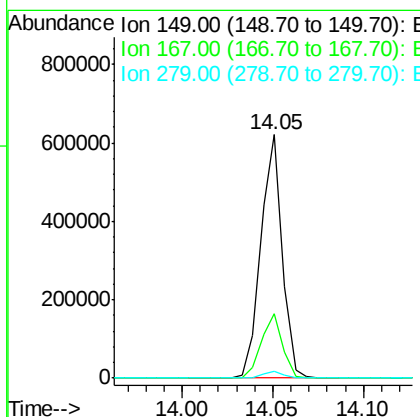
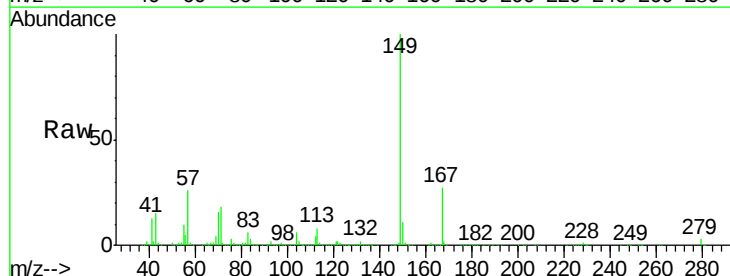
Instrument :
 BNA_F
 ClientSampleId :

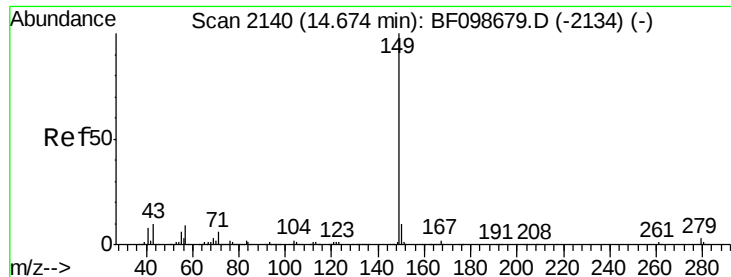
Tot Ion:228 Resp: 489460
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 19.9 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.05 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098903.D
 Acq: 28 Sep 2017 12:46

Tgt Ion:149 Resp: 508474
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 2.8 3.0 4.4#

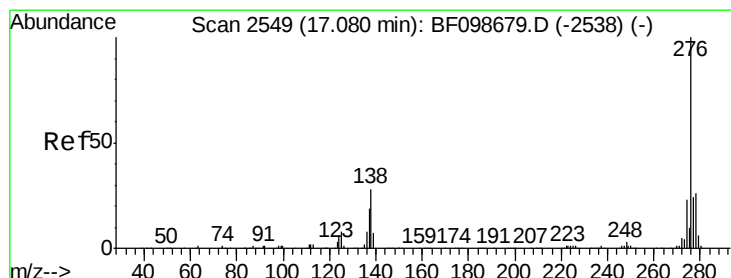
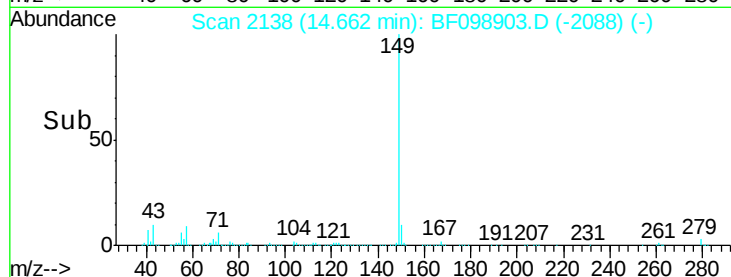
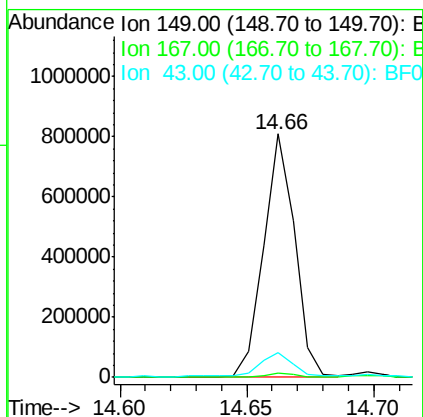
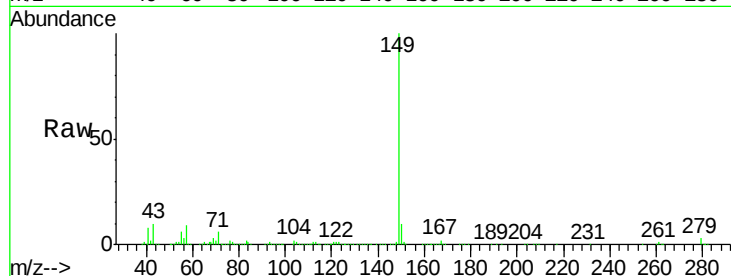




#84
Di-n-octyl phthalate
Concen: 34.80 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

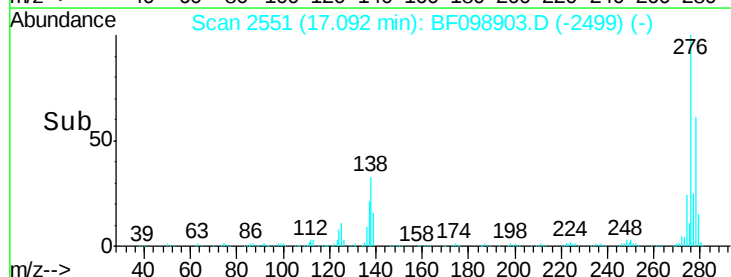
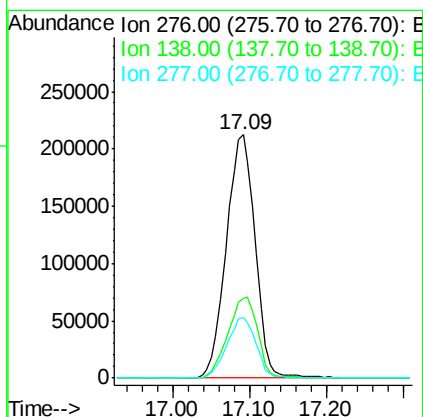
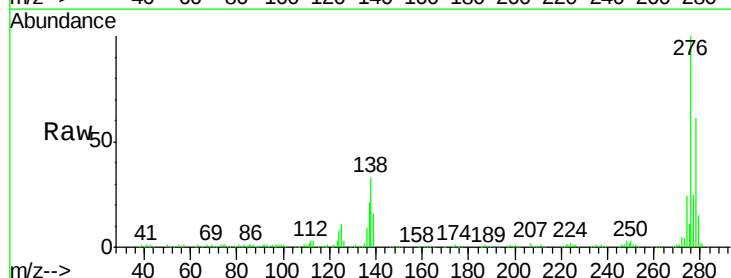
Instrument :
BNA_F
ClientSampleId :

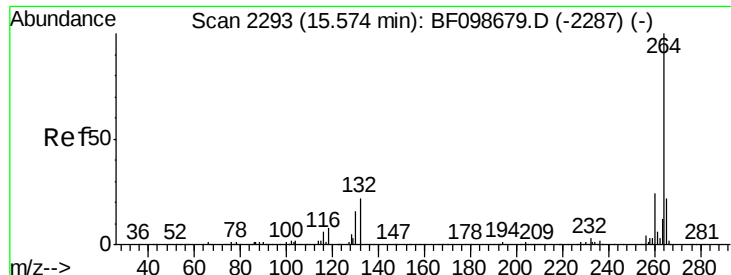
Tot Ion:149 Resp: 694212
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.0 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 47.88 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion:276 Resp: 554356
Ion Ratio Lower Upper
276 100
138 34.6 25.0 37.6
277 25.3 20.1 30.1

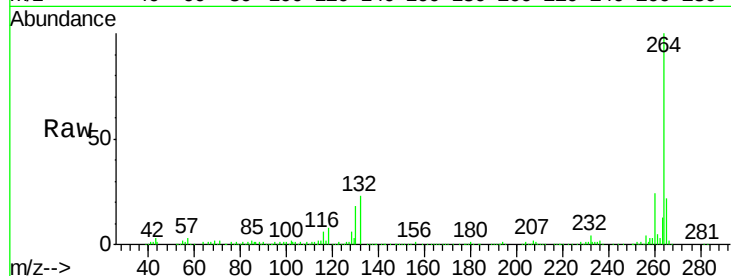




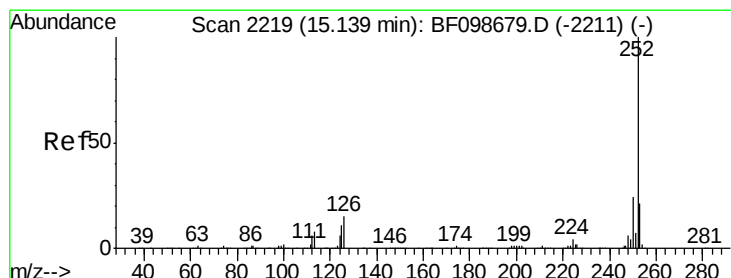
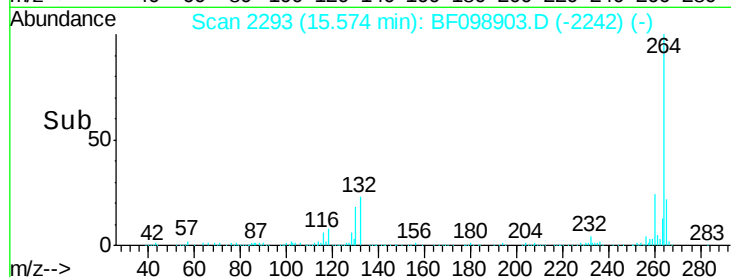
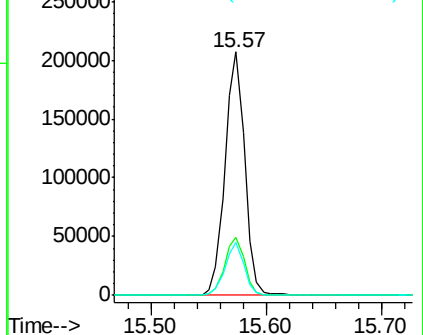
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 244452
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.0 17.5 26.3

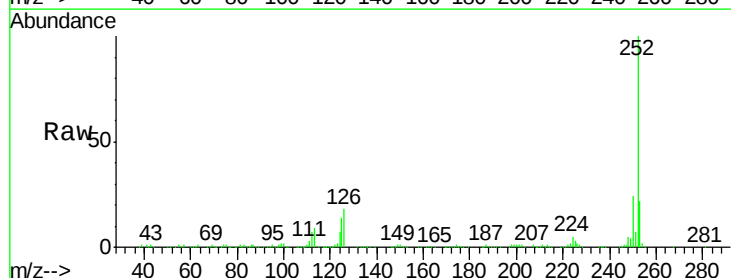


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

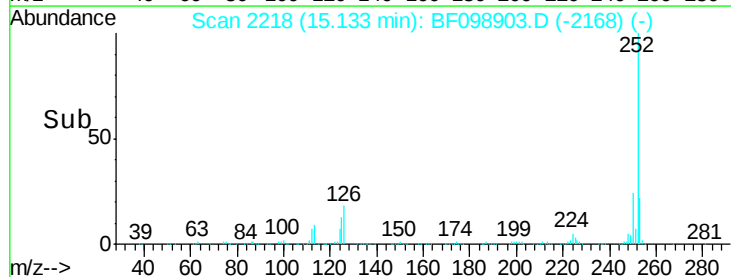
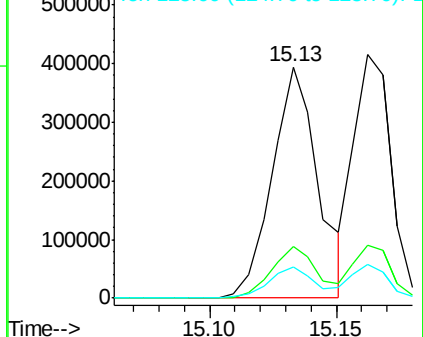


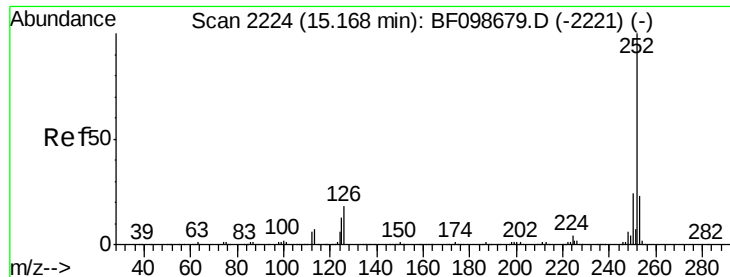
#87
Benzo(b)fluoranthene
Concen: 33.04 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion:252 Resp: 496586
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.6 9.0 13.6#



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

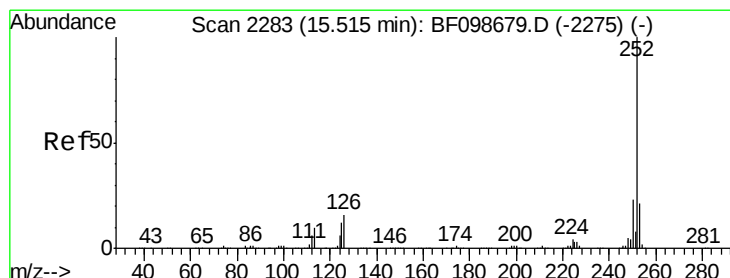
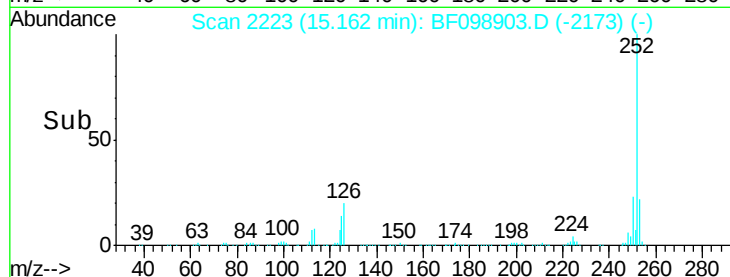
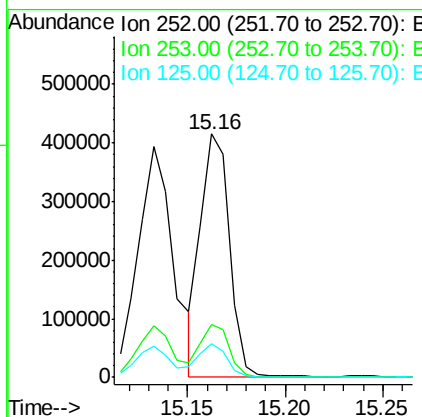
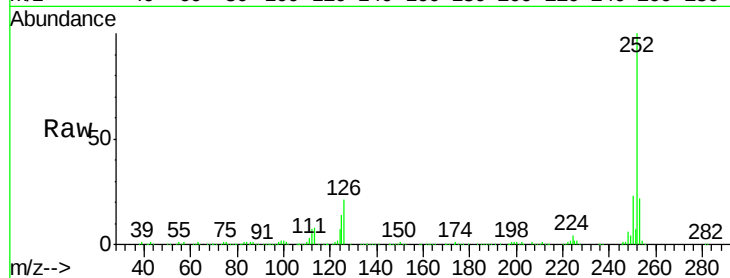




#88
Benzo(k)fluoranthene
Concen: 28.63 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

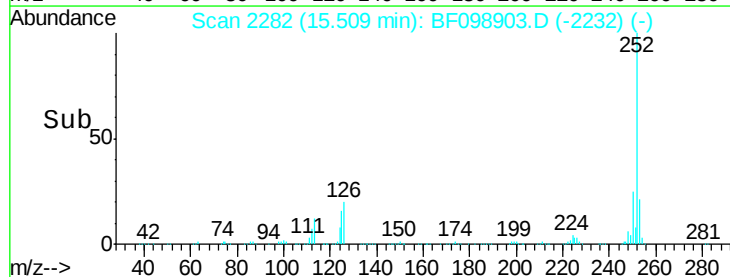
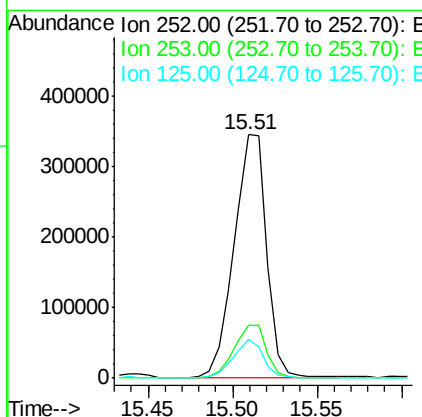
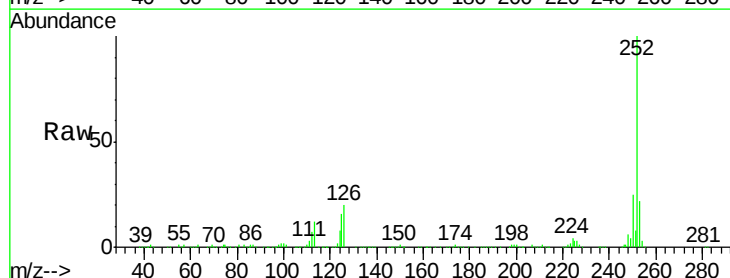
Instrument :
BNA_F
ClientSampled :

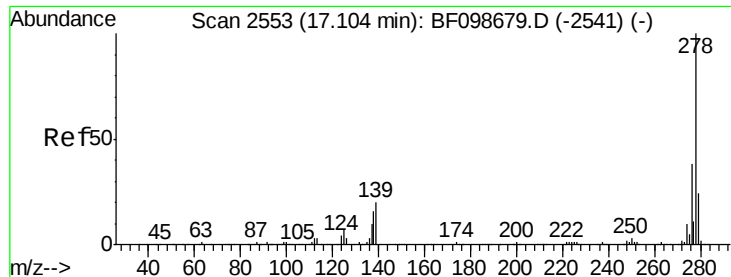
Tot Ion:252 Resp: 424957
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 13.8 10.2 15.2



#89
Benzo(a)pyrene
Concen: 33.56 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion:252 Resp: 462956
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 15.7 9.8 14.6#

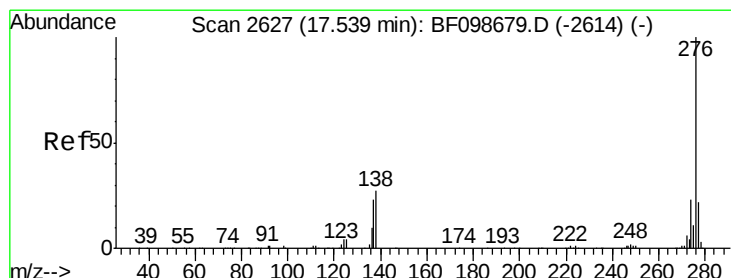
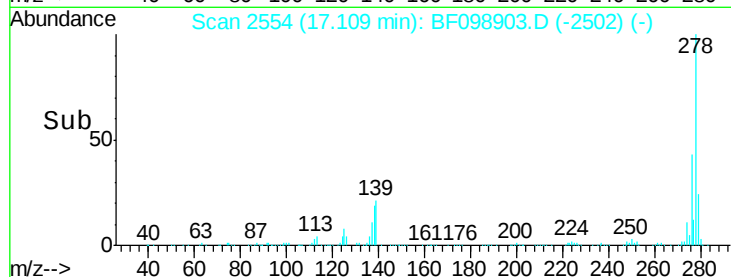
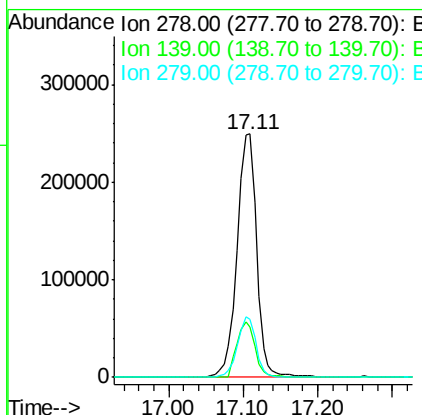
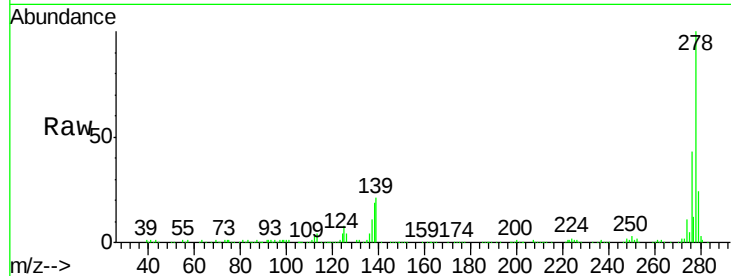




#90
Dibenzo(a,h)anthracene
Concen: 41.36 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.9	23.9
279	24.0	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 41.96 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF098903.D
Acq: 28 Sep 2017 12:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	29.8	21.8	32.8

