

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099894.D
 Acq On : 28 Oct 2017 00:08
 Operator : SJ/JU
 Sample : I6029-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 28 01:54:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	104877	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	436383	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	203912	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	351945	20.00	ng	0.00
75) Chrysene-d12	13.99	240	195622	20.00	ng	0.00
86) Perylene-d12	15.46	264	188165	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	885441	132.55	ng	0.01
7) Phenol-d6	6.45	99	1067727	134.80	ng	0.01
23) Nitrobenzene-d5	7.37	82	622517	91.84	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	234962	126.44	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1189657	90.01	ng	0.00
78) Terphenyl-d14	12.92	244	993309	110.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	98171	33.28	ng	# 88
3) Pyridine	3.35	79	238054	33.56	ng	# 86
4) n-Nitrosodimethylamine	3.29	42	95446	37.66	ng	# 68
6) Aniline	6.47	93	247883	24.14	ng	# 61
8) 2-Chlorophenol	6.59	128	283769	39.86	ng	94
9) Benzaldehyde	6.36	77	147356	31.13	ng	88
10) Phenol	6.46	94	370956	42.66	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	260841	38.84	ng	93
12) 1,3-Dichlorobenzene	6.73	146	289858	36.26	ng	96
13) 1,4-Dichlorobenzene	6.81	146	297967	36.73	ng	99
14) 1,2-Dichlorobenzene	6.97	146	272667	36.87	ng	94
15) Benzyl Alcohol	6.95	79	192697	38.25	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	323407	43.35	ng	# 43
17) 2-Methylphenol	7.06	107	223781	37.58	ng	# 95
18) Hexachloroethane	7.30	117	98334	36.33	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	173782	37.44	ng	90
20) 3+4-Methylphenols	7.22	107	284508	41.03	ng	# 68
22) Acetophenone	7.22	105	365687	36.80	ng	# 98
24) Nitrobenzene	7.39	77	269119	39.40	ng	# 88
25) Isophorone	7.62	82	518624	42.17	ng	97
26) 2-Nitrophenol	7.70	139	164143	41.96	ng	# 82
27) 2,4-Dimethylphenol	7.74	122	239771	41.60	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	336794	39.10	ng	99
29) 2,4-Dichlorophenol	7.95	162	253185	42.29	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	247312	38.66	ng	98
31) Naphthalene	8.10	128	813077	38.60	ng	99
32) Benzoic acid	7.86	122	12289	2.42	ng	90
33) 4-Chloroaniline	8.16	127	144060	16.56	ng	94
34) Hexachlorobutadiene	8.21	225	120124	36.51	ng	98
35) Caprolactam	8.56	113	47848	25.41	ng	# 75
36) 4-Chloro-3-methylphenol	8.66	107	246742	40.38	ng	94
37) 2-Methylnaphthalene	8.79	142	565251	40.04	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	232399	35.29	ng	97
40) Hexachlorocyclopentadiene	8.94	237	71080	57.56	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	157622	39.57	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	158371	37.46	nq	95
45) 1,1'-Biphenyl	9.26	154	659930	35.77	nq	97
46) 2-Chloronaphthalene	9.29	162	519369	38.77	nq	94
47) 2-Nitroaniline	9.40	65	135009	38.40	nq	85
48) Acenaphthylene	9.70	152	761171	36.89	nq	99
49) Dimethylphthalate	9.57	163	771792	47.79	nq	100
50) 2,6-Dinitrotoluene	9.64	165	133818	39.42	nq	92
51) Acenaphthene	9.87	154	460084	36.49	nq	98
52) 3-Nitroaniline	9.82	138	111216	27.80	nq	# 85
53) 2,4-Dinitrophenol	9.94	184	68264	53.02	nq	# 81
54) Dibenzofuran	10.05	168	669923	37.64	nq	98
55) 4-Nitrophenol	10.00	139	137675	65.87	nq	80
56) 2,4-Dinitrotoluene	10.06	165	165029	40.37	nq	# 83
57) Fluorene	10.39	166	549828	37.31	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	124878	42.13	nq	91
59) Diethylphthalate	10.27	149	581402	36.87	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	252091	36.35	nq	94
61) 4-Nitroaniline	10.45	138	136377	35.74	nq	82
62) Azobenzene	10.55	77	542710	41.06	nq	86
64) 4,6-Dinitro-2-methylphenol	10.47	198	71217	32.19	nq	# 70
65) n-Nitrosodiphenylamine	10.51	169	479830	36.93	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	146710	39.60	nq	# 87
67) Hexachlorobenzene	10.95	284	148475	39.17	nq	93
68) Atrazine	11.04	200	152800	39.15	nq	97
69) Pentachlorophenol	11.15	266	102500	63.28	nq	99
70) Phenanthrene	11.36	178	758737	38.20	nq	98
71) Anthracene	11.42	178	778973	38.64	nq	99
72) Carbazole	11.57	167	701747	37.01	nq	99
73) Di-n-butylphthalate	11.89	149	885377	36.61	nq	99
74) Fluoranthene	12.55	202	723062	35.03	nq	99
76) Benzidine	12.68	184	68044	7.95	nq	98
77) Pyrene	12.79	202	716667	48.18	nq	98
79) Butylbenzylphthalate	13.39	149	325666	44.46	nq	93
80) Benzo(a)anthracene	13.98	228	482857	38.94	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	125641	27.91	nq	100
82) Chrysene	14.02	228	450601	38.65	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	458674	44.59	nq	98
84) Di-n-octyl phthalate	14.56	149	641069	36.31	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.96	276	499411	46.66	nq	97
87) Benzo(b)fluoranthene	15.03	252	425008	35.77	nq	99
88) Benzo(k)fluoranthene	15.06	252	411612	36.74	nq	98
89) Benzo(a)pyrene	15.40	252	417267	39.10	nq	# 96
90) Dibenzo(a,h)anthracene	16.96	278	415579	43.82	nq	98
91) Benzo(g,h,i)perylene	17.40	276	435818	46.97	nq	97

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

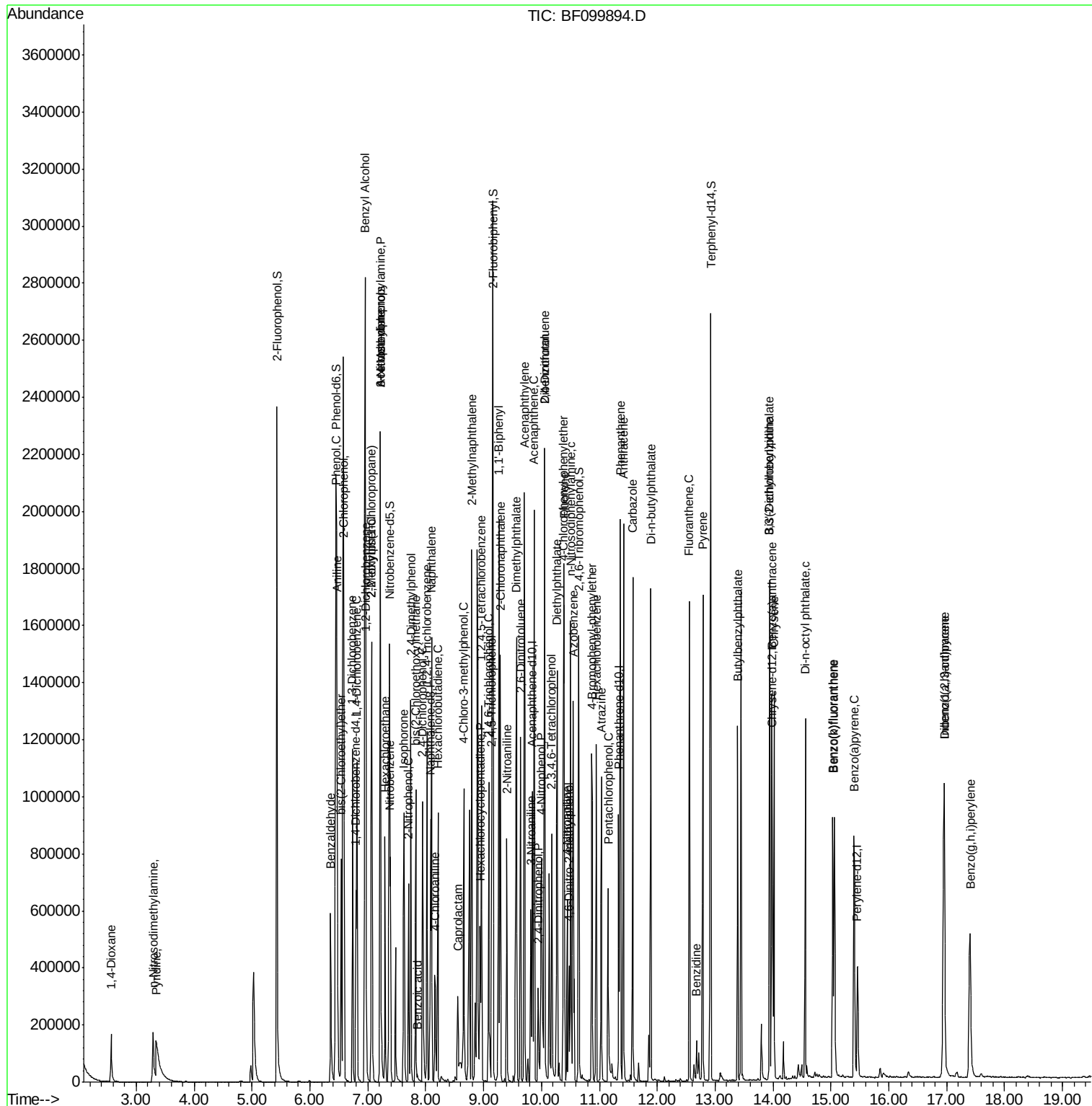
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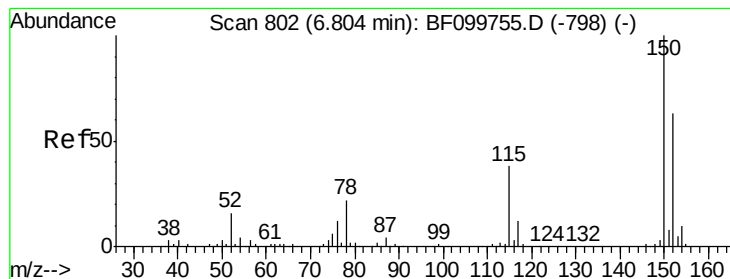
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

ClientSampleId :

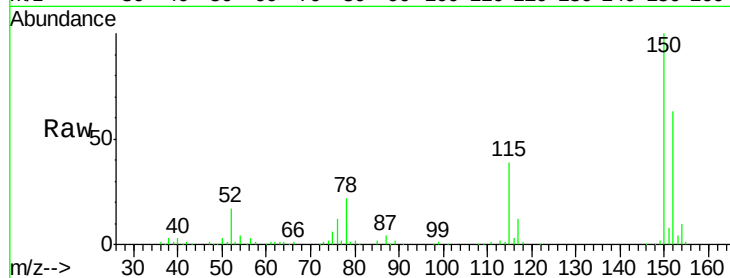
Tot Ion:152 Resp: 104877

Ion Ratio Lower Upper

152 100

150 157.7 124.6 186.8

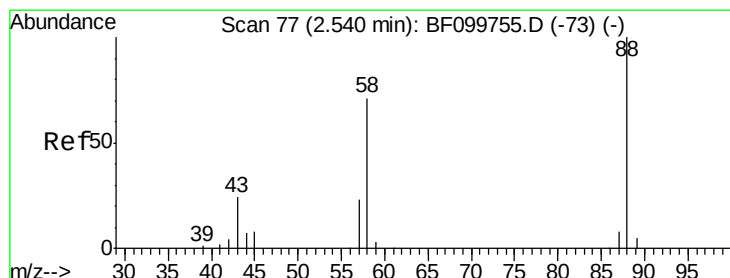
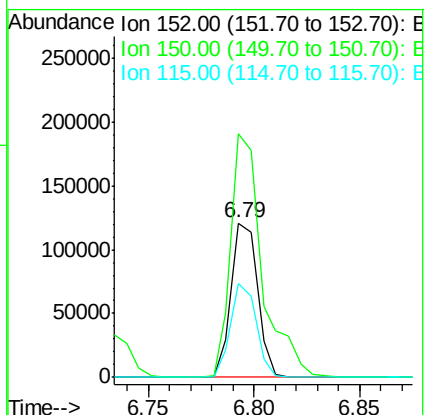
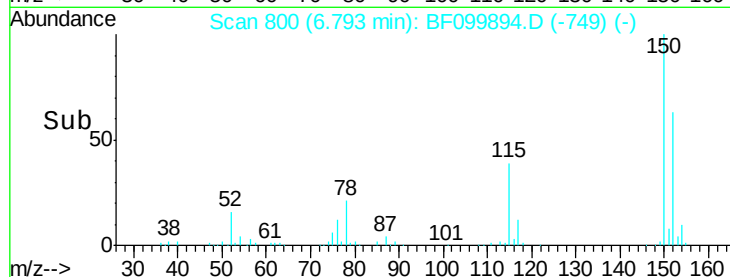
115 60.8 50.1 75.1



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: 33.28 ng

RT: 2.56 min Scan# 81

Delta R.T. 0.05 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

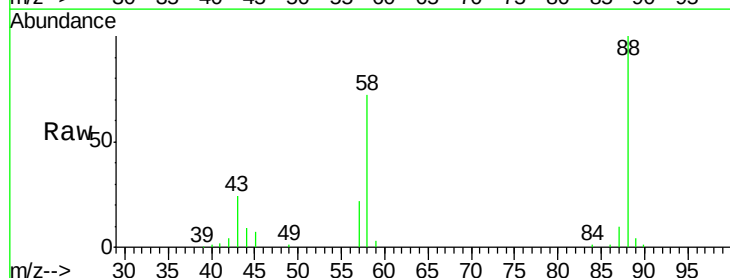
Tgt Ion: 88 Resp: 98171

Ion Ratio Lower Upper

88 100

58 69.4 62.6 93.8

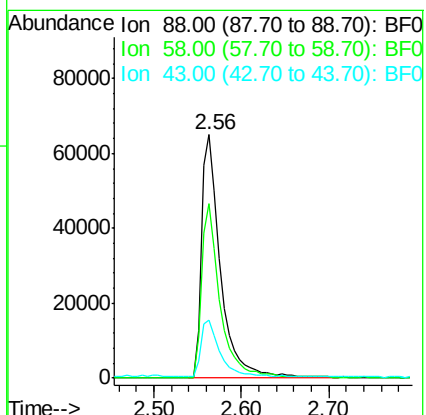
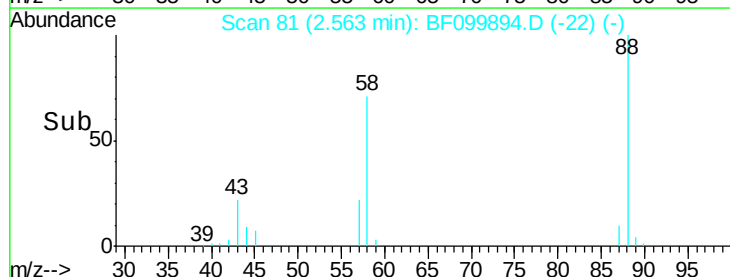
43 22.4 24.6 37.0#

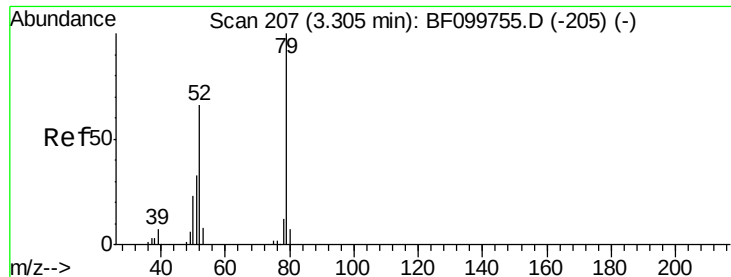


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

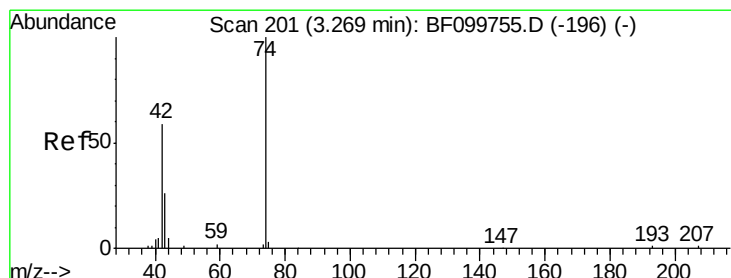
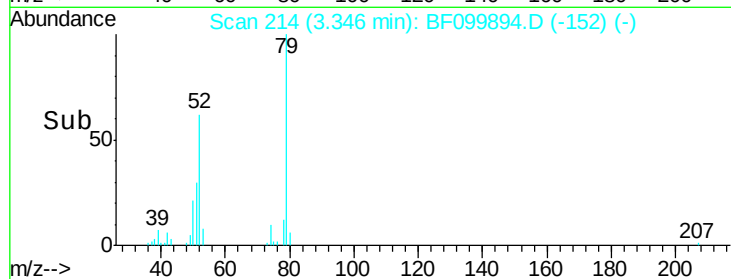
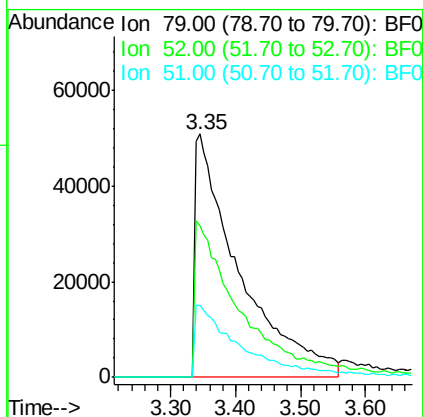
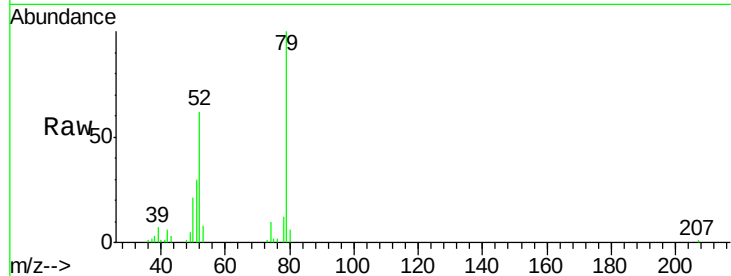




#3
 Pvridine
 Concen: 33.56 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.06 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

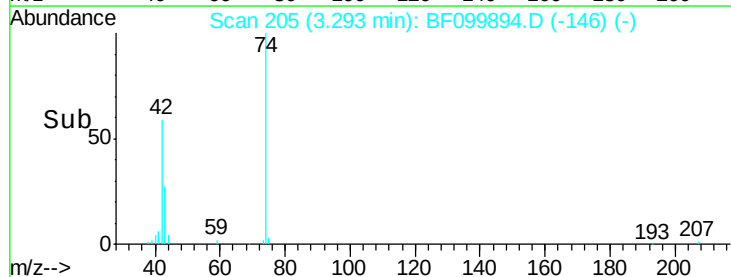
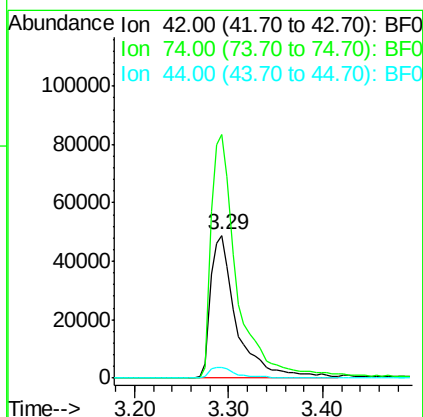
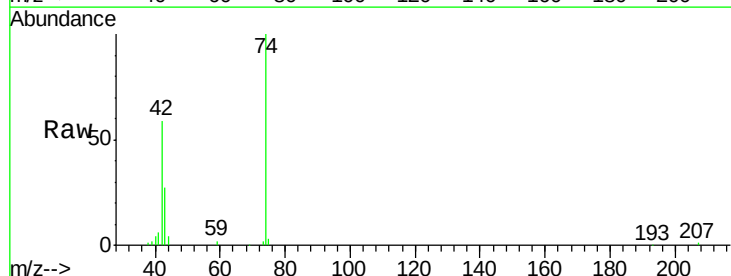
Instrument :
 BNA_F
 ClientSampleId :

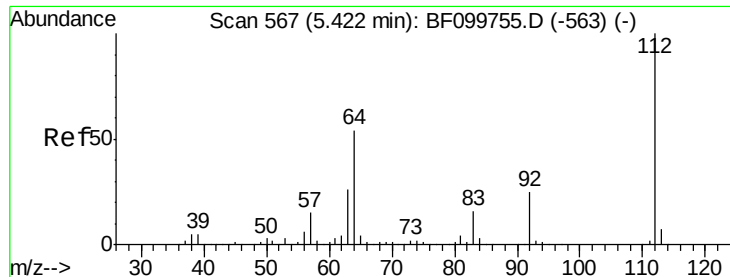
Tot Ion: 79 Resp: 238054
 Ion Ratio Lower Upper
 79 100
 52 62.2 59.8 89.6
 51 29.8 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 37.66 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.05 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion: 42 Resp: 95446
 Ion Ratio Lower Upper
 42 100
 74 170.7 104.9 157.3#
 44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 132.55 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

ClientSampleId :

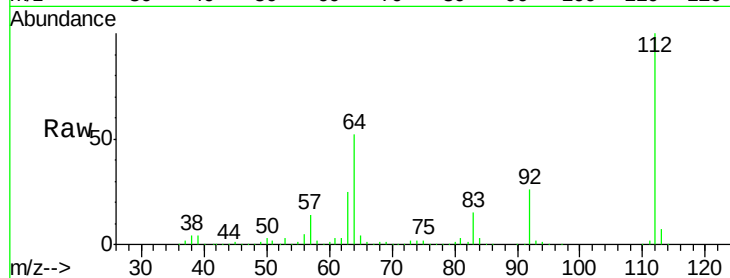
Tot Ion:112 Resp: 885441

Ion Ratio Lower Upper

112 100

64 51.7 47.9 71.9

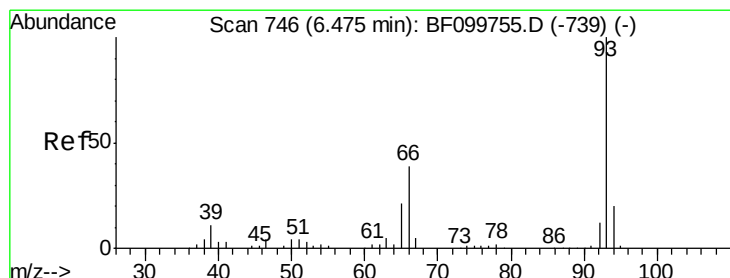
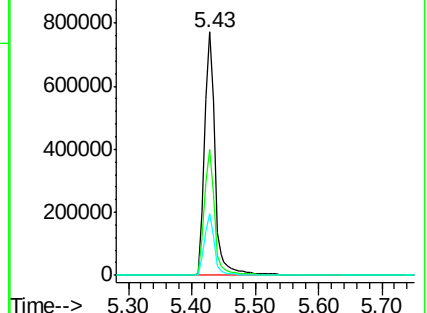
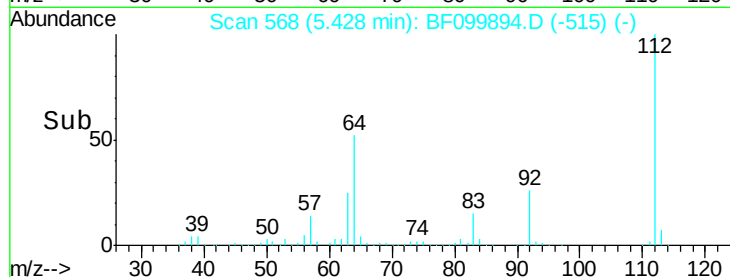
63 25.2 23.7 35.5



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: 24.14 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

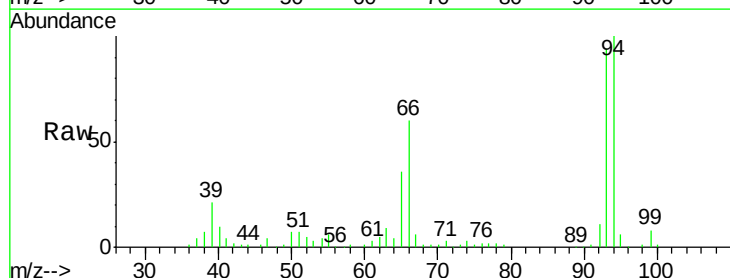
Tgt Ion: 93 Resp: 247883

Ion Ratio Lower Upper

93 100

66 64.1 32.2 48.2#

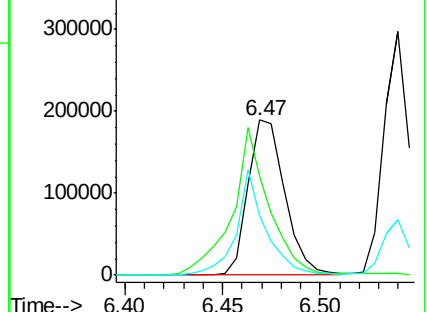
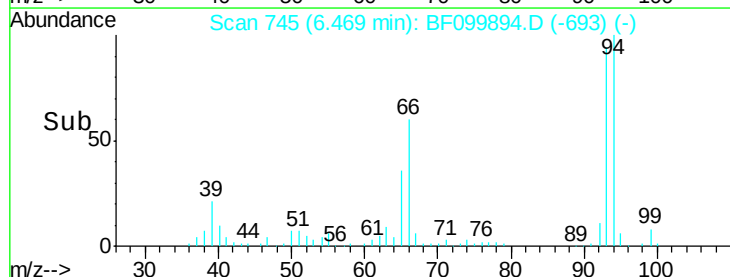
65 38.6 16.4 24.6#

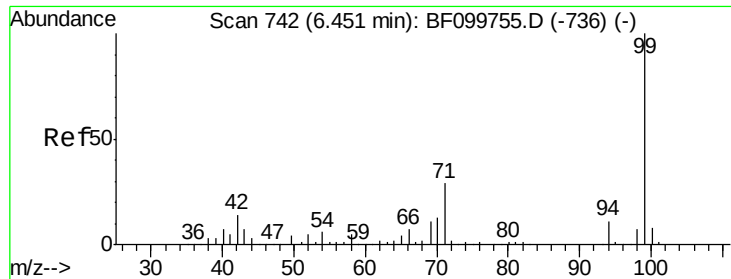


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.80 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

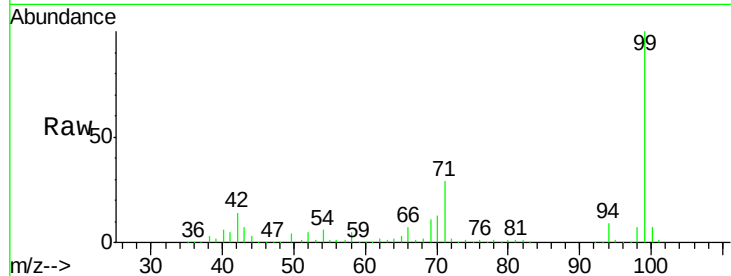
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1067727

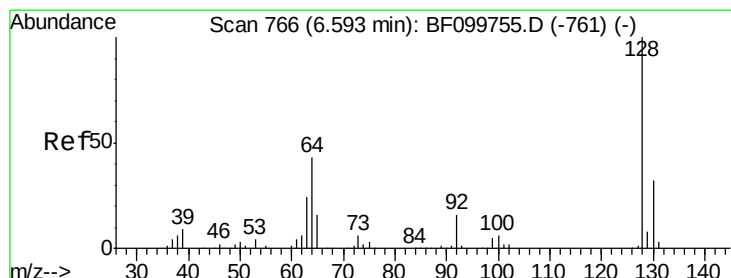
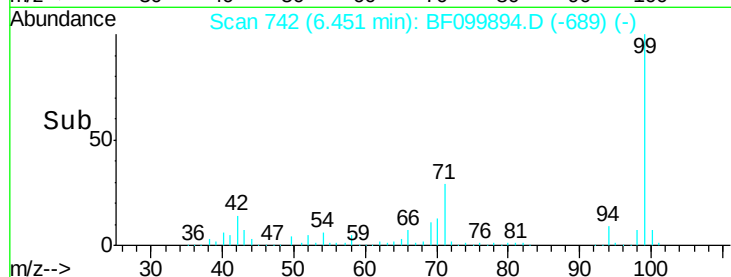
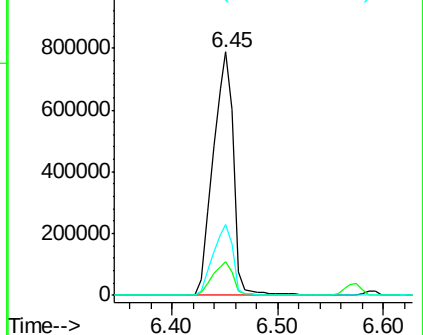
Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	28.9	25.4	38.0



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: 39.86 ng

RT: 6.59 min Scan# 765

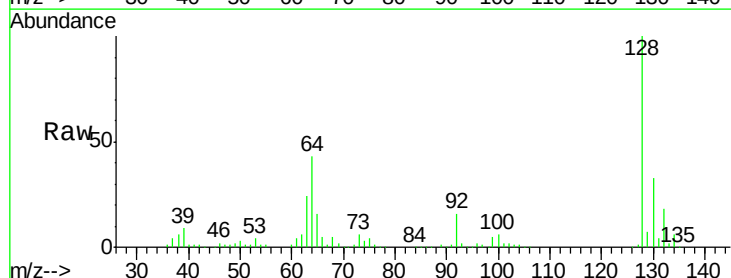
Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion:128 Resp: 283769

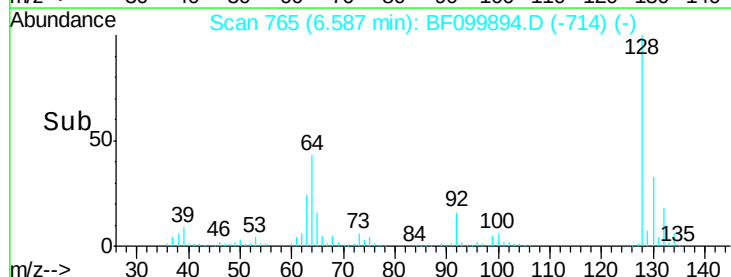
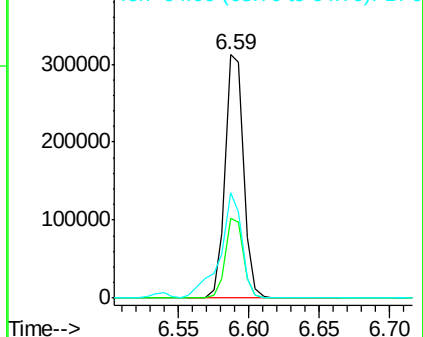
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	43.4	29.4	69.4

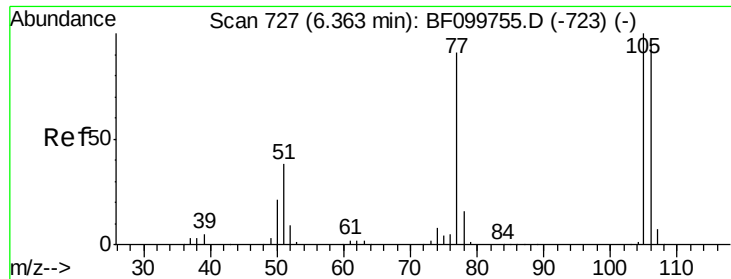


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

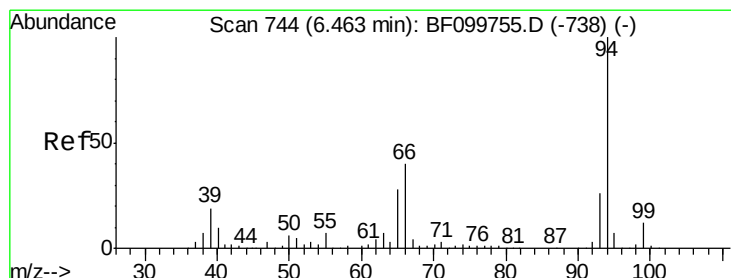
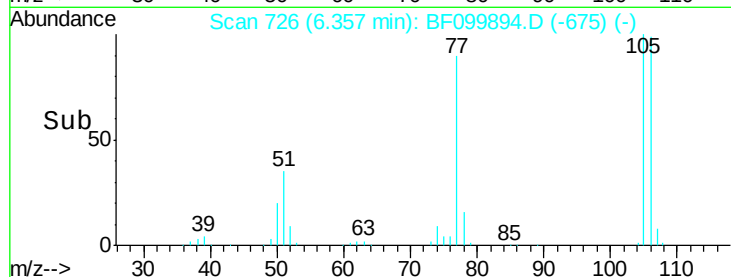
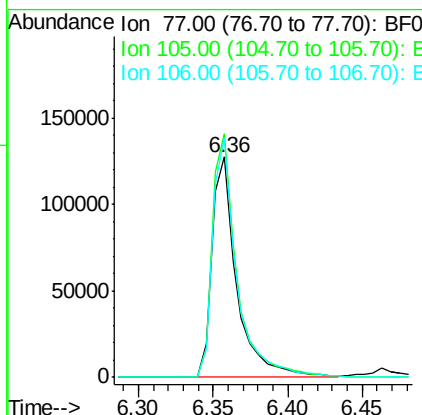
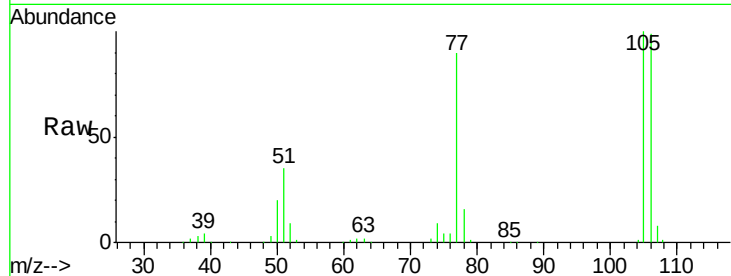




#9
Benzaldehyde
Concen: 31.13 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

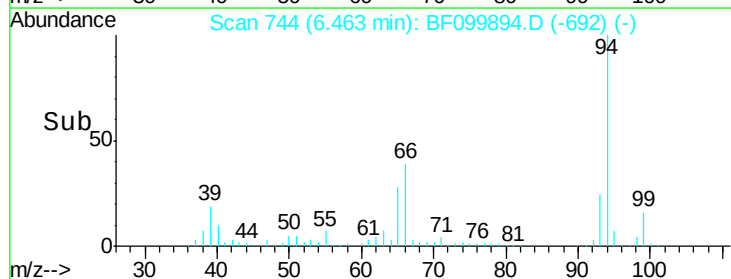
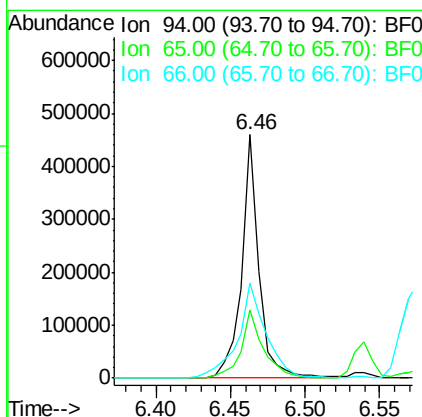
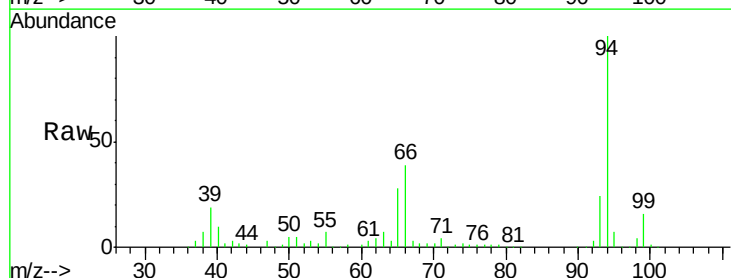
Instrument :
BNA_F
ClientSampleId :

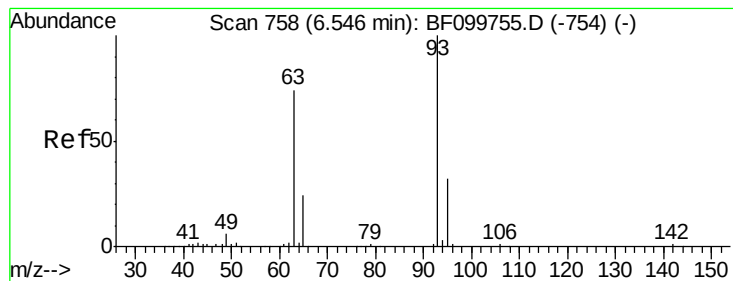
Tot Ion: 77 Resp: 147356
Ion Ratio Lower Upper
77 100
105 110.5 81.1 121.1
106 108.8 74.5 114.5



#10
Phenol
Concen: 42.66 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion: 94 Resp: 370956
Ion Ratio Lower Upper
94 100
65 28.1 7.9 47.9
66 39.1 16.2 56.2

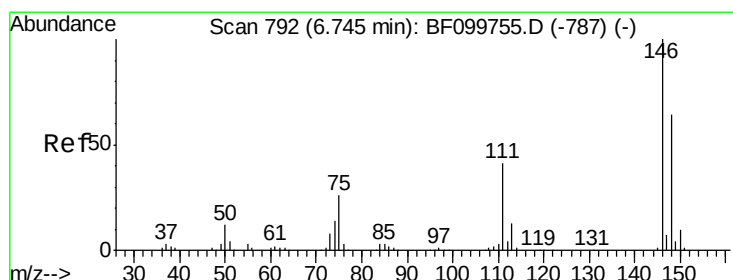
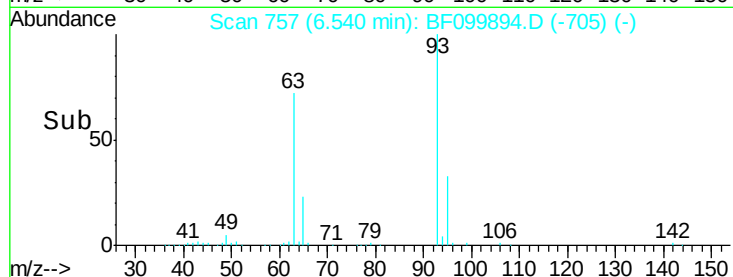
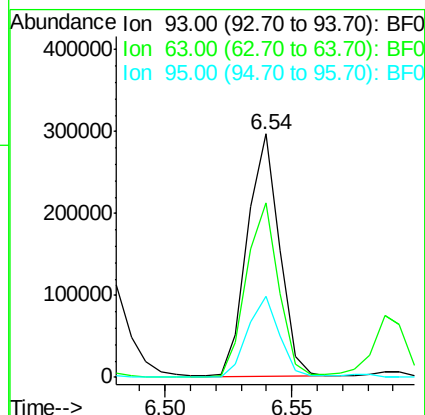
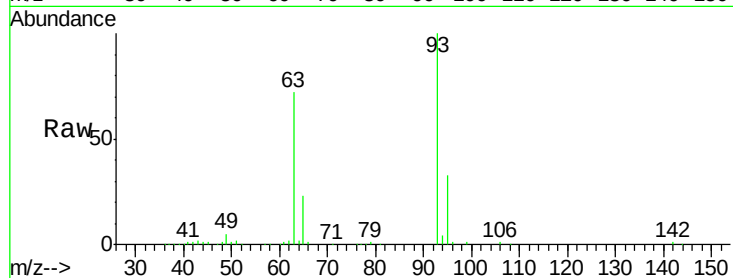




#11
bis(2-Chloroethyl)ether
Concen: 38.84 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

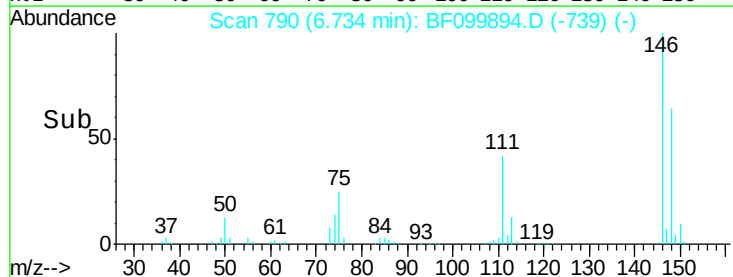
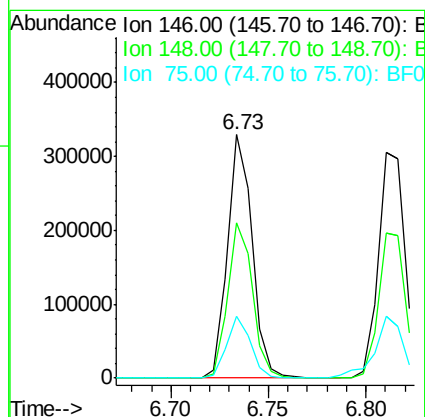
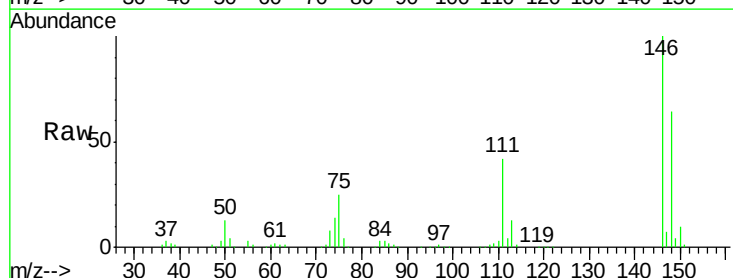
Instrument :
BNA_F
ClientSampleId :

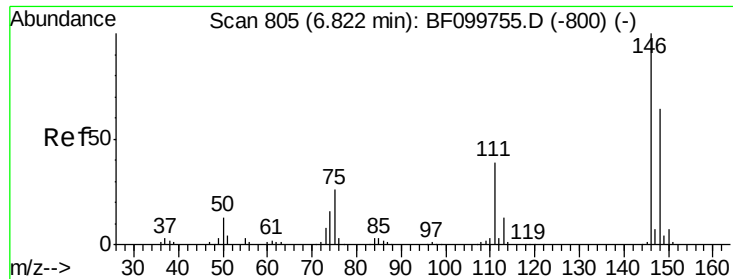
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	58.6	98.6
95	33.4	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 36.26 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	25.4	24.2	36.4

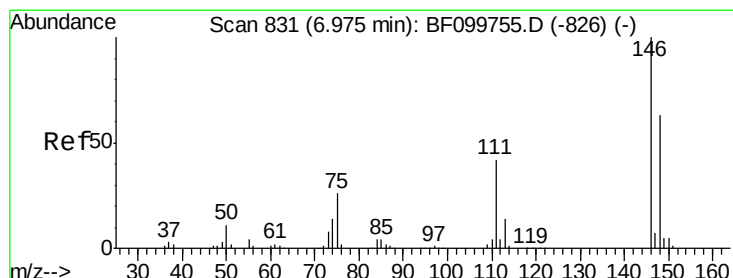
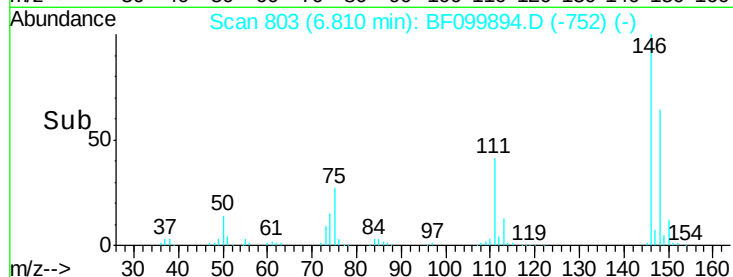
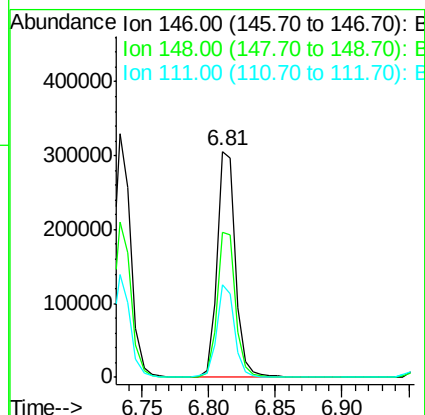
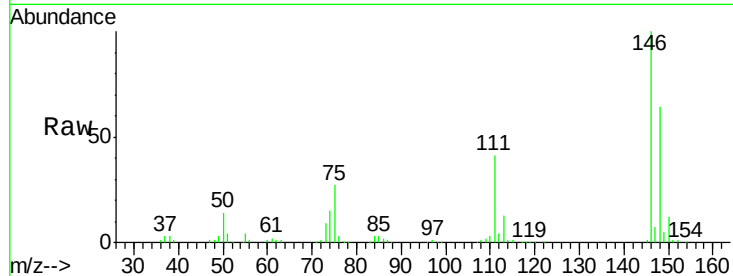




#13
1,4-Dichlorobenzene
Concen: 36.73 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

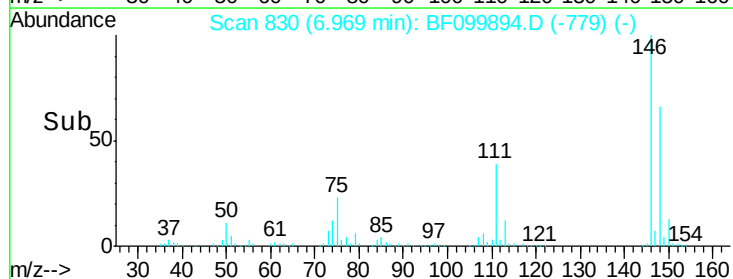
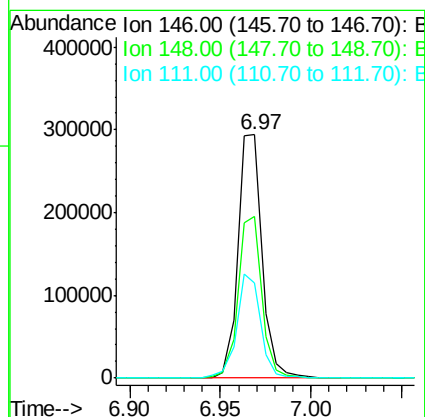
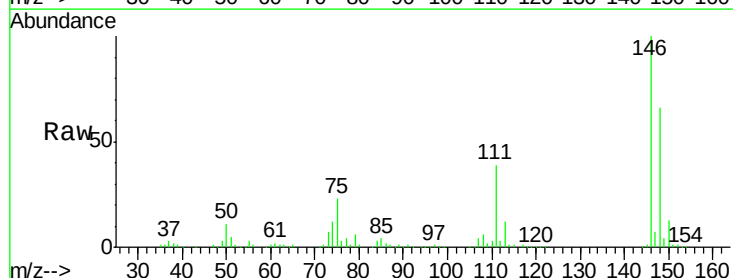
Instrument :
BNA_F
ClientSampleId :

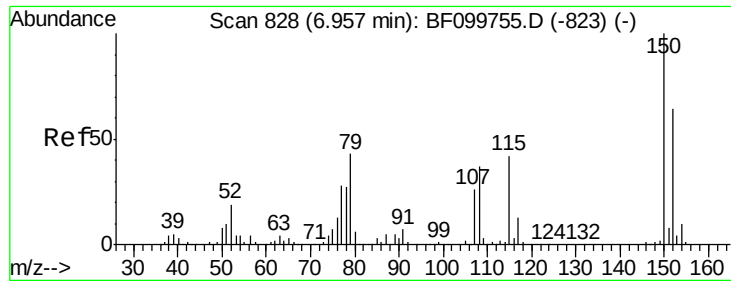
Tot Ion:146 Resp: 297967
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 41.1 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 36.87 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion:146 Resp: 272667
Ion Ratio Lower Upper
146 100
148 66.2 50.6 75.8
111 39.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.25 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

ClientSampled :

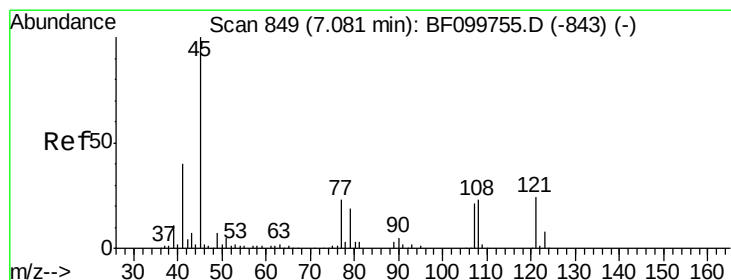
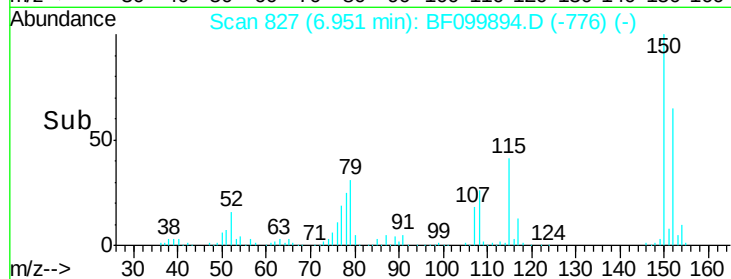
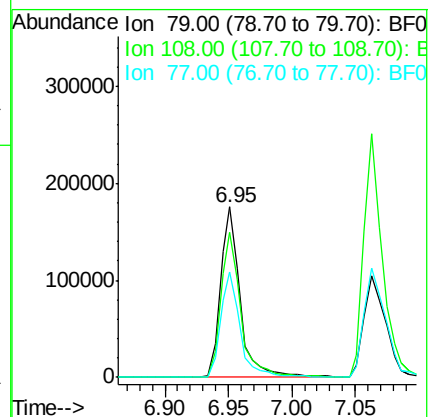
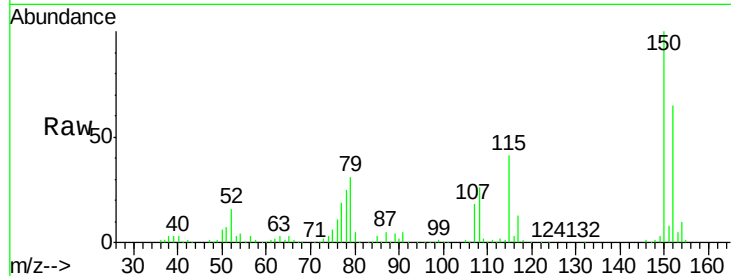
Tot Ion: 79 Resp: 192697

Ion Ratio Lower Upper

79 100

108 85.0 65.1 97.7

77 61.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.35 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

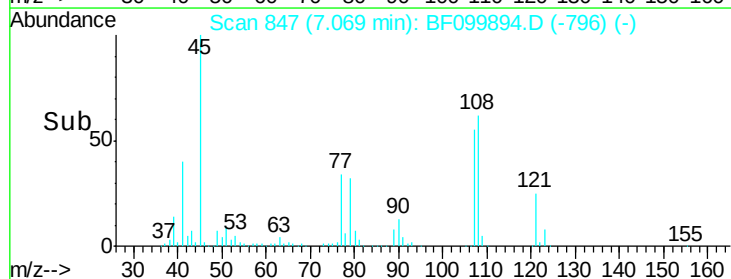
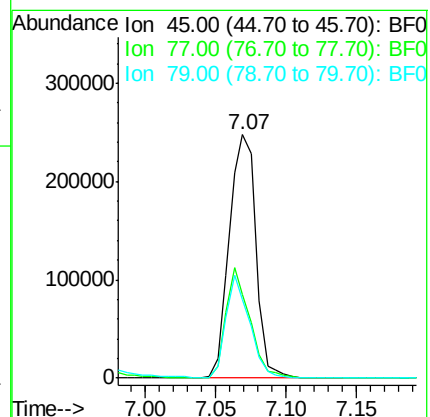
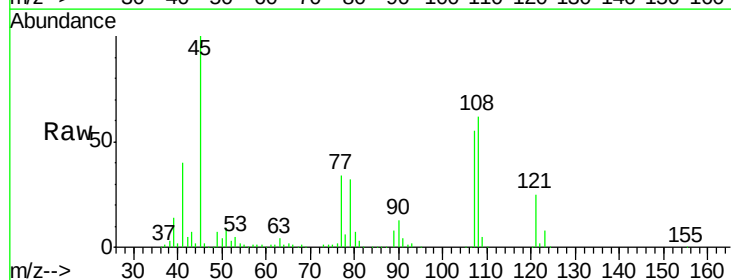
Tgt Ion: 45 Resp: 323407

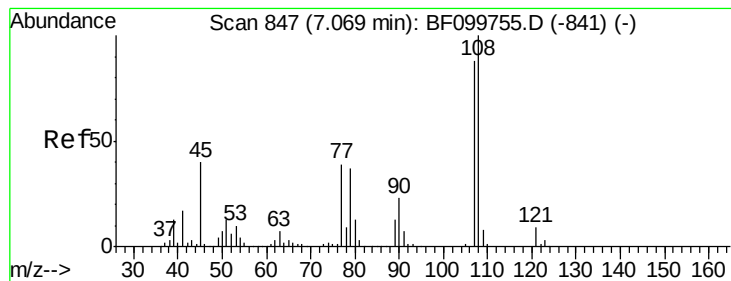
Ion Ratio Lower Upper

45 100

77 34.2 0.0 32.9#

79 32.0 0.0 29.6#

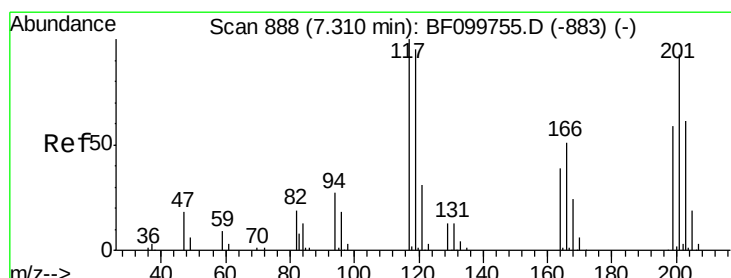
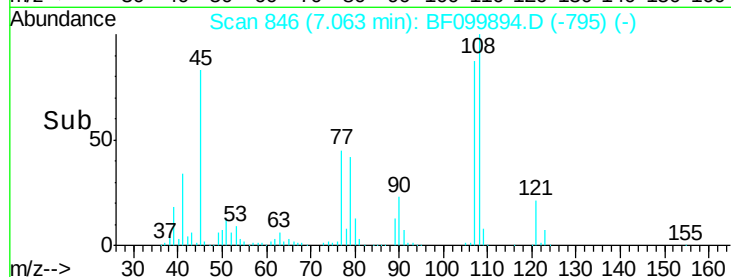
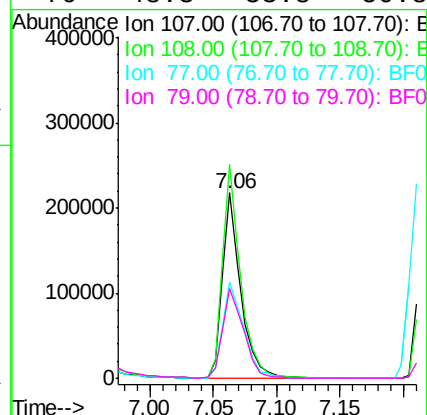
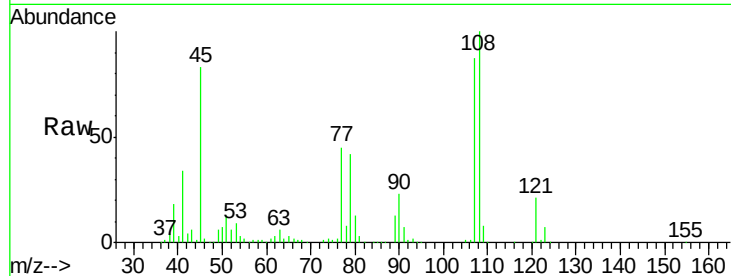




#17
2-Methylphenol
Concen: 37.58 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

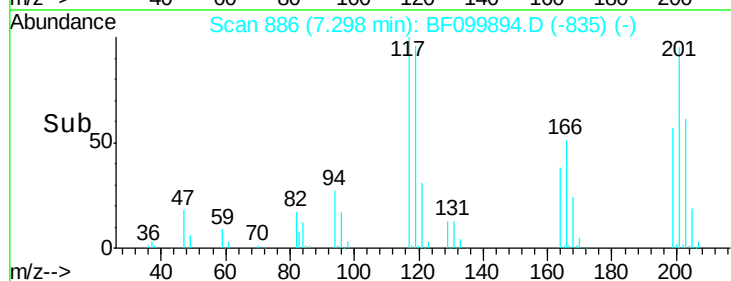
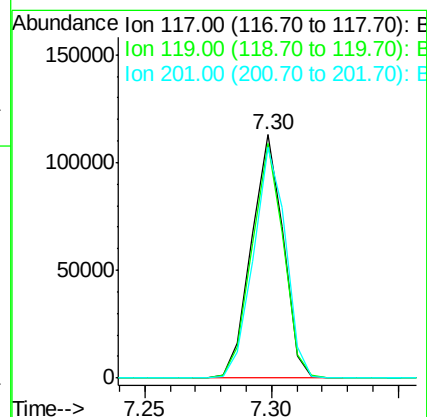
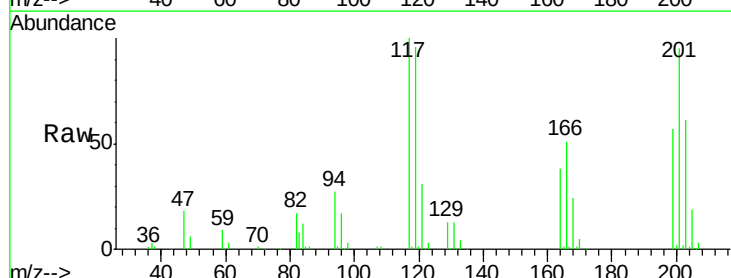
Instrument :
BNA_F
ClientSampled :

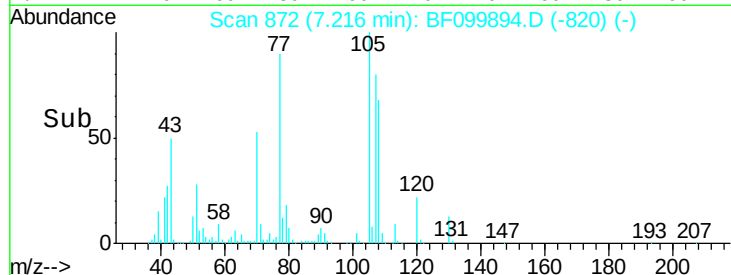
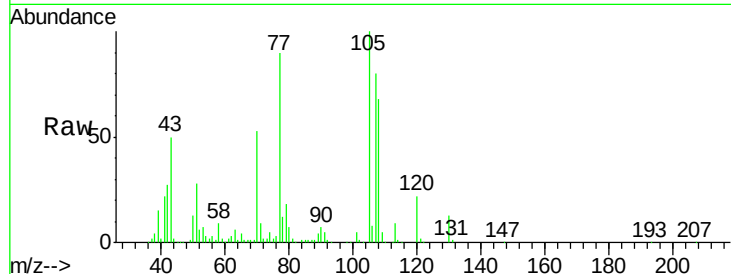
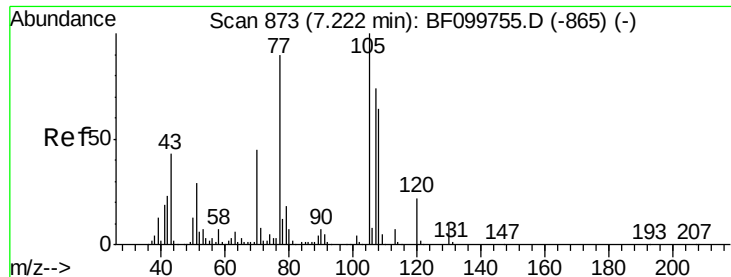
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	91.7	137.5
77	51.7	33.8	50.8
79	48.3	33.8	50.8



#18
Hexachloroethane
Concen: 36.33 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	94.9	75.7	113.5

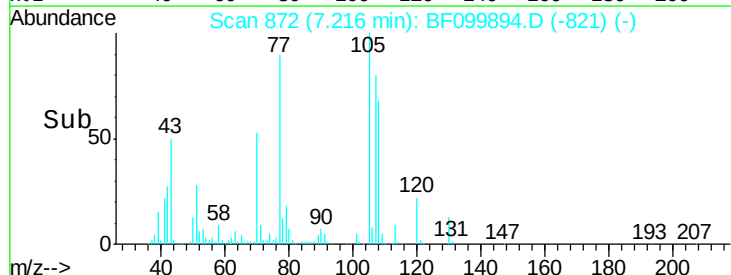
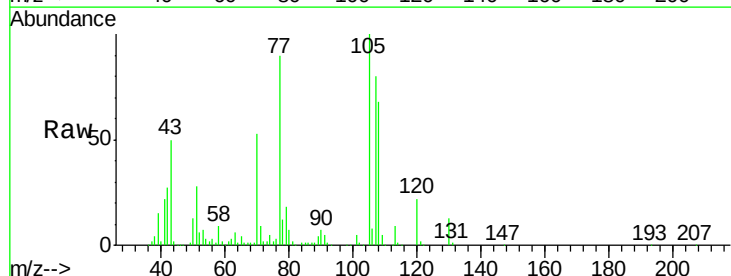
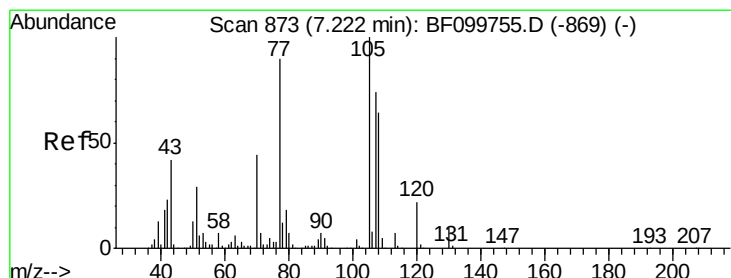
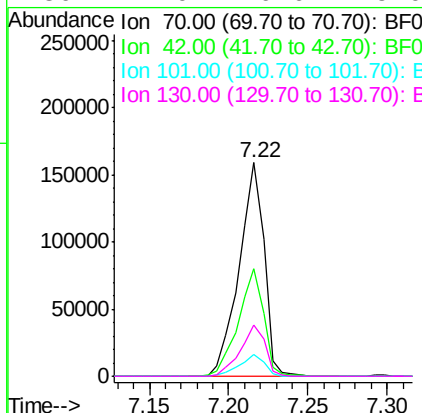




#19
n-Nitroso-di-n-propylamine
Concen: 37.44 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

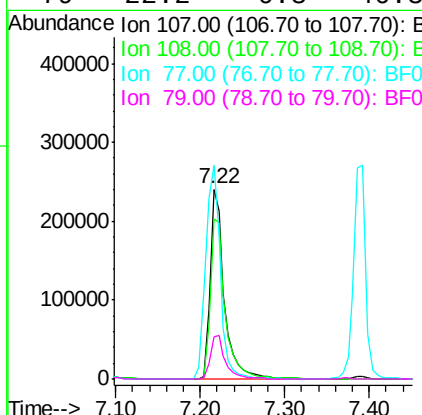
Instrument :
BNA_F
ClientSampled :

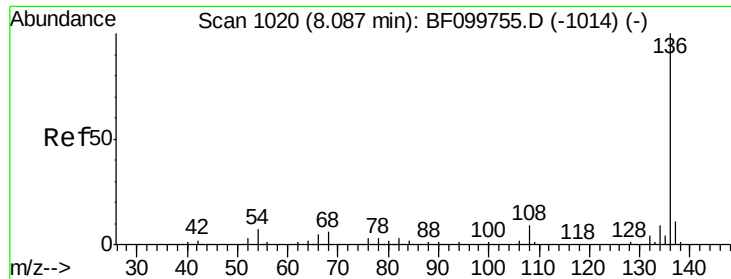
Tot Ion: 70 Resp: 173782
Ion Ratio Lower Upper
70 100
42 50.6 47.5 71.3
101 9.9 7.4 11.2
130 24.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 41.03 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion: 107 Resp: 284508
Ion Ratio Lower Upper
107 100
108 84.5 68.2 108.2
77 112.5 26.7 66.7#
79 22.2 6.3 46.3

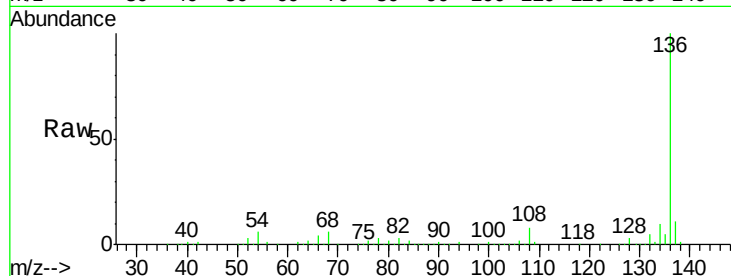




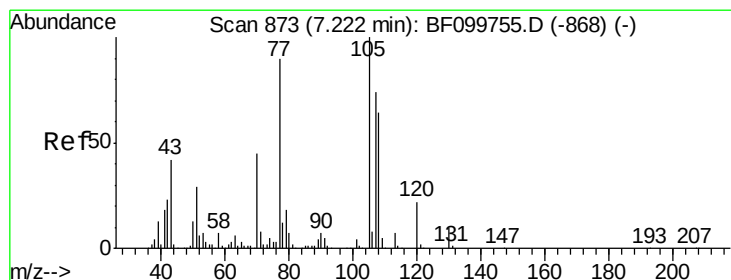
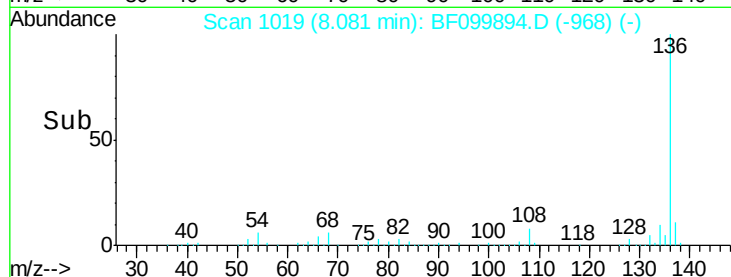
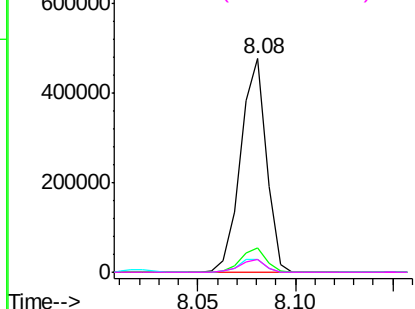
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	436383
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	6.2	6.6 9.8#
68	5.7	5.0 7.4

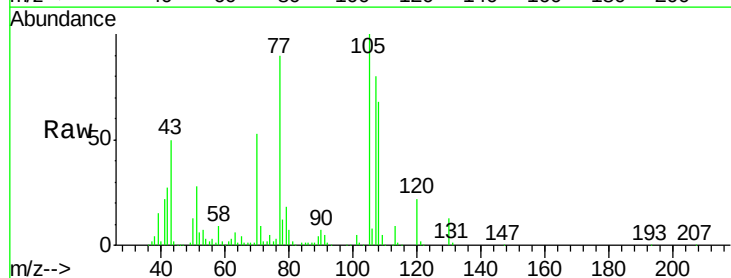


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

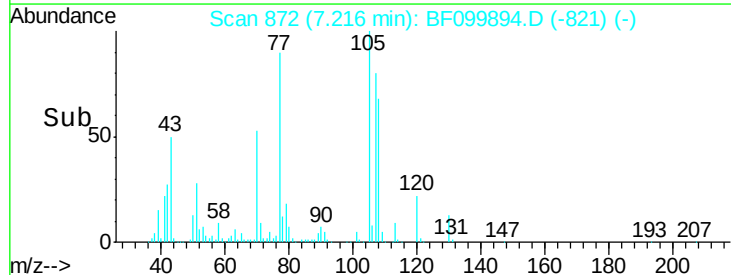
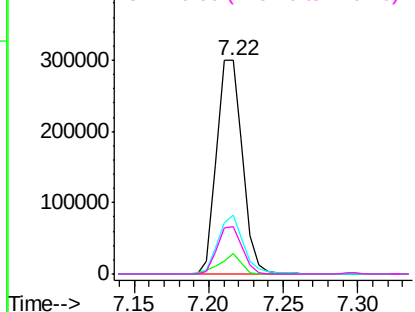


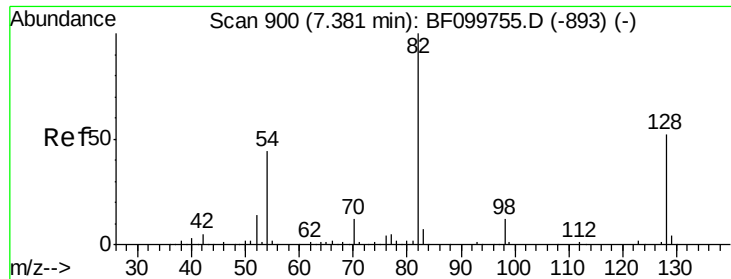
#22
Acetophenone
Concen: 36.80 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion:105	Resp:	365687
Ion Ratio	Lower	Upper
105	100	
71	9.4	4.4 6.6#
51	27.7	22.3 33.5
120	22.0	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

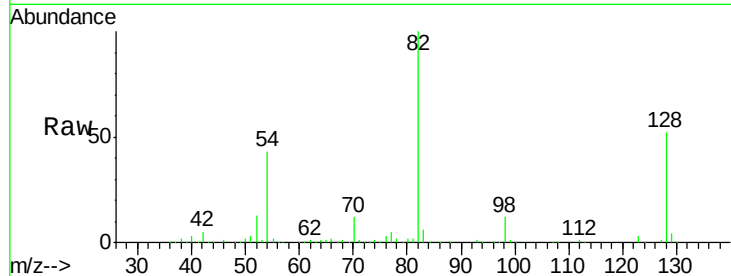




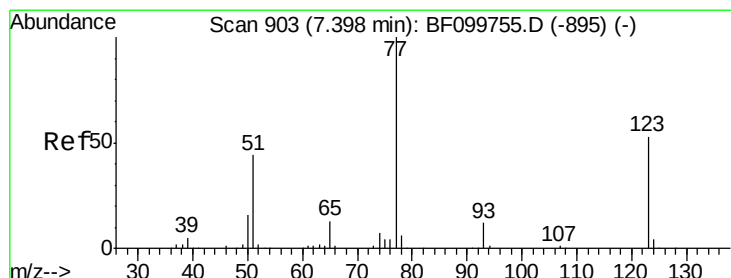
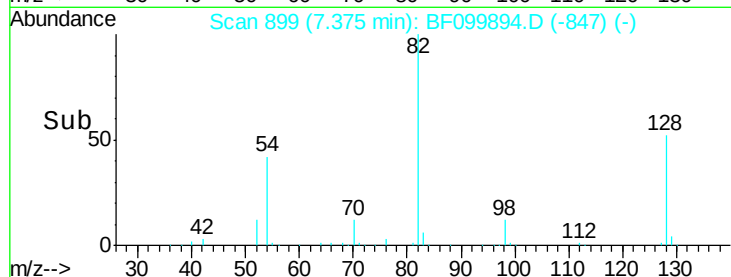
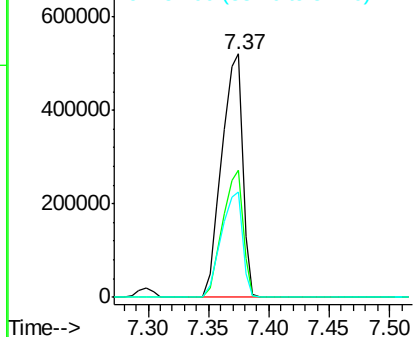
#23
Nitrobenzene-d5
Concen: 91.84 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 622517
Ion Ratio Lower Upper
82 100
128 52.3 36.1 54.1
54 43.4 41.4 62.2

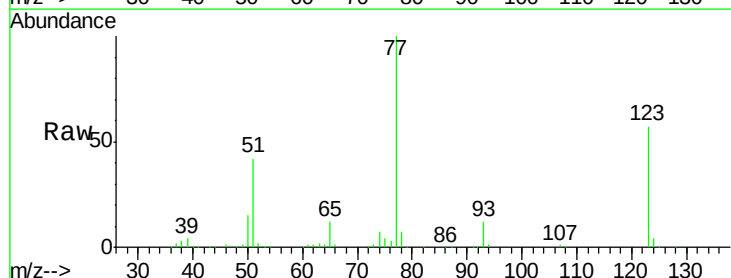


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

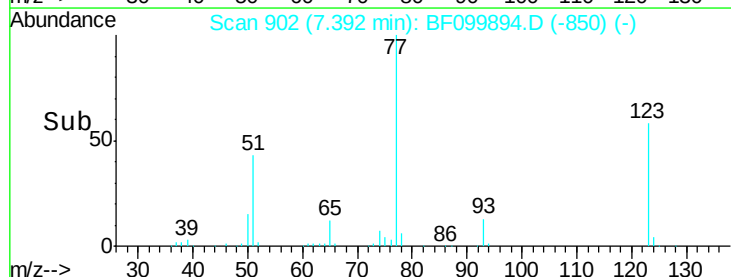
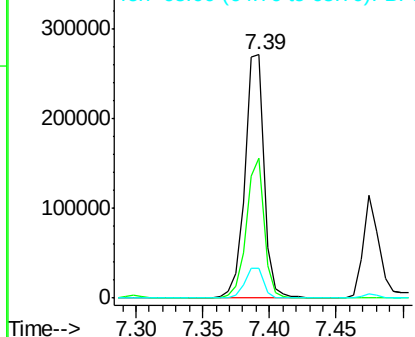


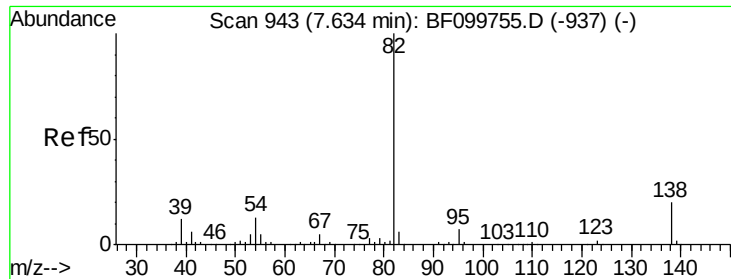
#24
Nitrobenzene
Concen: 39.40 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion: 77 Resp: 269119
Ion Ratio Lower Upper
77 100
123 57.2 37.9 56.9#
65 12.1 11.0 16.4



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





#25

Isophorone

Concen: 42.17 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

ClientSampleId :

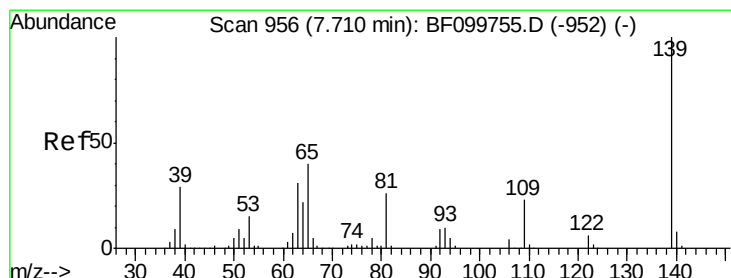
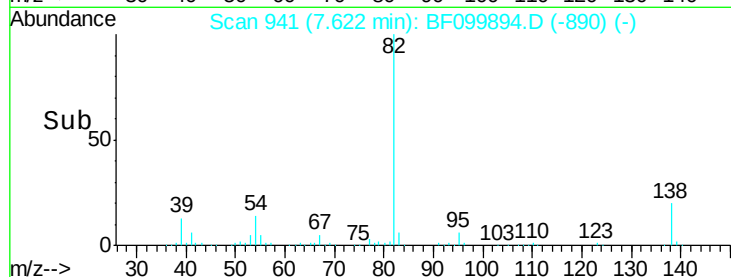
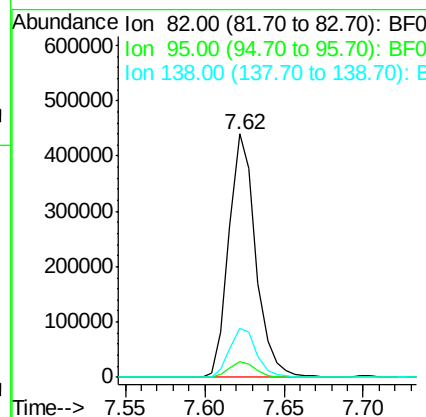
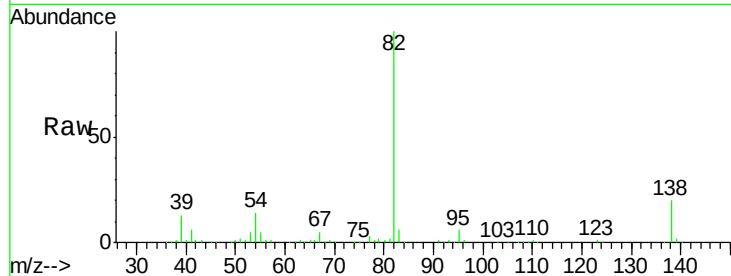
Tot Ion: 82 Resp: 518624

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 20.3 14.9 22.3



#26

2-Nitrophenol

Concen: 41.96 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

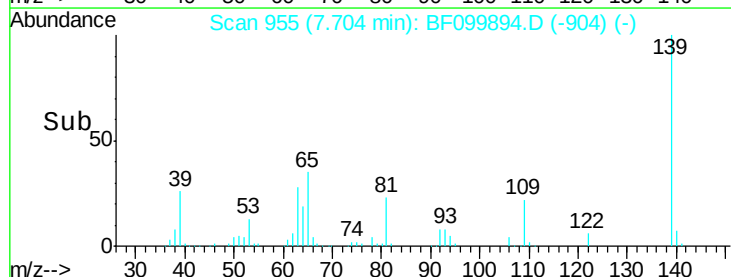
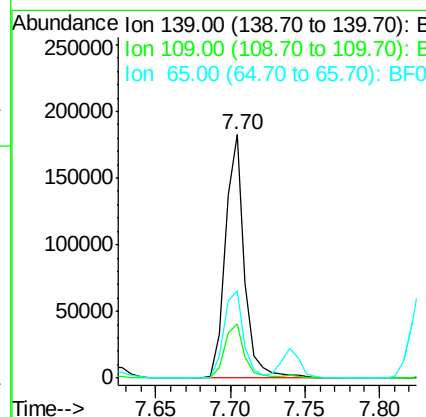
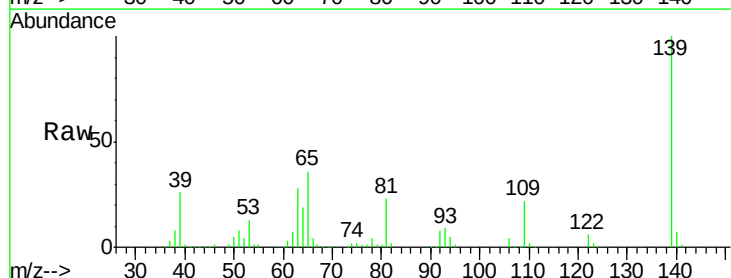
Tgt Ion: 139 Resp: 164143

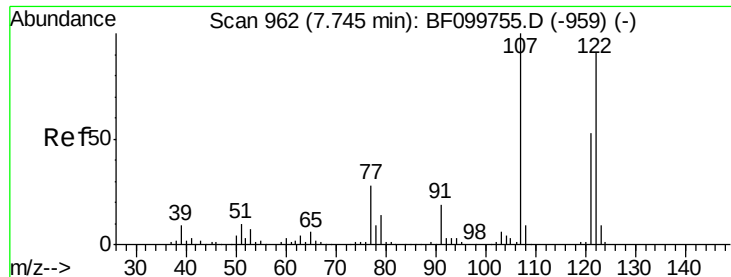
Ion Ratio Lower Upper

139 100

109 22.3 22.7 34.1#

65 35.8 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 41.60 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

ClientSampleId :

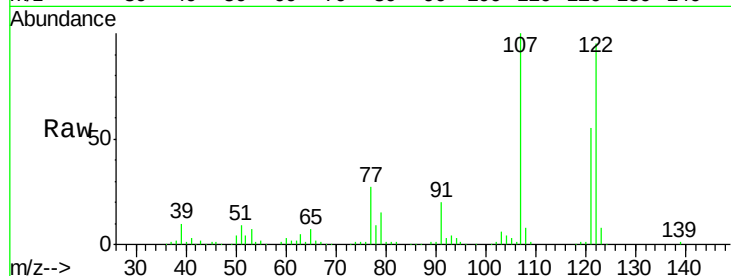
Tot Ion:122 Resp: 239771

Ion Ratio Lower Upper

122 100

107 105.6 91.2 136.8

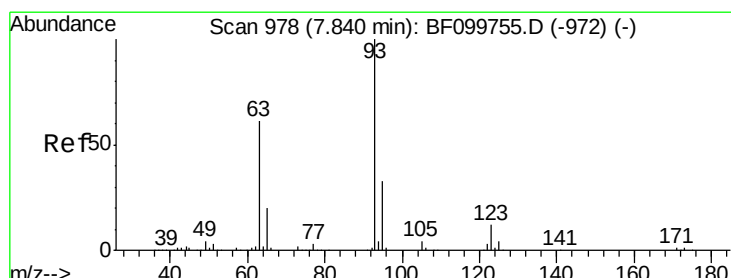
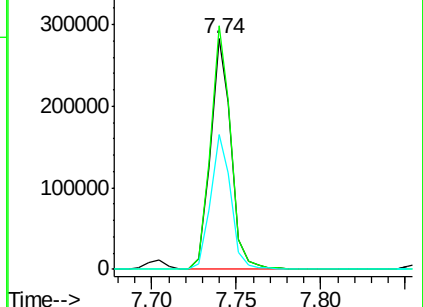
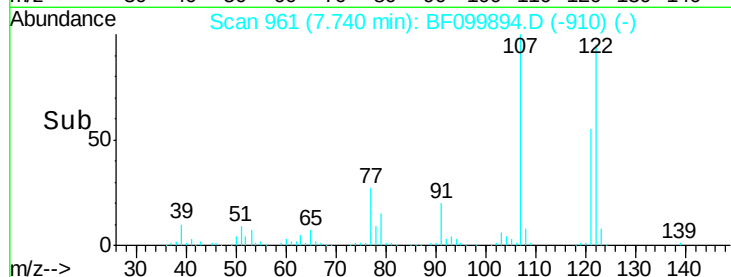
121 58.6 47.2 70.8



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: 39.10 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

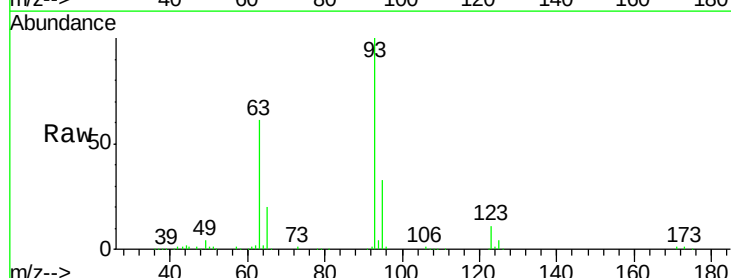
Tgt Ion: 93 Resp: 336794

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

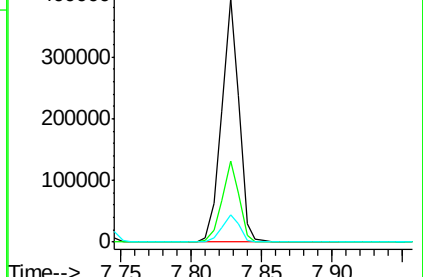
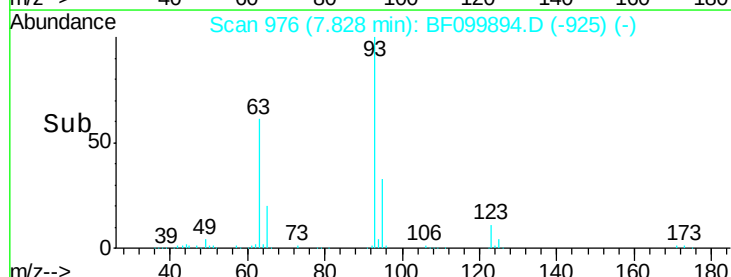
123 11.4 9.8 14.6

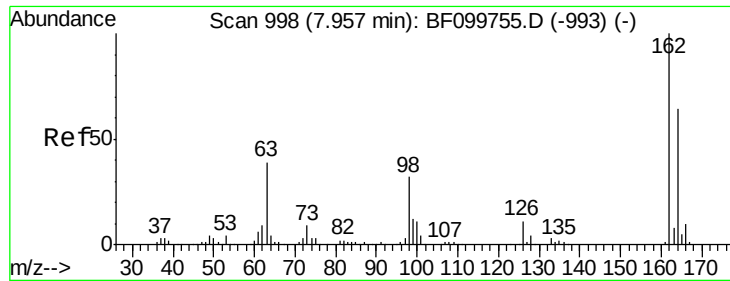


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

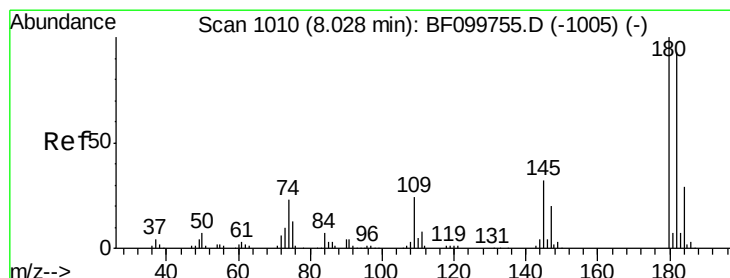
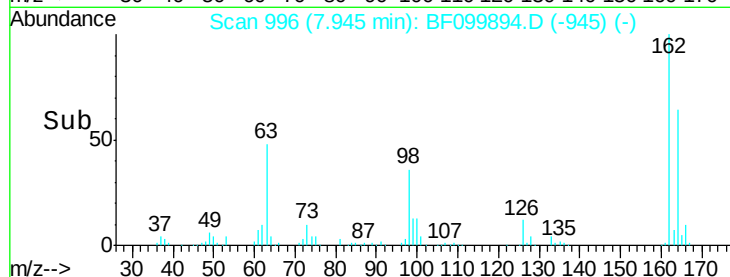
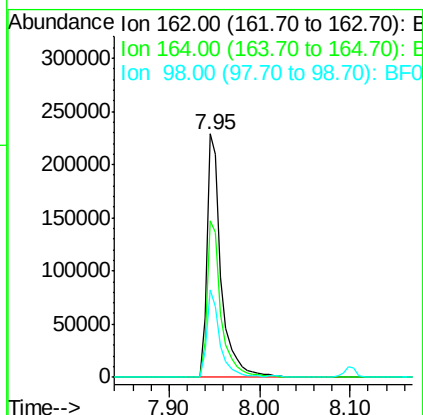
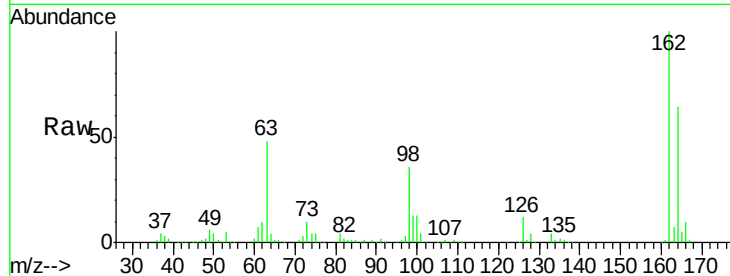




#29
 2,4-Dichlorophenol
 Concen: 42.29 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

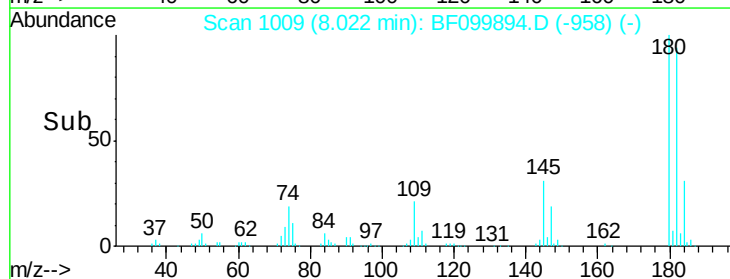
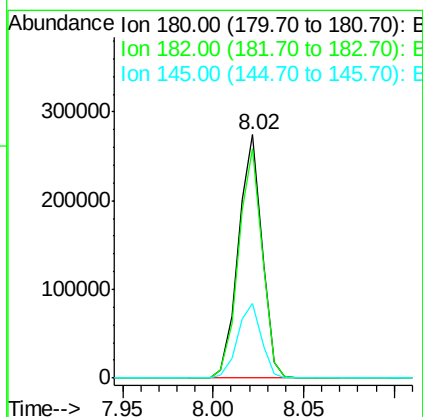
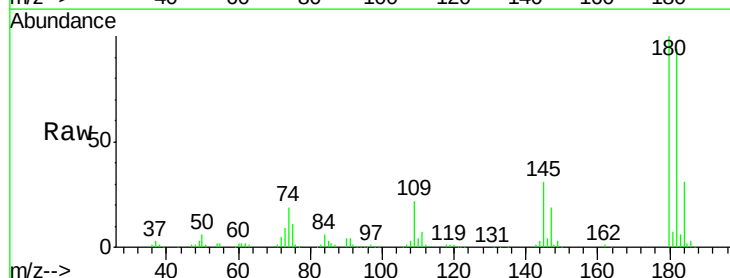
Instrument :
 BNA_F
 ClientSampleId :

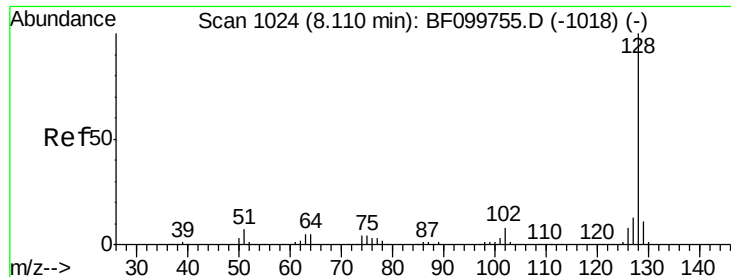
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	35.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.66 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.8	115.2
145	30.8	26.5	39.7





#31

Naphthalene

Concen: 38.60 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

ClientSampleId :

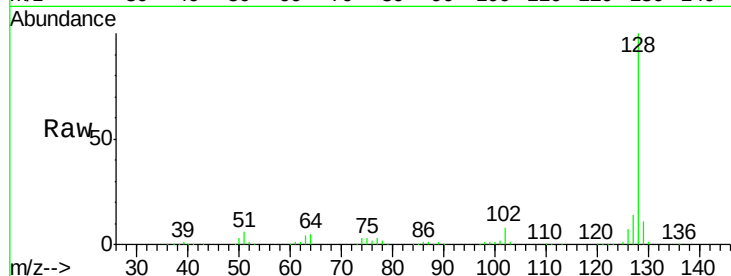
Tot Ion:128 Resp: 813077

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

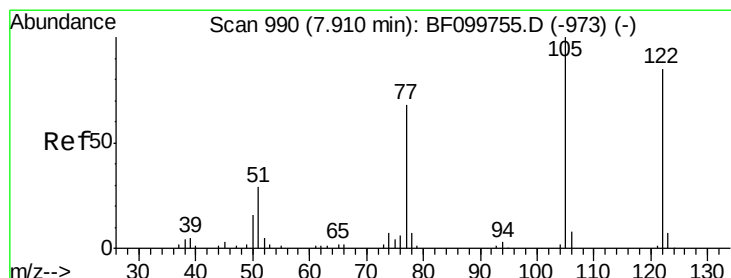
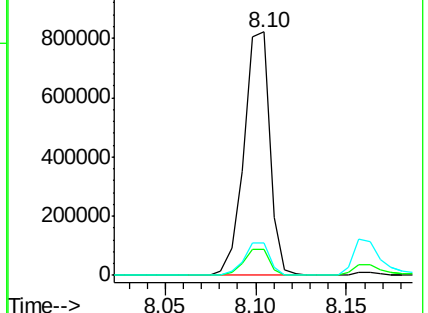
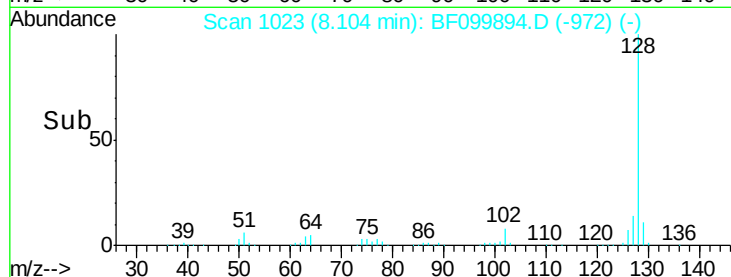
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.42 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.05 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

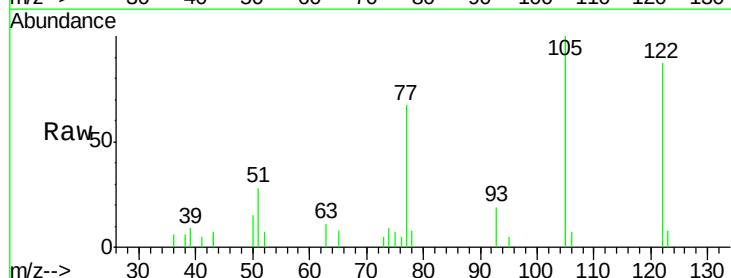
Tgt Ion:122 Resp: 12289

Ion Ratio Lower Upper

122 100

105 114.6 101.1 141.1

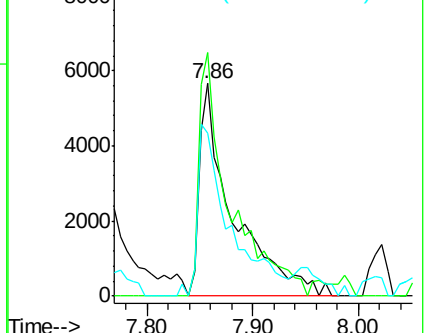
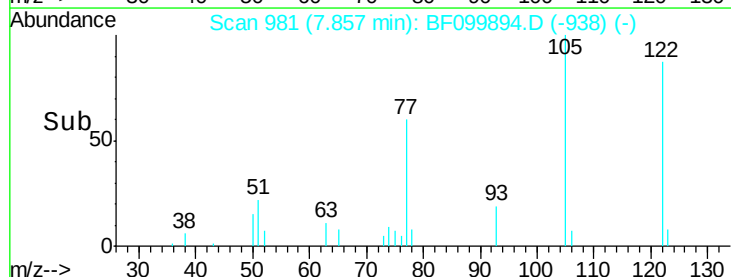
77 76.9 70.7 110.7

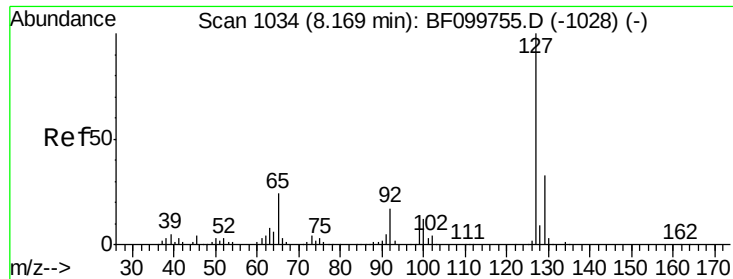


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

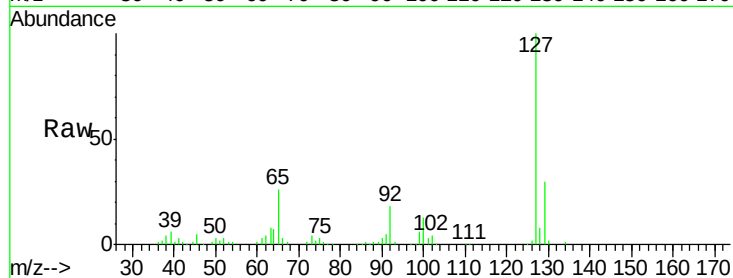




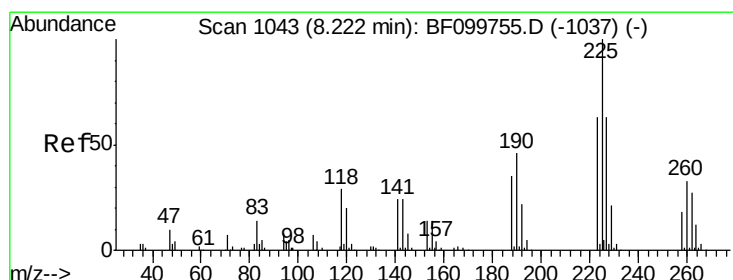
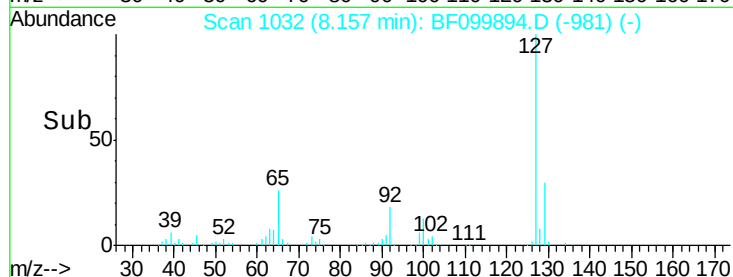
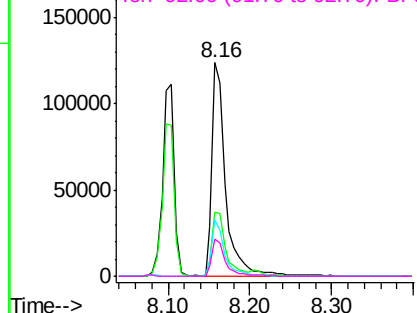
#33
4-Chloroaniline
Concen: 16.56 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	144060
Ion Ratio	Lower	Upper
127	100	
129	30.3	25.9 38.9
65	26.3	25.0 37.4
92	17.6	15.2 22.8

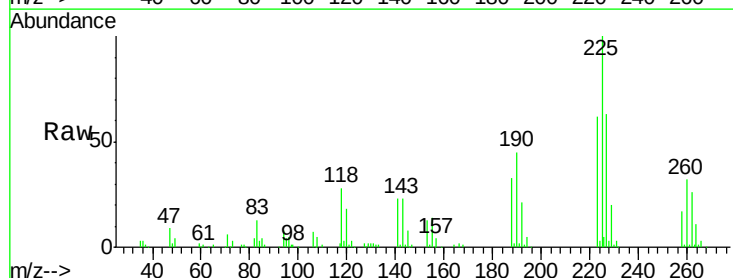


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

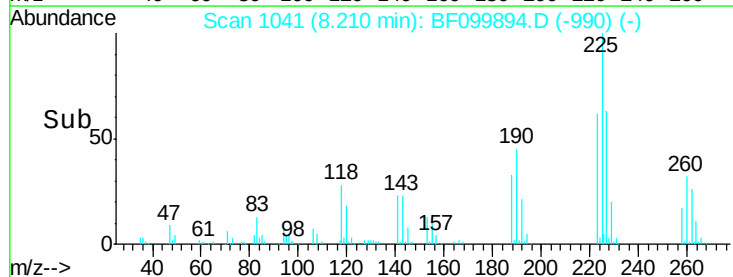
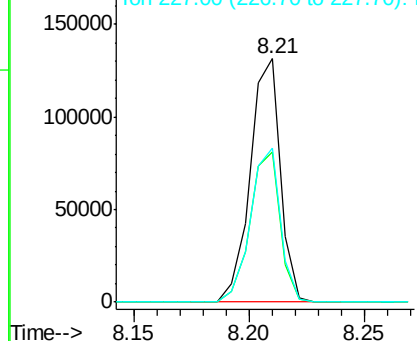


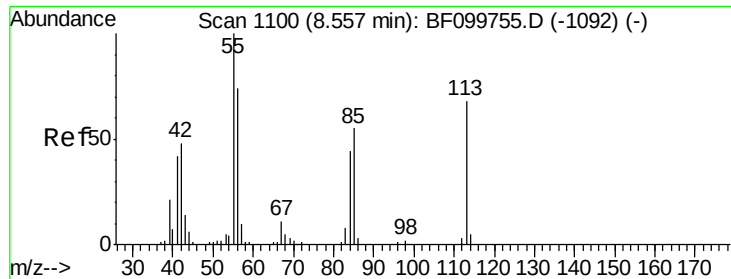
#34
Hexachlorobutadiene
Concen: 36.51 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion:225	Resp:	120124
Ion Ratio	Lower	Upper
225	100	
223	61.8	50.6 76.0
227	63.2	51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

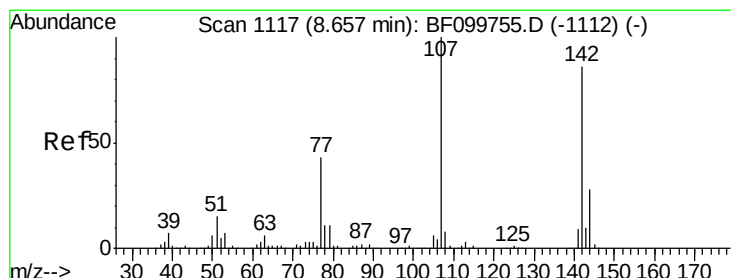
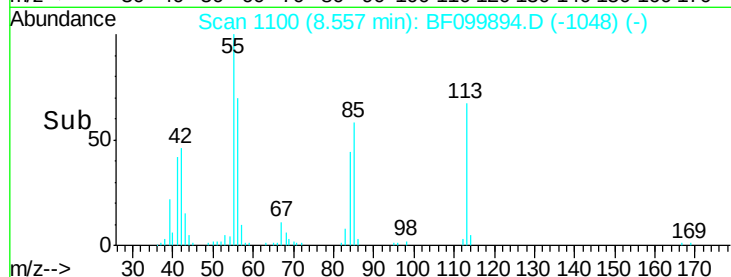
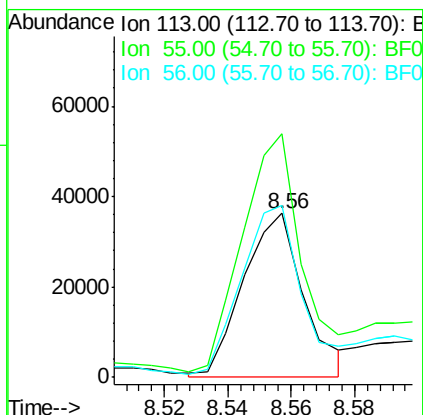
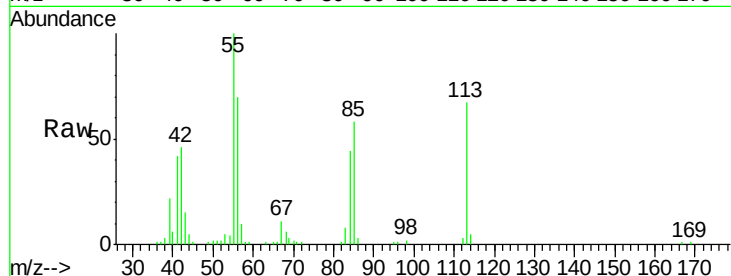




#35
 Caprolactam
 Concen: 25.41 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

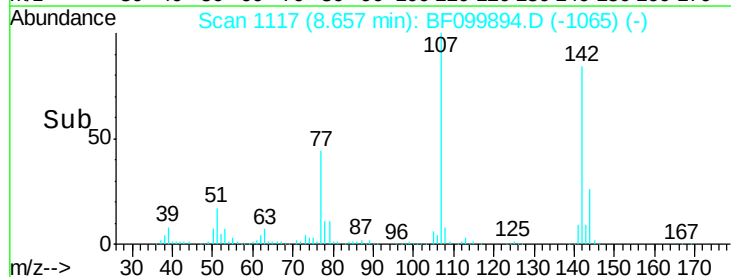
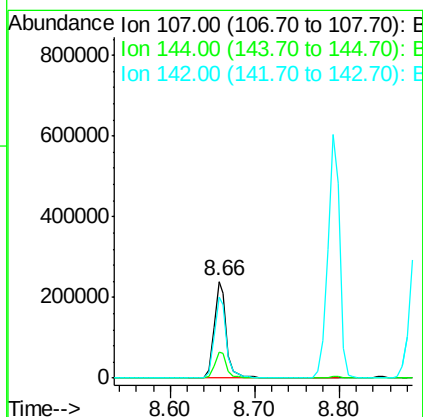
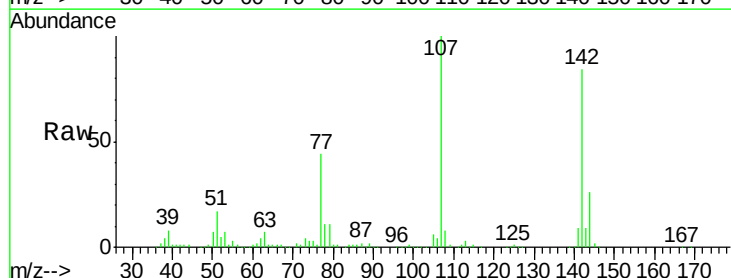
Instrument :
 BNA_F
 ClientSampleId :

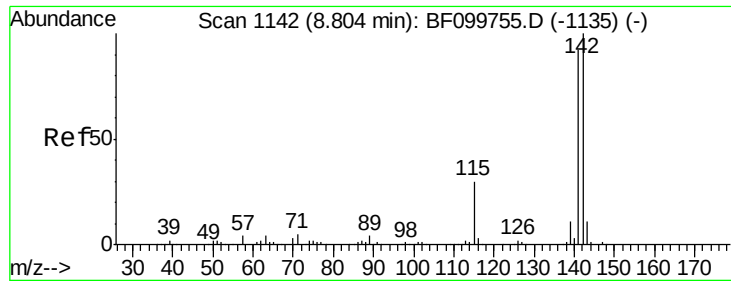
Tot Ion:113 Resp: 47848
 Ion Ratio Lower Upper
 113 100
 55 148.7 163.3 203.3#
 56 104.6 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 40.38 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion:107 Resp: 246742
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 83.6 62.0 93.0

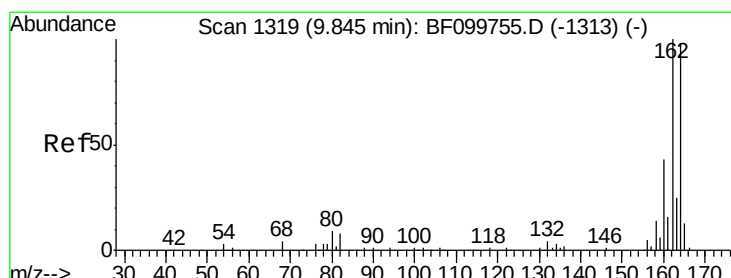
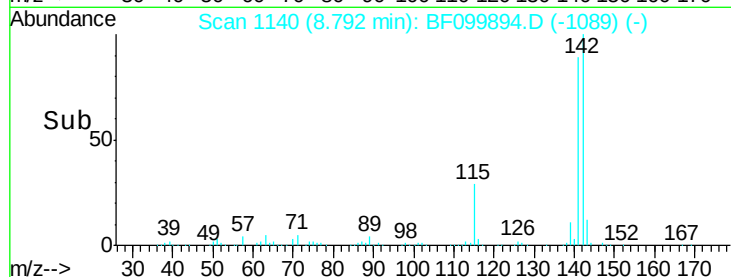
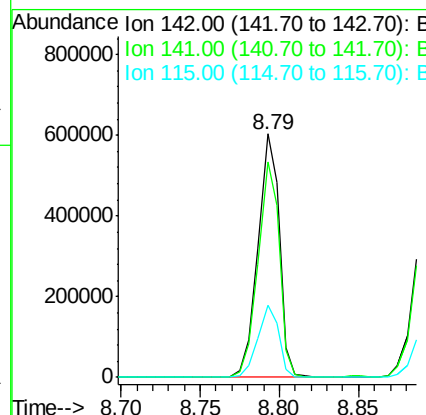
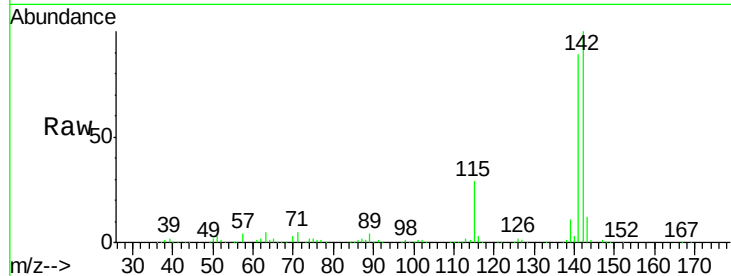




#37
 2-Methylnaphthalene
 Concen: 40.04 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

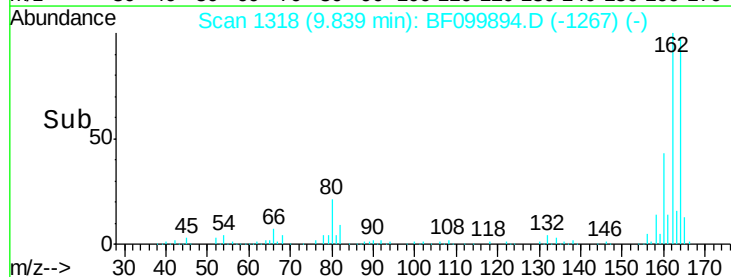
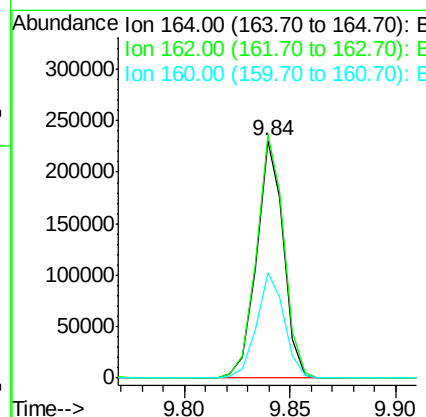
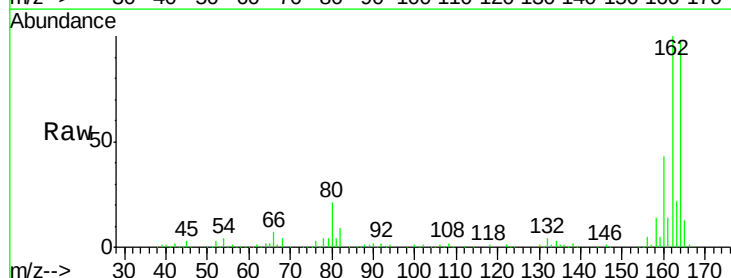
Instrument :
 BNA_F
 ClientSampleId :

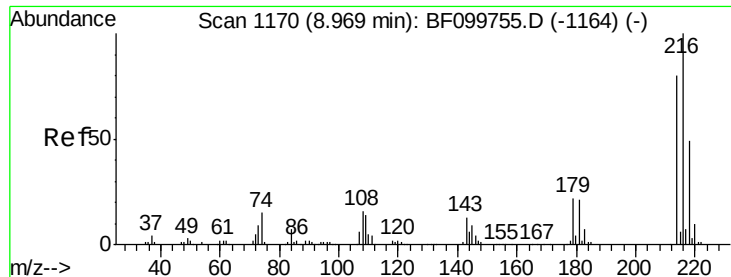
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	29.5	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	44.3	38.3	57.5

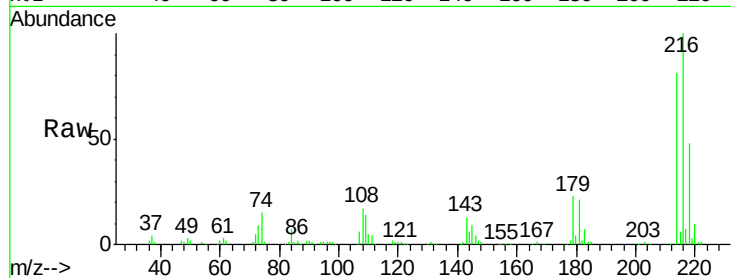




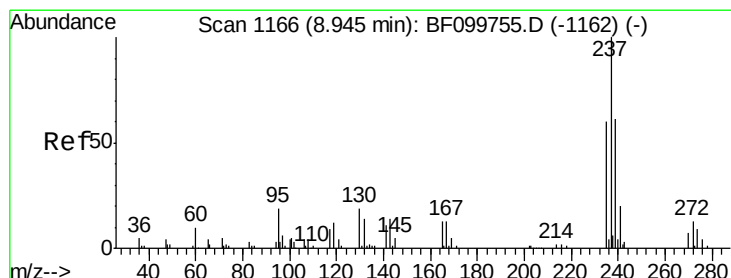
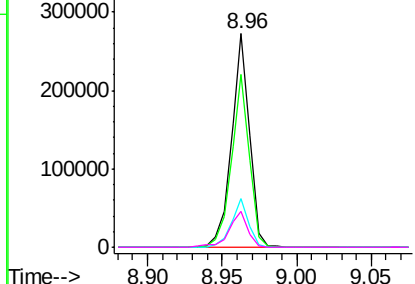
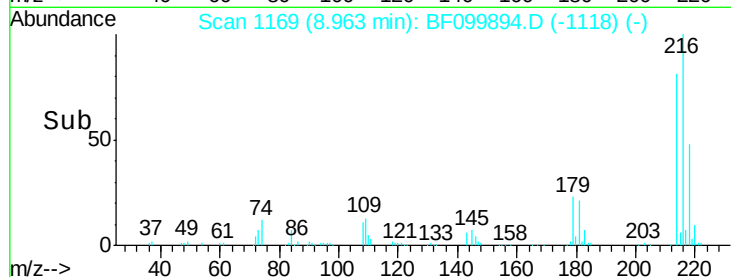
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.29 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	232399
Ion Ratio	Lower	Upper
216	100	
214	80.3	63.0 94.4
179	21.6	18.1 27.1
108	17.8	17.2 25.8

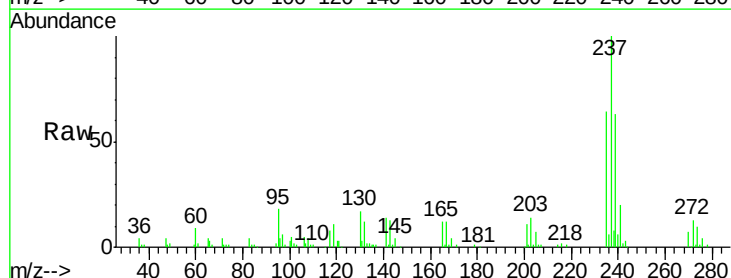


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

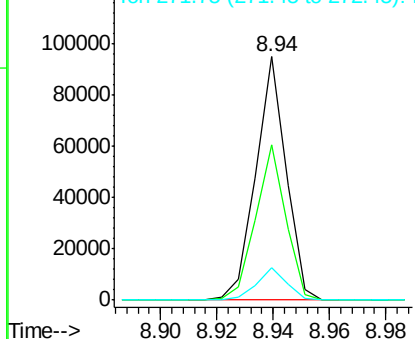
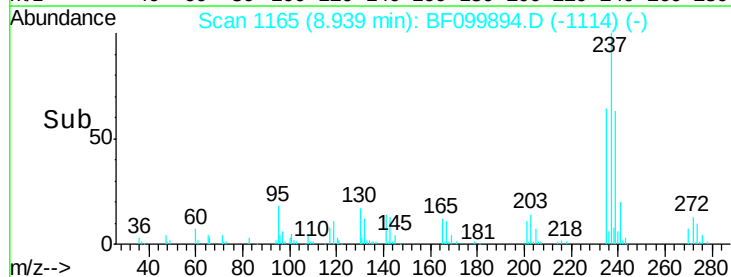


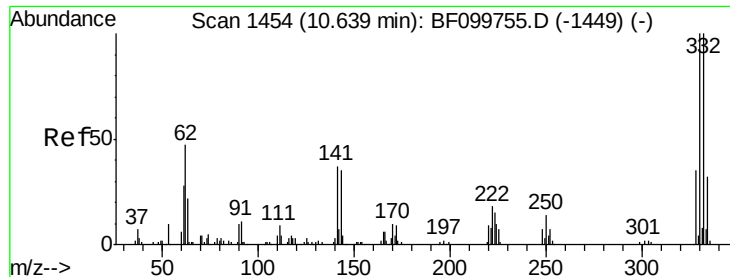
#40
 Hexachlorocyclopentadiene
 Concen: 57.56 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion:237	Resp:	71080
Ion Ratio	Lower	Upper
237	100	
235	63.6	44.8 84.8
272	13.3	0.0 33.3



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

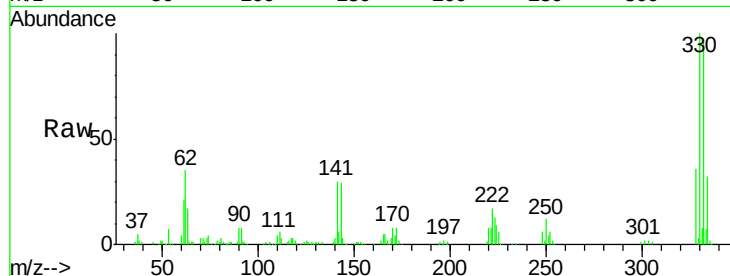




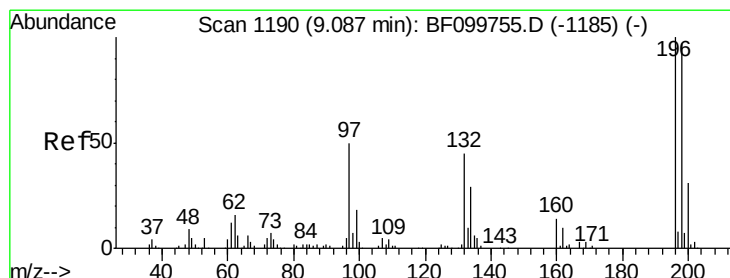
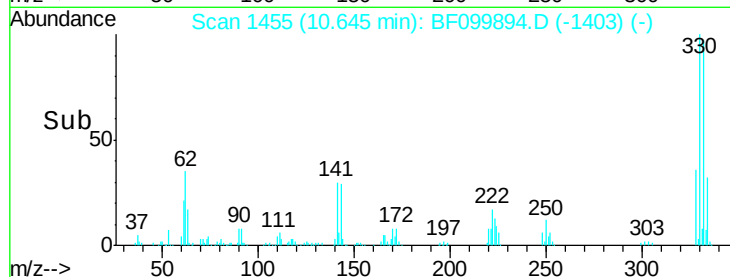
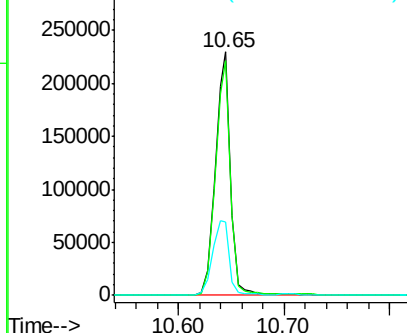
#41
 2,4,6-Tribromophenol
 Concen: 126.44 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.9	29.9	44.9

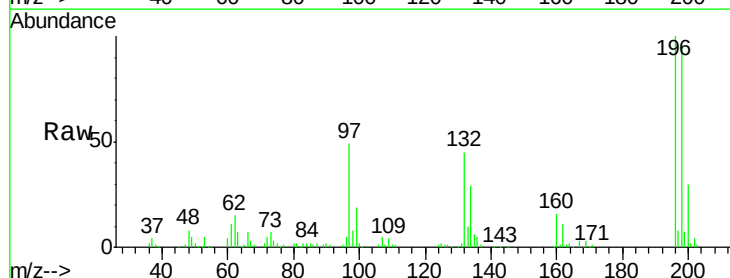


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

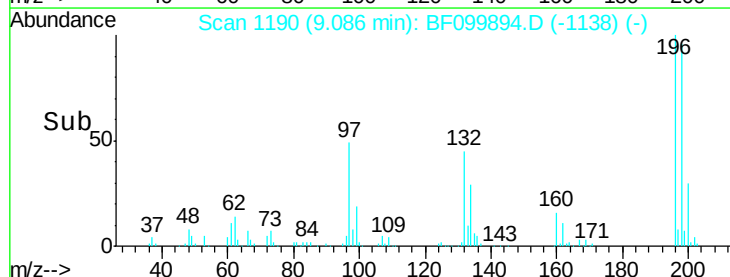
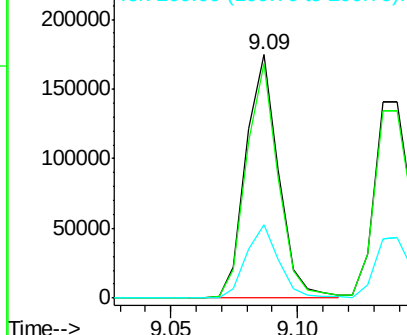


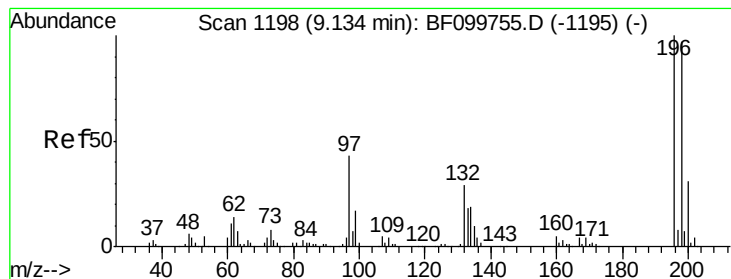
#42
 2,4,6-Trichlorophenol
 Concen: 39.57 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.7	113.5
200	30.3	24.5	36.7



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





#43

2,4,5-Trichlorophenol

Concen: 37.46 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 158371

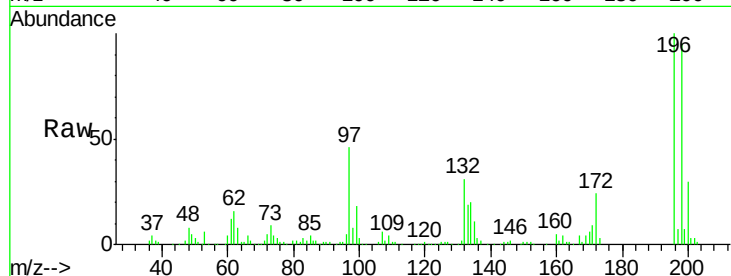
Ion Ratio Lower Upper

196 100

198 95.3 74.6 112.0

97 45.9 42.9 64.3

132 31.3 26.3 39.5

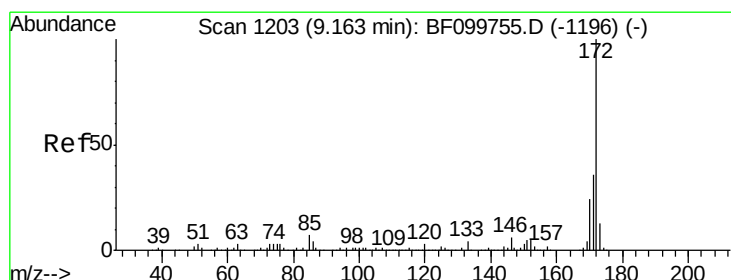
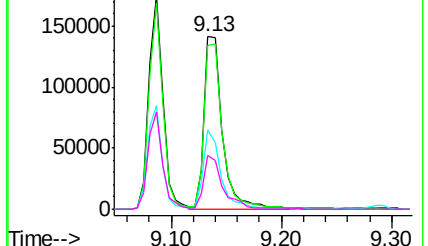
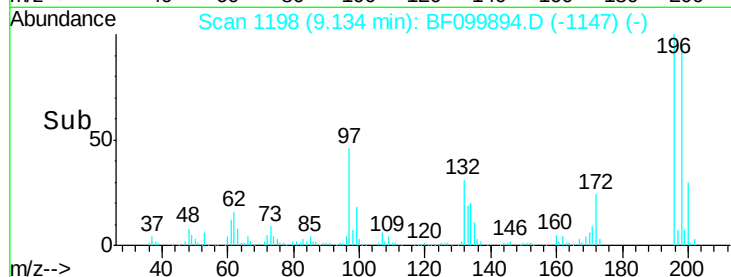


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 90.01 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

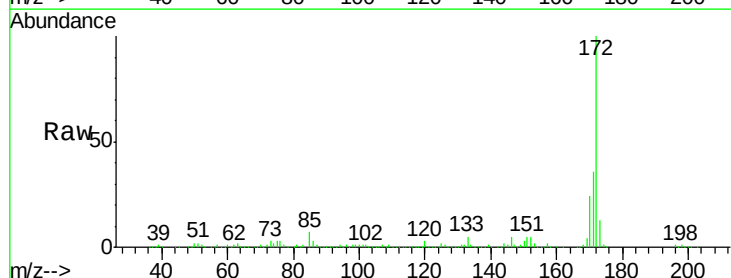
Tgt Ion:172 Resp: 1189657

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

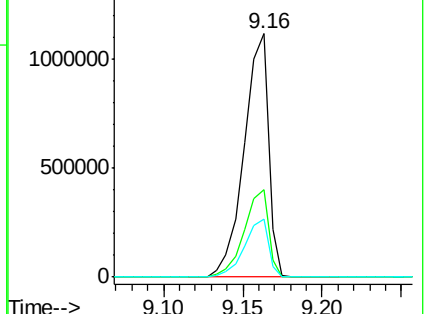
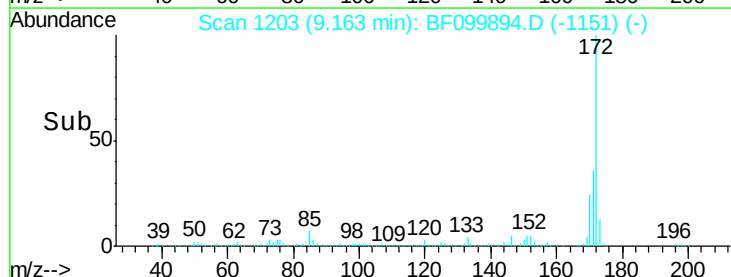
170 23.6 19.6 29.4

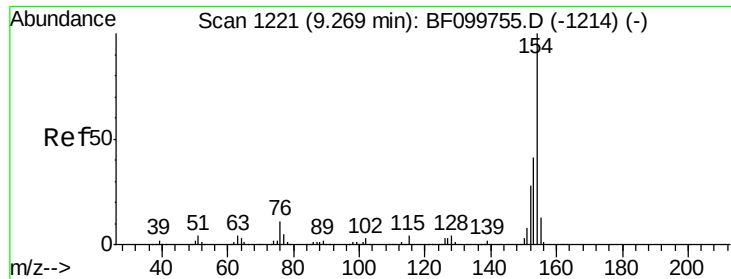


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

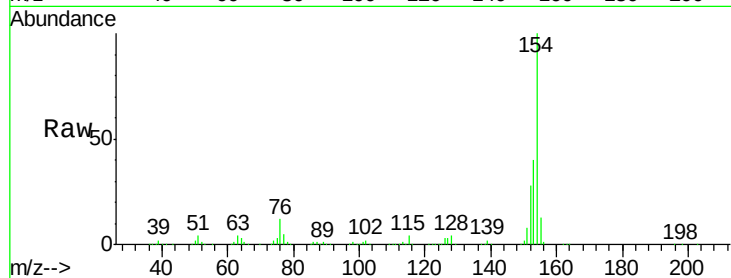




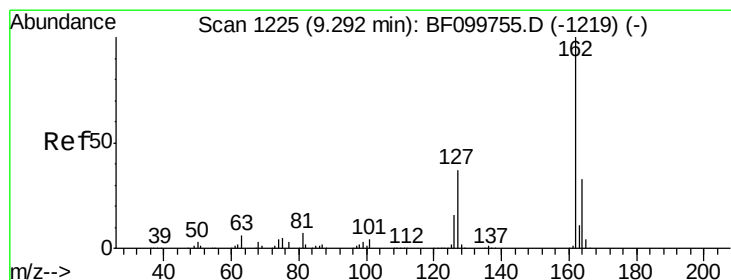
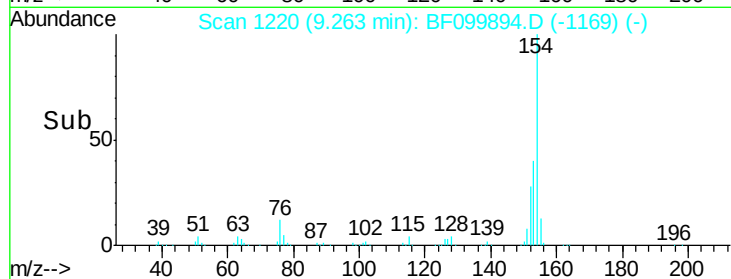
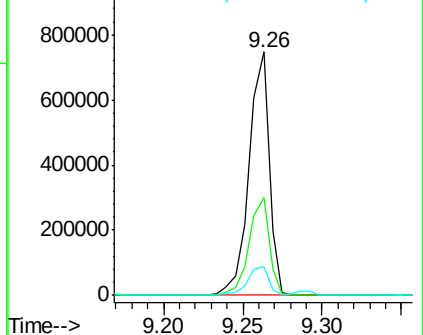
#45
 1,1'-Biphenyl
 Concen: 35.77 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.3	61.3
76	11.5	0.0	34.0

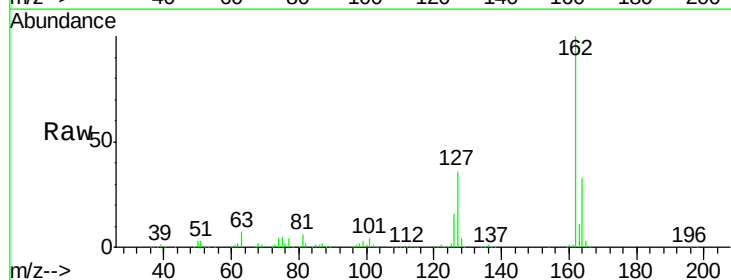


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

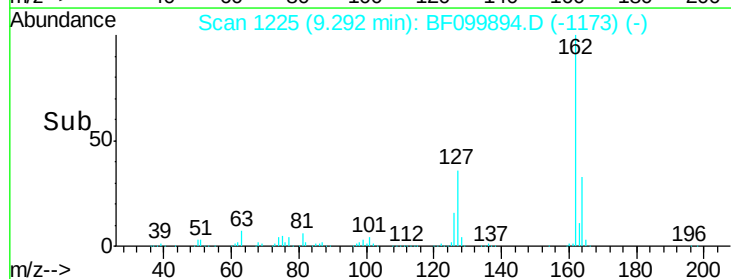
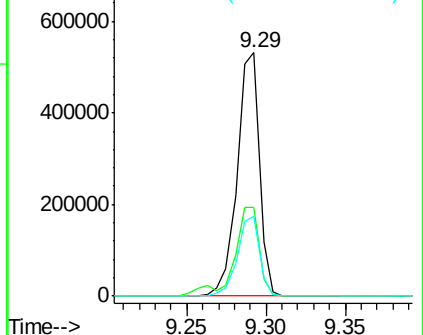


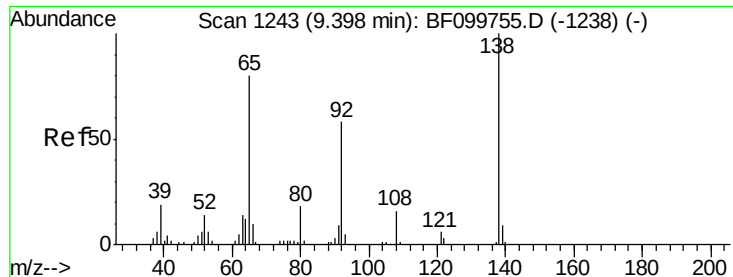
#46
 2-Chloronaphthalene
 Concen: 38.77 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.4	33.9	50.9
164	32.7	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

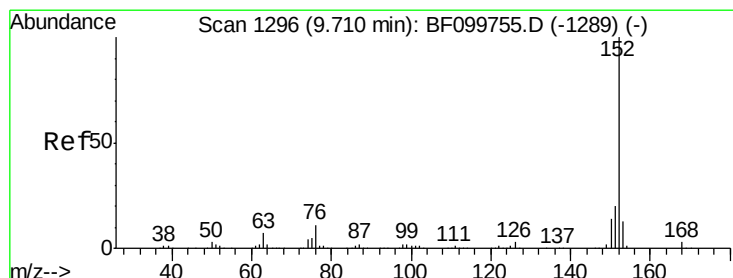
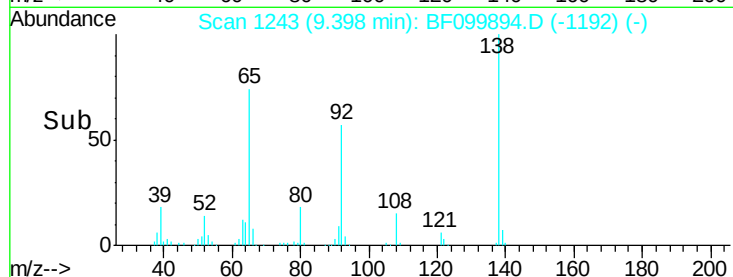
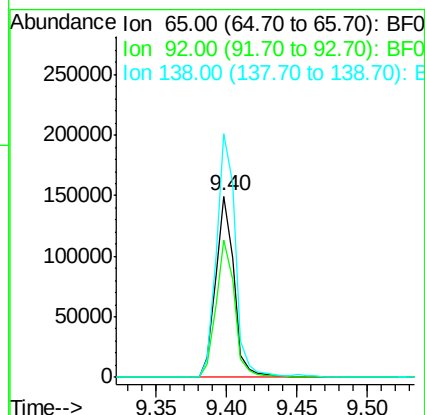
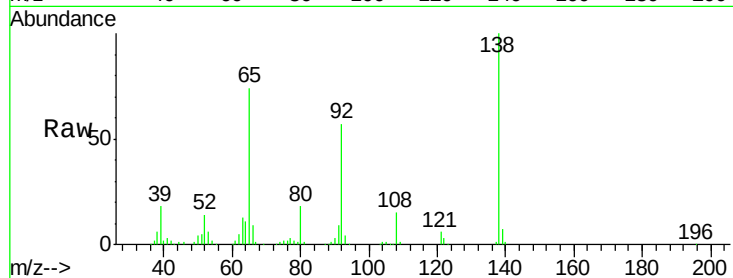




#47
2-Nitroaniline
Concen: 38.40 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

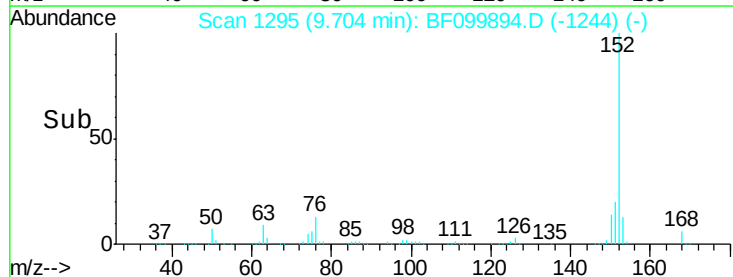
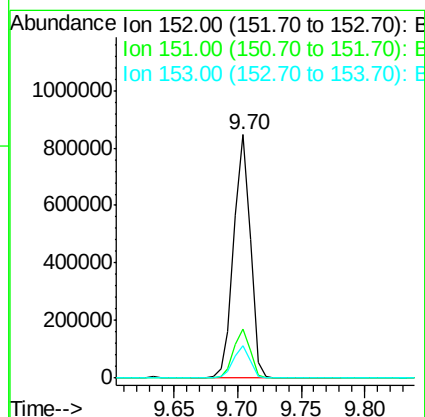
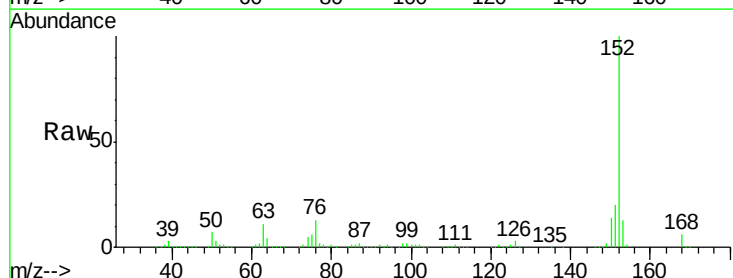
Instrument :
BNA_F
ClientSampleId :

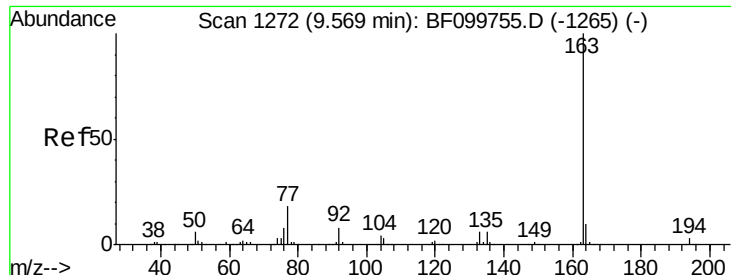
Tot Ion: 65 Resp: 135009
Ion Ratio Lower Upper
65 100
92 76.2 55.8 83.6
138 134.4 91.2 136.8



#48
Acenaphthylene
Concen: 36.89 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion: 152 Resp: 761171
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.1 10.7 16.1

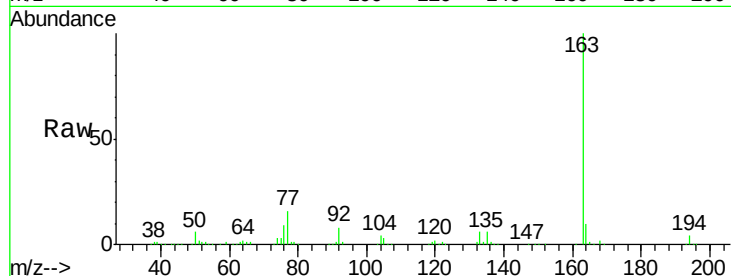




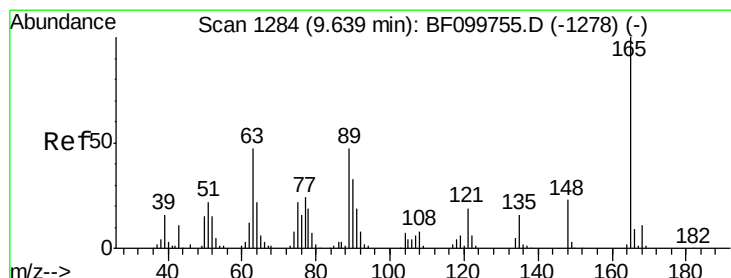
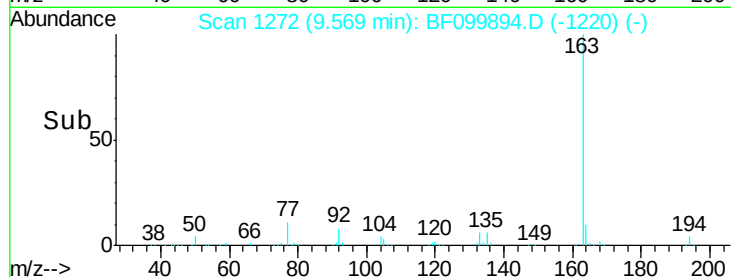
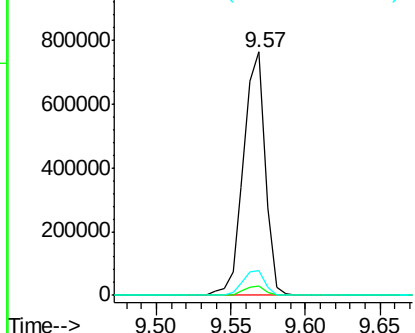
#49
Dimethylphthalate
Concen: 47.79 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 771792
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2

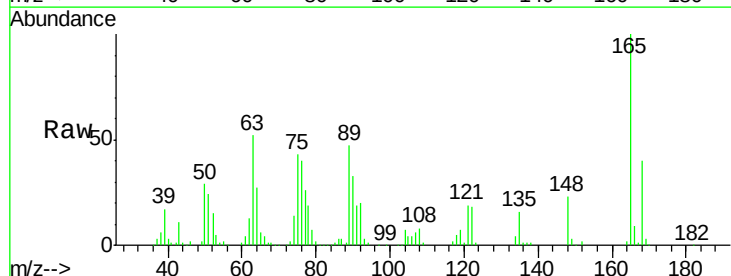


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

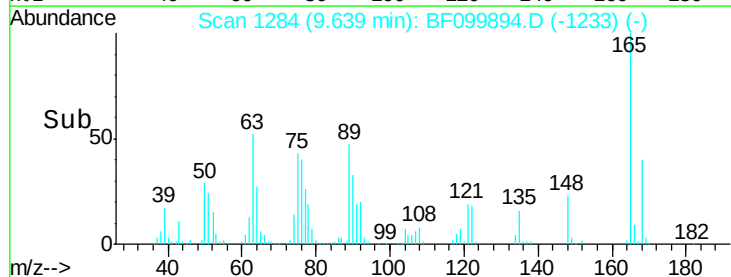
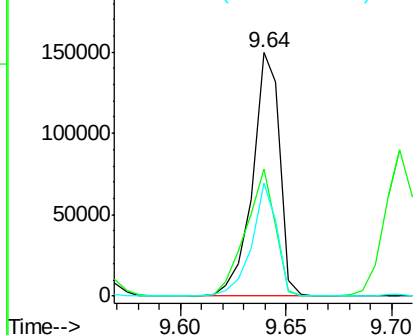


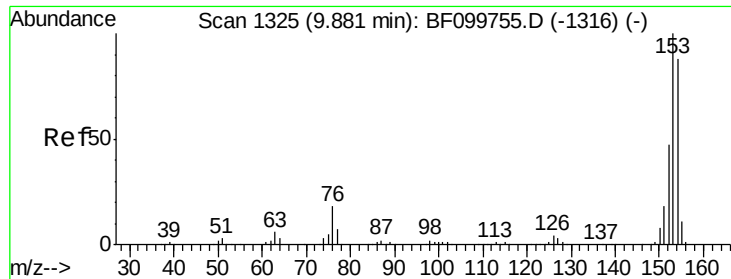
#50
2,6-Dinitrotoluene
Concen: 39.42 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion:165 Resp: 133818
Ion Ratio Lower Upper
165 100
63 52.4 44.7 67.1
89 46.7 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

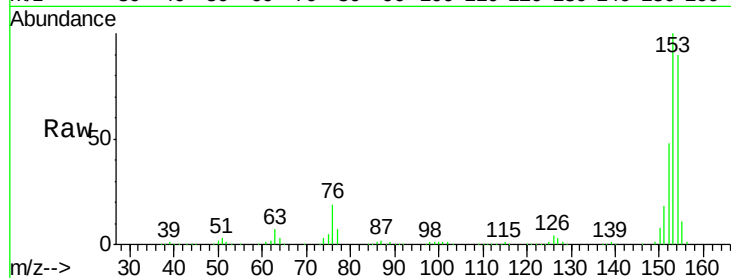




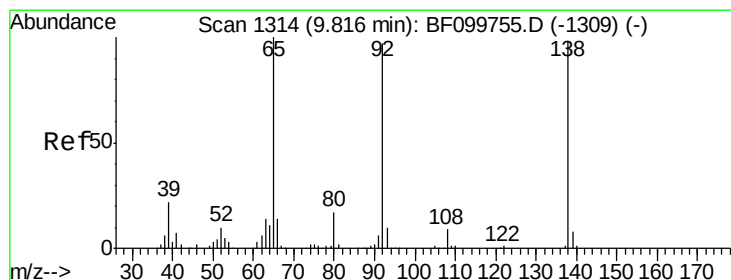
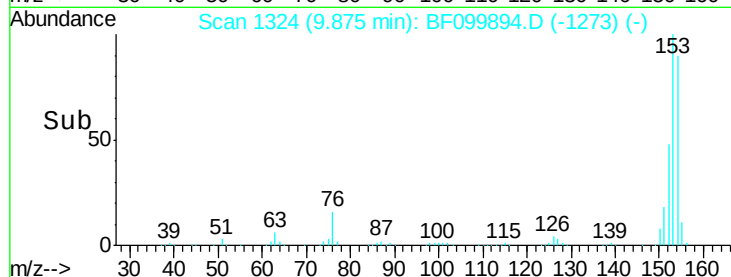
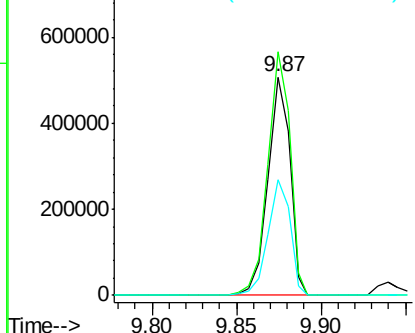
#51
Acenaphthene
Concen: 36.49 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 460084
Ion Ratio Lower Upper
154 100
153 111.5 91.2 136.8
152 53.2 43.8 65.8

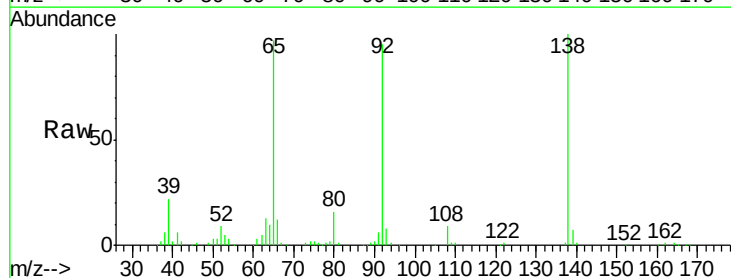


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

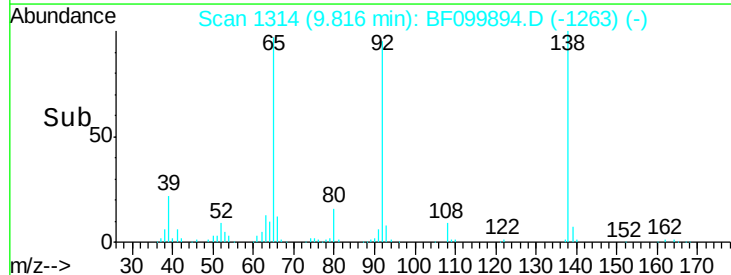
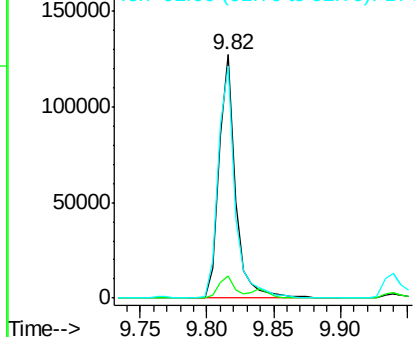


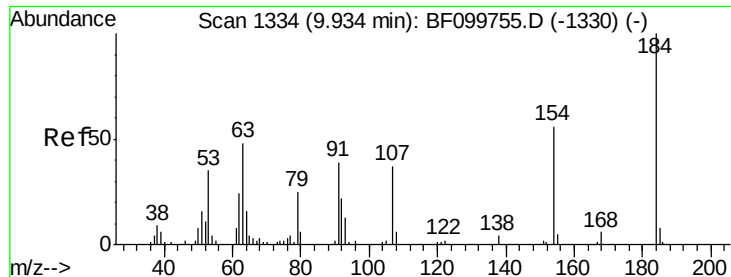
#52
3-Nitroaniline
Concen: 27.80 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion:138 Resp: 111216
Ion Ratio Lower Upper
138 100
108 9.1 9.4 14.0#
92 95.4 89.4 134.2



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

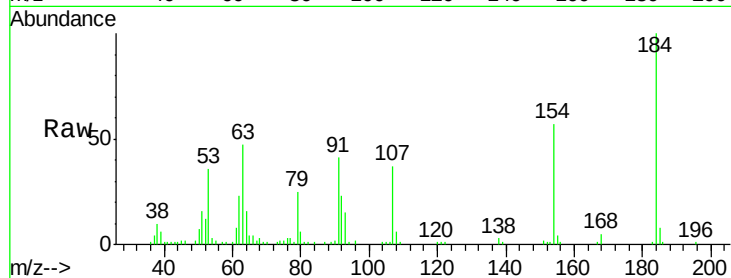




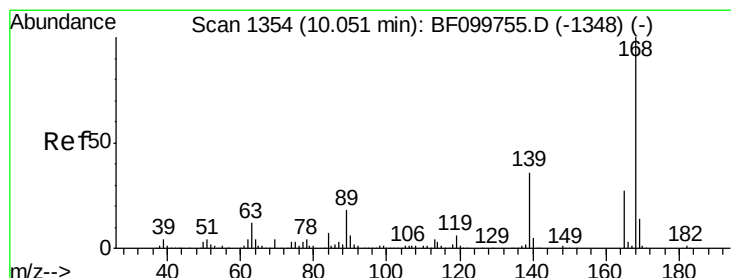
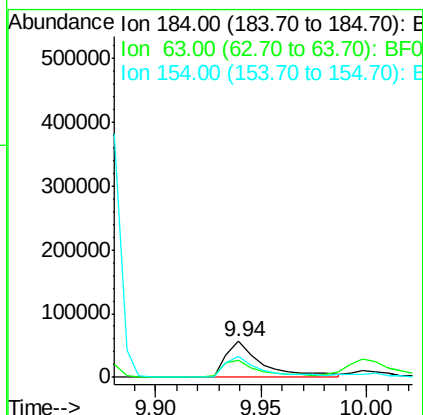
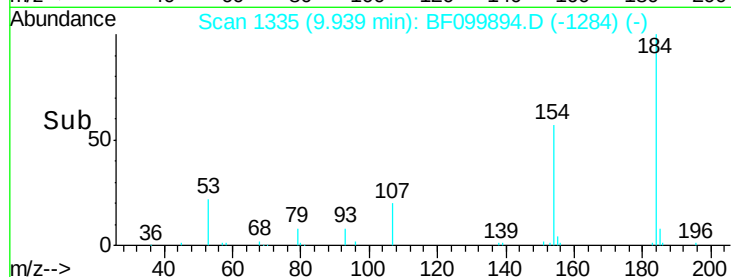
#53
2,4-Dinitrophenol
Concen: 53.02 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 68264
Ion Ratio Lower Upper
184 100
63 47.3 54.2 81.2#
154 57.0 53.5 80.3

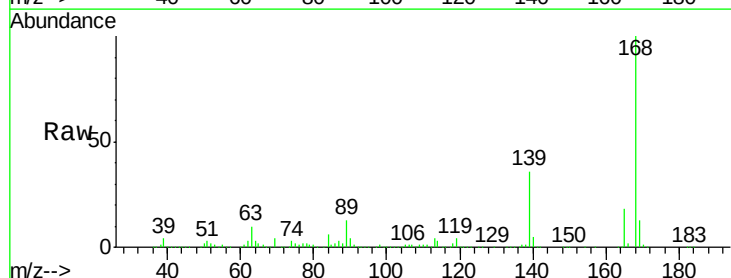


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

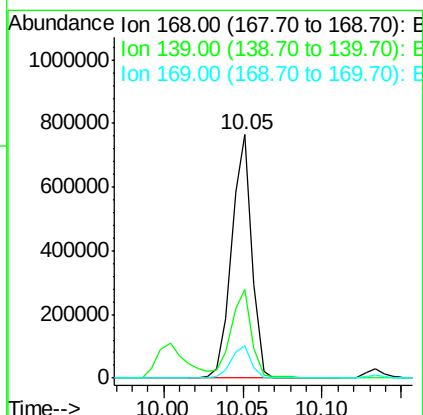
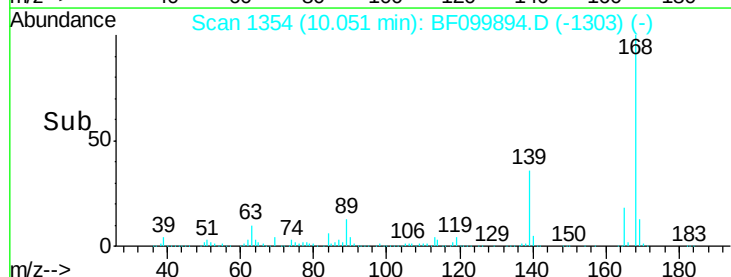


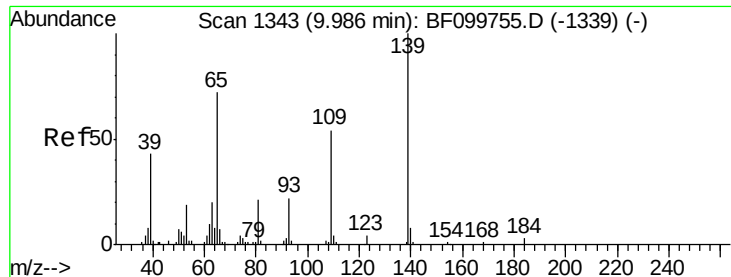
#54
Dibenzofuran
Concen: 37.64 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion:168 Resp: 669923
Ion Ratio Lower Upper
168 100
139 36.3 30.1 45.1
169 13.3 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: 65.87 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

ClientSampleId :

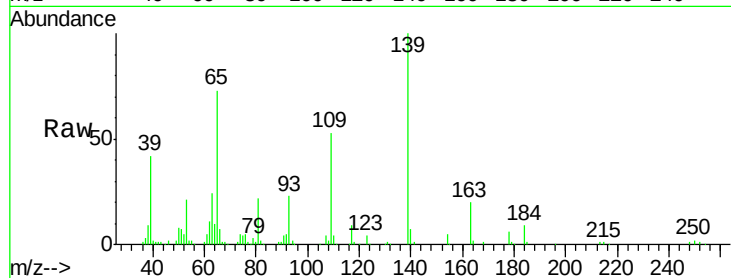
Tot Ion:139 Resp: 137675

Ion Ratio Lower Upper

139 100

109 53.5 48.4 88.4

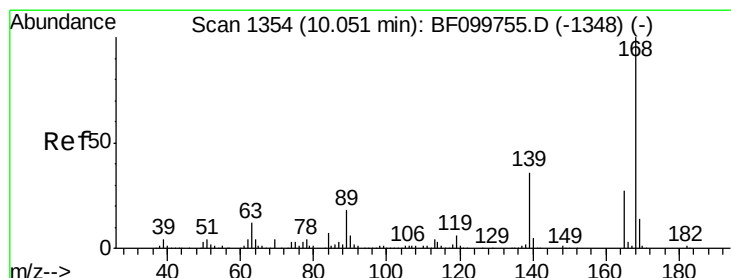
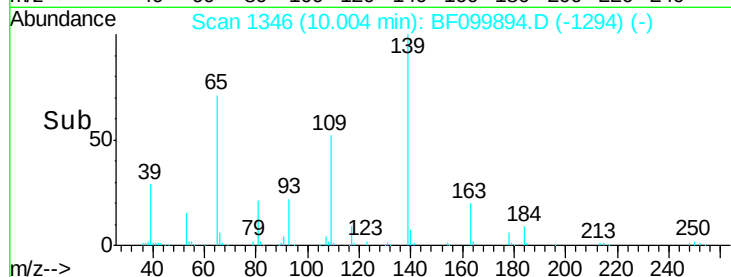
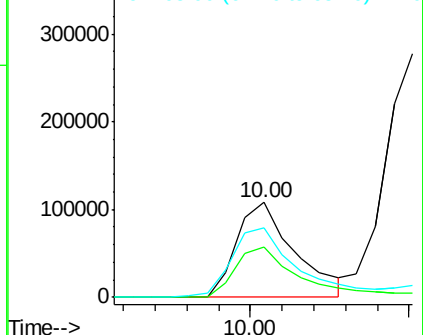
65 72.7 72.6 112.6



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: 40.37 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion:165 Resp: 165029

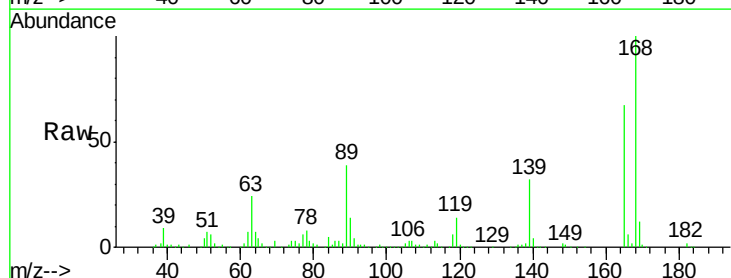
Ion Ratio Lower Upper

165 100

63 34.9 36.4 54.6#

89 57.8 57.8 86.6

182 2.6 1.6 2.4#

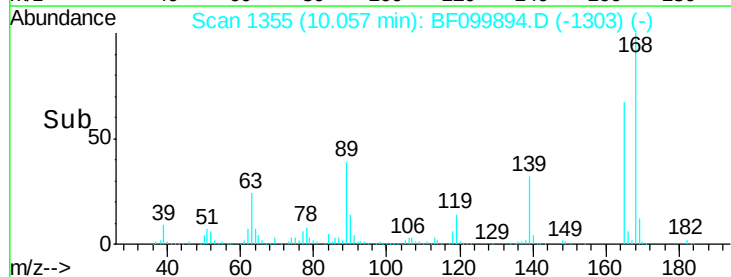
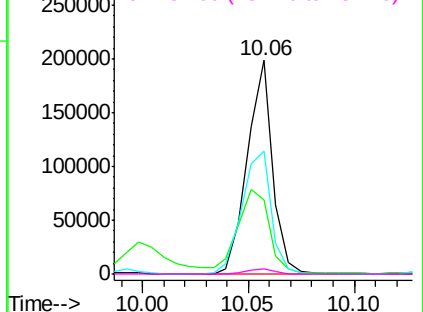


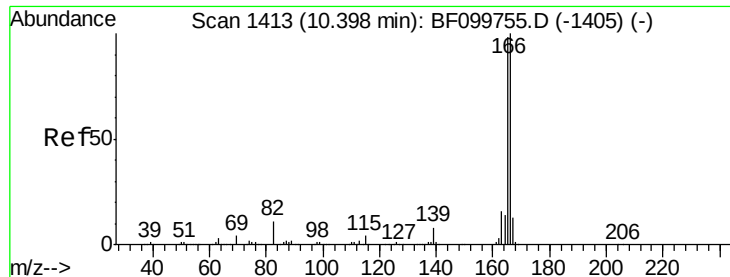
Abundance Ion 165.00 (164.70 to 165.70): E

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

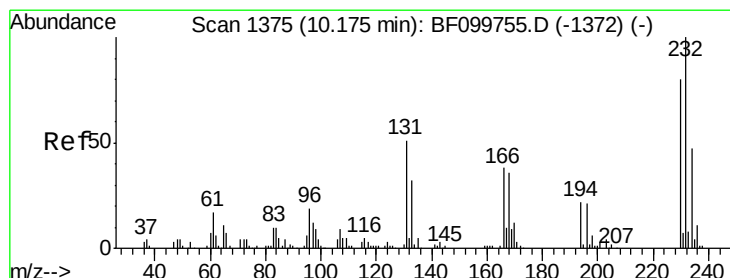
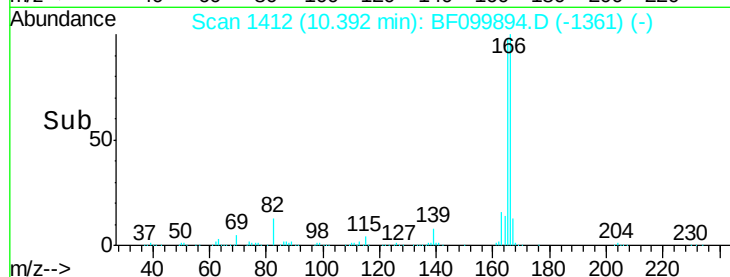
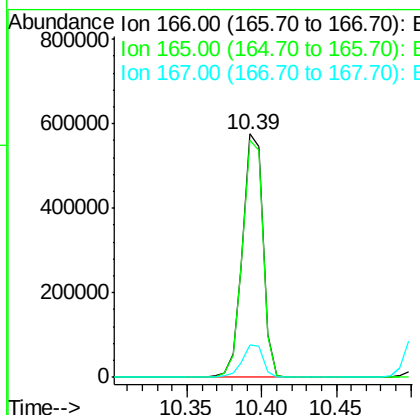
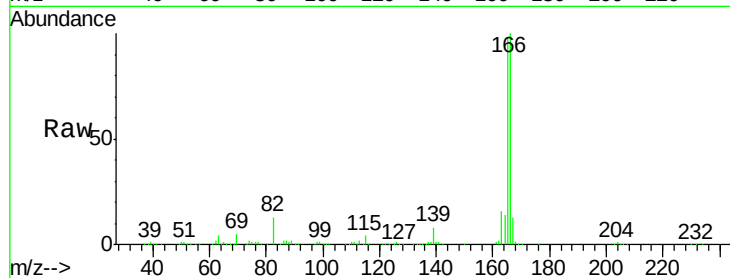




#57
 Fluorene
 Concen: 37.31 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

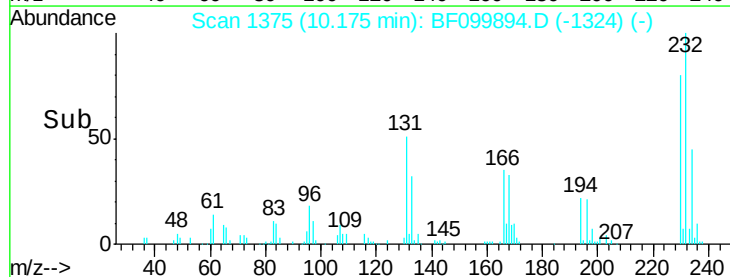
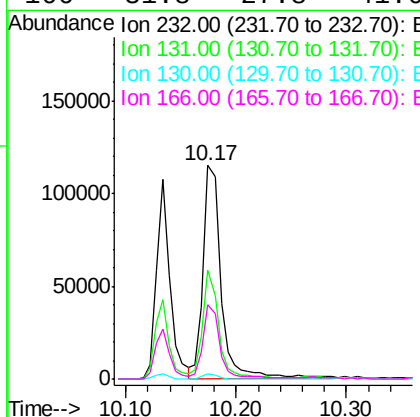
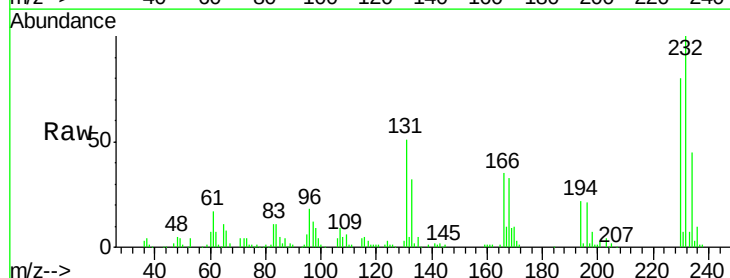
Instrument :
 BNA_F
 ClientSampleId :

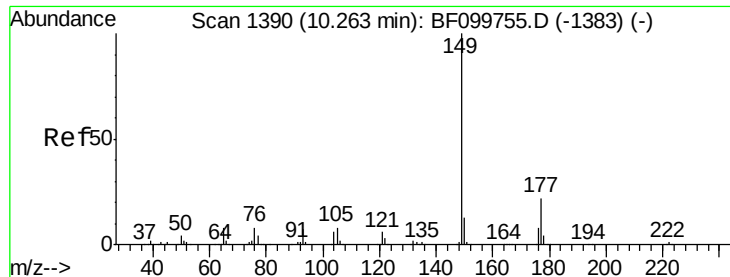
Tot Ion:166 Resp: 549828
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.13 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion:232 Resp: 124878
 Ion Ratio Lower Upper
 232 100
 131 46.4 43.8 65.8
 130 2.2 2.1 3.1
 166 31.8 27.8 41.6

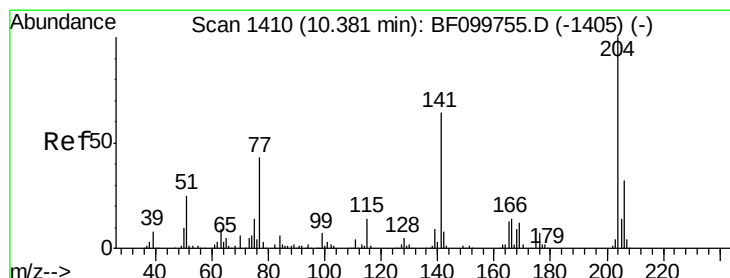
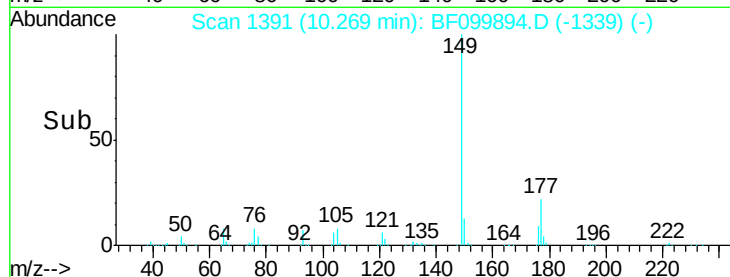
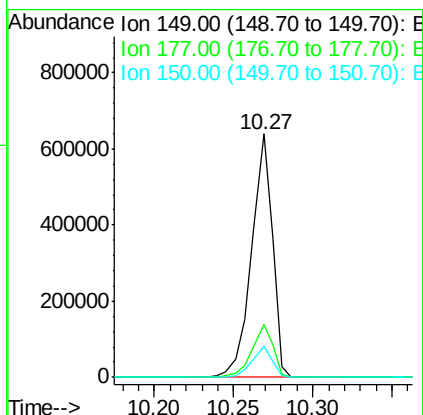
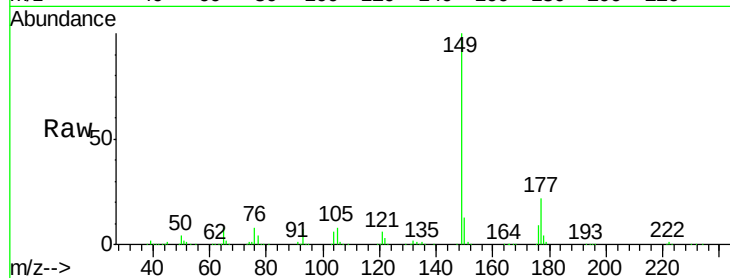




#59
Diethylphthalate
Concen: 36.87 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

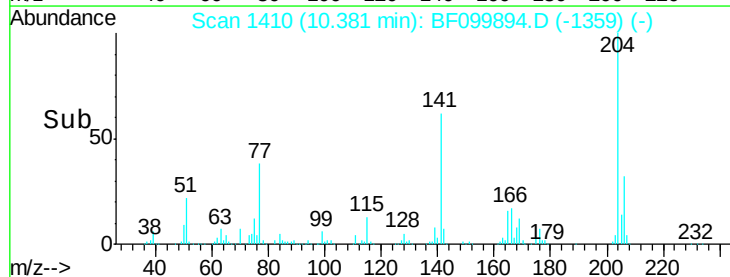
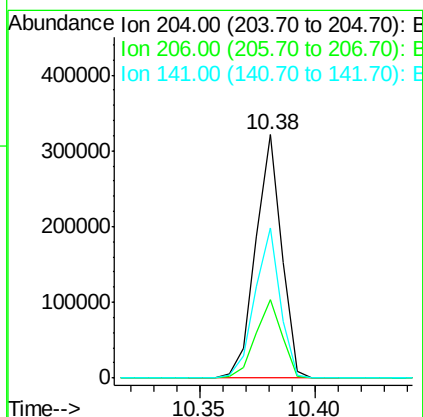
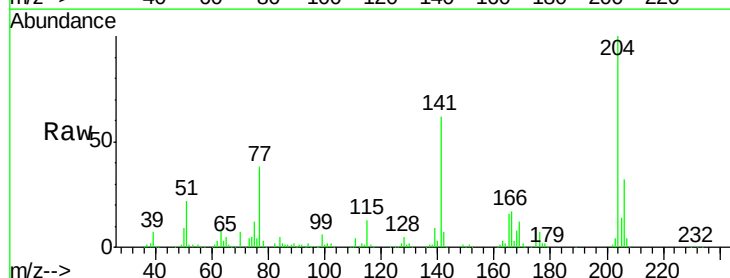
Instrument :
BNA_F
ClientSampleId :

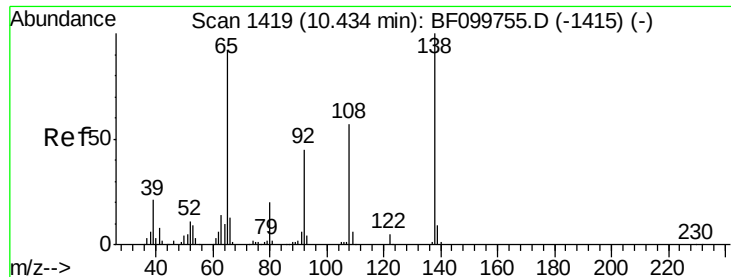
Tot Ion:149 Resp: 581402
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.35 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion:204 Resp: 252091
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 61.5 54.6 81.8





#61

4-Nitroaniline

Concen: 35.74 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

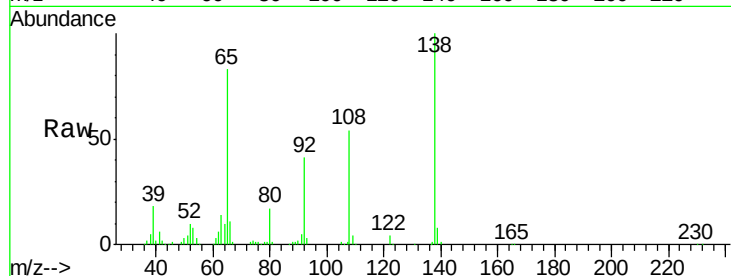
Instrument :

BNA_F

ClientSampleId :

Tot Ion:138 Resp: 136377

Ion	Ratio	Lower	Upper
138	100		
92	41.1	30.2	70.2
108	54.1	52.5	92.5

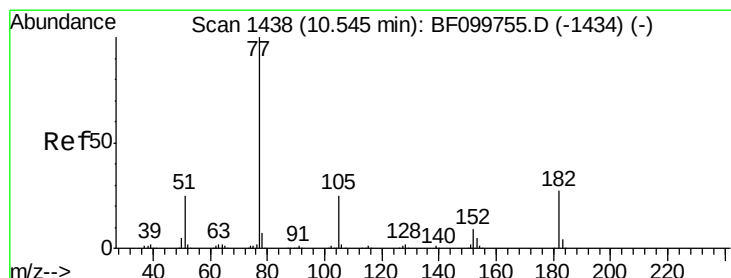
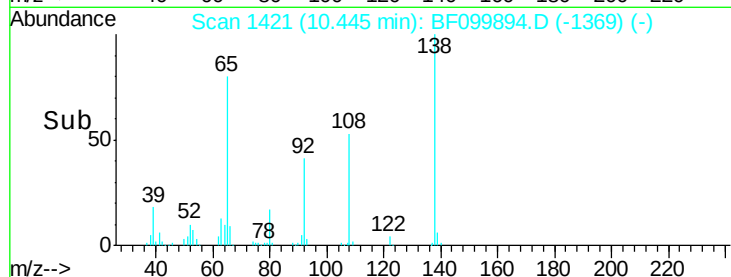
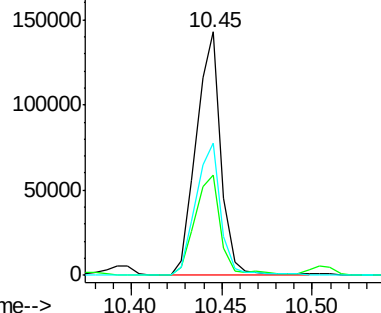


Abundance

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: 41.06 ng

RT: 10.55 min Scan# 1438

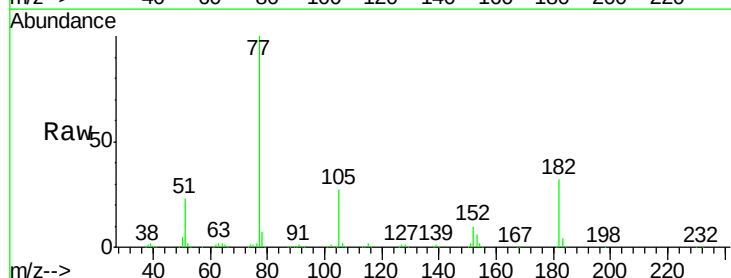
Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Tgt Ion: 77 Resp: 542710

Ion	Ratio	Lower	Upper
77	100		
182	31.7	1.7	41.7
105	27.1	3.0	43.0
51	23.5	9.9	49.9



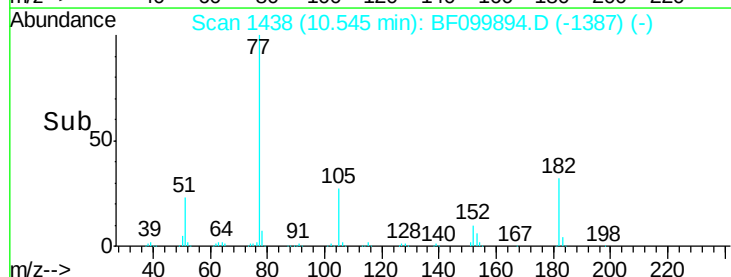
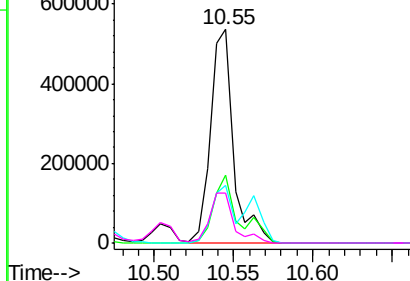
Abundance

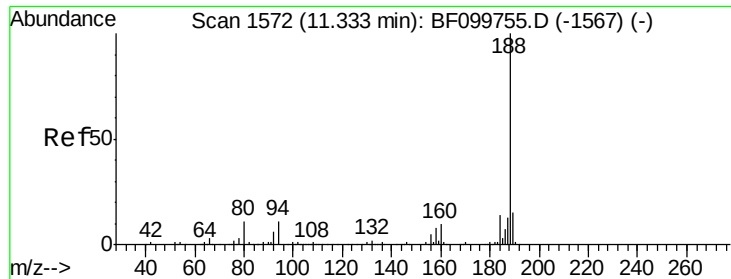
Ion 77.00 (76.70 to 77.70): BF0

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

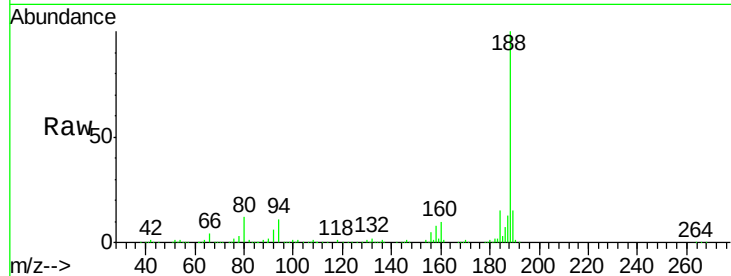




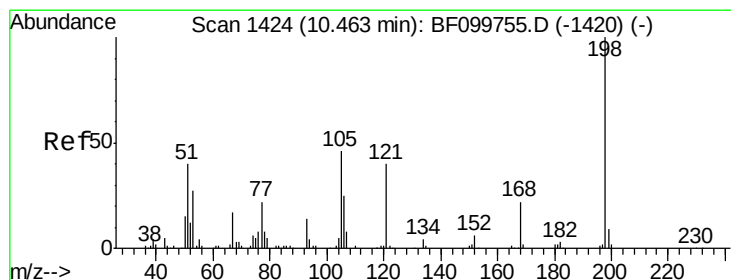
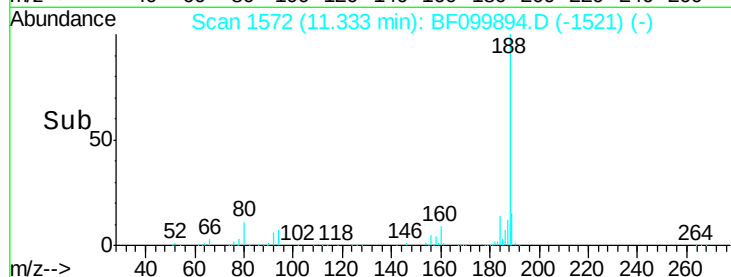
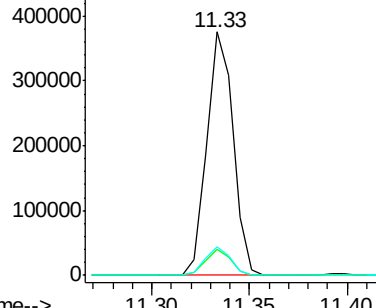
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 351945
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.9 9.2 13.8

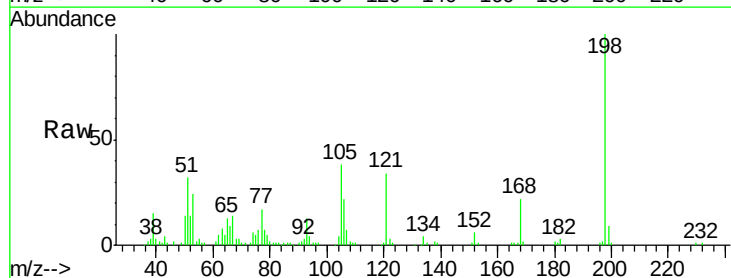


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

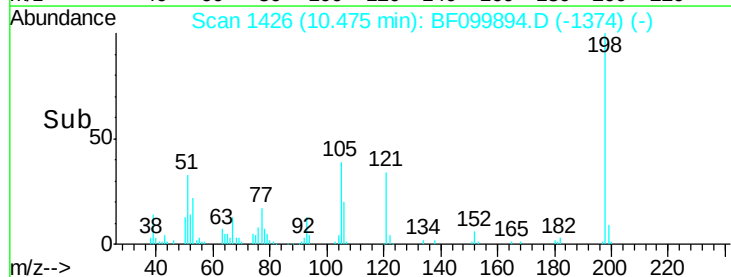
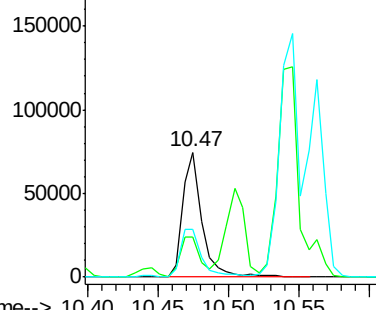


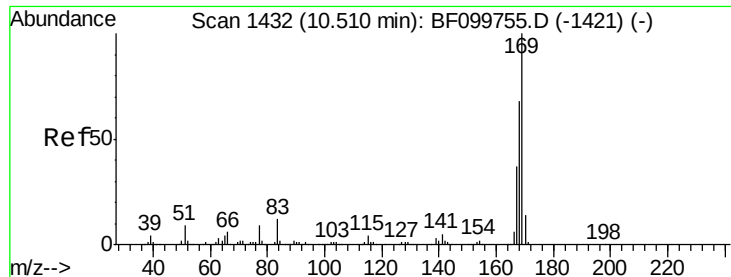
#64
4,6-Dinitro-2-methylphenol
Concen: 32.19 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion:198 Resp: 71217
Ion Ratio Lower Upper
198 100
51 32.0 37.7 77.7#
105 38.0 36.3 76.3



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

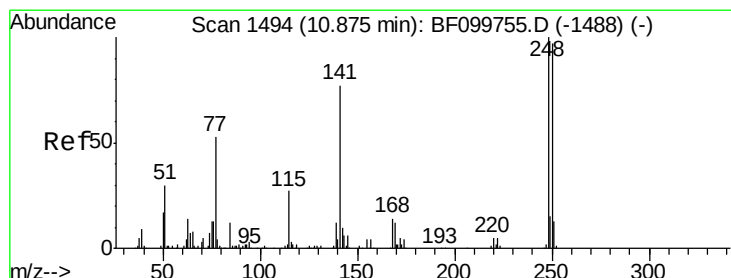
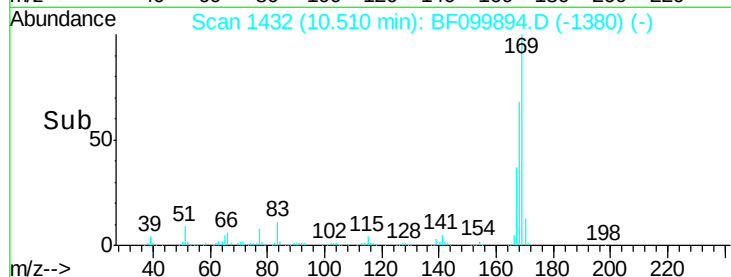
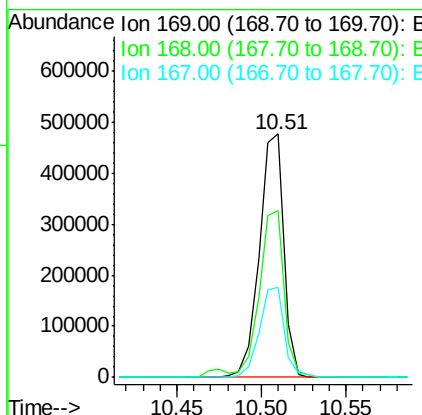
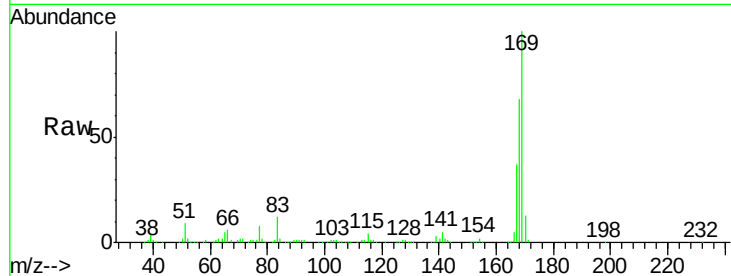




#65
 n-Nitrosodiphenylamine
 Concen: 36.93 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

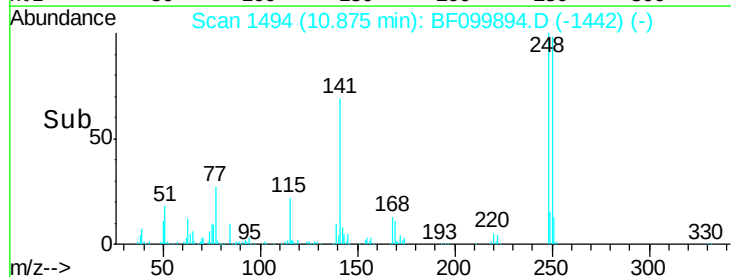
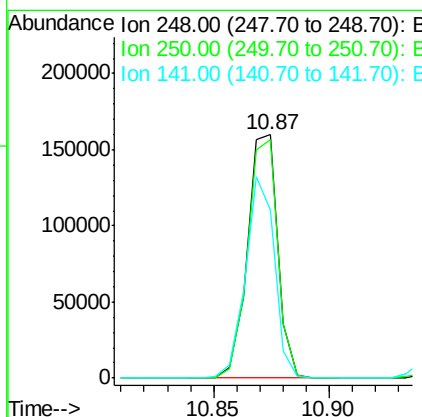
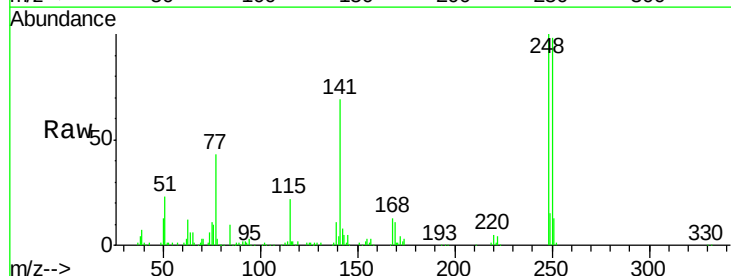
Instrument :
 BNA_F
 ClientSampleId :

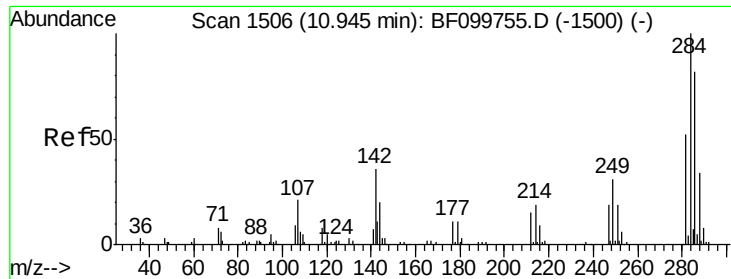
Tot Ion:169 Resp: 479830
 Ion Ratio Lower Upper
 169 100
 168 68.5 54.4 81.6
 167 36.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.60 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion:248 Resp: 146710
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.9 115.3
 141 68.9 74.4 111.6#

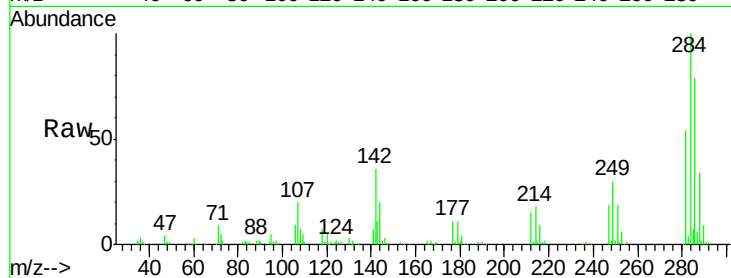




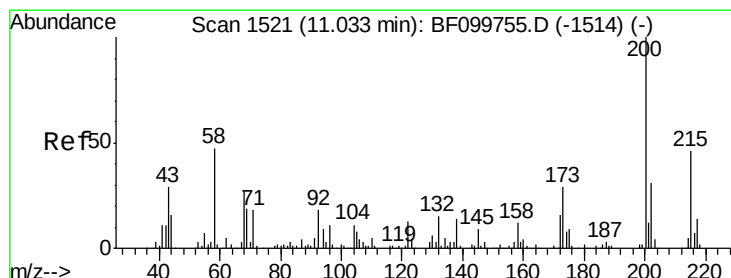
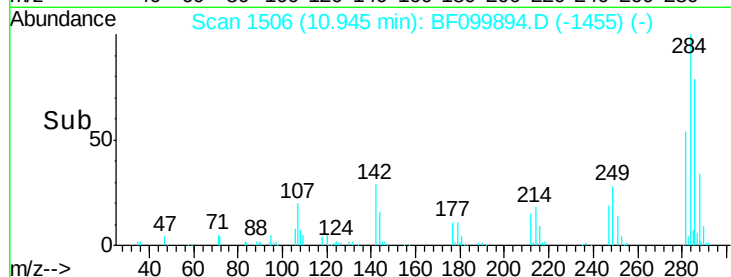
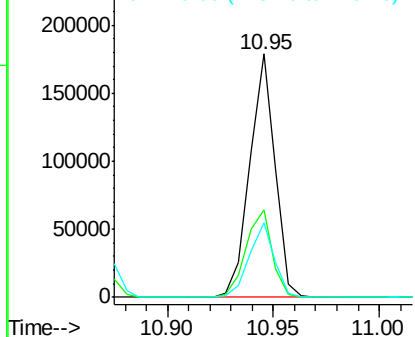
#67
Hexachlorobenzene
Concen: 39.17 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 148475
Ion Ratio Lower Upper
284 100
142 36.1 34.6 52.0
249 30.5 24.8 37.2

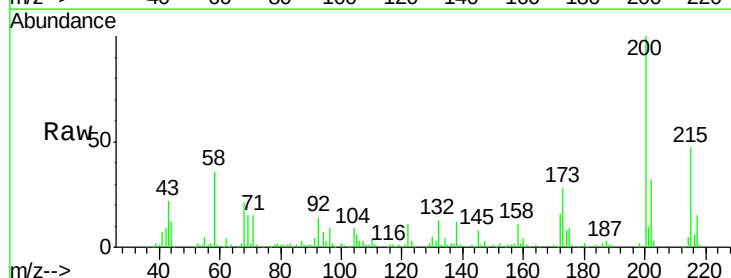


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

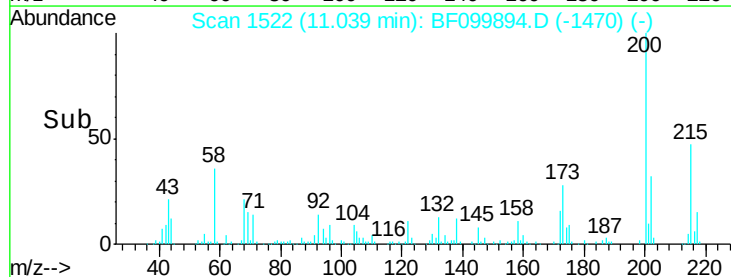
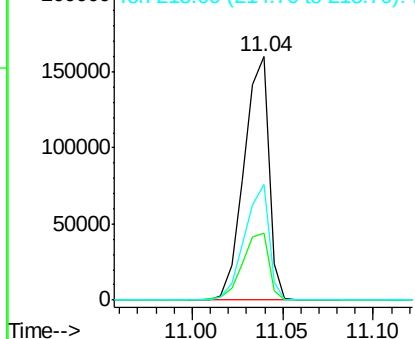


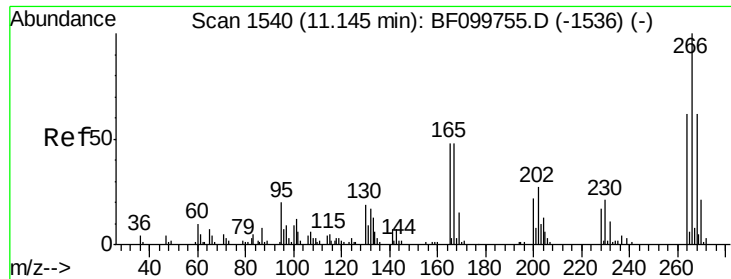
#68
Atrazine
Concen: 39.15 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion:200 Resp: 152800
Ion Ratio Lower Upper
200 100
173 27.7 8.6 48.6
215 47.3 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

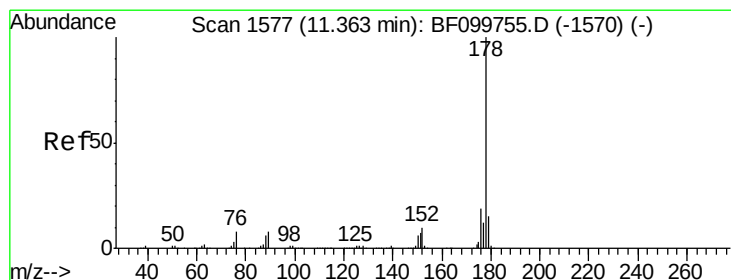
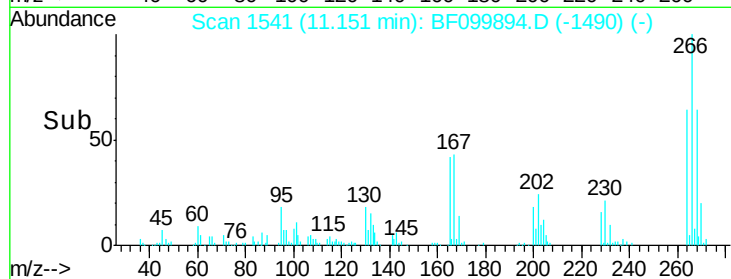
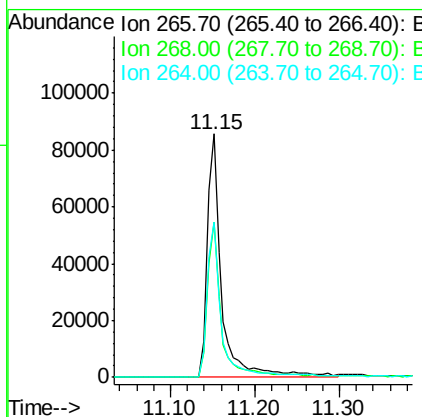
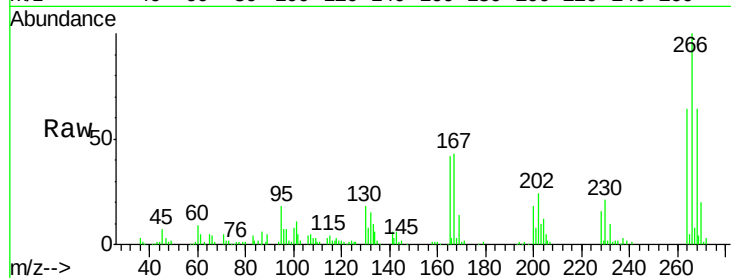




#69
 Pentachlorophenol
 Concen: 63.28 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

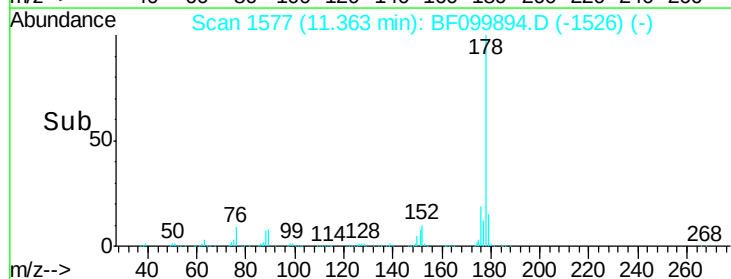
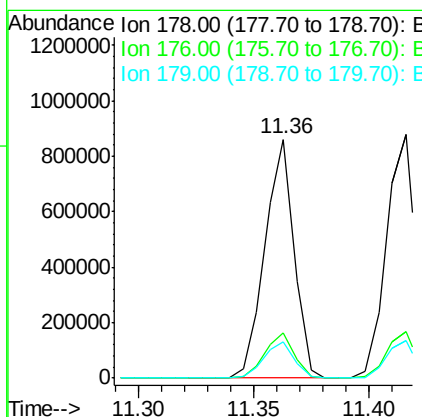
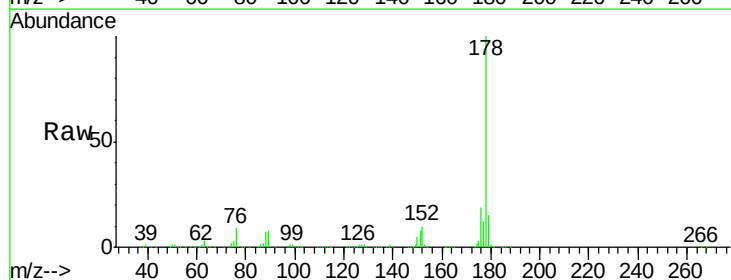
Instrument :
 BNA_F
 ClientSampled :

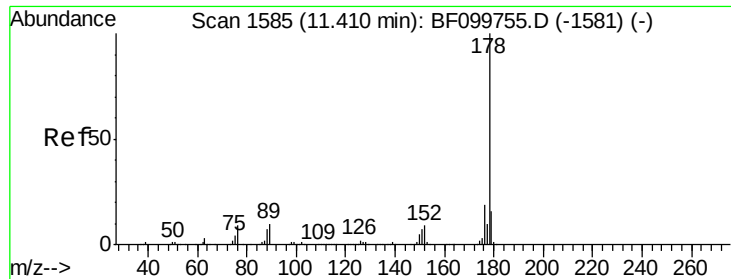
Tot Ion:266 Resp: 102500
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 63.7 49.5 74.3



#70
 Phenanthrene
 Concen: 38.20 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion:178 Resp: 758737
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.3 13.0 19.6

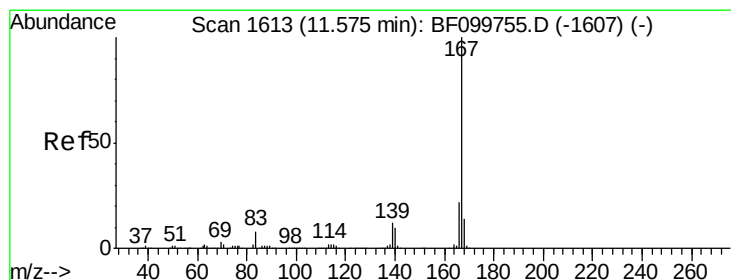
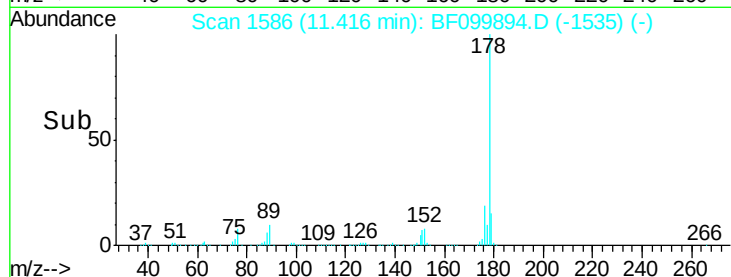
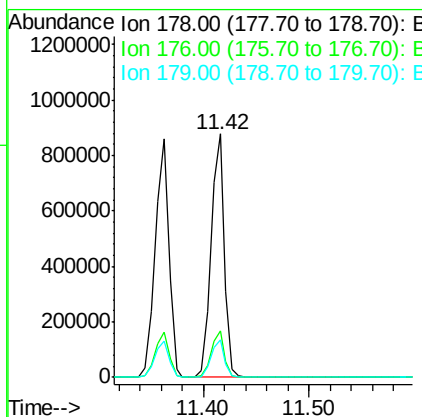
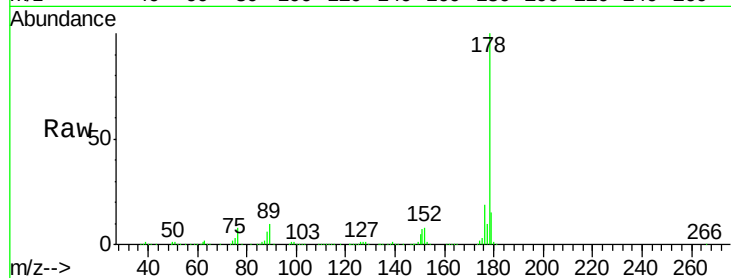




#71
 Anthracene
 Concen: 38.64 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

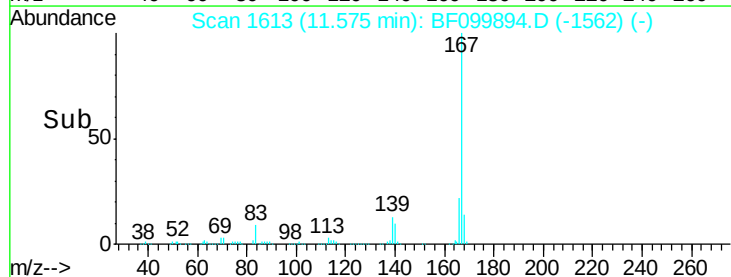
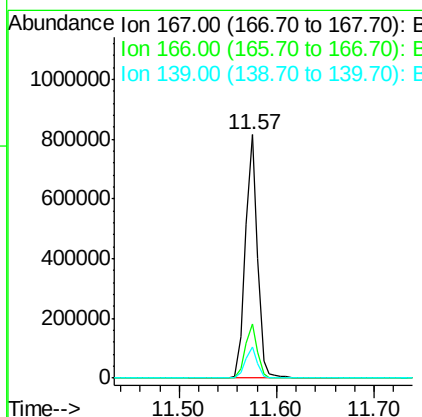
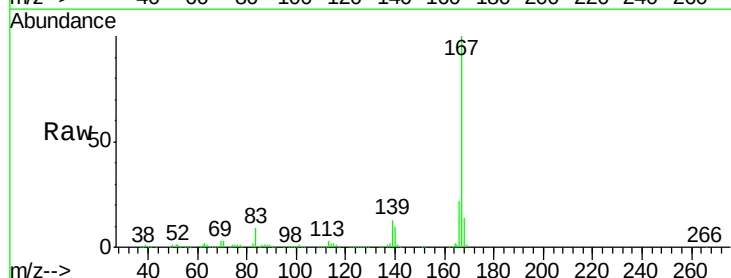
Instrument :
 BNA_F
 ClientSampled :

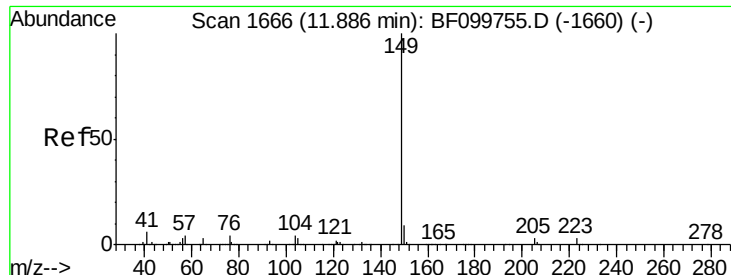
Tot Ion:178 Resp: 778973
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 37.01 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion:167 Resp: 701747
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.61 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

ClientSampleId :

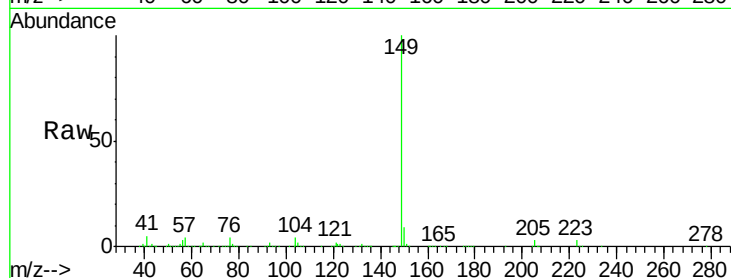
Tot Ion:149 Resp: 885377

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

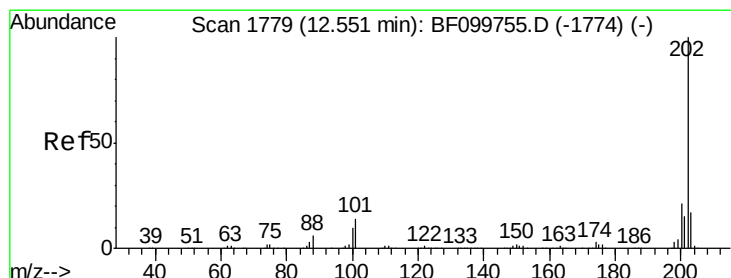
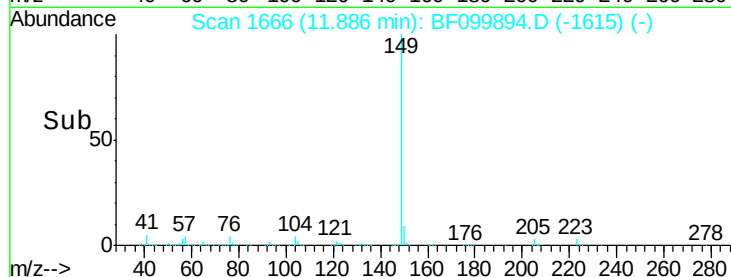
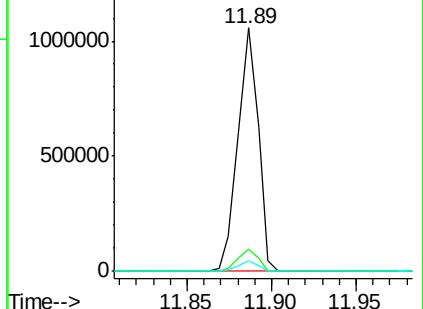
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.03 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

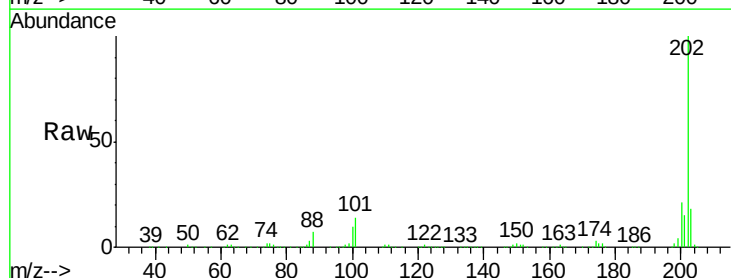
Tgt Ion:202 Resp: 723062

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.1

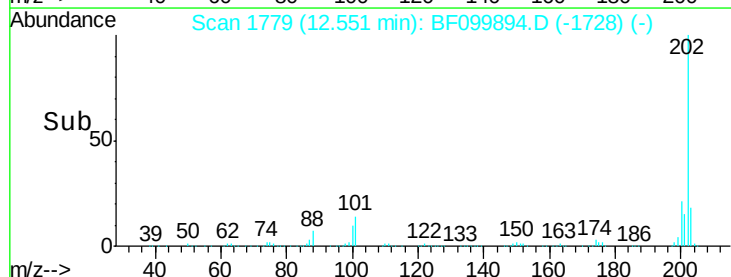
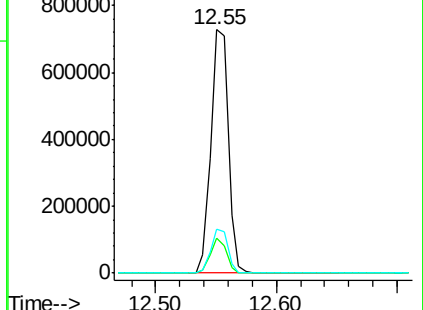
203 17.9 0.0 38.1

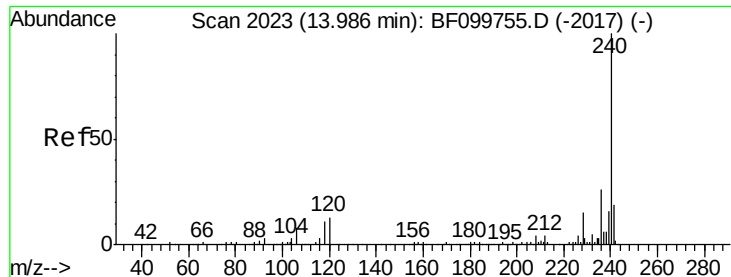


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

ClientSampleId :

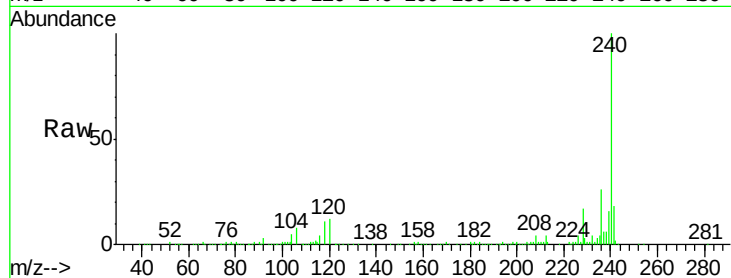
Tot Ion:240 Resp: 195622

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

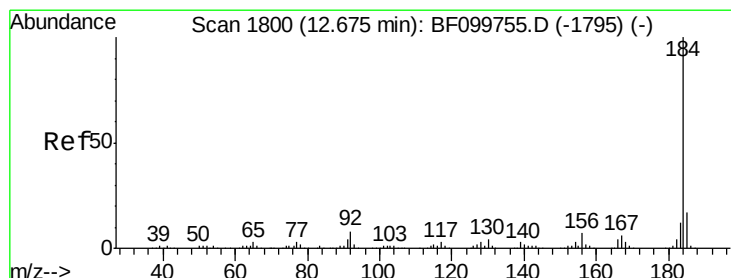
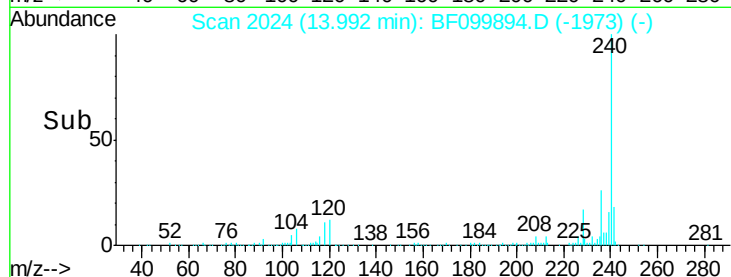
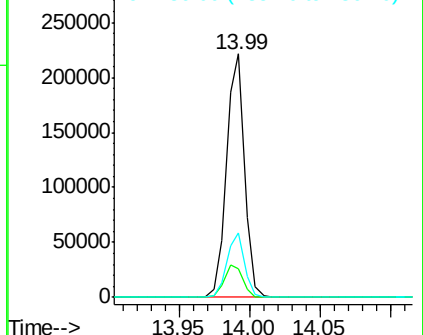
236 26.3 20.7 31.1



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: 7.95 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

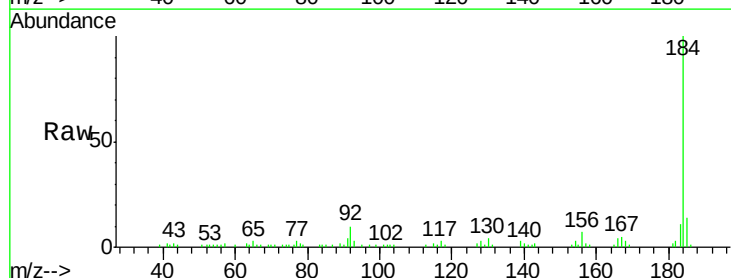
Tgt Ion:184 Resp: 68044

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

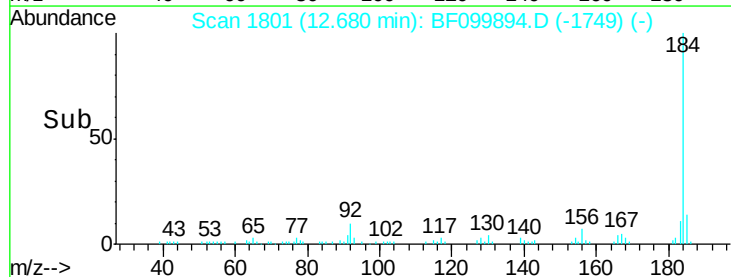
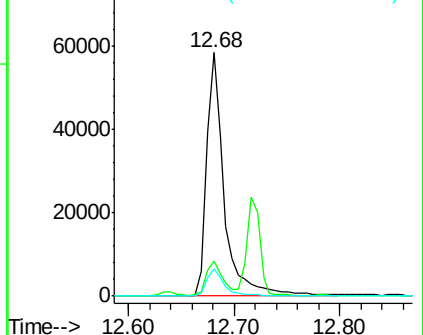
183 11.2 9.3 13.9

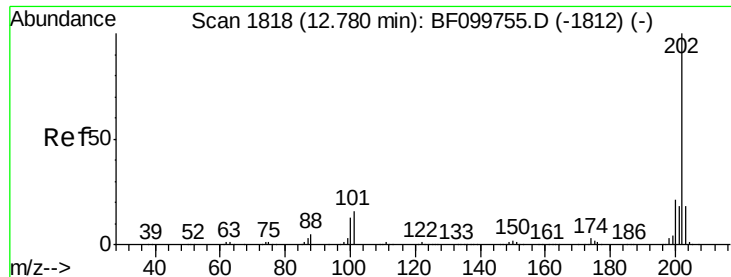


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

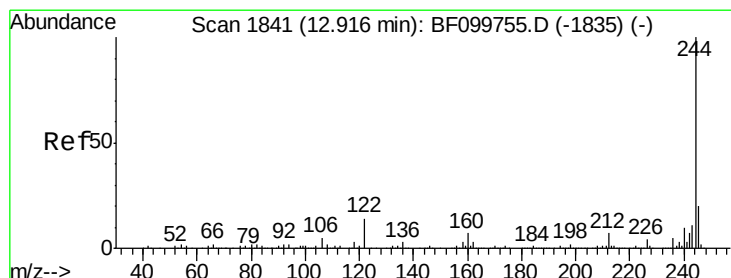
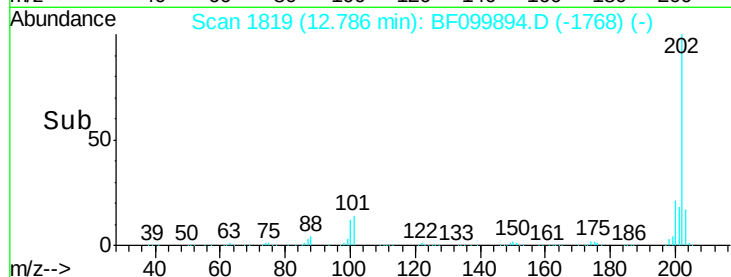
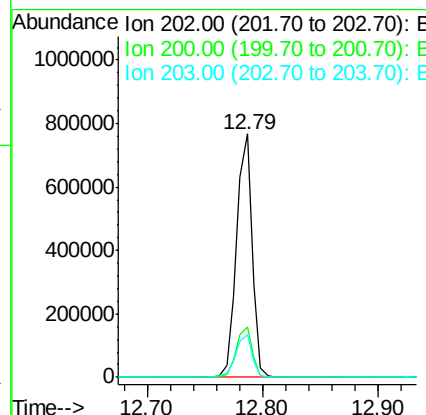
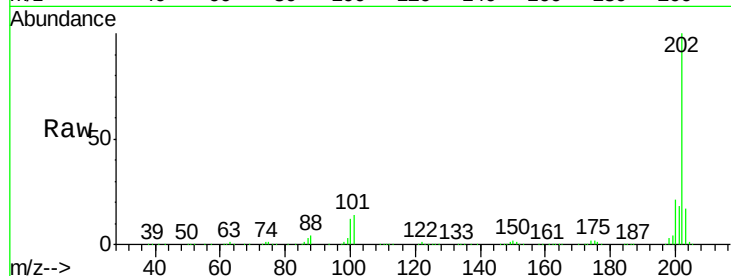




#77
Pvrene
Concen: 48.18 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

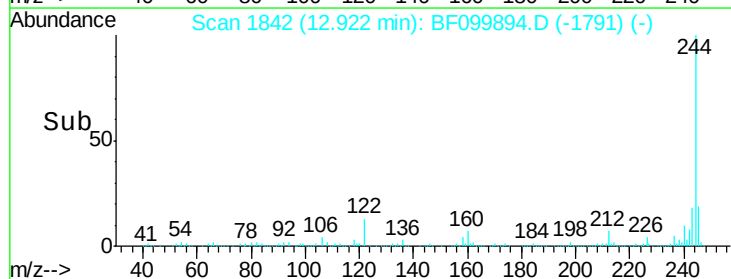
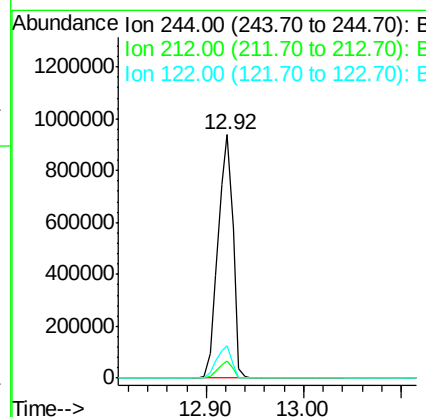
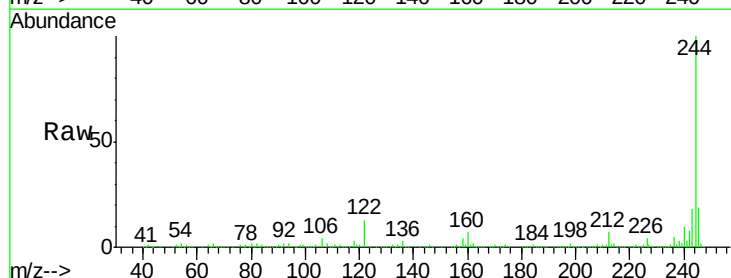
Instrument :
BNA_F
ClientSampleId :

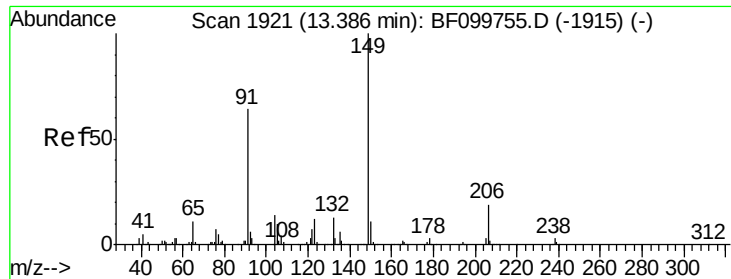
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.3	14.3	21.5



#78
Terphenyl-d14
Concen: 110.97 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.3	11.0	16.4

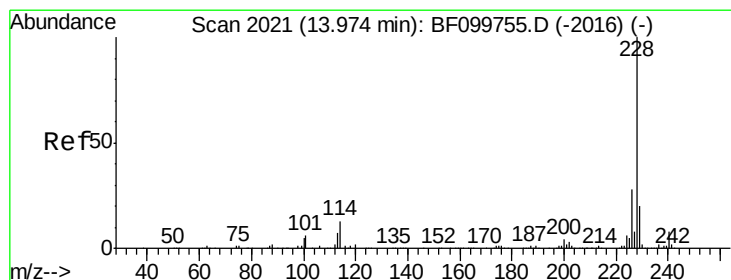
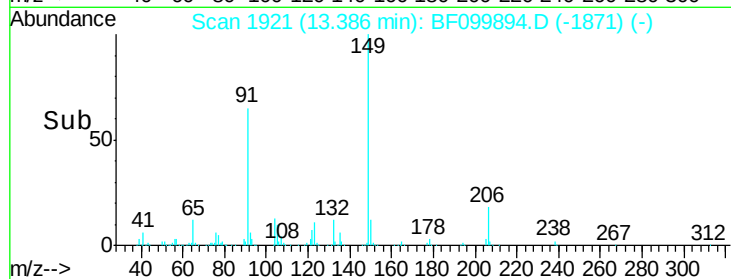
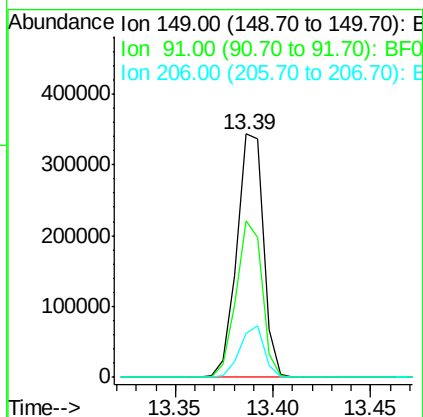
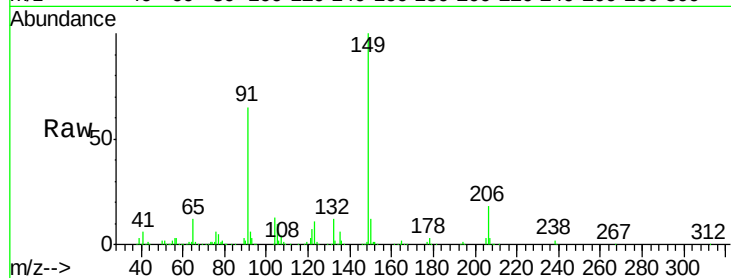




#79
Butylbenzylphthalate
Concen: 44.46 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

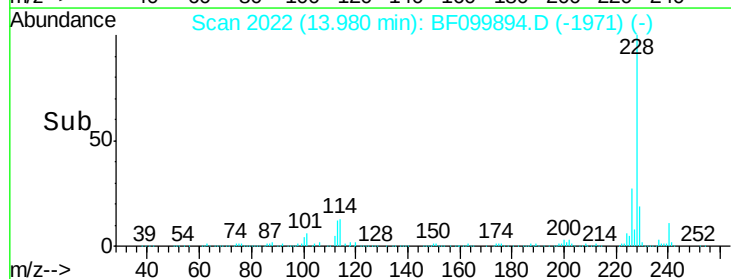
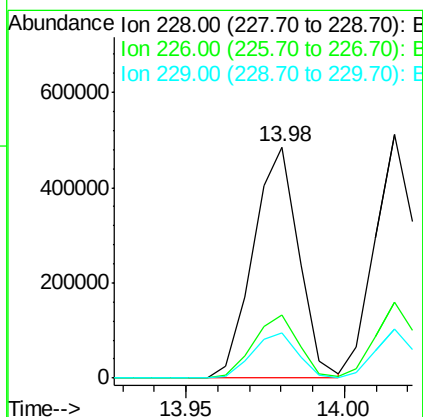
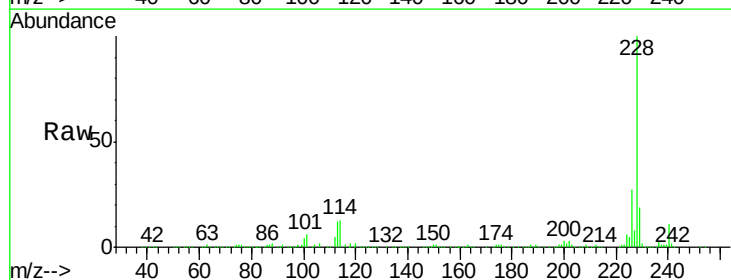
Instrument :
BNA_F
ClientSampleId :

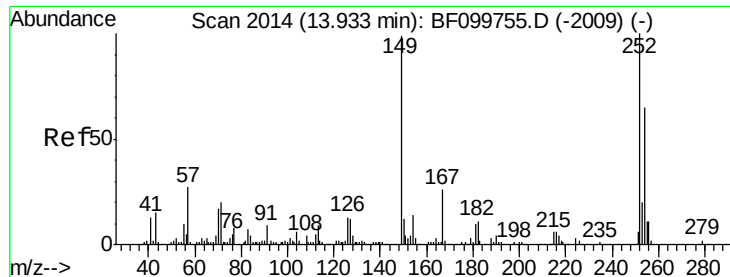
Tot Ion:149 Resp: 325666
Ion Ratio Lower Upper
149 100
91 64.5 56.8 85.2
206 18.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.94 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion:228 Resp: 482857
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.4 15.8 23.6

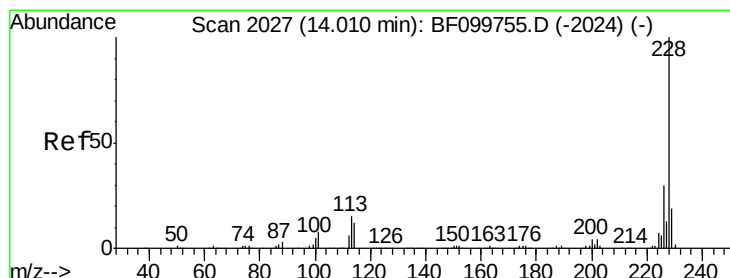
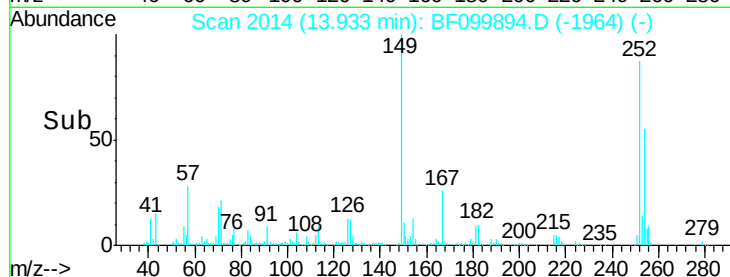
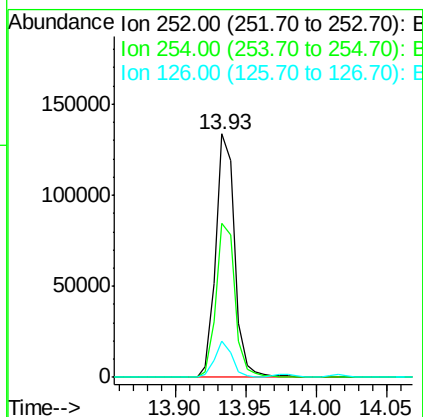
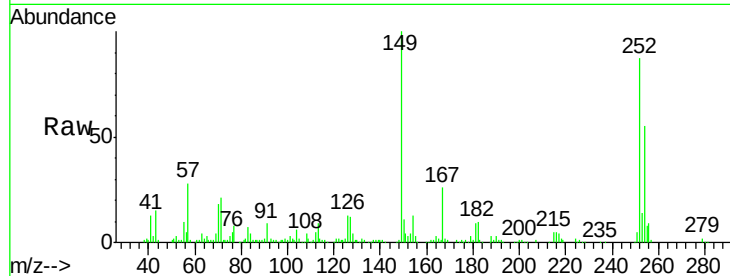




#81
 3,3'-Dichlorobenzidine
 Concen: 27.91 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

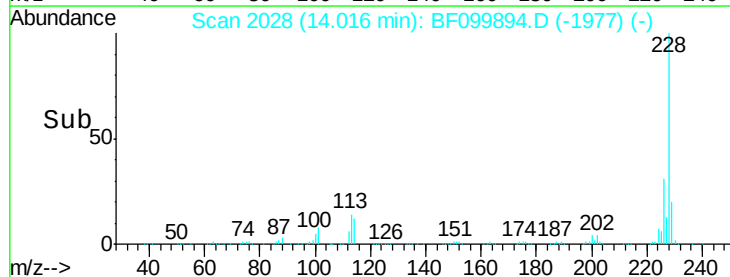
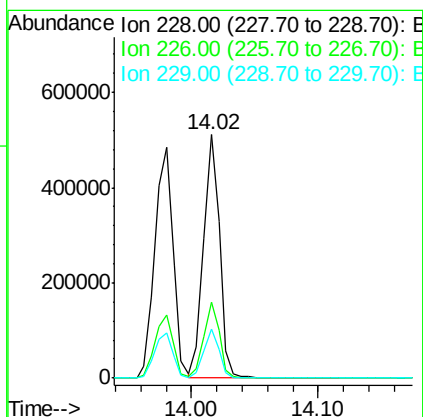
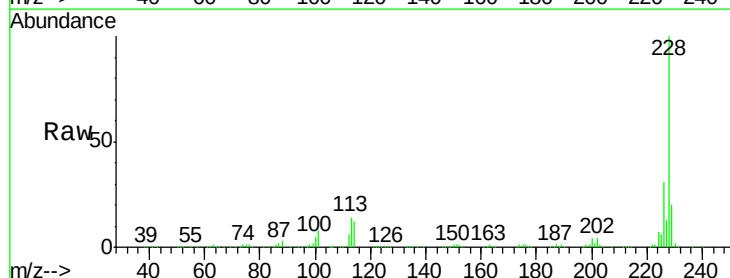
Instrument :
 BNA_F
 ClientSampleId :

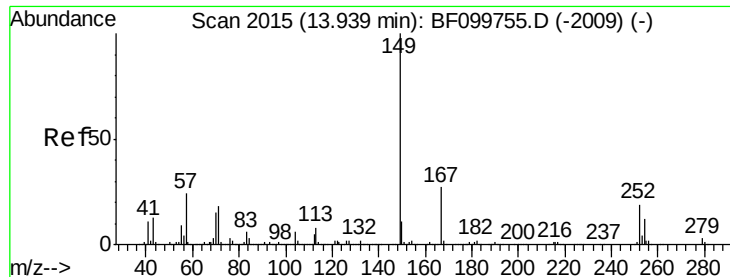
Tot Ion:252 Resp: 125641
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.4 75.6
 126 14.8 11.3 16.9



#82
 Chrysene
 Concen: 38.65 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion:228 Resp: 450601
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 20.4 16.2 24.4

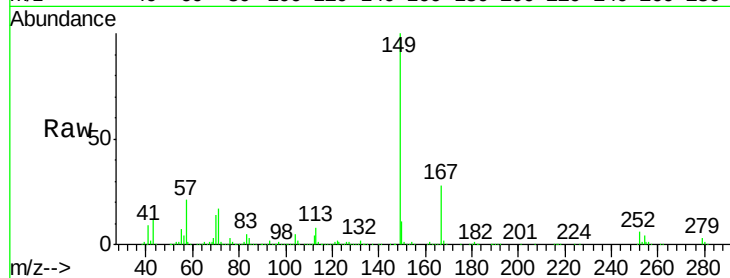




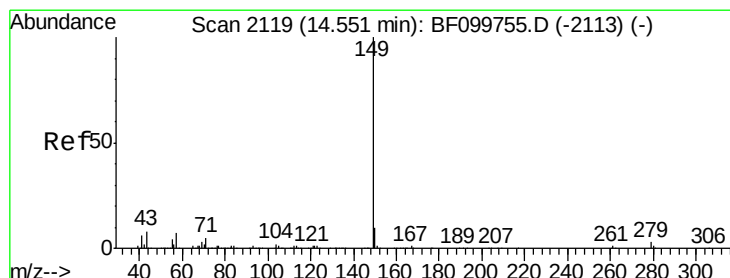
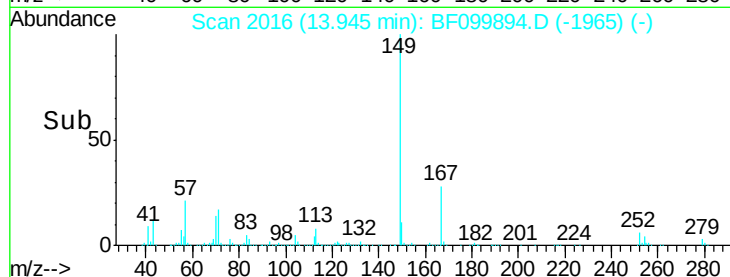
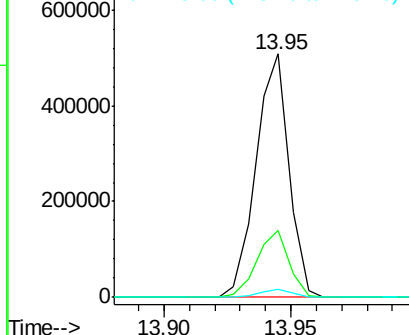
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.59 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 458674
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.3 31.9
 279 3.4 3.0 4.4

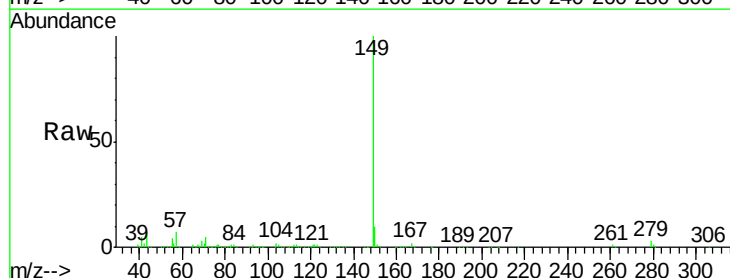


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

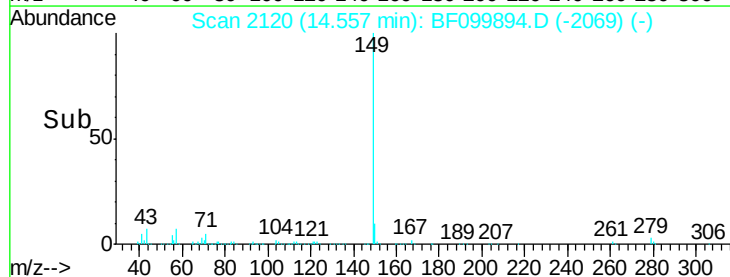
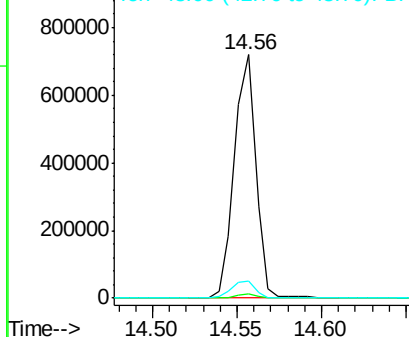


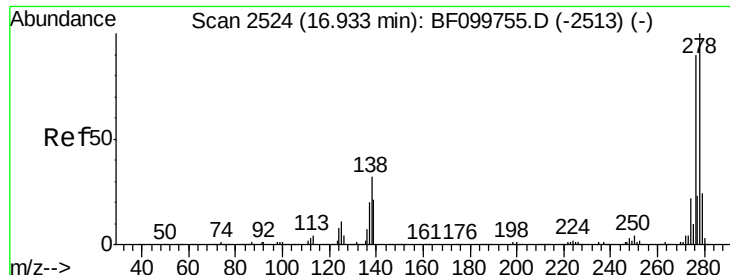
#84
 Di-n-octyl phthalate
 Concen: 36.31 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion:149 Resp: 641069
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.5 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

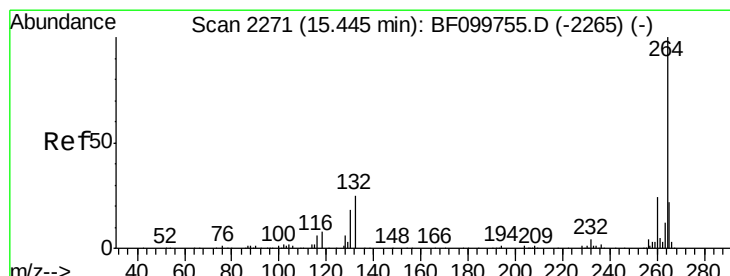
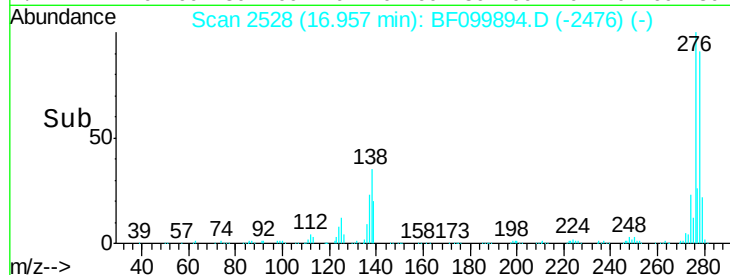
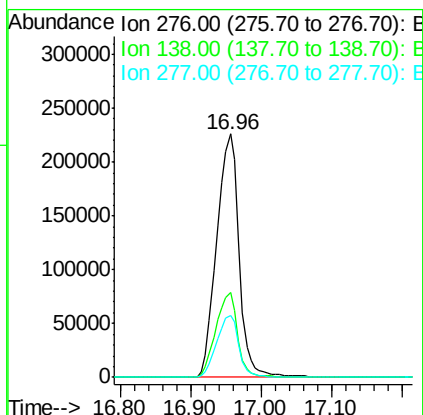
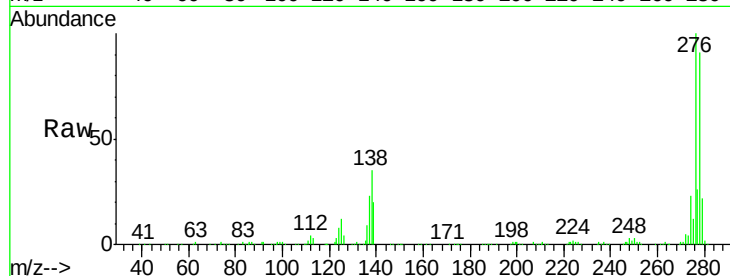




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.66 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. 0.01 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

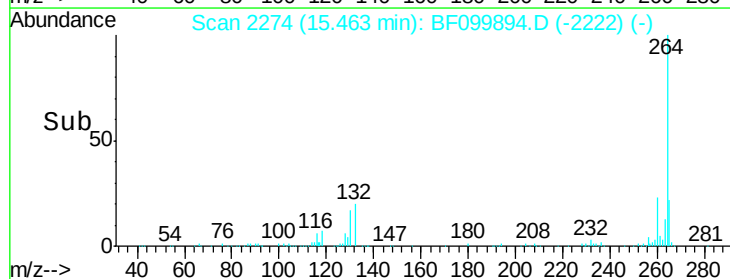
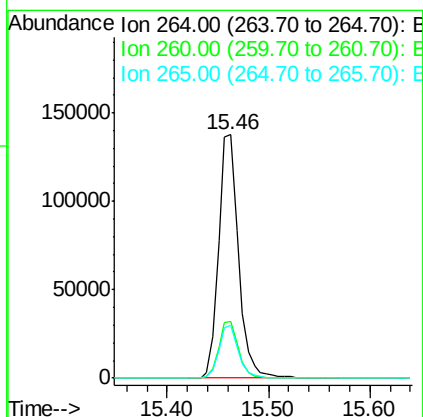
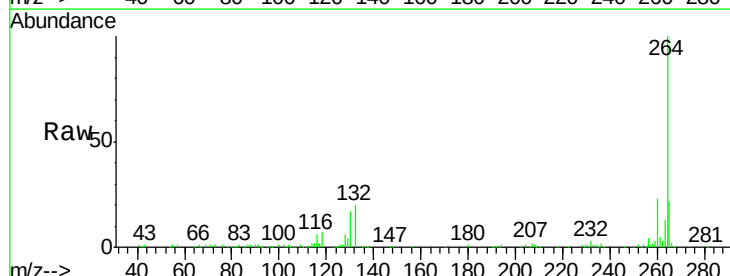
Instrument :
 BNA_F
 ClientSampleId :

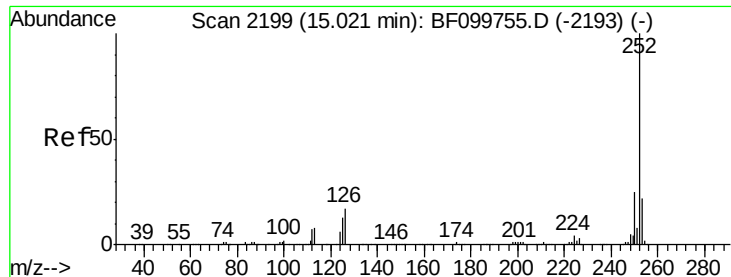
Tot Ion:276 Resp: 499411
 Ion Ratio Lower Upper
 276 100
 138 34.0 25.0 37.6
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Tgt Ion:264 Resp: 188165
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.7 17.5 26.3

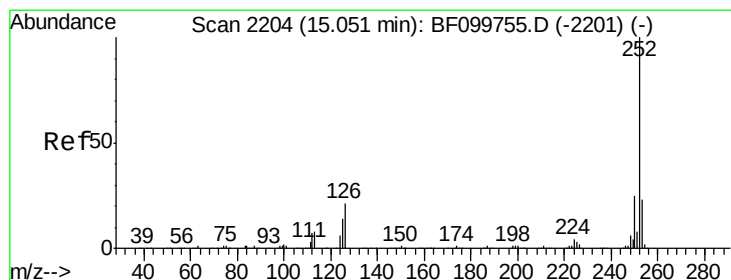
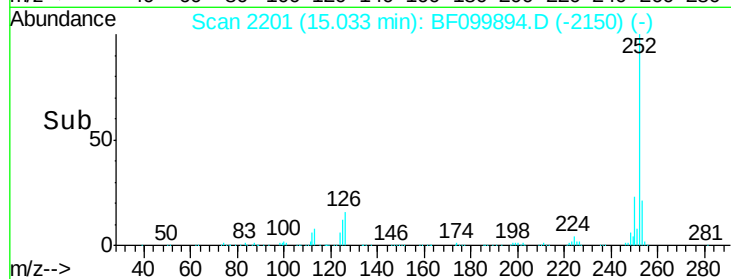
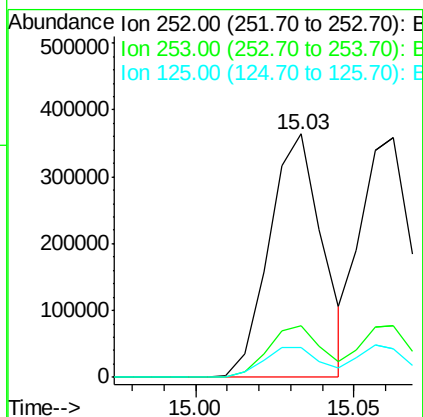
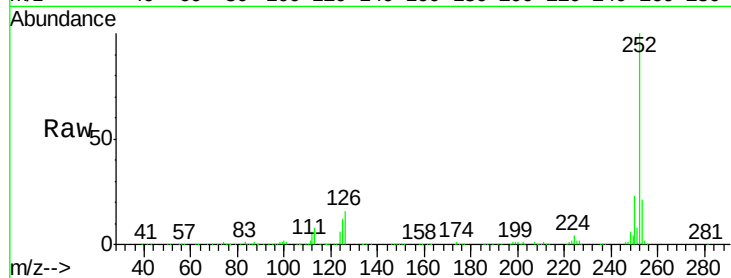




#87
Benzo(b)fluoranthene
Concen: 35.77 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

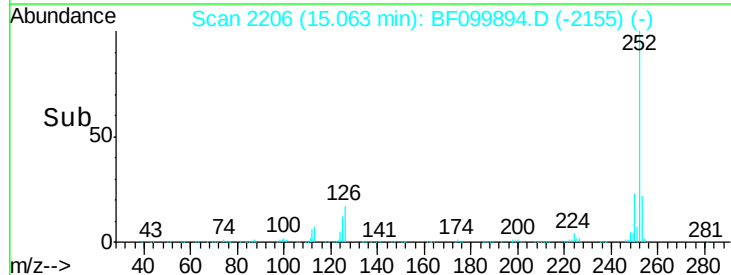
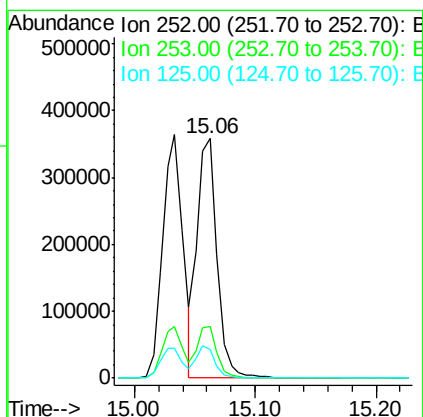
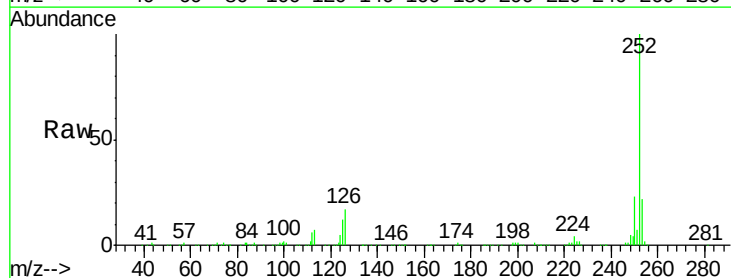
Instrument :
BNA_F
ClientSampled :

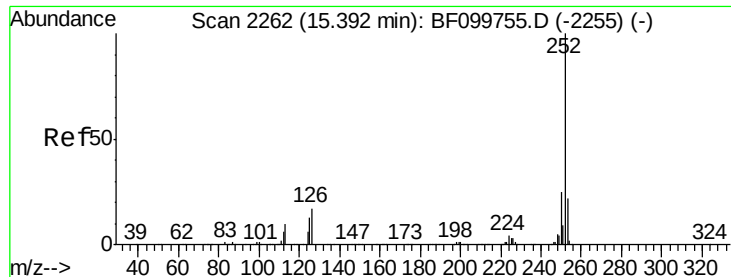
Tot Ion:252 Resp: 425008
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 12.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.74 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF099894.D
Acq: 28 Oct 2017 00:08

Tgt Ion:252 Resp: 411612
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.10 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

Instrument :

BNA_F

ClientSampleId :

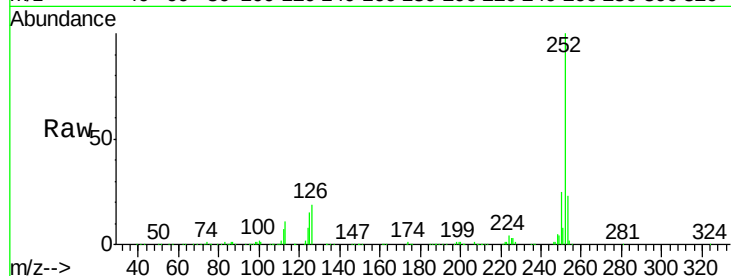
Tot Ion:252 Resp: 417267

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

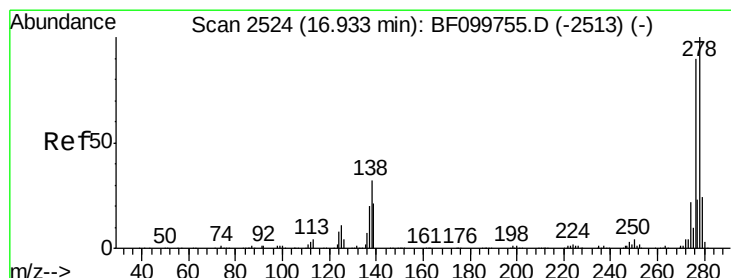
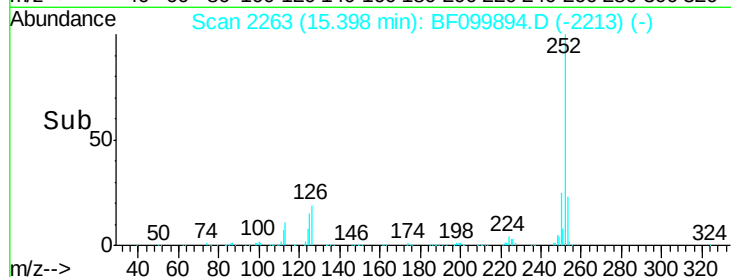
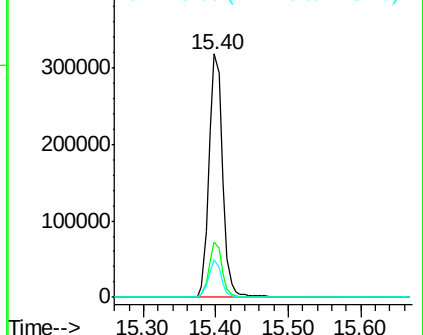
125 15.2 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 43.82 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BF099894.D

Acq: 28 Oct 2017 00:08

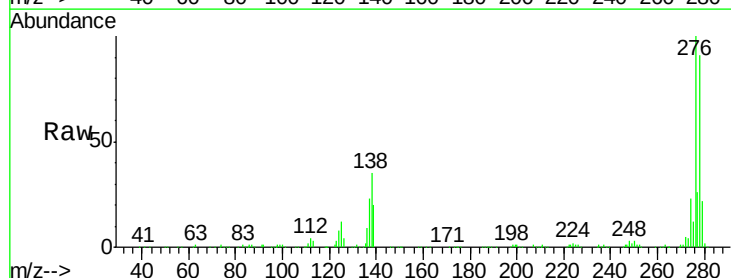
Tgt Ion:278 Resp: 415579

Ion Ratio Lower Upper

278 100

139 21.8 15.9 23.9

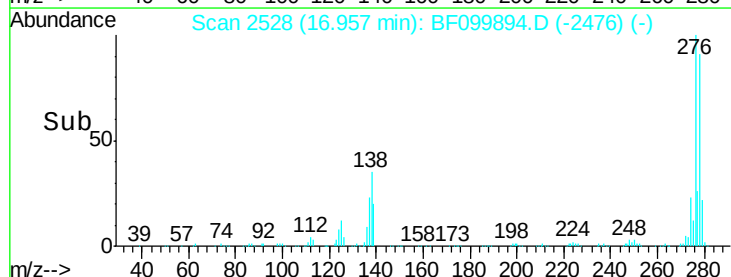
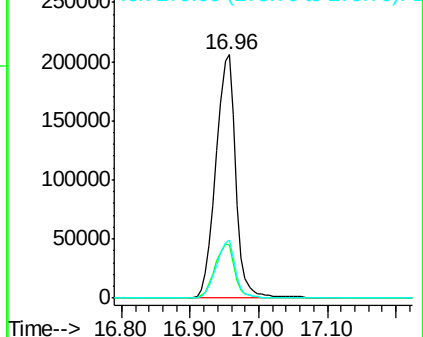
279 24.0 19.0 28.4

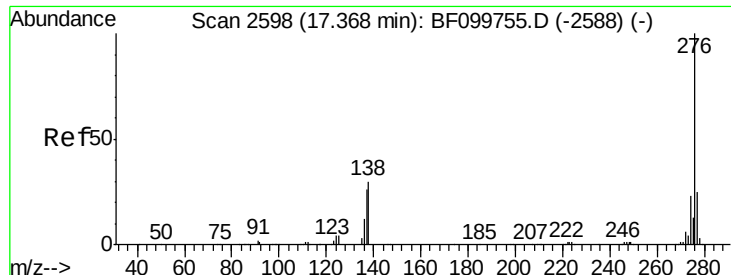


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 46.97 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BF099894.D
 Acq: 28 Oct 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	29.0	21.8	32.8

