

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099423.D
 Acq On : 13 Oct 2017 5:40
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 07:11:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	92491	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	358302	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	133922	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	212325	20.00	ng	0.00
75) Chrysene-d12	14.02	240	186748	20.00	ng	0.00
86) Perylene-d12	15.49	264	139176	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	510218	87.82	ng	0.00
7) Phenol-d6	6.49	99	606143	84.57	ng	0.00
23) Nitrobenzene-d5	7.42	82	478868	85.71	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	85635	78.15	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	809629	100.93	ng	0.00
78) Terphenyl-d14	12.96	244	679883	82.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	112362	40.48	ng	94
3) Pyridine	3.38	79	298998	39.82	ng	97
4) n-Nitrosodimethylamine	3.33	42	118867	37.34	ng	# 76
6) Aniline	6.52	93	386558	39.96	ng	99
8) 2-Chlorophenol	6.65	128	284238	43.20	ng	91
9) Benzaldehyde	6.41	77	155758	37.46	ng	94
10) Phenol	6.50	94	348849	43.52	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	264616	42.46	ng	98
12) 1,3-Dichlorobenzene	6.80	146	301459	43.75	ng	97
13) 1,4-Dichlorobenzene	6.87	146	305538	43.58	ng	97
14) 1,2-Dichlorobenzene	7.03	146	278234	42.95	ng	96
15) Benzyl Alcohol	7.00	79	194861	37.06	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	361278	37.21	ng	95
17) 2-Methylphenol	7.11	107	218261	40.54	ng	97
18) Hexachloroethane	7.36	117	80531	31.96	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	164665	35.98	ng	94
20) 3+4-Methylphenols	7.26	107	258390	37.94	ng	# 73
22) Acetophenone	7.27	105	353215	40.69	ng	# 98
24) Nitrobenzene	7.44	77	263404	41.56	ng	97
25) Isophorone	7.67	82	458739	39.71	ng	99
26) 2-Nitrophenol	7.76	139	105249	34.53	ng	# 86
27) 2,4-Dimethylphenol	7.79	122	227615	39.55	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	309608	43.01	ng	99
29) 2,4-Dichlorophenol	8.00	162	204269	41.34	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	214421	43.38	ng	99
31) Naphthalene	8.16	128	703199	41.79	ng	99
32) Benzoic acid	7.90	122	106339	22.49	ng	97
33) 4-Chloroaniline	8.21	127	284043	40.42	ng	97
34) Hexachlorobutadiene	8.27	225	111602	43.84	ng	97
35) Caprolactam	8.59	113	57205	36.09	ng	# 81
36) 4-Chloro-3-methylphenol	8.69	107	201433	36.27	ng	94
37) 2-Methylnaphthalene	8.85	142	427604	39.09	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	196031	49.08	ng	98
42) 2,4,6-Trichlorophenol	9.13	196	120202	42.48	ng	99

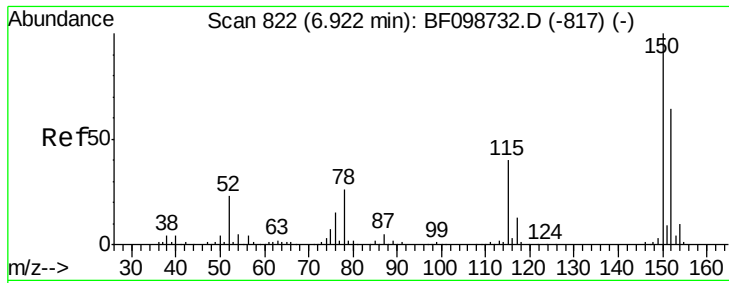
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099423.D
 Acq On : 13 Oct 2017 5:40
 Operator : SJ/JU
 Sample : SSTDC0040
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 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	114963	40.70	nq	94
45) 1,1'-Biphenyl	9.31	154	539868	46.91	nq	99
46) 2-Chloronaphthalene	9.34	162	388897	45.00	nq	97
47) 2-Nitroaniline	9.44	65	113481	42.89	nq	92
48) Acenaphthylene	9.76	152	564323	42.66	nq	99
49) Dimethylphthalate	9.61	163	465825	46.09	nq	99
50) 2,6-Dinitrotoluene	9.68	165	86351	39.24	nq	# 81
51) Acenaphthene	9.93	154	328610	39.21	nq	99
52) 3-Nitroaniline	9.85	138	115991	45.21	nq	92
54) Dibenzofuran	10.10	168	461450	41.36	nq	98
55) 4-Nitrophenol	10.02	139	61836	28.50	nq	83
56) 2,4-Dinitrotoluene	10.09	165	95438	33.42	nq	87
57) Fluorene	10.44	166	369668	41.22	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	73717	37.78	nq	97
59) Diethylphthalate	10.30	149	422572	42.78	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	170059	42.21	nq	98
61) 4-Nitroaniline	10.46	138	112214	45.33	nq	88
62) Azobenzene	10.59	77	324925	35.78	nq	96
65) n-Nitrosodiphenylamine	10.54	169	327251	44.49	nq	97
66) 4-Bromophenyl-phenylether	10.92	248	91323	43.94	nq	# 90
67) Hexachlorobenzene	10.99	284	94370	42.51	nq	# 89
68) Atrazine	11.07	200	87449	39.51	nq	96
69) Pentachlorophenol	11.19	266	129303	93.60	nq	98
70) Phenanthrene	11.40	178	492000	43.29	nq	99
71) Anthracene	11.46	178	501287	43.11	nq	99
72) Carbazole	11.61	167	494892	43.46	nq	99
73) Di-n-butylphthalate	11.93	149	601578	43.89	nq	98
74) Fluoranthene	12.59	202	537655	46.72	nq	100
76) Benzidine	12.72	184	292901	42.41	nq	98
77) Pyrene	12.82	202	568256	39.90	nq	99
79) Butylbenzylphthalate	13.43	149	279288	41.73	nq	98
80) Benzo(a)anthracene	14.01	228	481774	42.60	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	188207	45.40	nq	99
82) Chrysene	14.05	228	462297	42.94	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	398371	43.23	nq	99
84) Di-n-octyl phthalate	14.59	149	716237	48.27	nq	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	306846	35.63	nq	96
87) Benzo(b)fluoranthene	15.09	252	382543	44.70	nq	97
88) Benzo(k)fluoranthene	15.09	252	382543	45.26	nq	99
89) Benzo(a)pyrene	15.43	252	335400	42.70	nq	97
90) Dibenzo(a,h)anthracene	16.99	278	257399	40.95	nq	97
91) Benzo(g,h,i)perylene	17.43	276	244098	39.28	nq	95

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

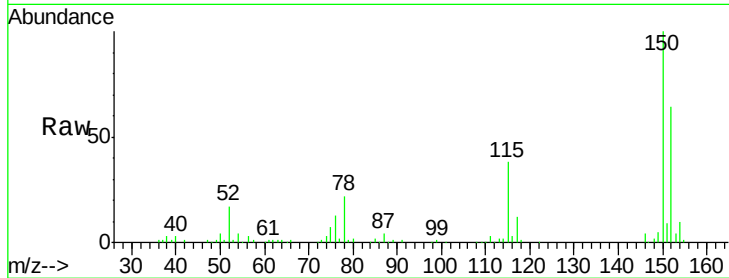


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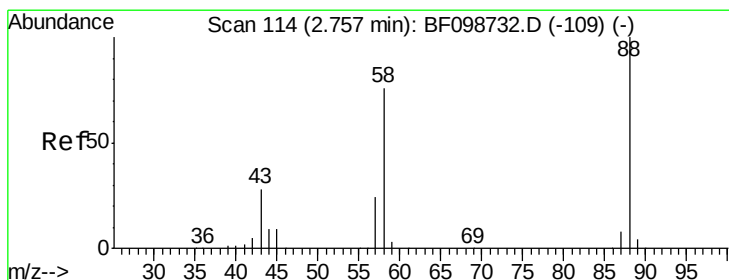
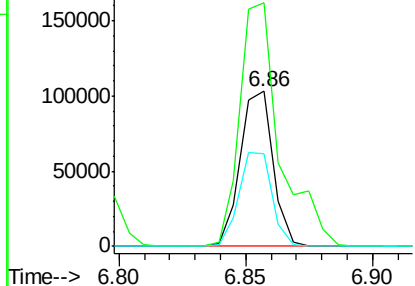
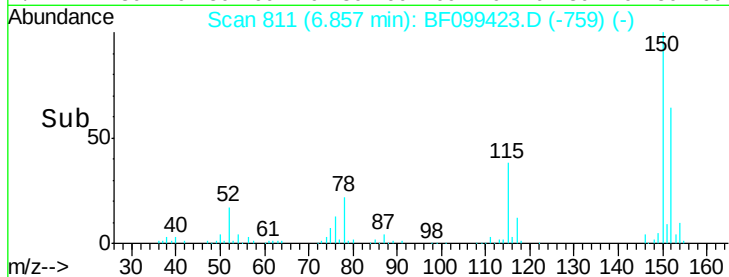
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF099423.D
 Acq: 13 Oct 2017 5:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 92491
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 59.8 50.1 75.1



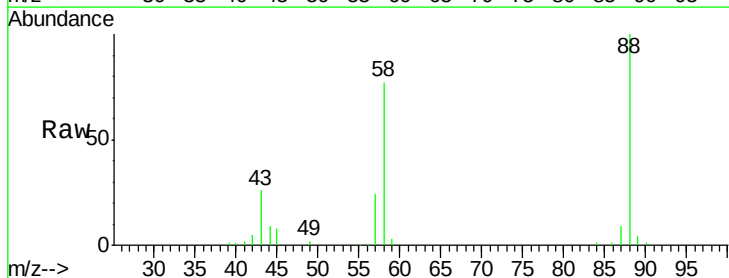
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



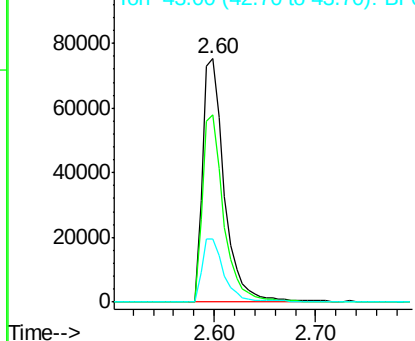
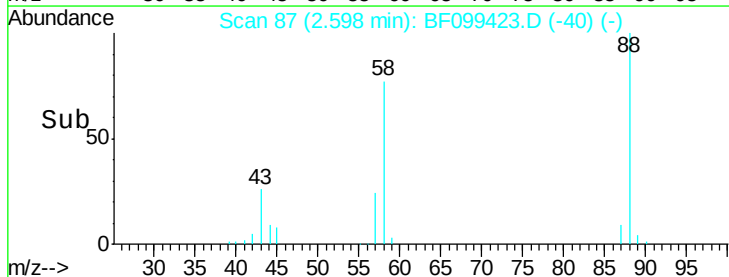
#2

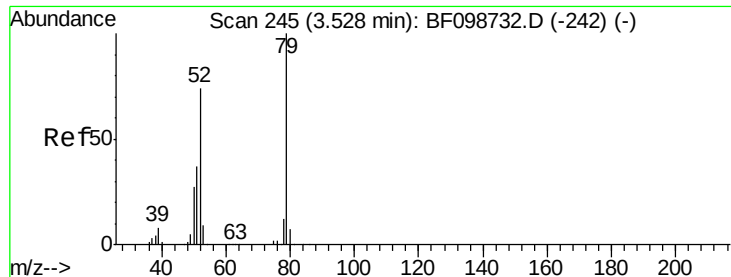
1,4-Dioxane
 Concen: 40.48 ng
 RT: 2.60 min Scan# 87
 Delta R.T. -0.02 min
 Lab File: BF099423.D
 Acq: 13 Oct 2017 5:40

Tgt Ion: 88 Resp: 112362
 Ion Ratio Lower Upper
 88 100
 58 74.6 62.6 93.8
 43 25.9 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: 39.82 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.02 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

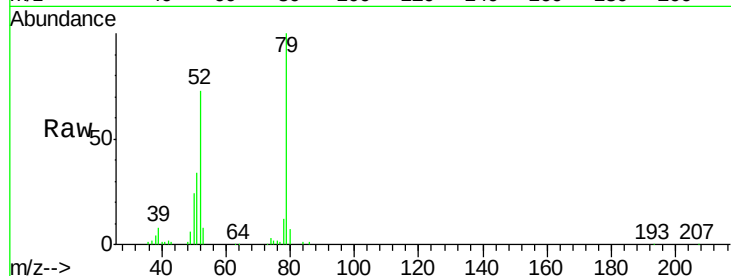
Tot Ion: 79 Resp: 298998

Ion Ratio Lower Upper

79 100

52 72.6 59.8 89.6

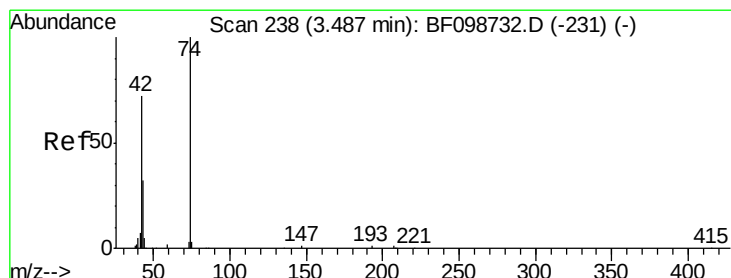
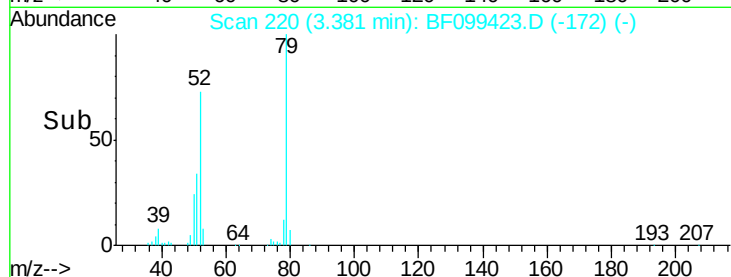
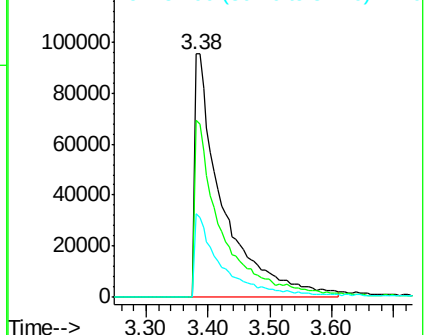
51 34.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.34 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.02 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

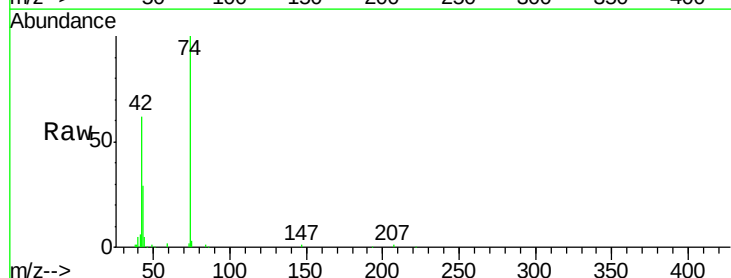
Tgt Ion: 42 Resp: 118867

Ion Ratio Lower Upper

42 100

74 161.3 104.9 157.3#

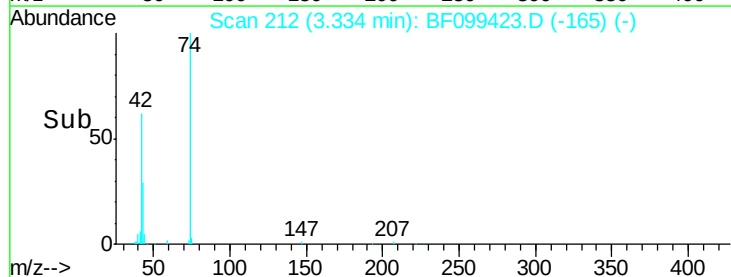
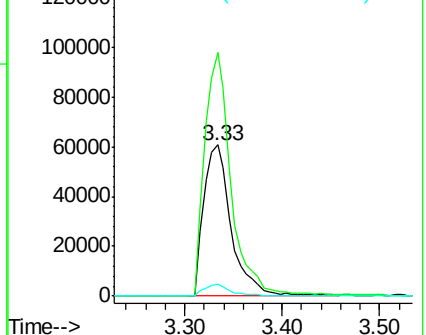
44 7.5 6.9 10.3

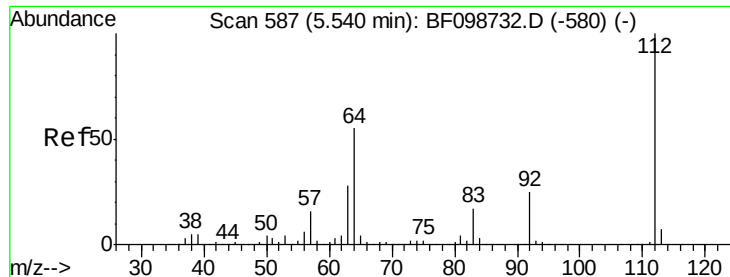


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 87.82 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

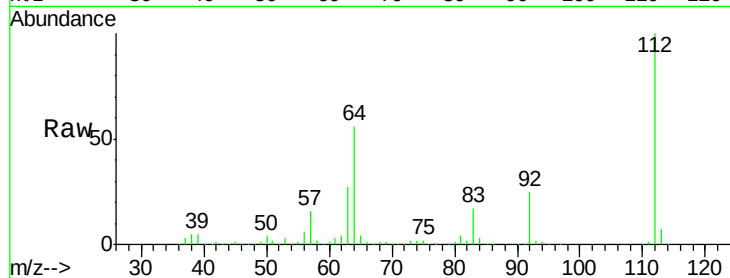
Tot Ion: 112 Resp: 510218

Ion Ratio Lower Upper

112 100

64 56.3 47.9 71.9

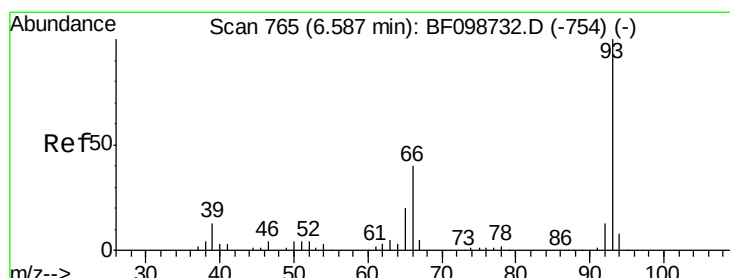
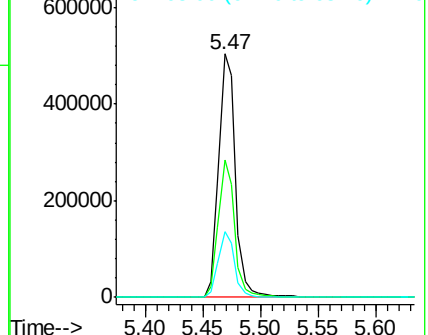
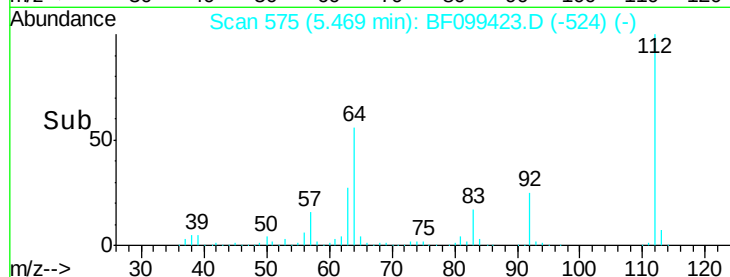
63 27.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.96 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

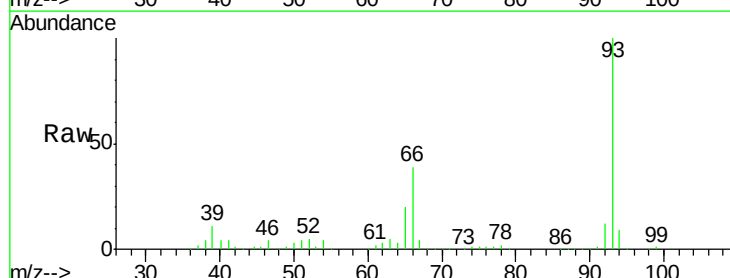
Tgt Ion: 93 Resp: 386558

Ion Ratio Lower Upper

93 100

66 39.4 32.2 48.2

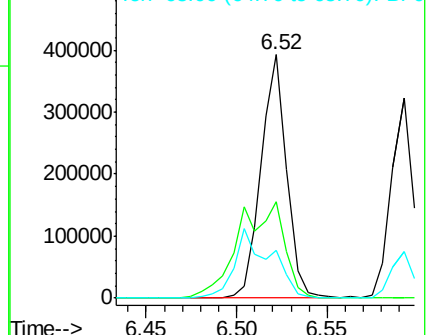
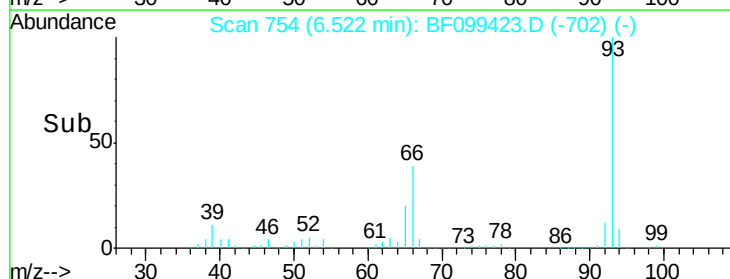
65 19.8 16.4 24.6

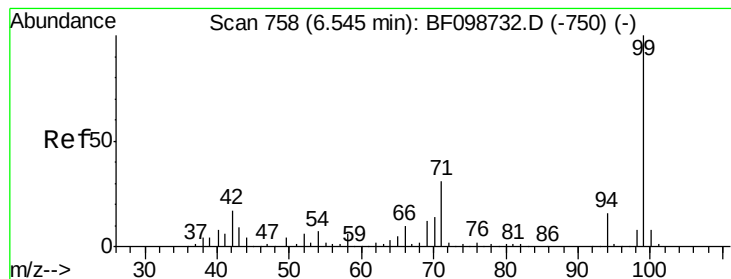


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.57 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

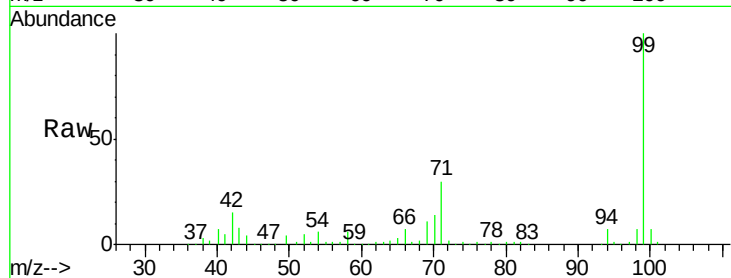
Tot Ion: 99 Resp: 606143

Ion Ratio Lower Upper

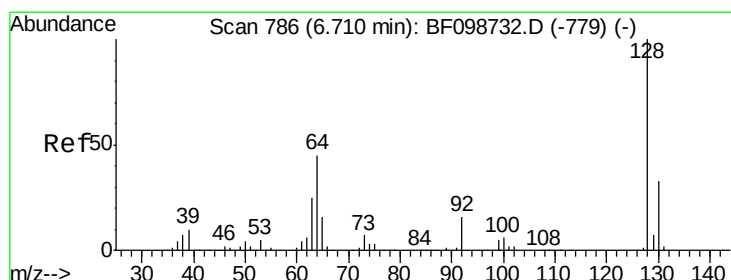
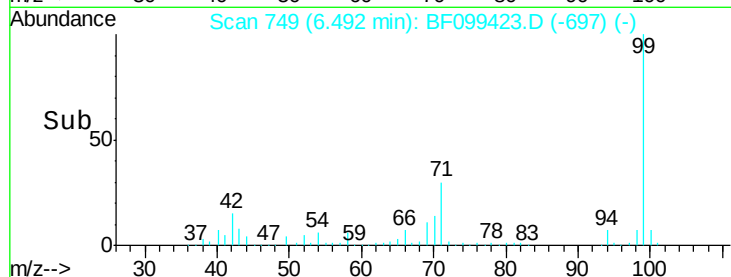
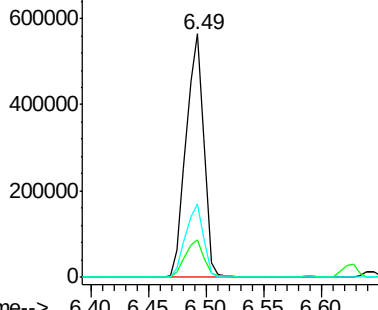
99 100

42 15.4 14.5 21.7

71 29.9 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: 43.20 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

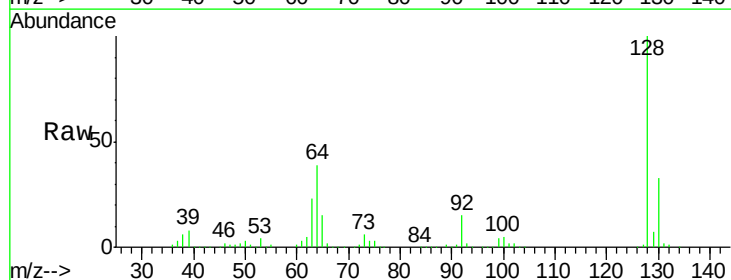
Tgt Ion: 128 Resp: 284238

Ion Ratio Lower Upper

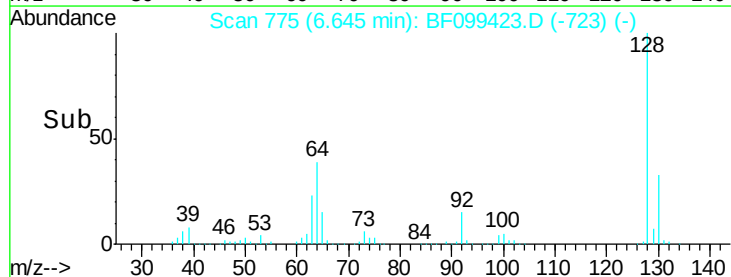
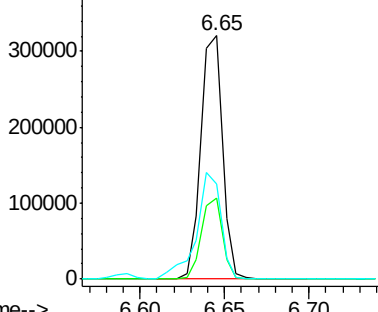
128 100

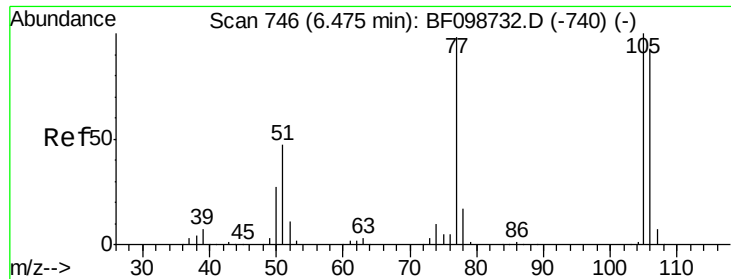
130 33.1 13.0 53.0

64 39.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

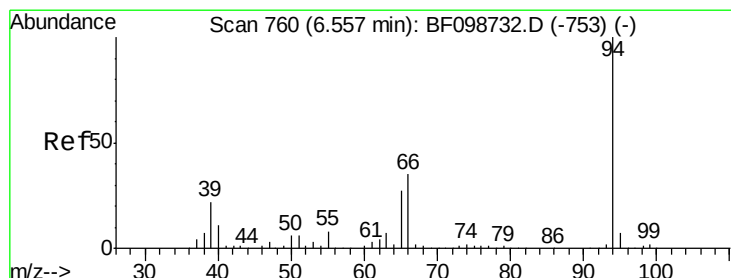
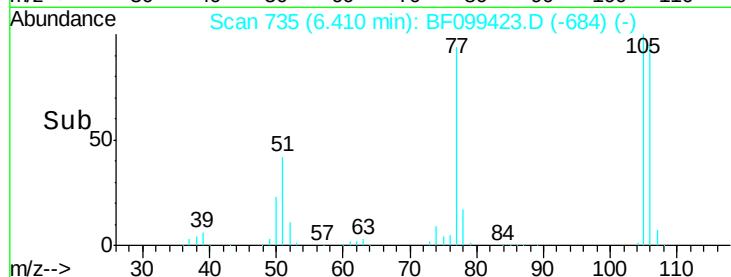
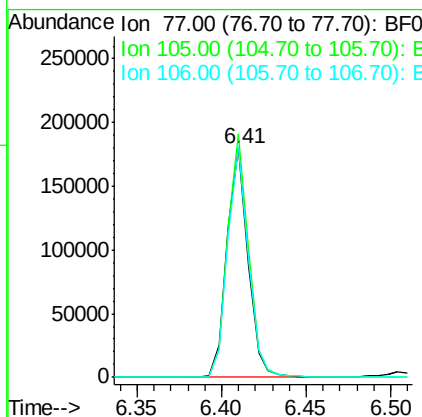
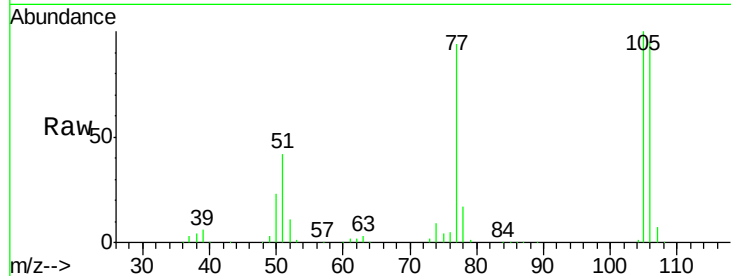




#9
Benzaldehyde
Concen: 37.46 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

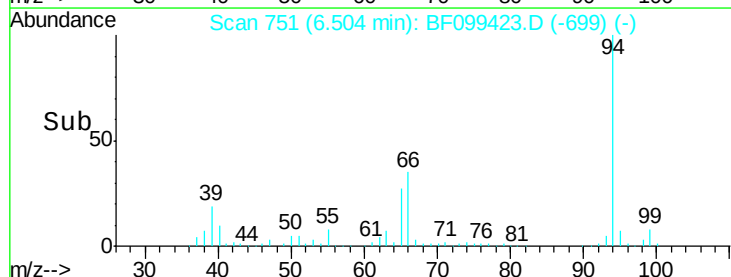
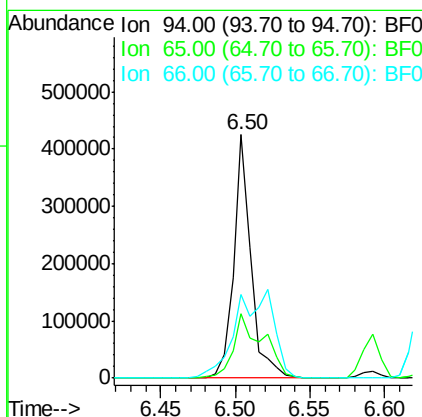
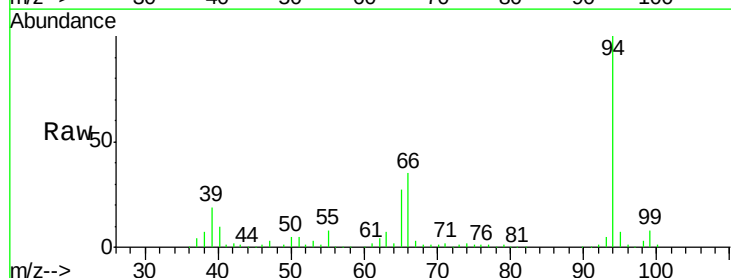
Instrument :
BNA_F
ClientSampled :

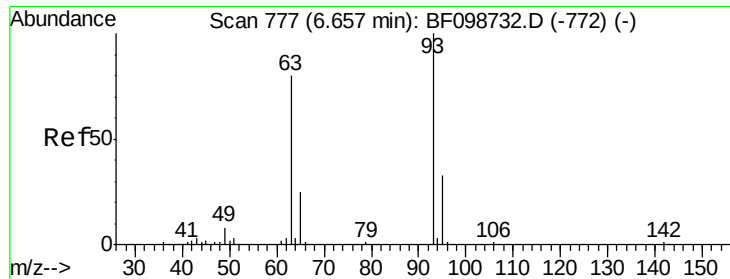
Tot Ion: 77 Resp: 155758
Ion Ratio Lower Upper
77 100
105 106.2 81.1 121.1
106 100.9 74.5 114.5



#10
Phenol
Concen: 43.52 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion: 94 Resp: 348849
Ion Ratio Lower Upper
94 100
65 26.6 7.9 47.9
66 34.5 16.2 56.2

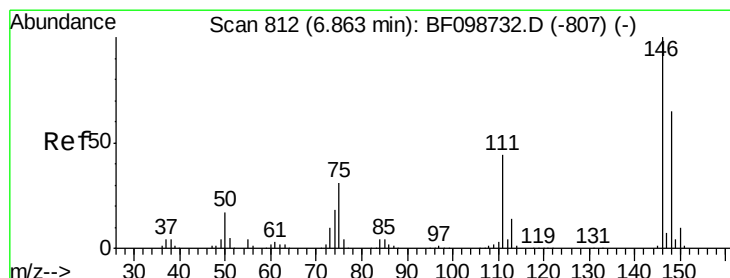
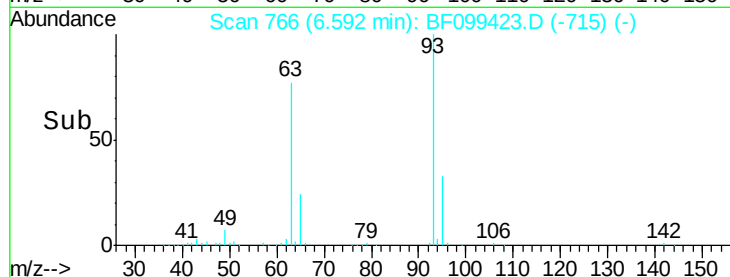
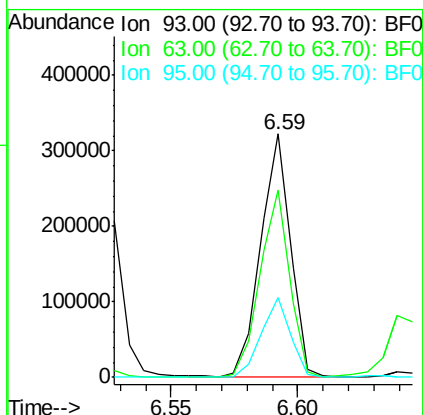
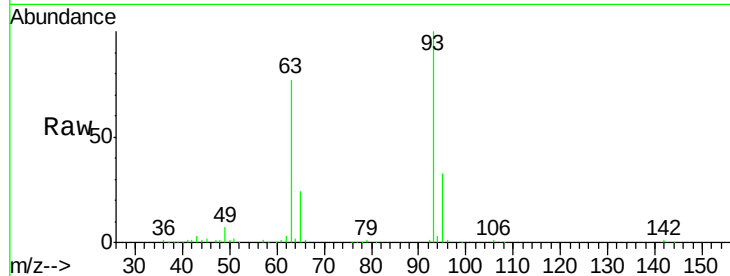




#11
bis(2-Chloroethyl)ether
Concen: 42.46 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

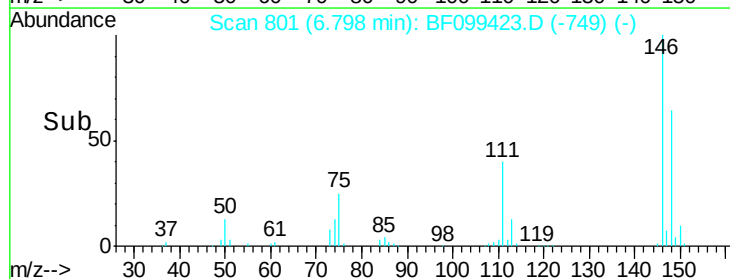
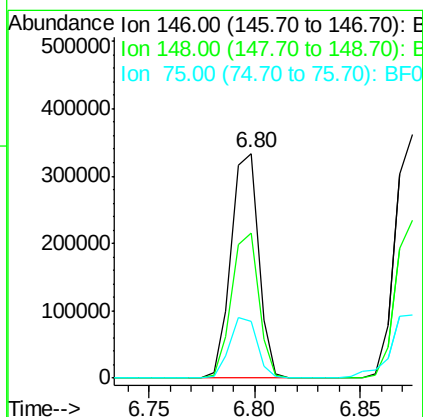
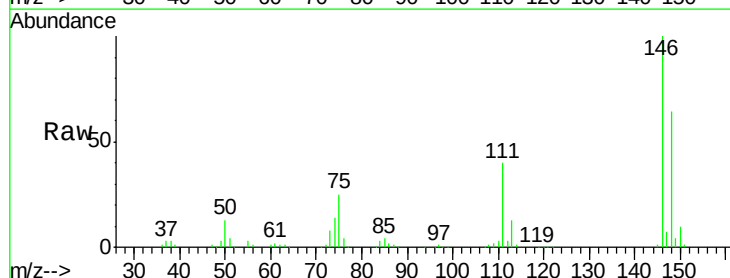
Instrument :
BNA_F
ClientSampleId :

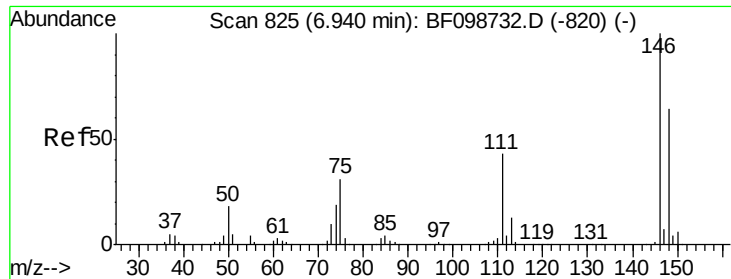
Tot Ion: 93 Resp: 264616
Ion Ratio Lower Upper
93 100
63 77.1 58.6 98.6
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.75 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion: 146 Resp: 301459
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 25.3 24.2 36.4

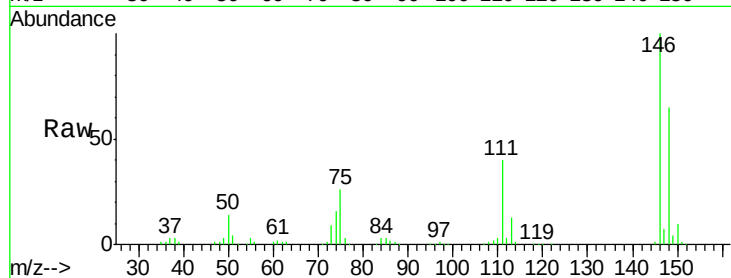




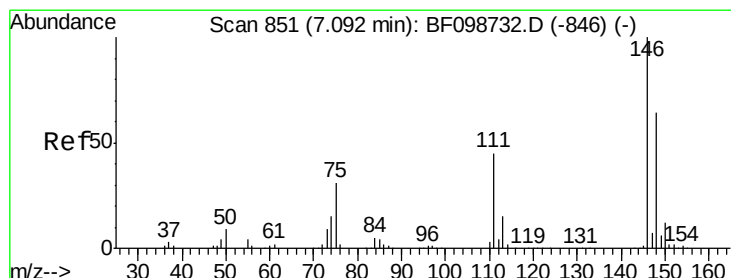
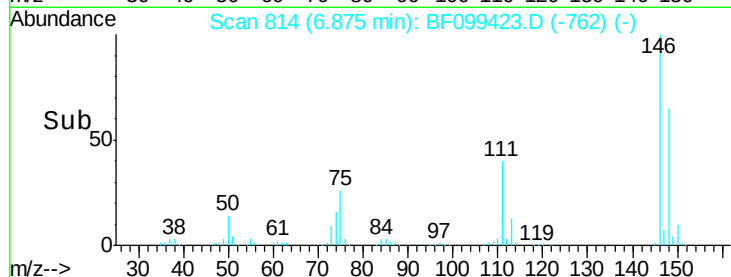
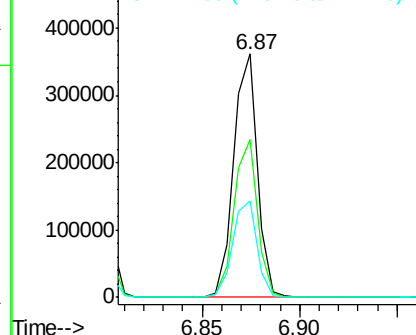
#13
 1,4-Dichlorobenzene
 Concen: 43.58 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF099423.D
 Acq: 13 Oct 2017 5:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 305538
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 39.6 34.2 51.2

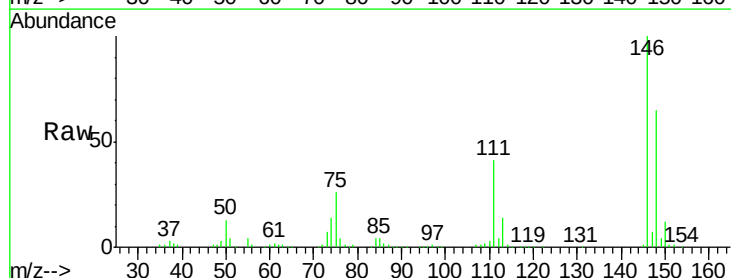


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

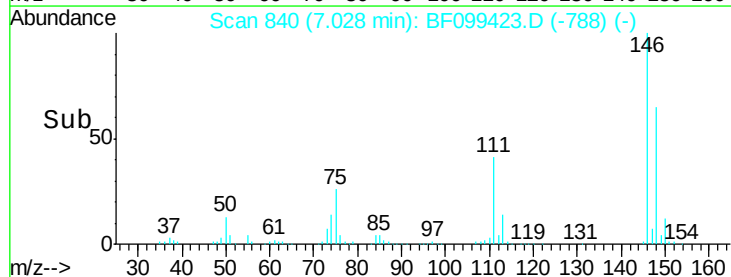
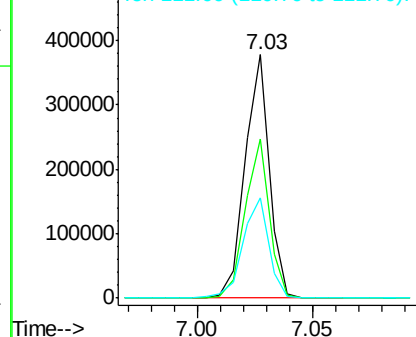


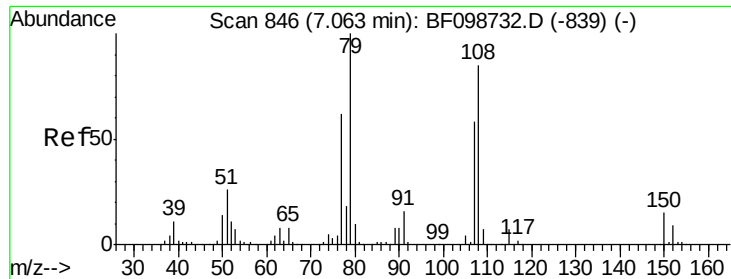
#14
 1,2-Dichlorobenzene
 Concen: 42.95 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF099423.D
 Acq: 13 Oct 2017 5:40

Tgt Ion:146 Resp: 278234
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.6 75.8
 111 41.4 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.06 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

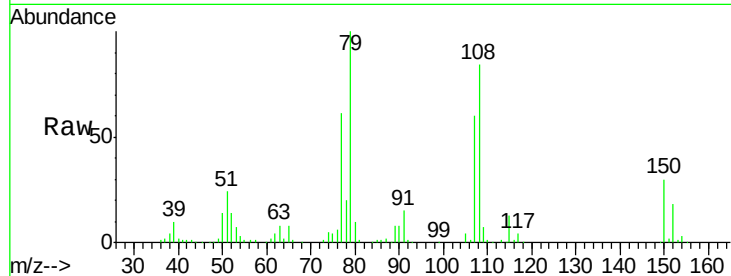
Tot Ion: 79 Resp: 194861

Ion Ratio Lower Upper

79 100

108 83.8 65.1 97.7

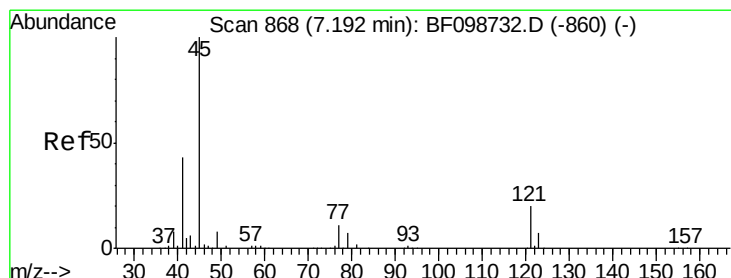
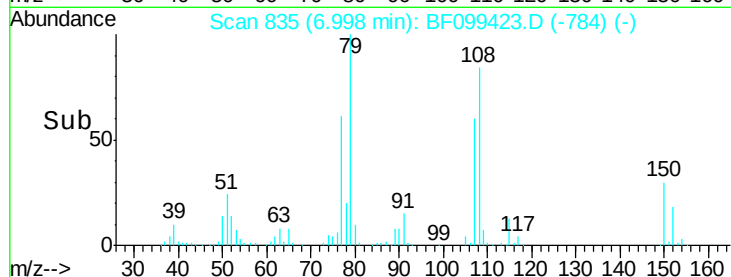
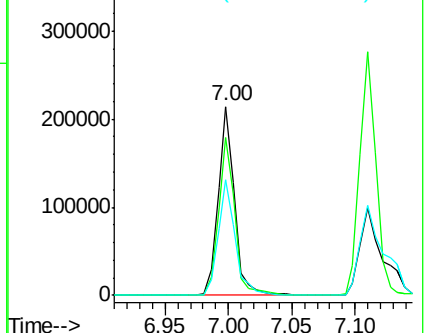
77 61.2 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.21 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

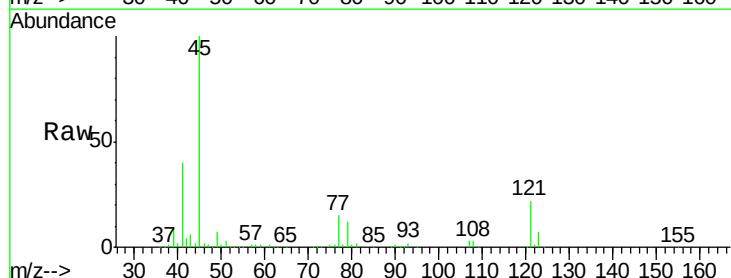
Tgt Ion: 45 Resp: 361278

Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.9

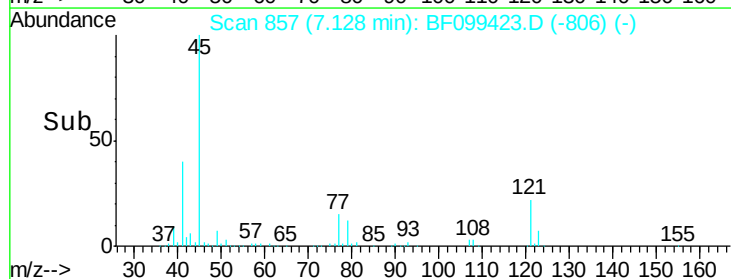
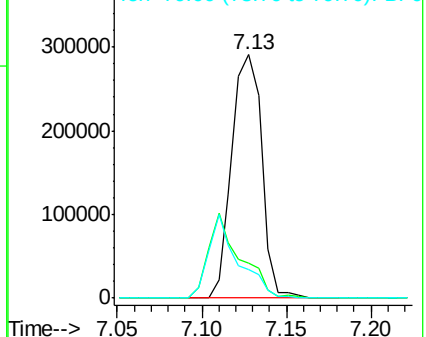
79 11.7 0.0 29.6

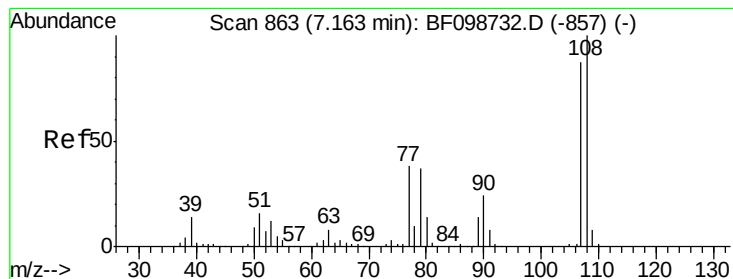


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

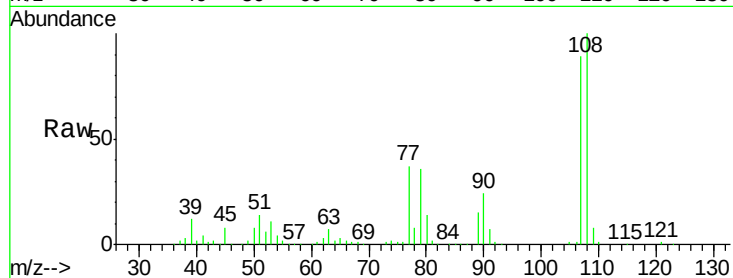




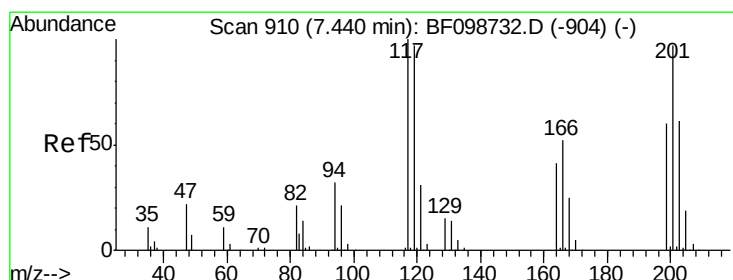
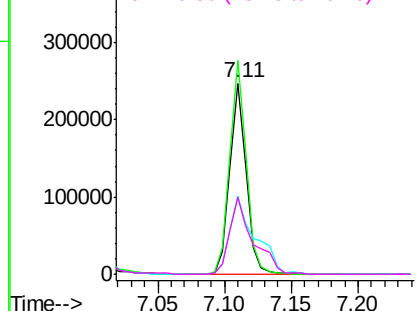
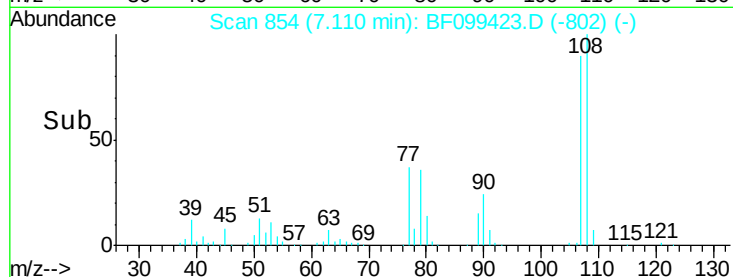
#17
2-Methylphenol
Concen: 40.54 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 218261
Ion Ratio Lower Upper
107 100
108 111.7 91.7 137.5
77 41.1 33.8 50.8
79 40.3 33.8 50.8

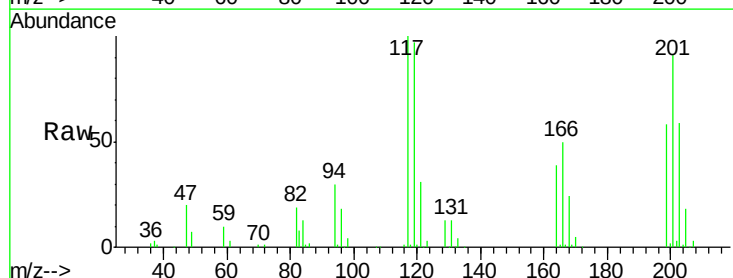


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

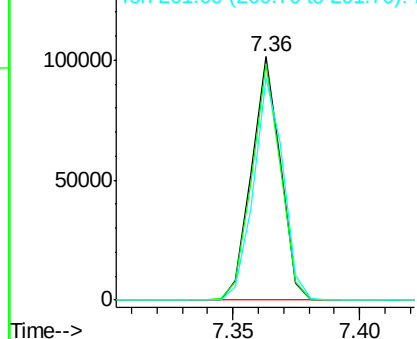
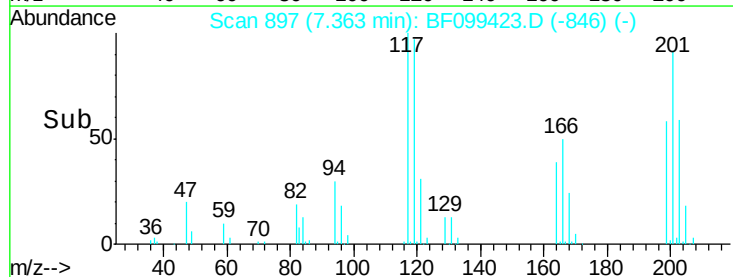


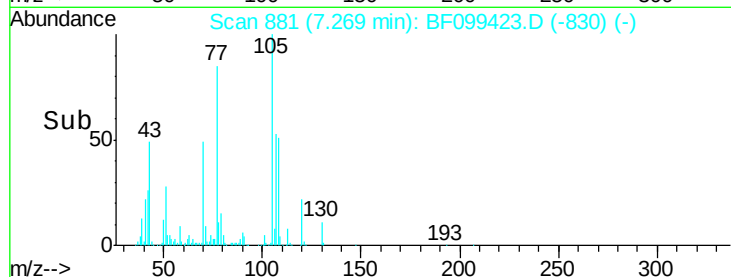
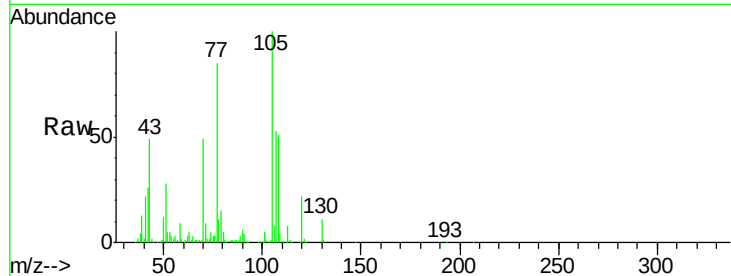
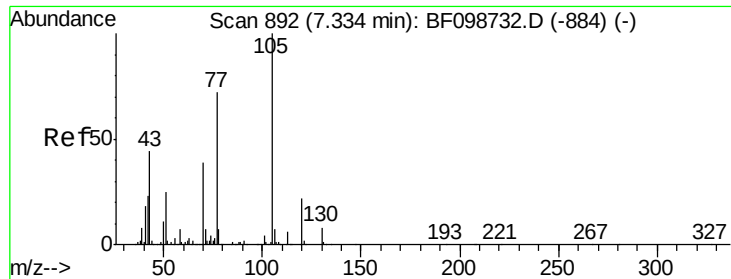
#18
Hexachloroethane
Concen: 31.96 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion:117 Resp: 80531
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8
201 91.4 75.7 113.5



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

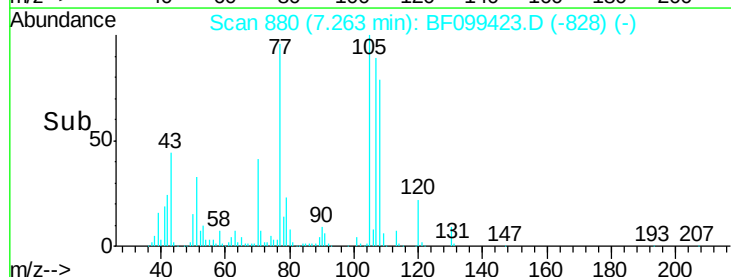
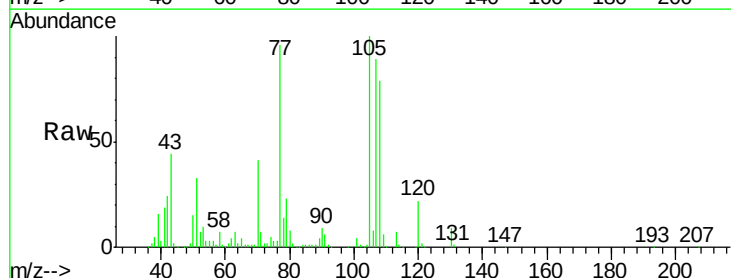
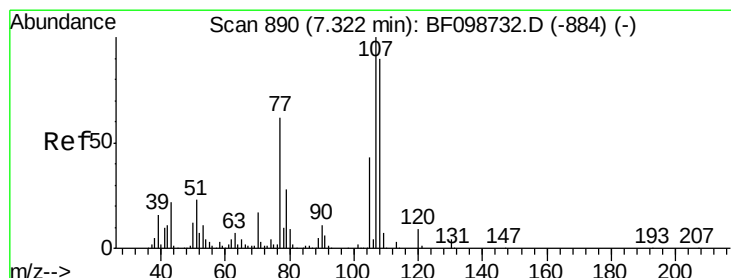
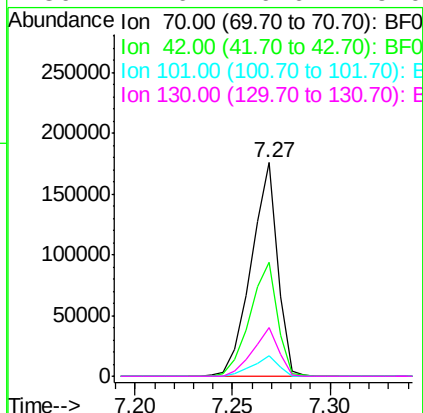




#19
n-Nitroso-di-n-propylamine
Concen: 35.98 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

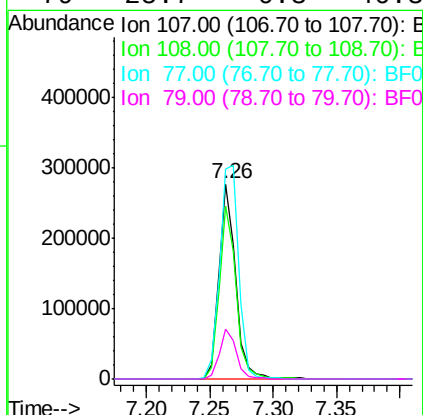
Instrument :
BNA_F
ClientSampled :

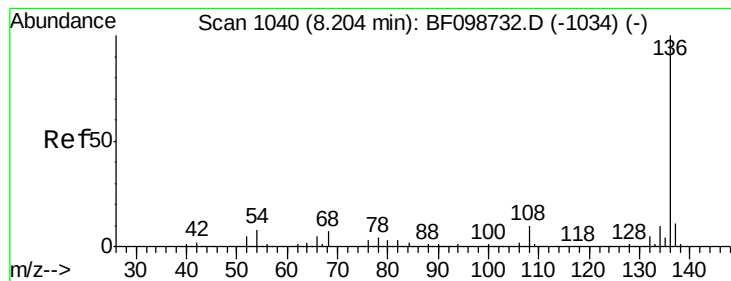
Tot Ion:	70	Resp:	164665
Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	9.7	7.4	11.2
130	22.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.94 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion:	107	Resp:	258390
Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.2	108.2
77	107.5	26.7	66.7#
79	25.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 358302

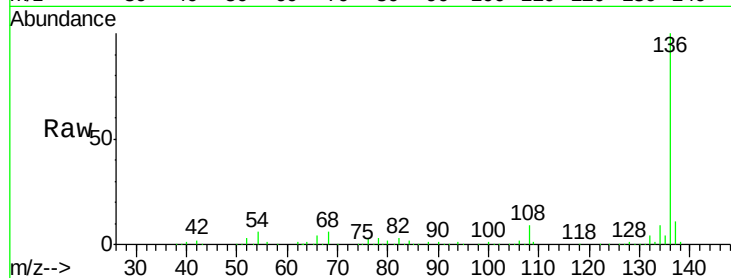
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.5 6.6 9.8#

68 5.6 5.0 7.4

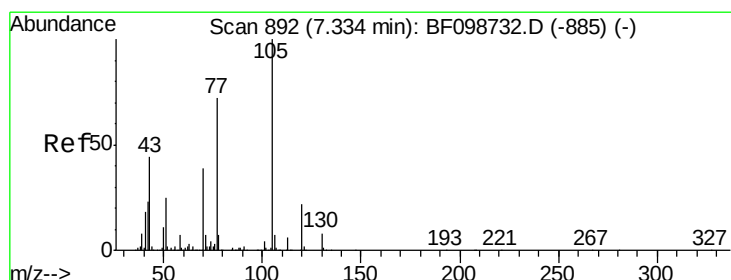
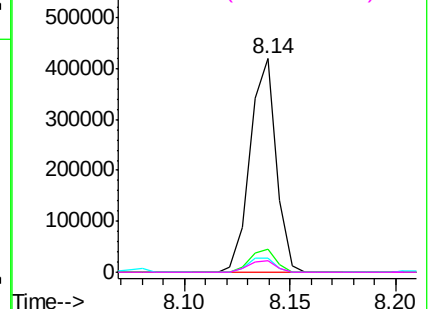
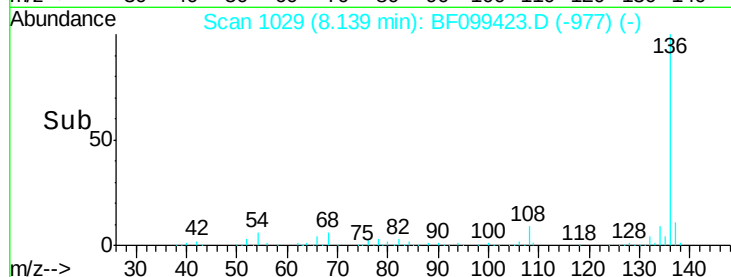


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.69 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Tgt Ion:105 Resp: 353215

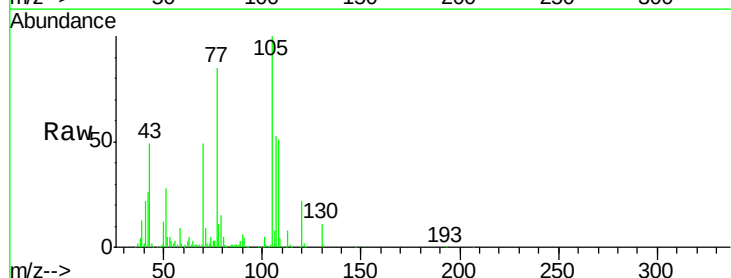
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 27.7 22.3 33.5

120 21.7 16.9 25.3

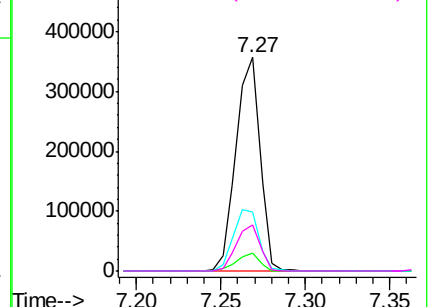
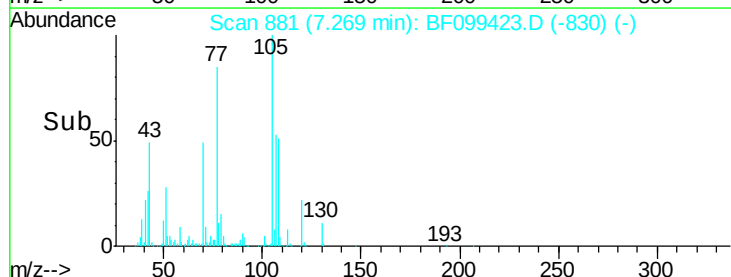


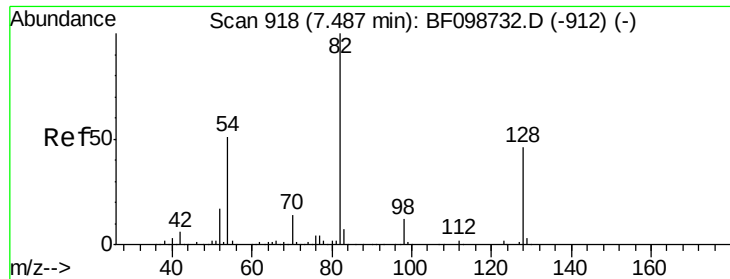
Abundance Ion 105.00 (104.70 to 105.70): E

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

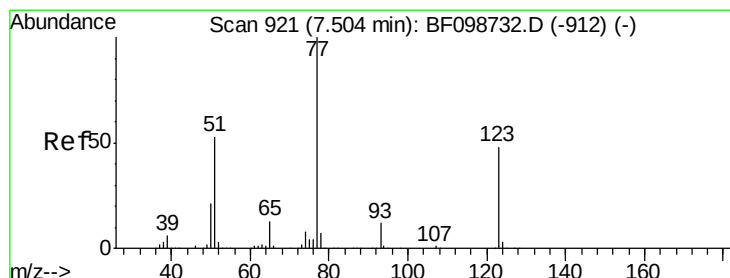
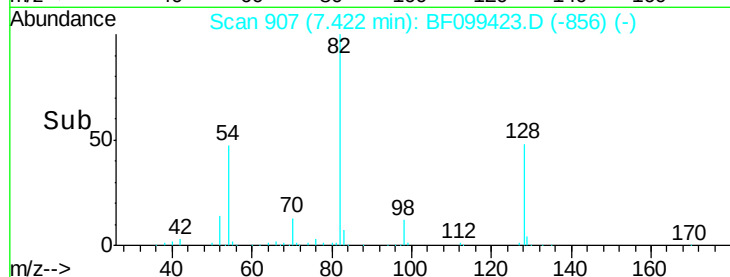
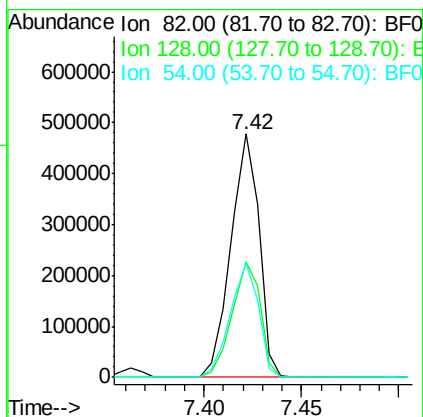
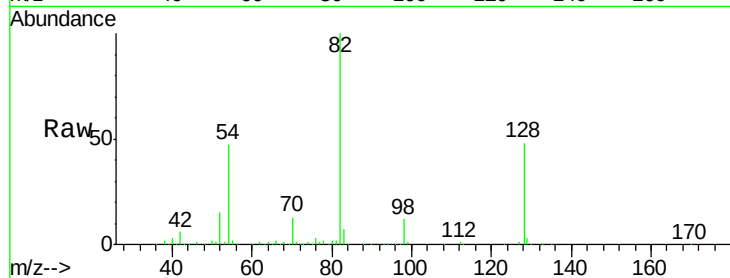




#23
 Nitrobenzene-d5
 Concen: 85.71 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099423.D
 Acq: 13 Oct 2017 5:40

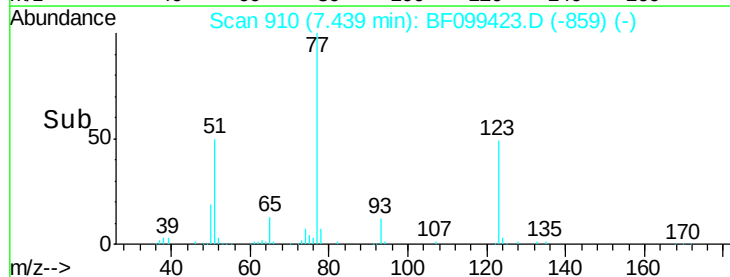
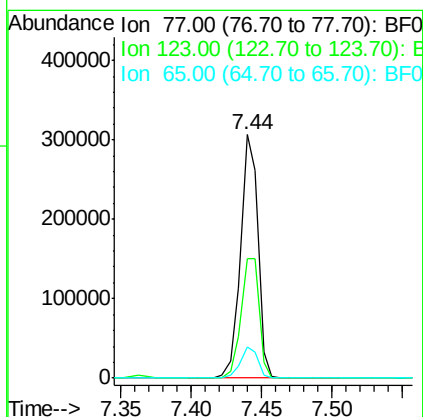
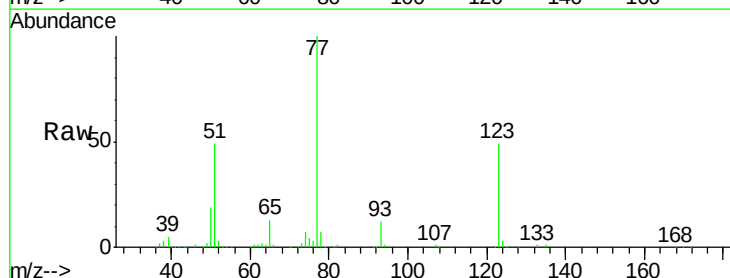
Instrument :
 BNA_F
 ClientSampleId :

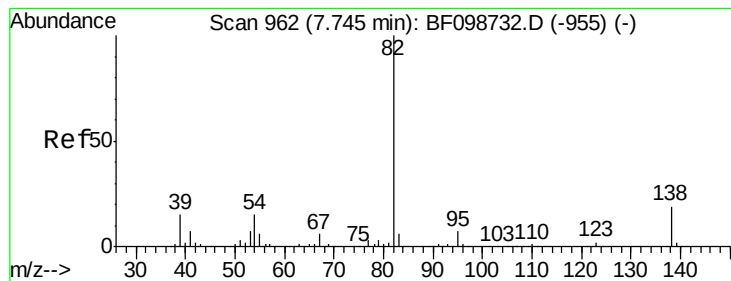
Tot Ion: 82 Resp: 478868
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.1 54.1
 54 47.1 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.56 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF099423.D
 Acq: 13 Oct 2017 5:40

Tgt Ion: 77 Resp: 263404
 Ion Ratio Lower Upper
 77 100
 123 49.1 37.9 56.9
 65 12.8 11.0 16.4





#25

Isophorone

Concen: 39.71 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

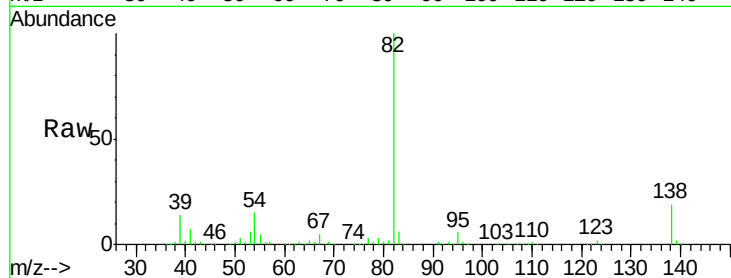
Tot Ion: 82 Resp: 458739

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

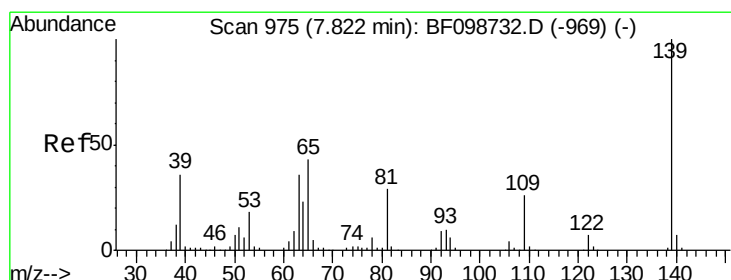
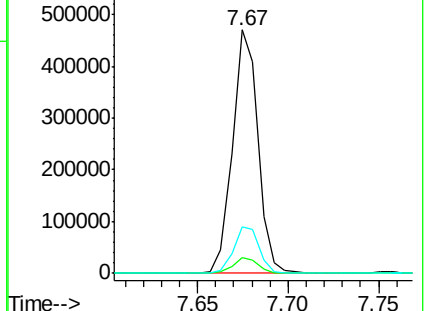
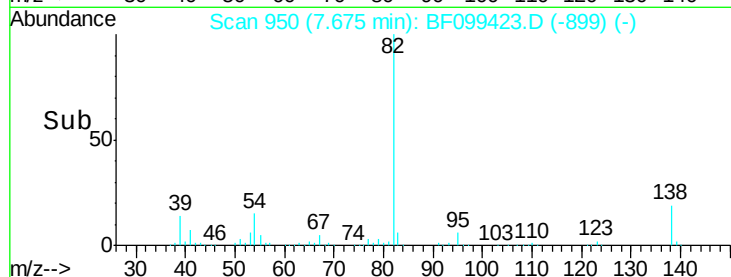
138 18.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 34.53 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

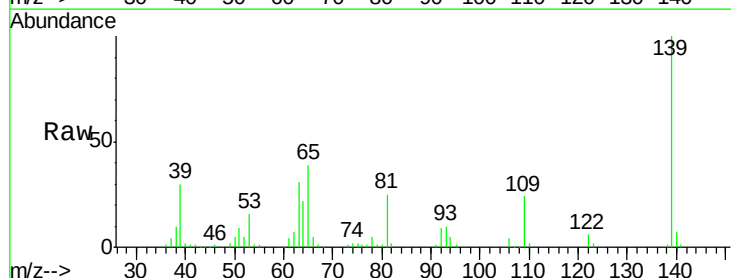
Tgt Ion: 139 Resp: 105249

Ion Ratio Lower Upper

139 100

109 23.7 22.7 34.1

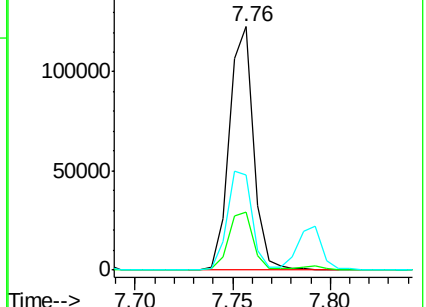
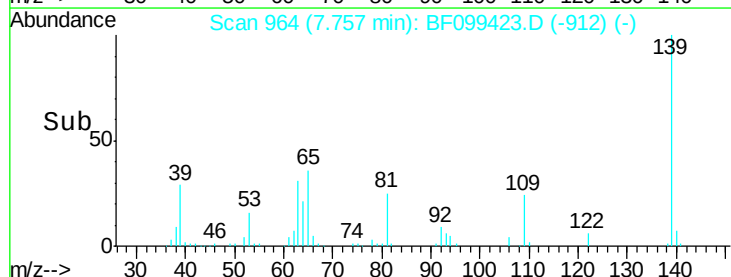
65 39.3 40.5 60.7#

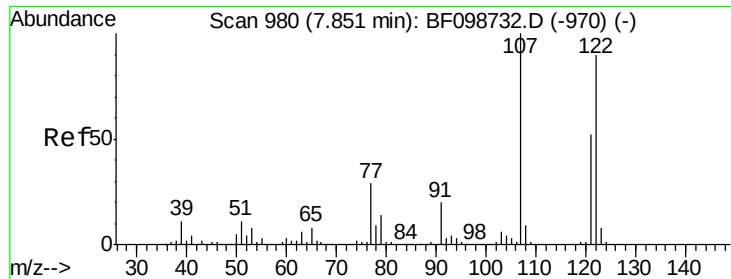


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.55 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampled :

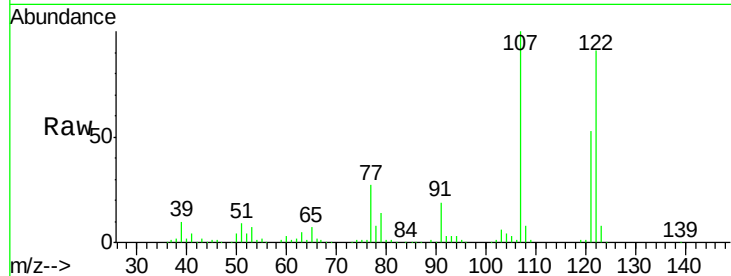
Tot Ion:122 Resp: 227615

Ion Ratio Lower Upper

122 100

107 110.3 91.2 136.8

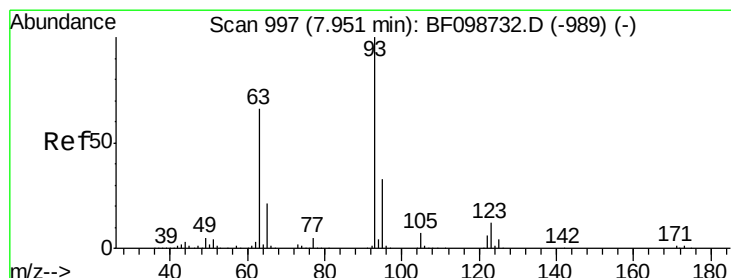
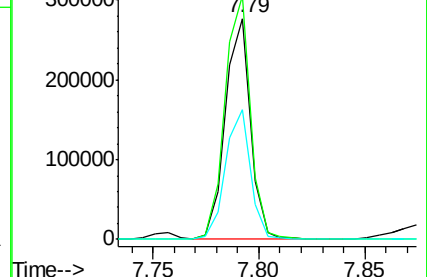
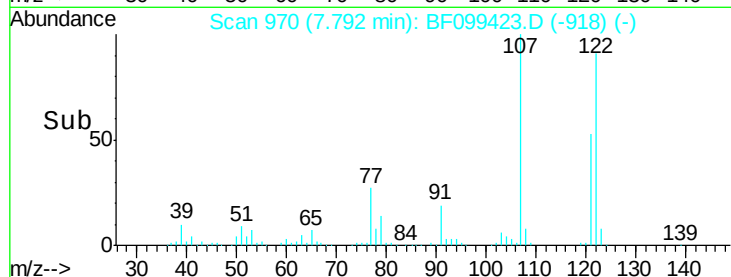
121 58.6 47.2 70.8



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: 43.01 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

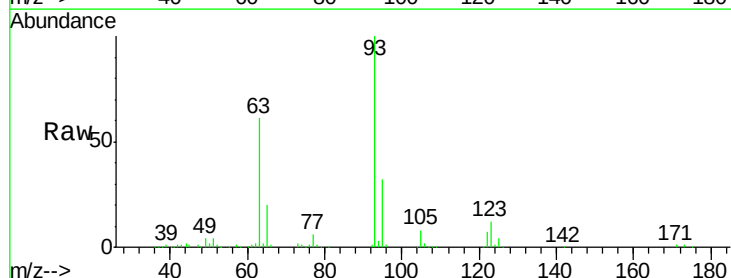
Tgt Ion: 93 Resp: 309608

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

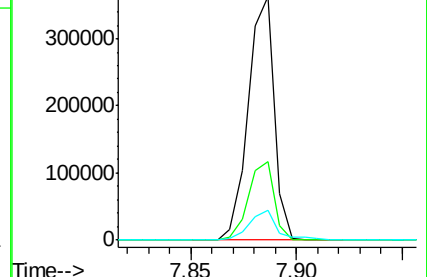
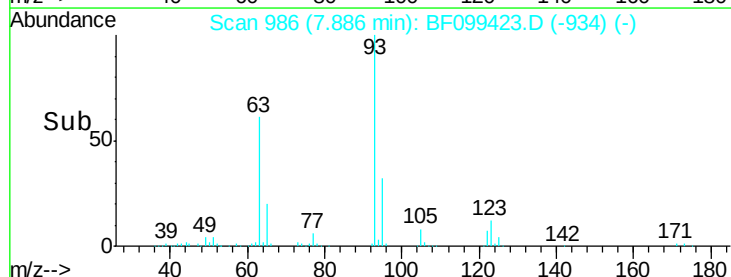
123 12.1 9.8 14.6

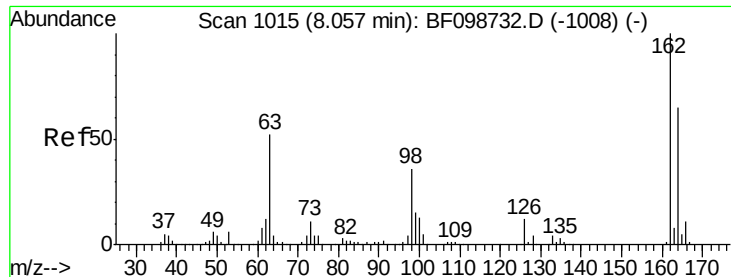


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

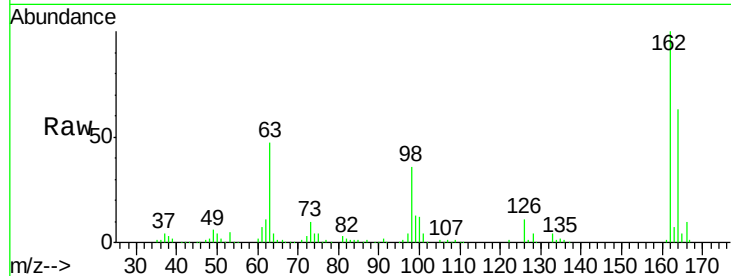




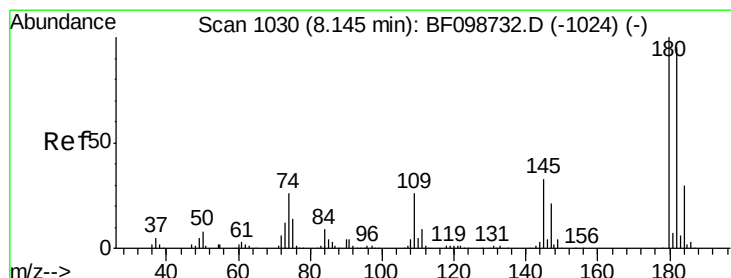
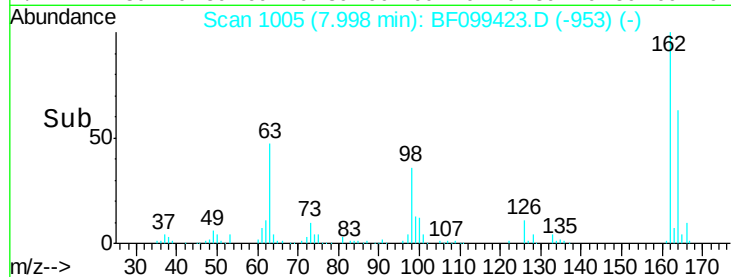
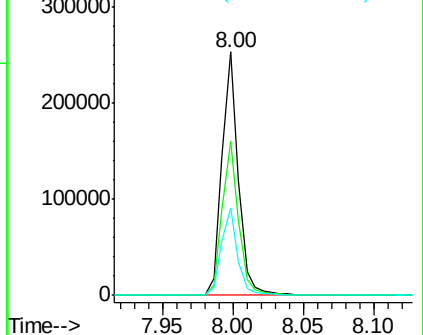
#29
2,4-Dichlorophenol
Concen: 41.34 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	36.0	18.1	58.1

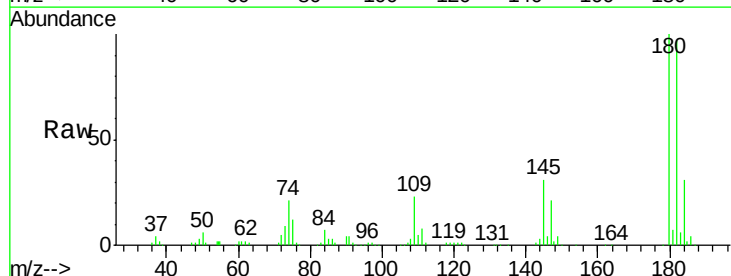


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

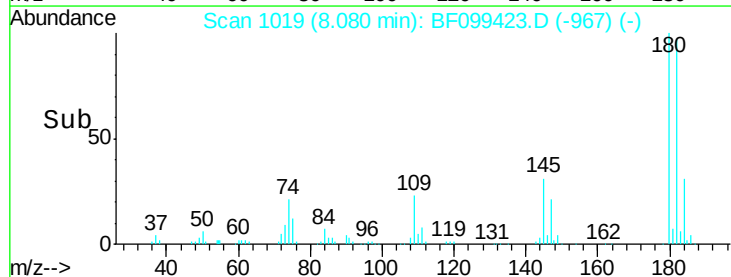
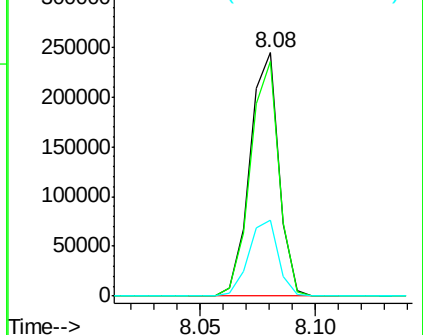


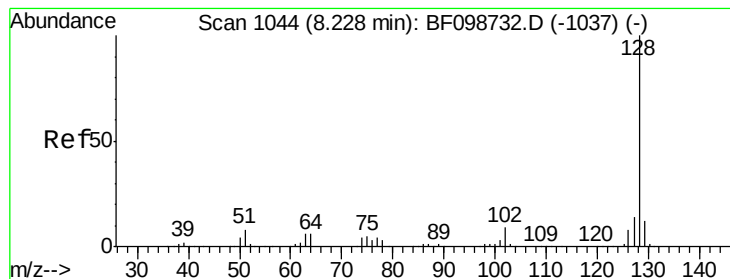
#30
1,2,4-Trichlorobenzene
Concen: 43.38 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.8	115.2
145	31.4	26.5	39.7



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





#31

Naphthalene

Concen: 41.79 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

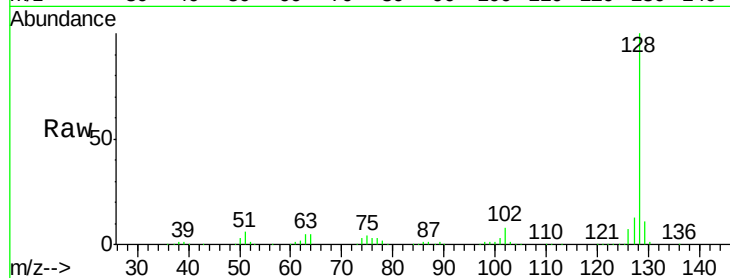
Tot Ion:128 Resp: 703199

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

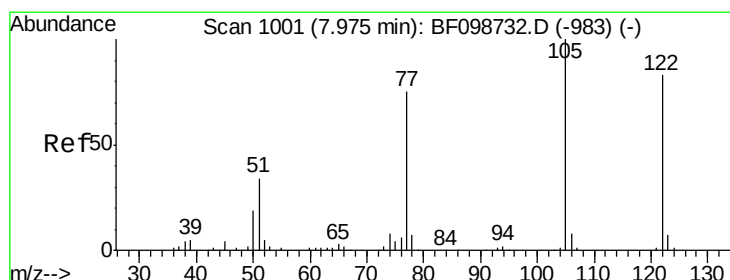
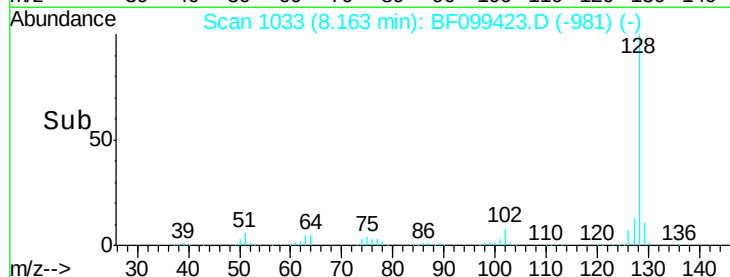
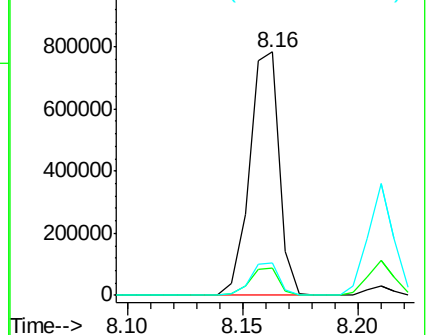
127 13.1 10.9 16.3



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: 22.49 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

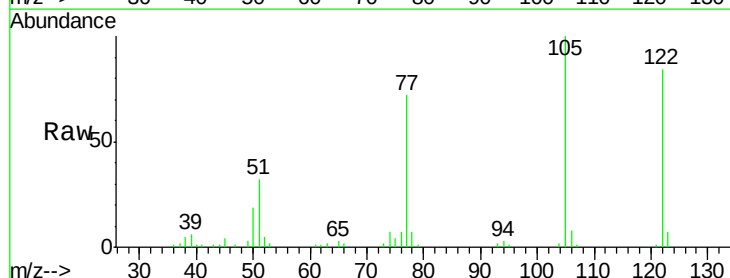
Tgt Ion:122 Resp: 106339

Ion Ratio Lower Upper

122 100

105 119.3 101.1 141.1

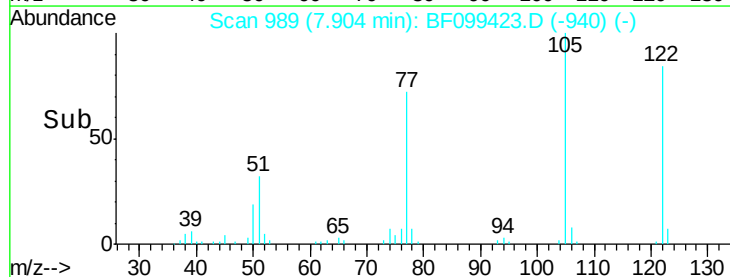
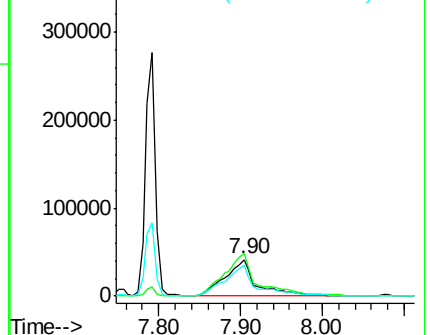
77 85.6 70.7 110.7

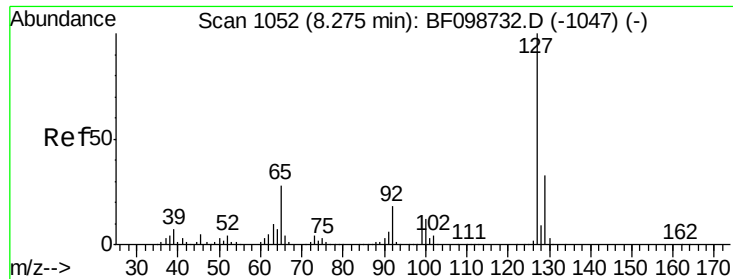


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

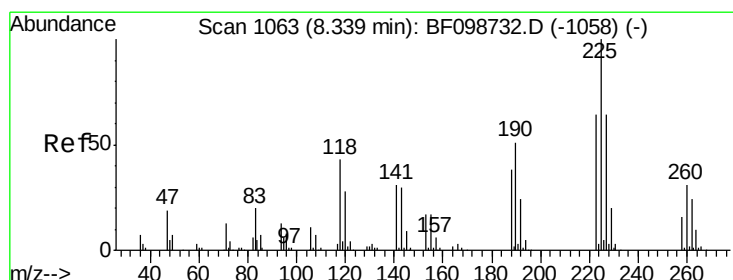
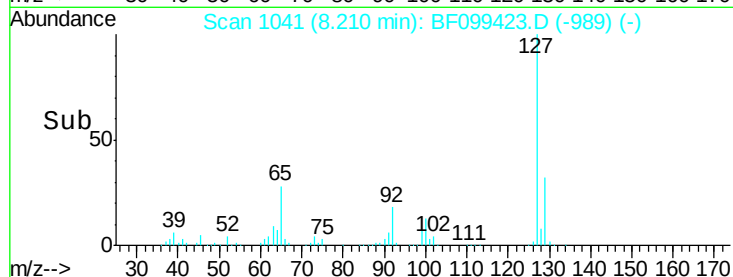
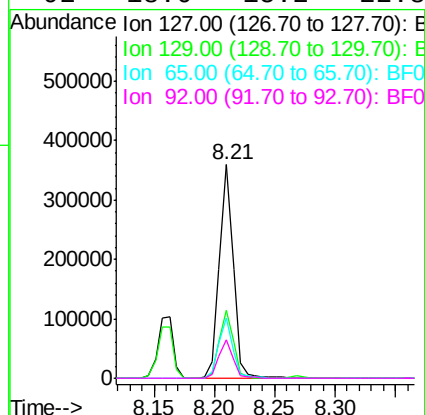
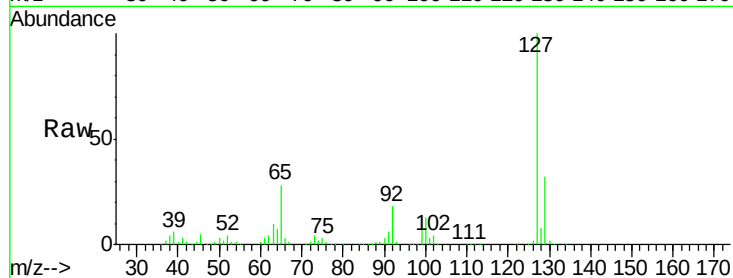




#33
4-Chloroaniline
Concen: 40.42 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

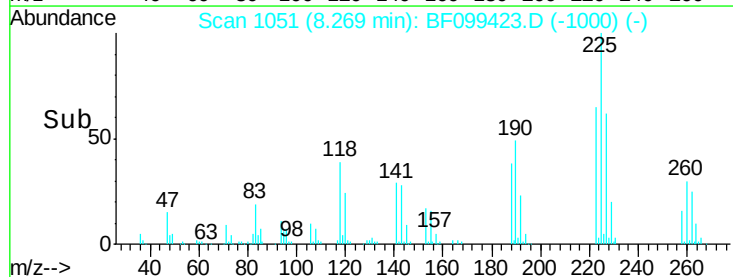
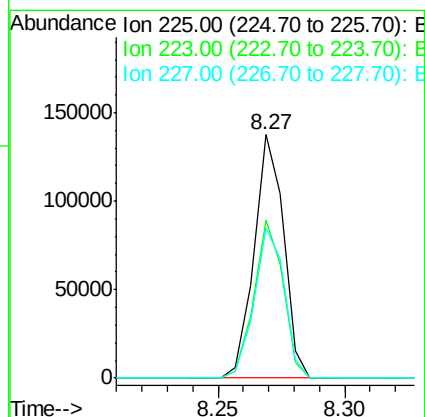
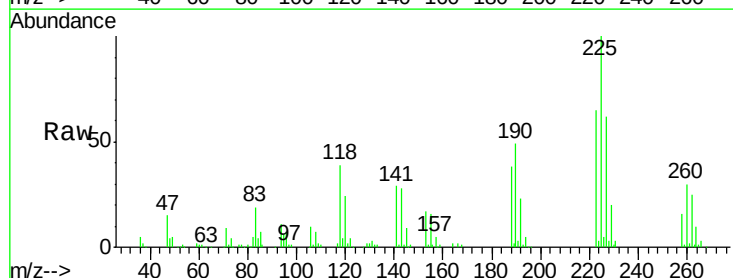
Instrument :
BNA_F
ClientSampled :

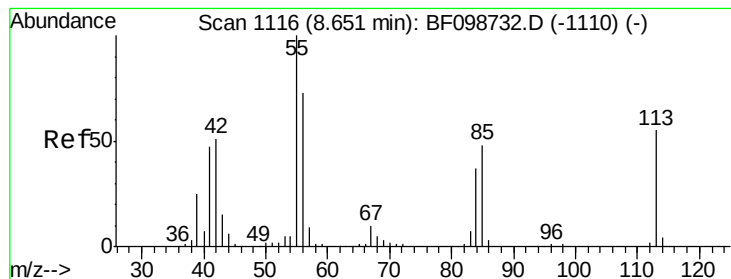
Tot Ion:	127	Resp:	284043
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	28.0	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.84 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion:	225	Resp:	111602
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	61.7	51.9	77.9





#35

Caprolactam

Concen: 36.09 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampled :

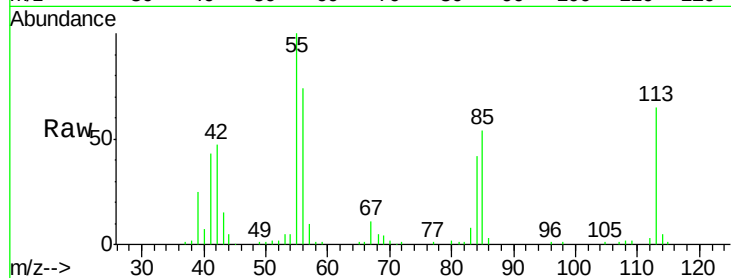
Tot Ion:113 Resp: 57205

Ion Ratio Lower Upper

113 100

55 154.8 163.3 203.3#

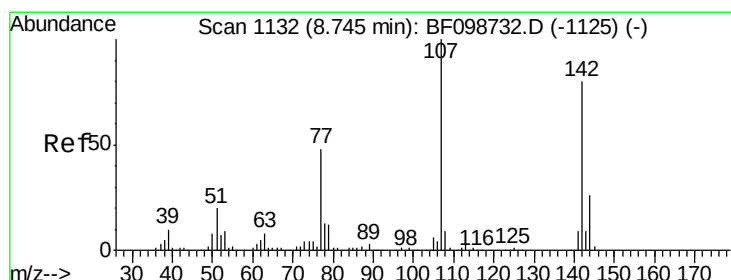
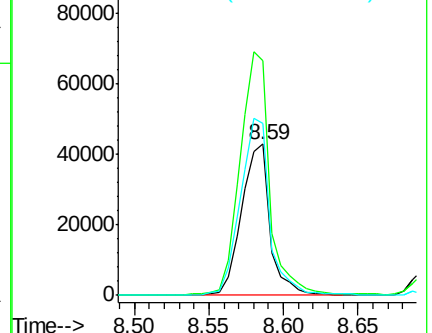
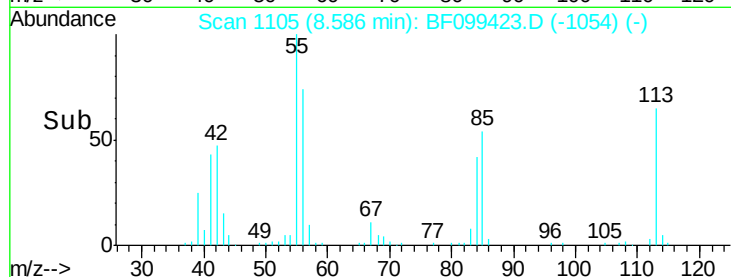
56 113.9 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.27 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

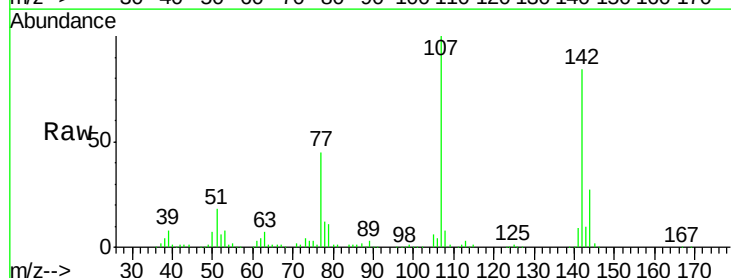
Tgt Ion:107 Resp: 201433

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

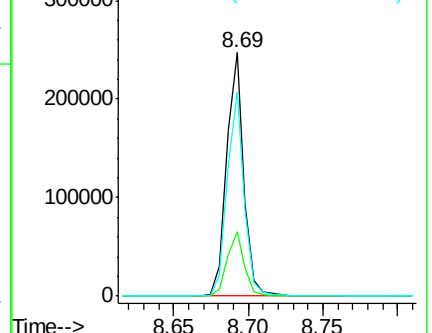
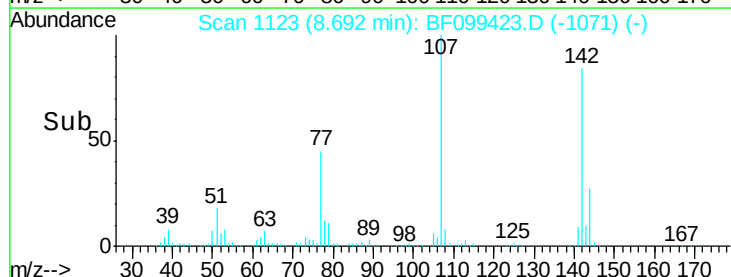
142 83.7 62.0 93.0

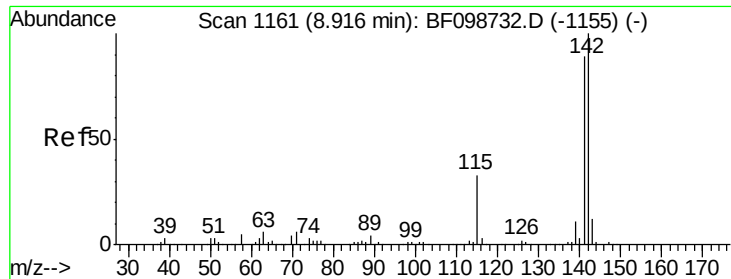


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

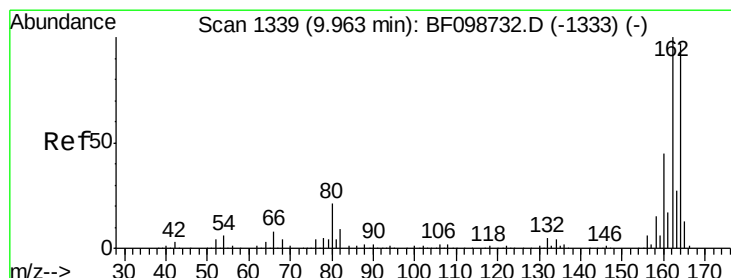
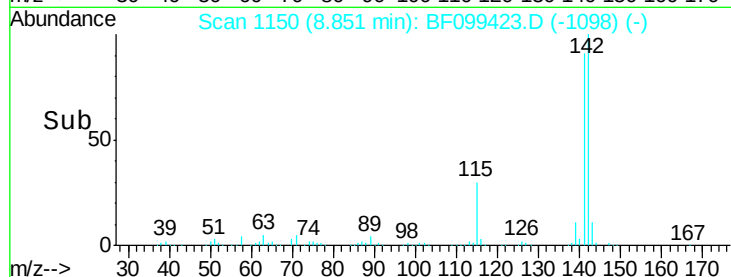
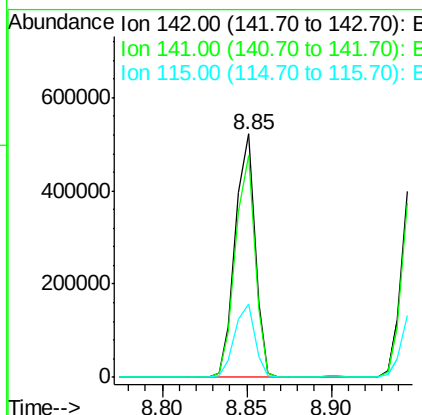
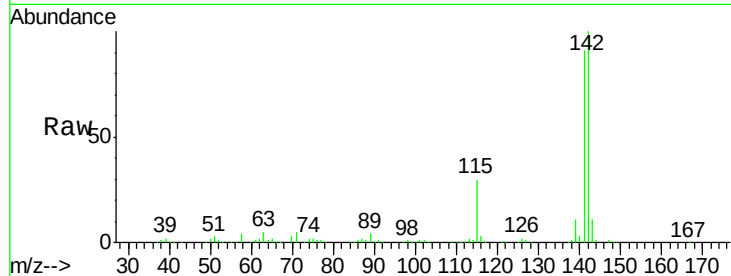




#37
2-Methylnaphthalene
Concen: 39.09 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

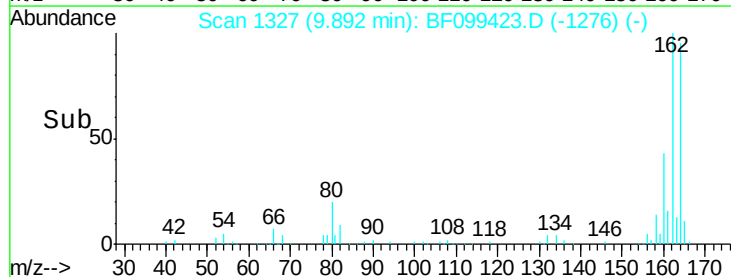
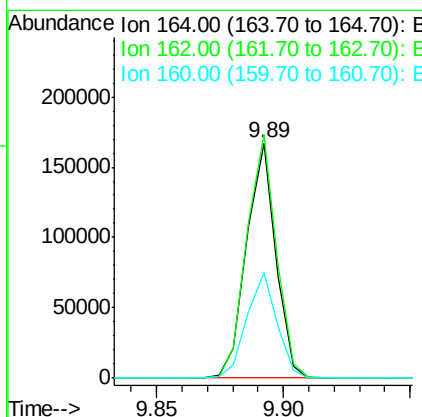
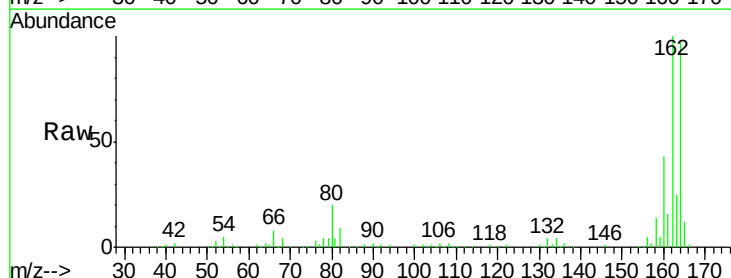
Instrument :
BNA_F
ClientSampleId :

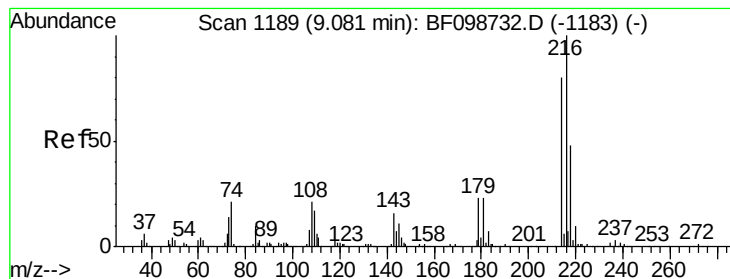
Tot Ion:142 Resp: 427604
Ion Ratio Lower Upper
142 100
141 91.1 70.8 106.2
115 30.2 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion:164 Resp: 133922
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 45.0 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.08 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 196031

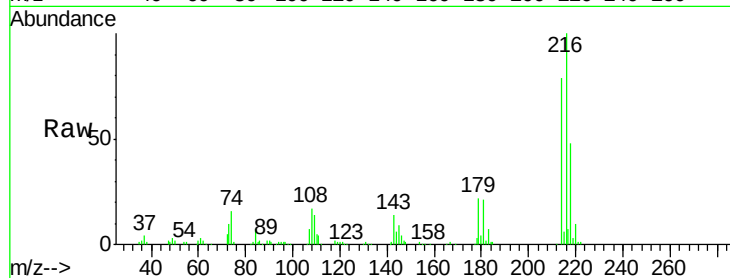
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	22.2	18.1	27.1
108	17.9	17.2	25.8

216 100

214 79.0 63.0 94.4

179 22.2 18.1 27.1

108 17.9 17.2 25.8

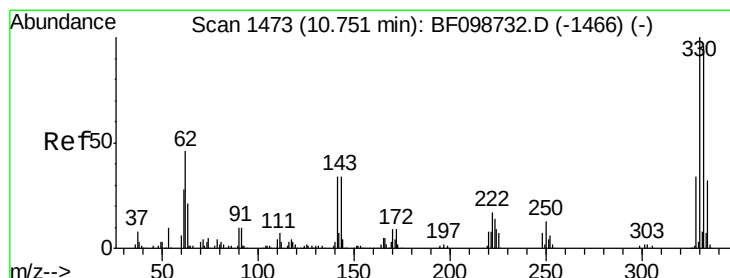
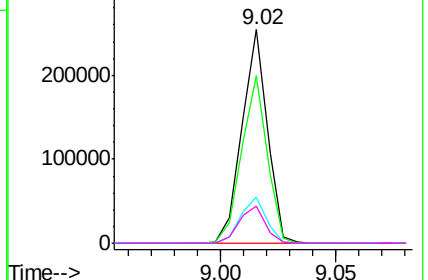
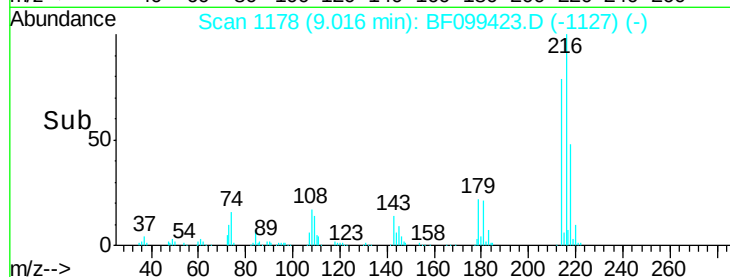


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 78.15 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

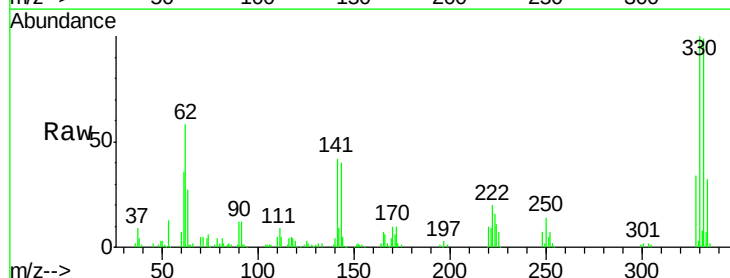
Tgt Ion:330 Resp: 85635

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	39.5	29.9	44.9

330 100

332 97.8 77.0 115.6

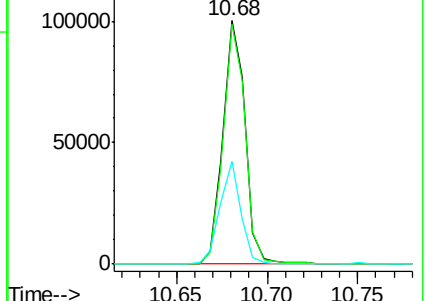
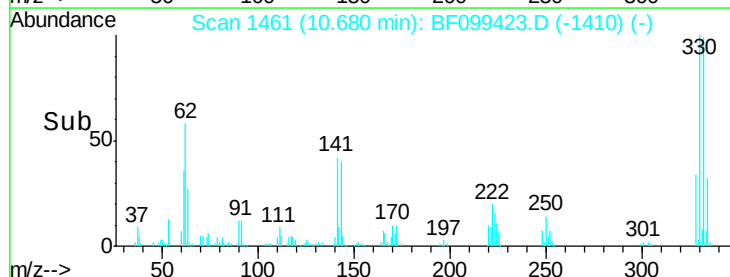
141 39.5 29.9 44.9

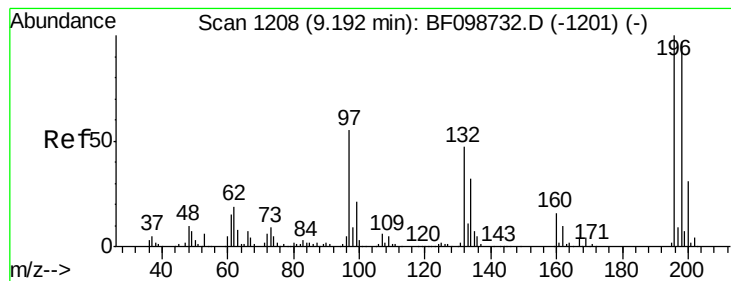


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 42.48 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampled :

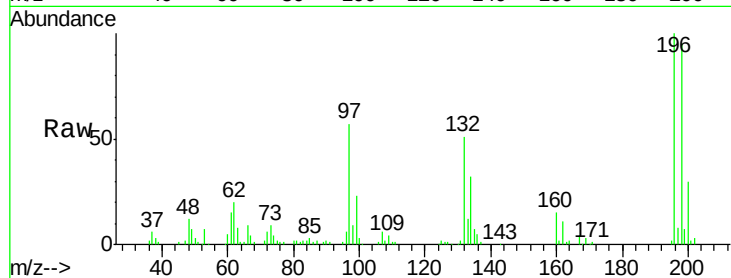
Tot Ion:196 Resp: 120202

Ion Ratio Lower Upper

196 100

198 95.2 75.7 113.5

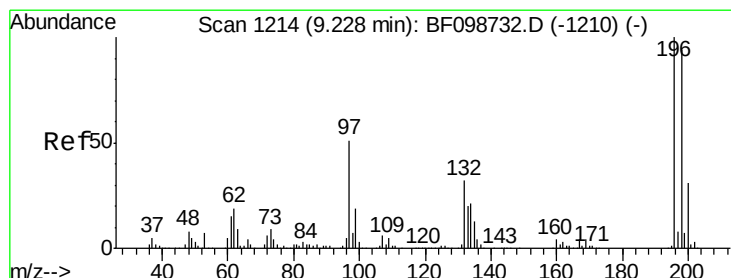
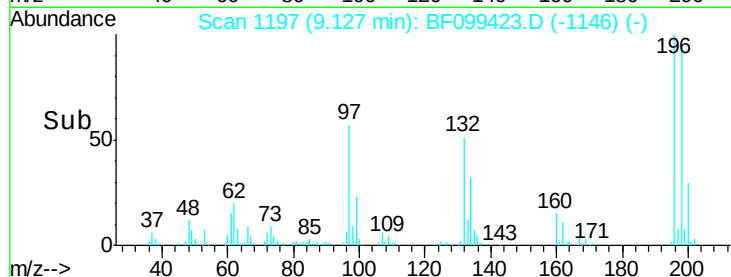
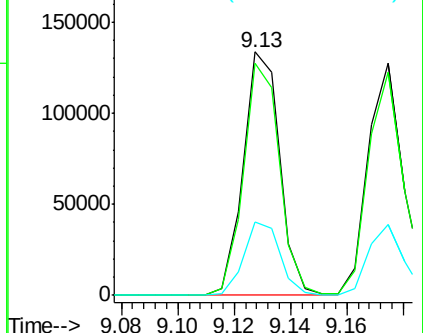
200 29.9 24.5 36.7



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: 40.70 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Tgt Ion:196 Resp: 114963

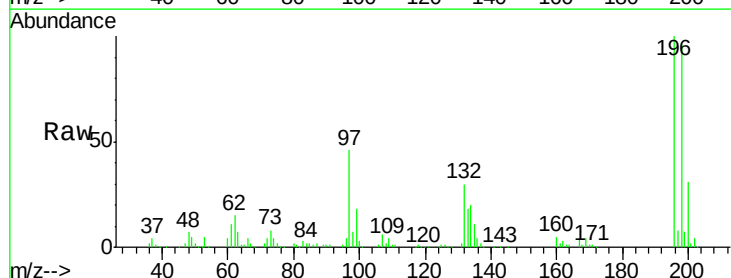
Ion Ratio Lower Upper

196 100

198 96.4 74.6 112.0

97 45.7 42.9 64.3

132 29.8 26.3 39.5

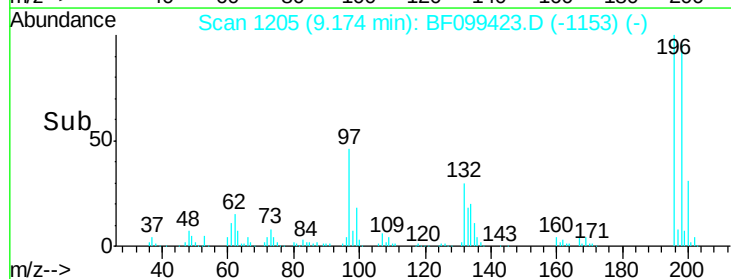
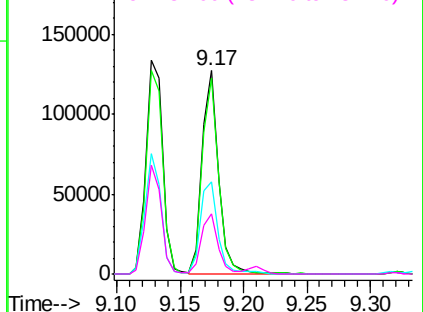


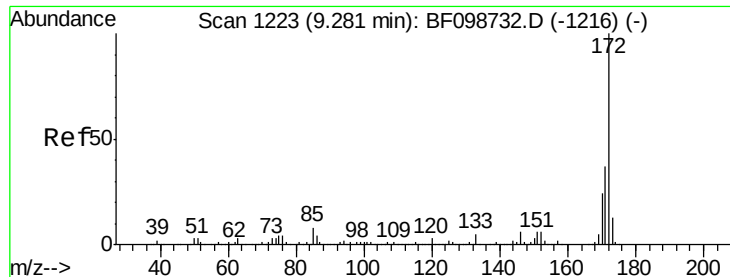
Abundance Ion 196.00 (195.70 to 196.70): E

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: 100.93 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

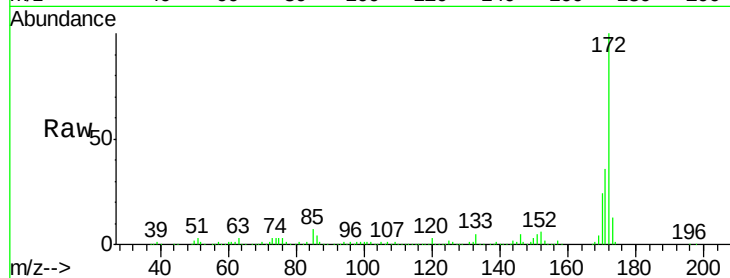
Tot Ion:172 Resp: 809629

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

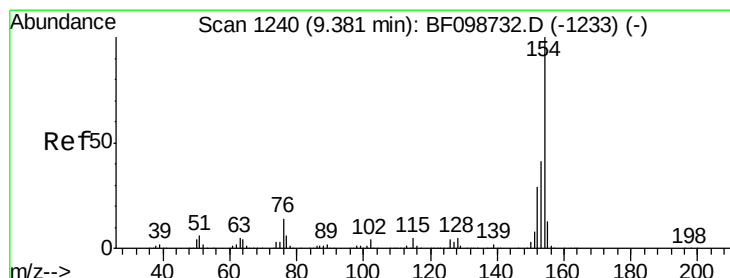
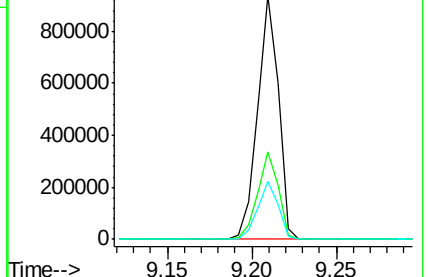
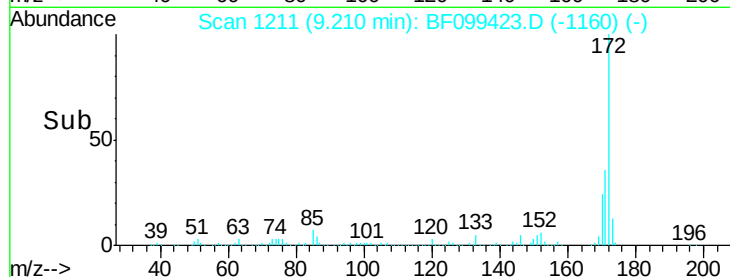
170 23.8 19.6 29.4



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: 46.91 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

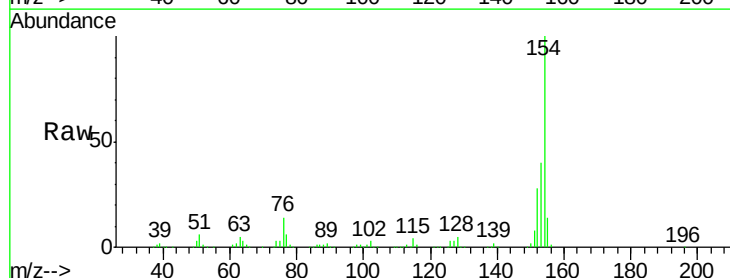
Tgt Ion:154 Resp: 539868

Ion Ratio Lower Upper

154 100

153 40.3 21.3 61.3

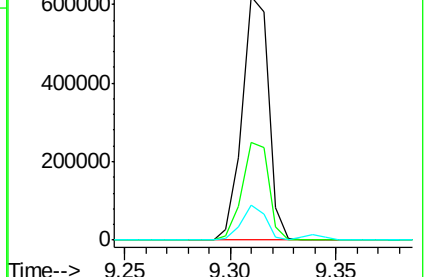
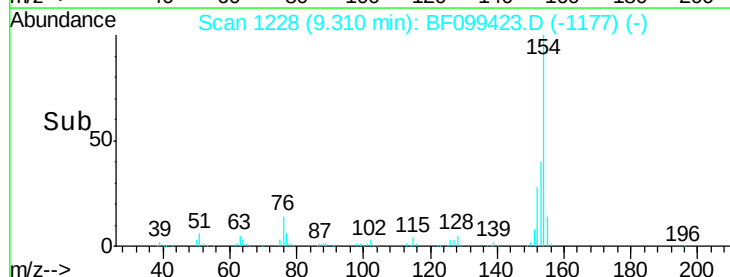
76 14.3 0.0 34.0

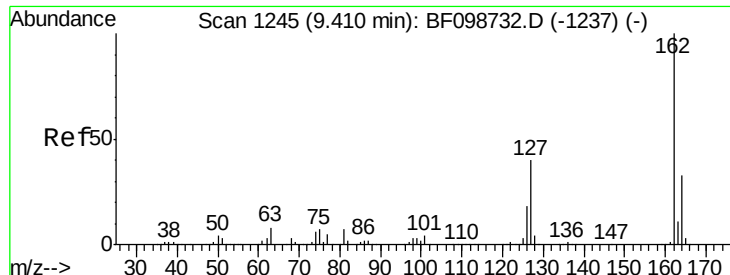


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

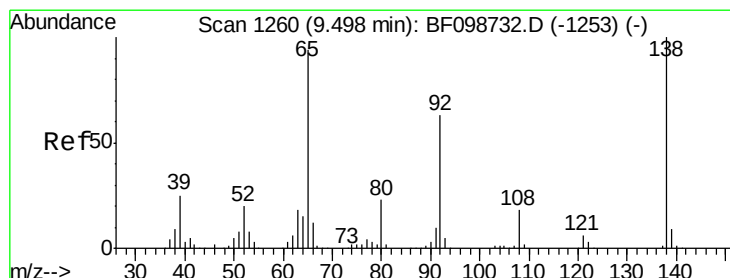
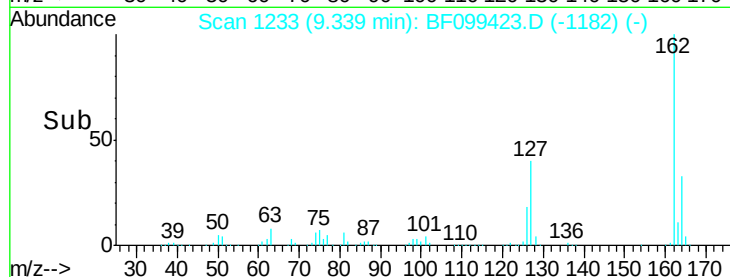
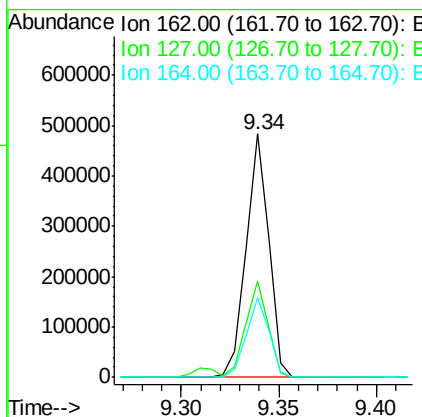
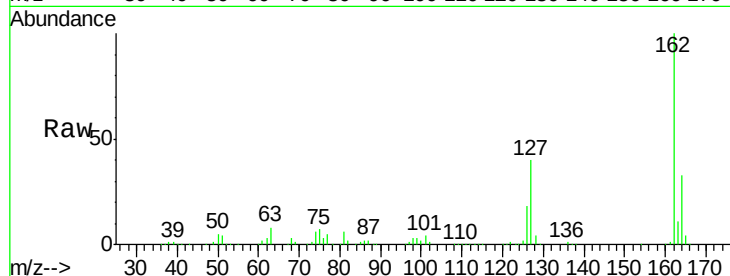




#46
 2-Chloronaphthalene
 Concen: 45.00 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF099423.D
 Acq: 13 Oct 2017 5:40

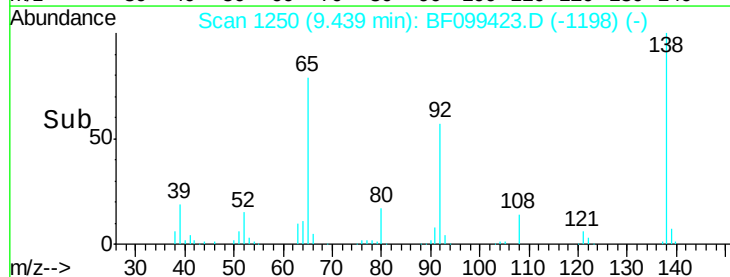
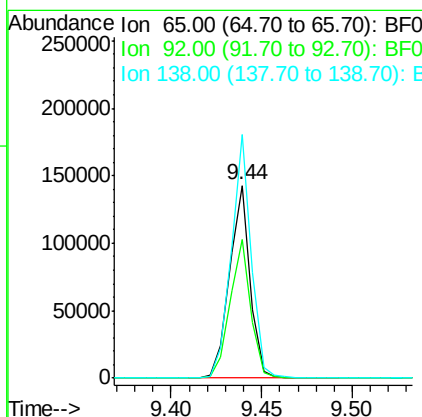
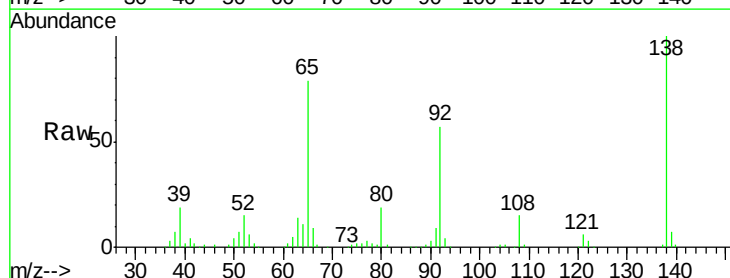
Instrument :
 BNA_F
 ClientSampleId :

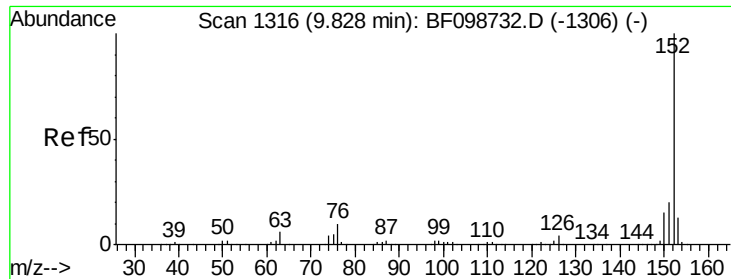
Tot Ion:162 Resp: 388897
 Ion Ratio Lower Upper
 162 100
 127 39.7 33.9 50.9
 164 32.8 26.5 39.7



#47
 2-Nitroaniline
 Concen: 42.89 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF099423.D
 Acq: 13 Oct 2017 5:40

Tgt Ion: 65 Resp: 113481
 Ion Ratio Lower Upper
 65 100
 92 71.7 55.8 83.6
 138 126.5 91.2 136.8





#48

Acenaphthylene

Concen: 42.66 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

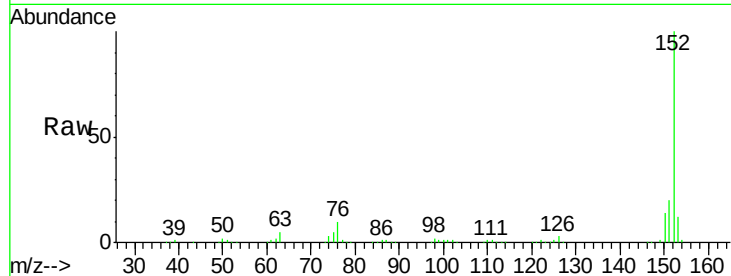
Tot Ion:152 Resp: 564323

Ion Ratio Lower Upper

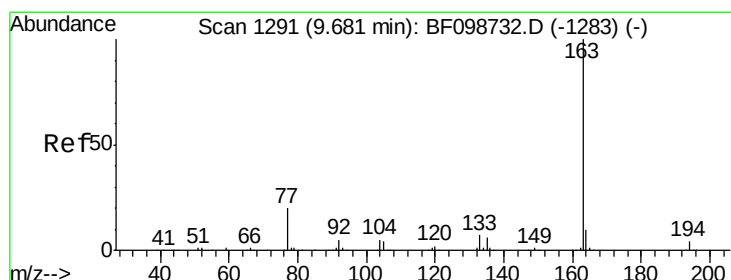
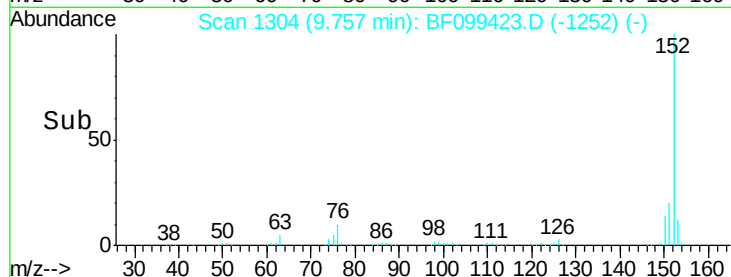
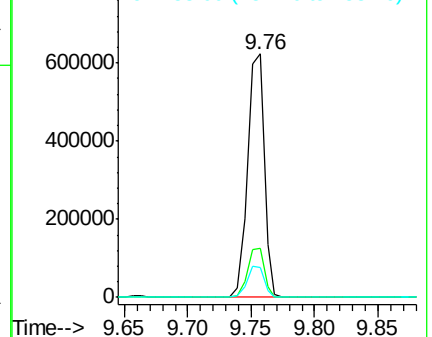
152 100

151 20.0 16.3 24.5

153 12.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 46.09 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

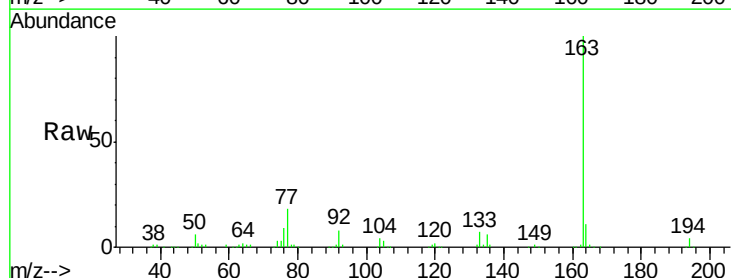
Tgt Ion:163 Resp: 465825

Ion Ratio Lower Upper

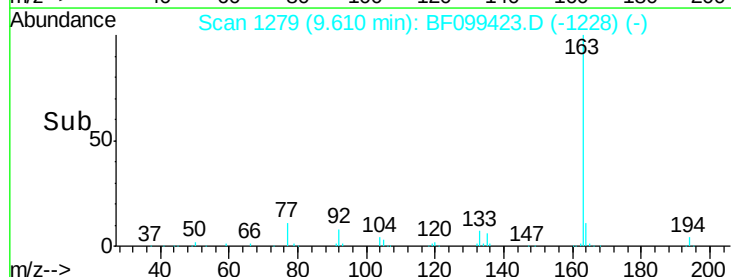
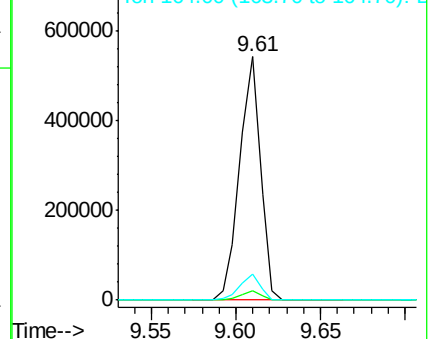
163 100

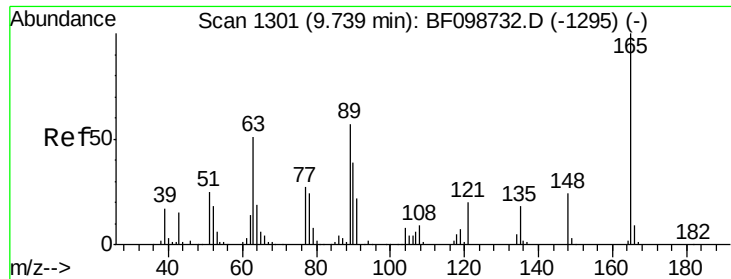
194 3.7 2.7 4.1

164 10.5 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: 39.24 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampled :

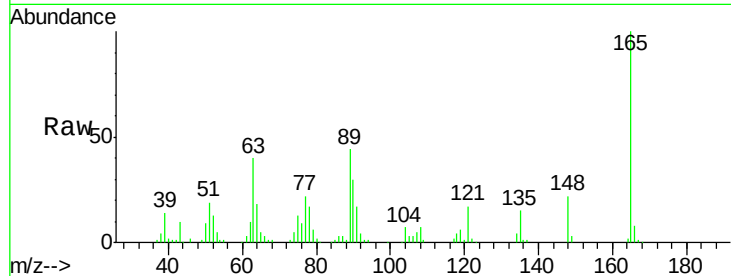
Tot Ion:165 Resp: 86351

Ion Ratio Lower Upper

165 100

63 39.7 44.7 67.1#

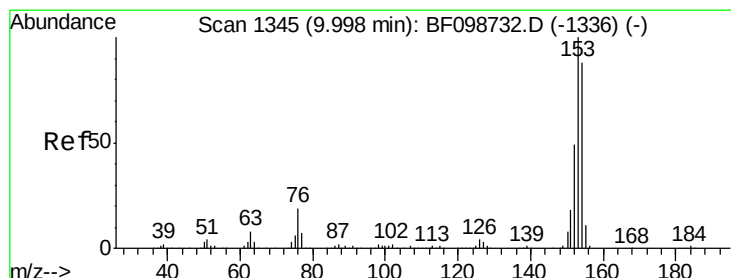
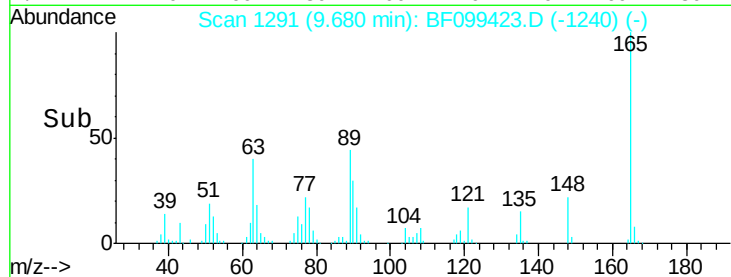
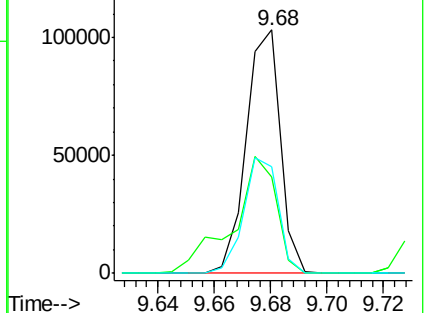
89 43.9 44.0 66.0#



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: 39.21 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

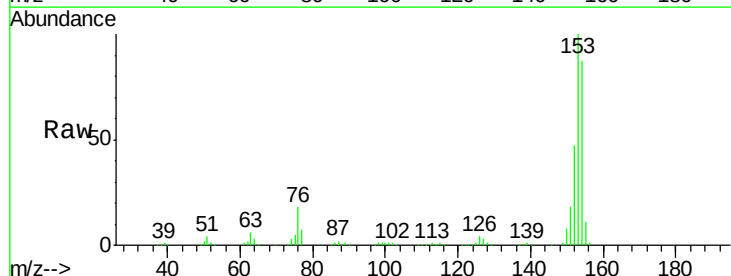
Tgt Ion:154 Resp: 328610

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

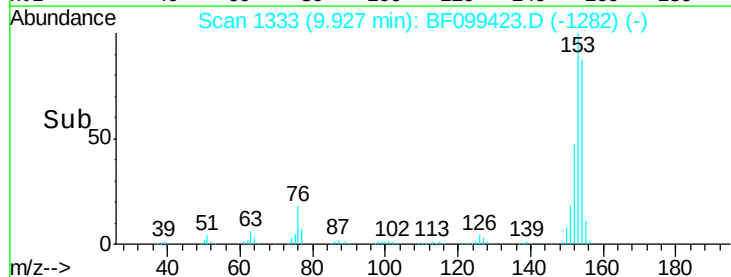
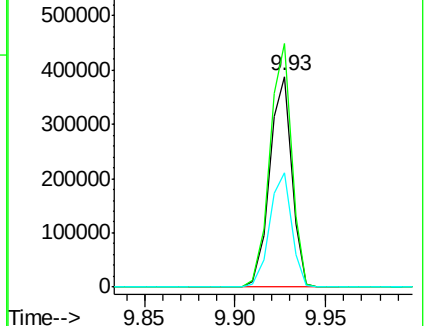
152 54.4 43.8 65.8

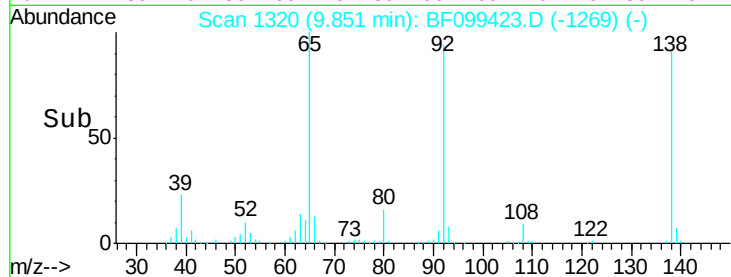
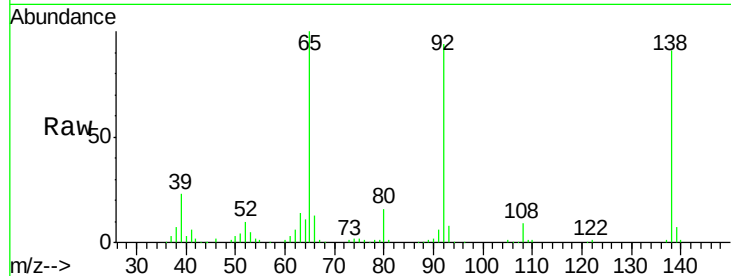
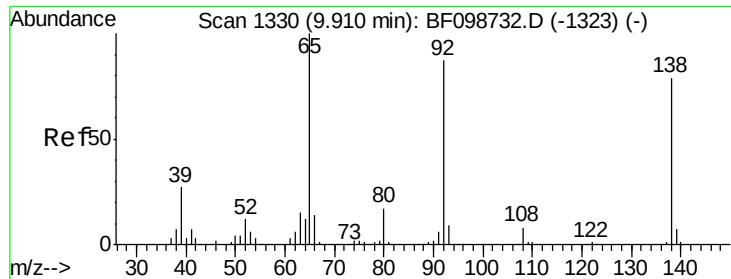


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

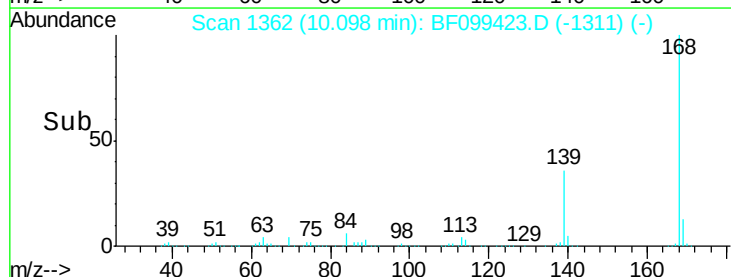
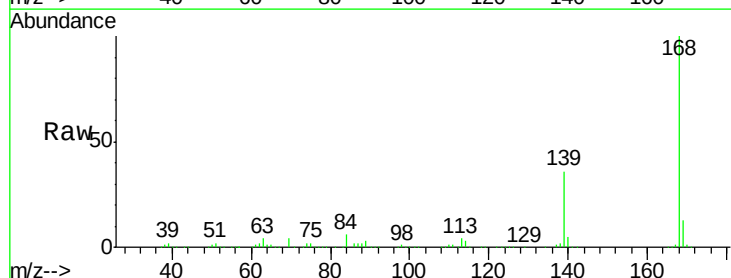
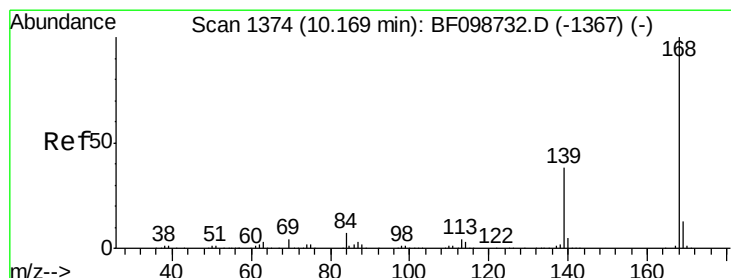
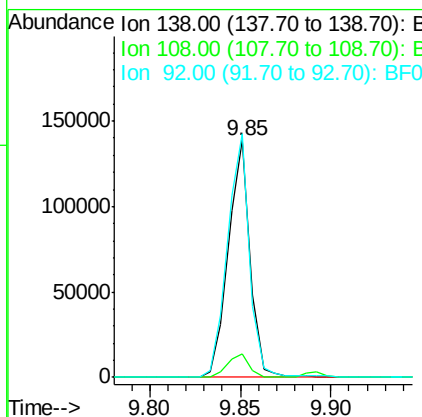




#52
3-Nitroaniline
Concen: 45.21 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

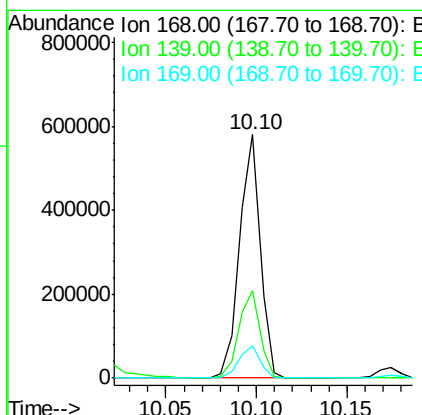
Instrument :
BNA_F
ClientSampleId :

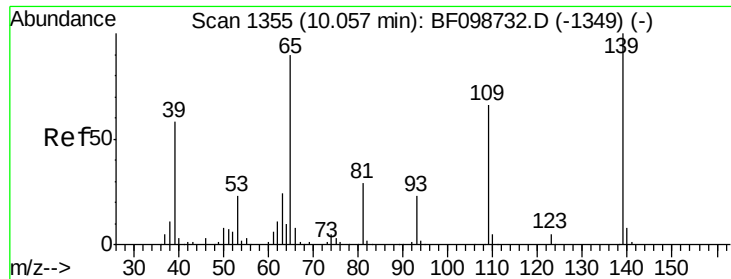
Tot Ion:138 Resp: 115991
Ion Ratio Lower Upper
138 100
108 9.6 9.4 14.0
92 102.7 89.4 134.2



#54
Dibenzofuran
Concen: 41.36 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion:168 Resp: 461450
Ion Ratio Lower Upper
168 100
139 36.2 30.1 45.1
169 13.3 10.9 16.3





#55

4-Nitrophenol

Concen: 28.50 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

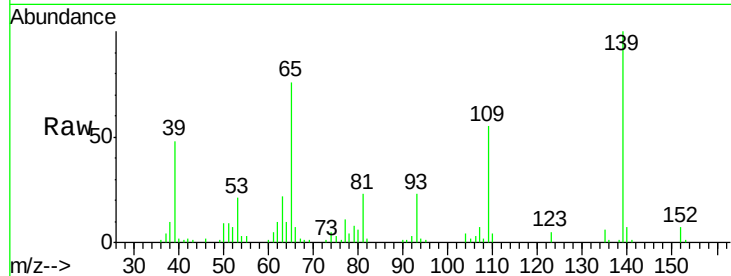
Tot Ion:139 Resp: 61836

Ion Ratio Lower Upper

139 100

109 55.5 48.4 88.4

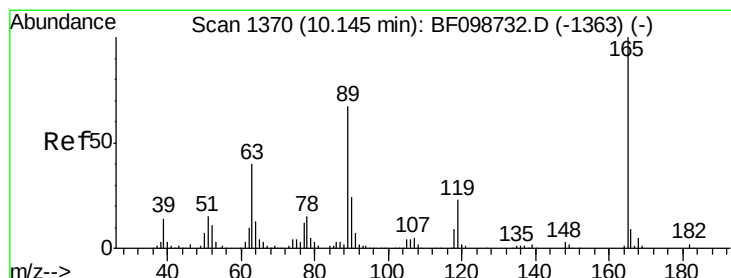
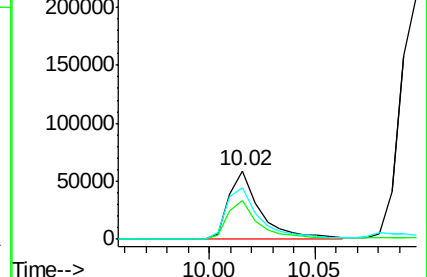
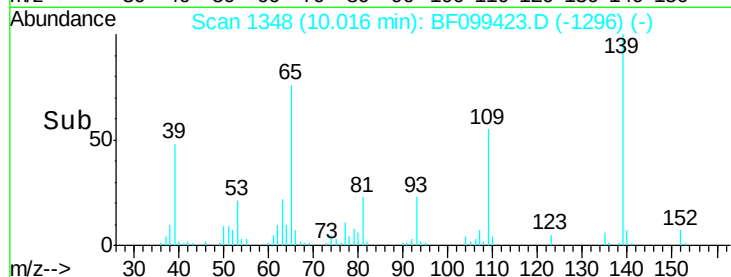
65 75.7 72.6 112.6



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: 33.42 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Tgt Ion:165 Resp: 95438

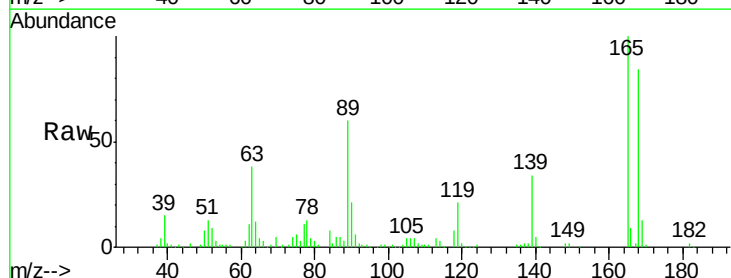
Ion Ratio Lower Upper

165 100

63 38.2 36.4 54.6

89 60.4 57.8 86.6

182 2.4 1.6 2.4

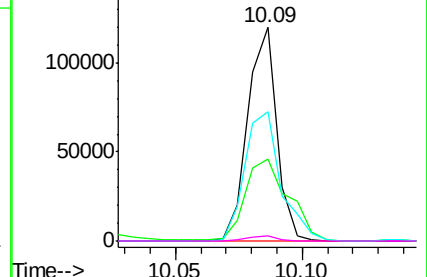
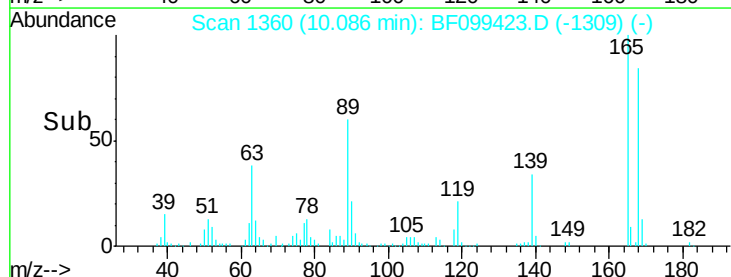


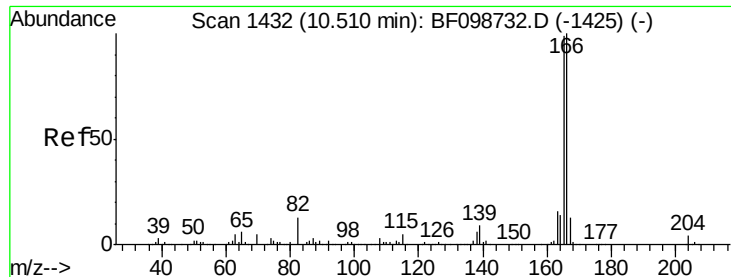
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.22 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

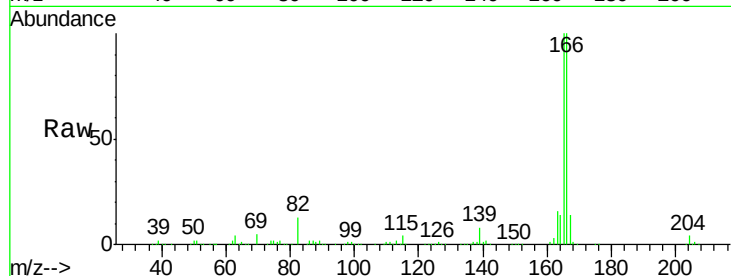
Tot Ion:166 Resp: 369668

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.8

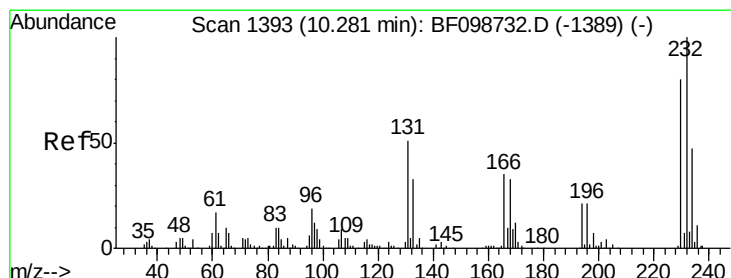
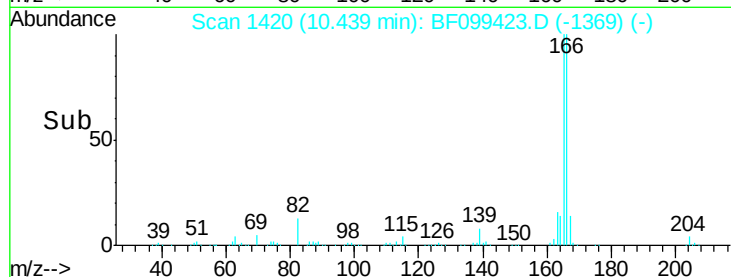
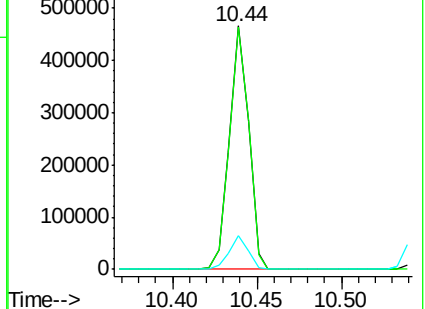
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.78 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Tgt Ion:232 Resp: 73717

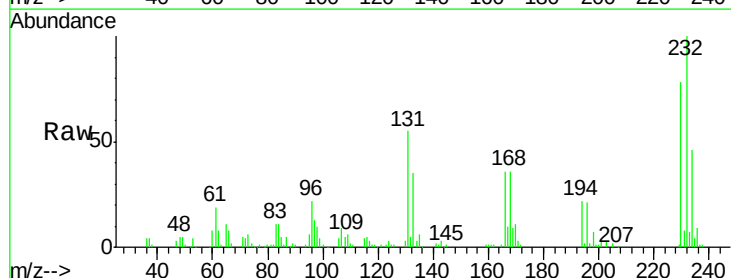
Ion Ratio Lower Upper

232 100

131 51.8 43.8 65.8

130 2.2 2.1 3.1

166 34.5 27.8 41.6

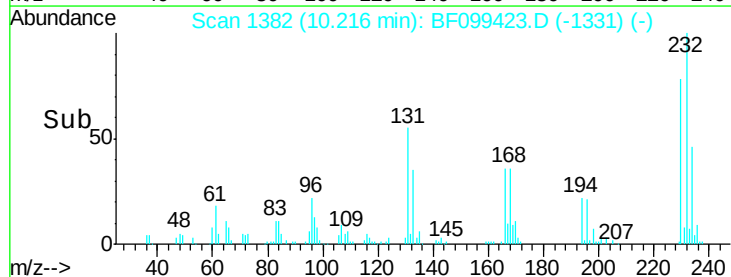
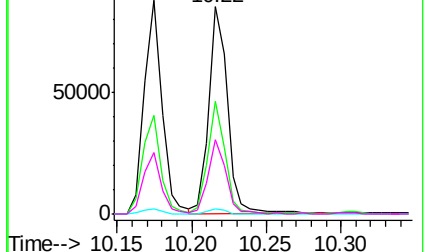


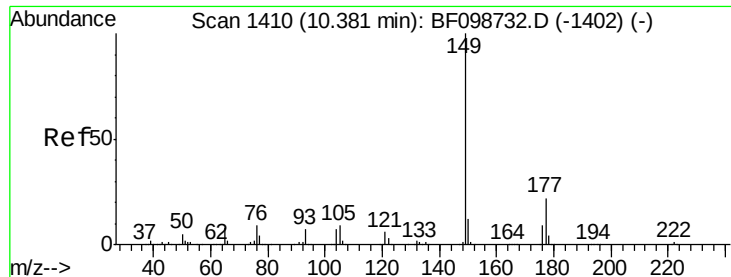
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.78 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

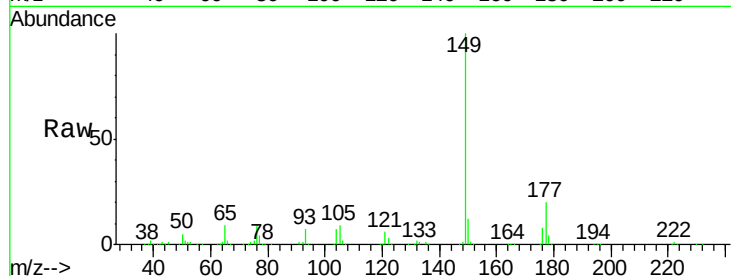
Tot Ion:149 Resp: 422572

Ion Ratio Lower Upper

149 100

177 20.5 16.1 24.1

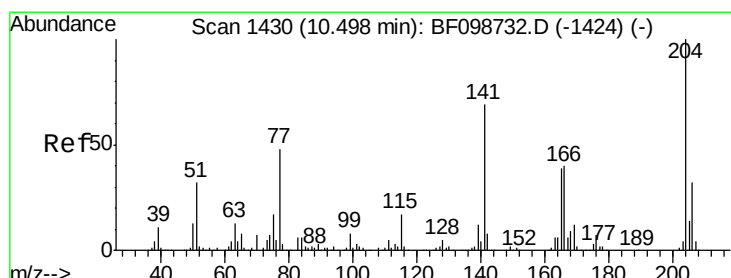
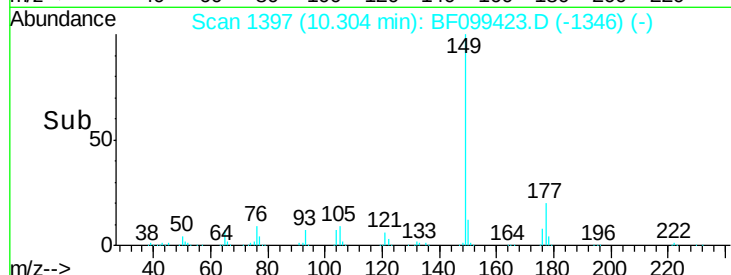
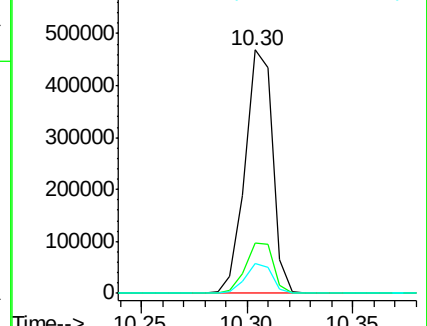
150 12.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.21 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

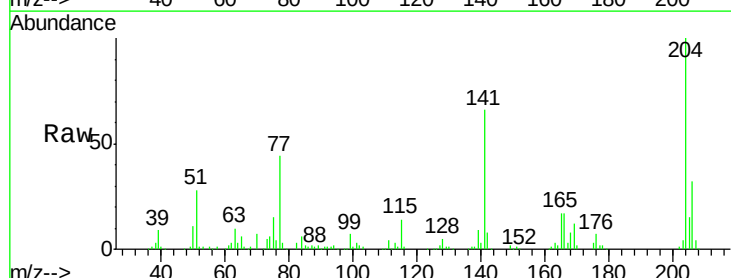
Tgt Ion:204 Resp: 170059

Ion Ratio Lower Upper

204 100

206 32.4 26.5 39.7

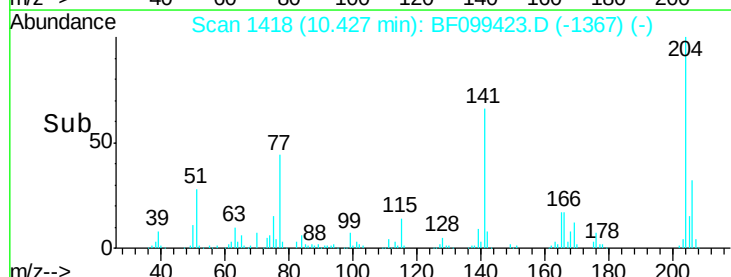
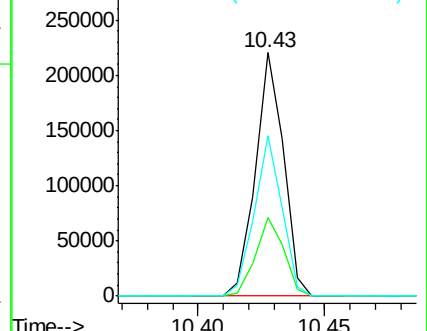
141 66.0 54.6 81.8

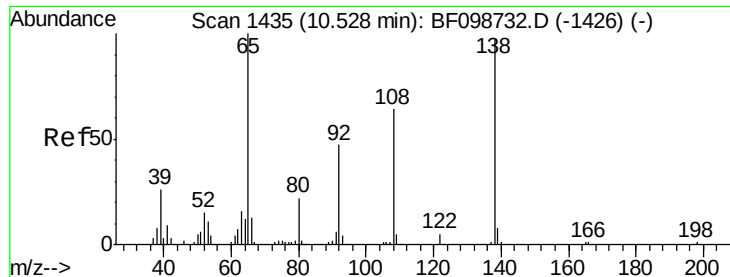


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

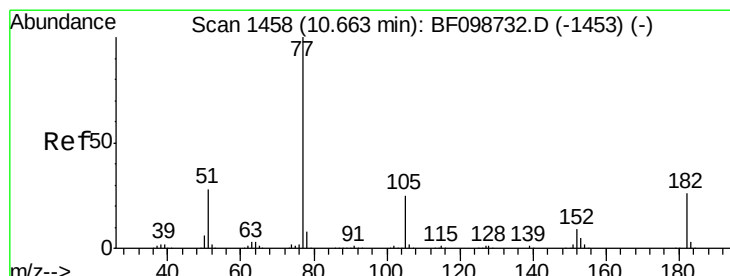
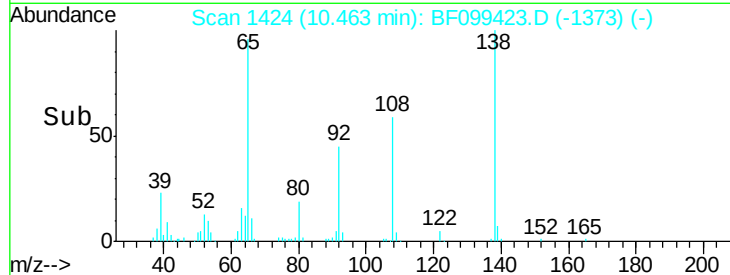
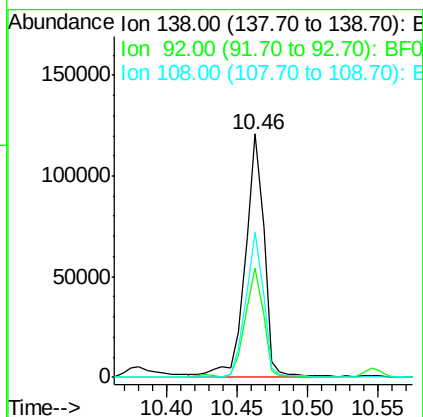
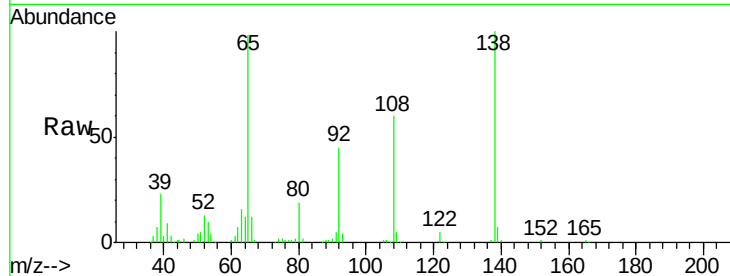




#61
 4-Nitroaniline
 Concen: 45.33 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF099423.D
 Acq: 13 Oct 2017 5:40

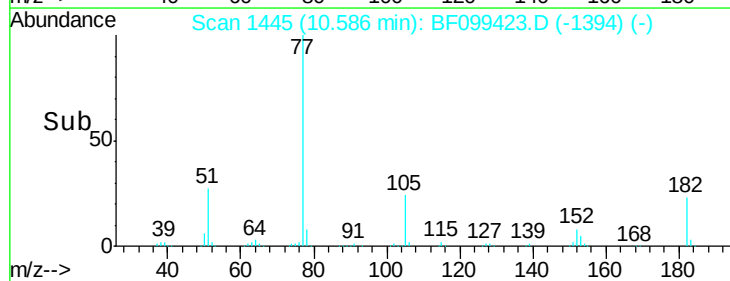
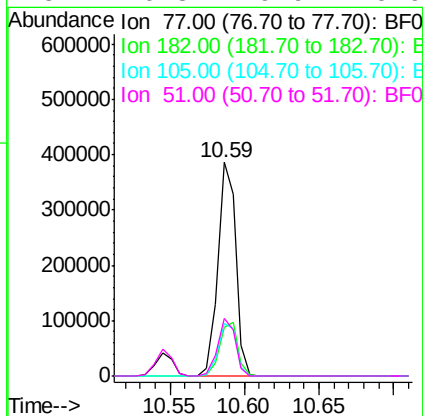
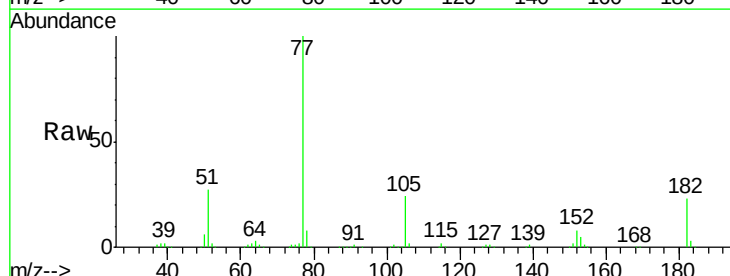
Instrument :
 BNA_F
 ClientSampleId :

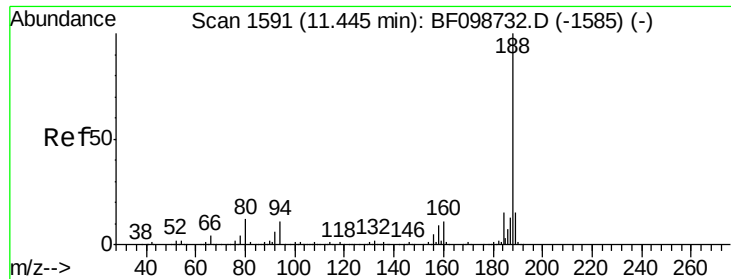
Tot Ion:138 Resp: 112214
 Ion Ratio Lower Upper
 138 100
 92 45.1 30.2 70.2
 108 59.6 52.5 92.5



#62
 Azobenzene
 Concen: 35.78 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF099423.D
 Acq: 13 Oct 2017 5:40

Tgt Ion: 77 Resp: 324925
 Ion Ratio Lower Upper
 77 100
 182 23.0 1.7 41.7
 105 24.4 3.0 43.0
 51 26.8 9.9 49.9

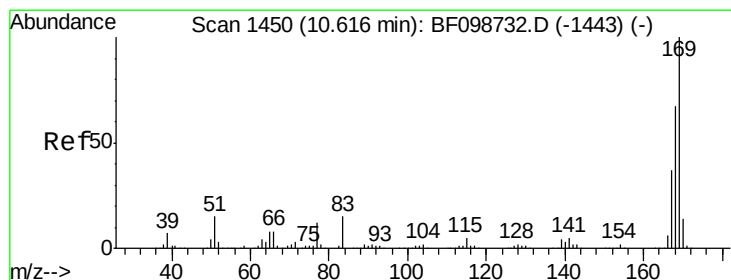
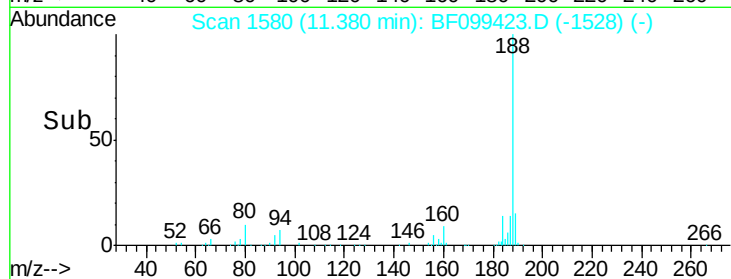
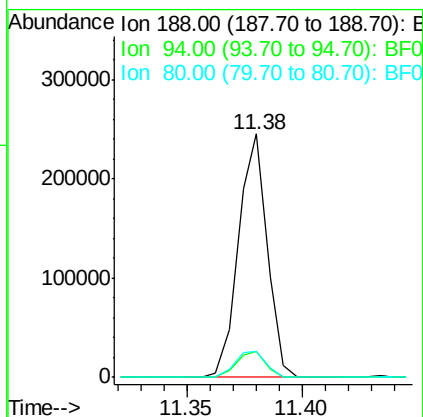
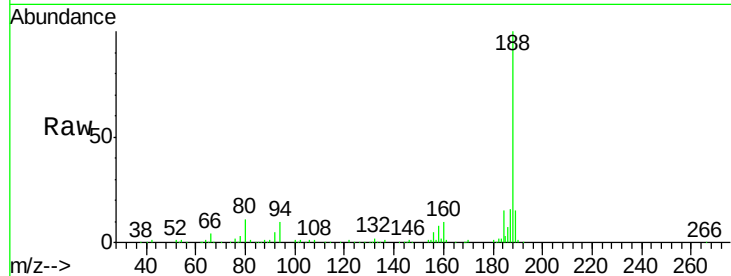




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

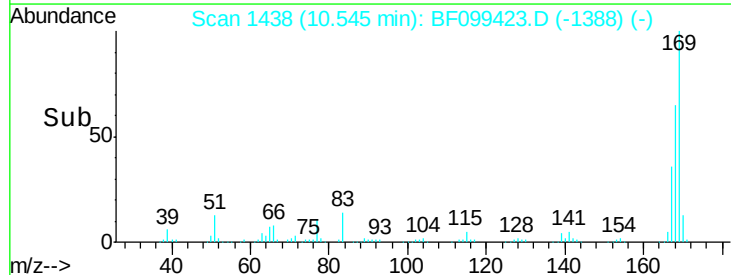
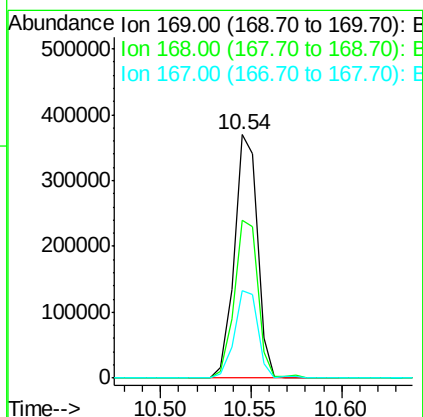
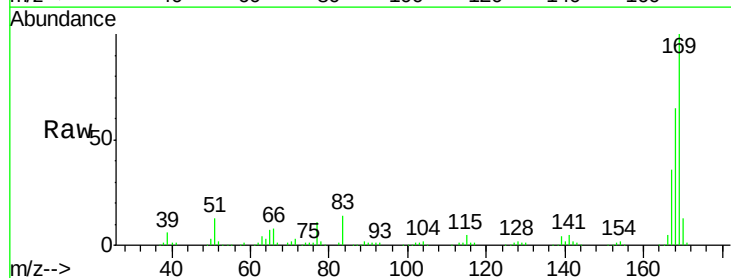
Instrument :
BNA_F
ClientSampleId :

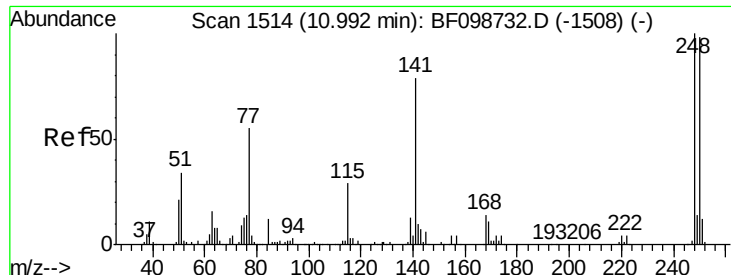
Tot Ion:188 Resp: 212325
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.8 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 44.49 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion:169 Resp: 327251
Ion Ratio Lower Upper
169 100
168 64.7 54.4 81.6
167 36.1 29.8 44.6

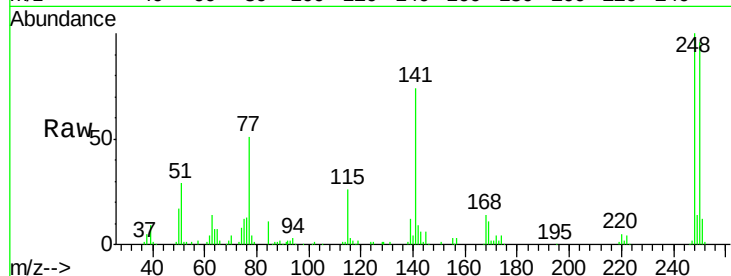




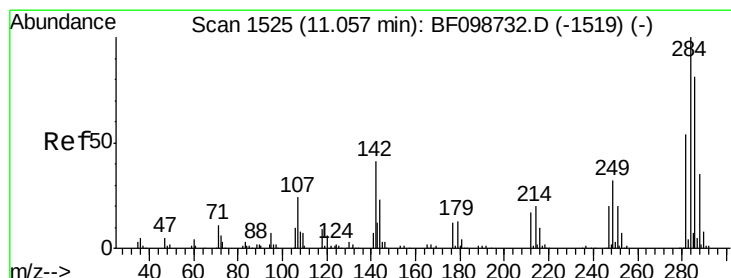
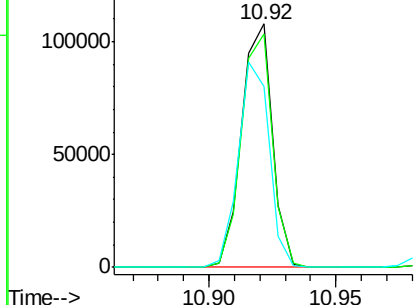
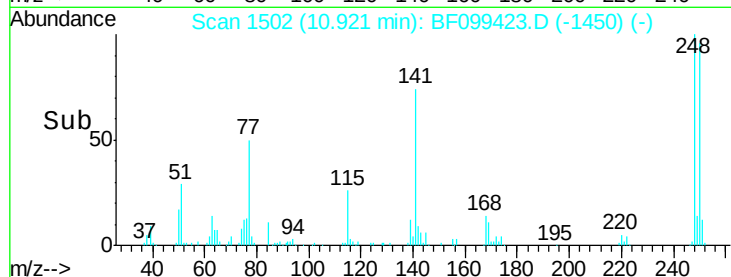
#66
4-Bromophenyl-phenylether
Concen: 43.94 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 91323
Ion Ratio Lower Upper
248 100
250 96.0 76.9 115.3
141 74.3 74.4 111.6#

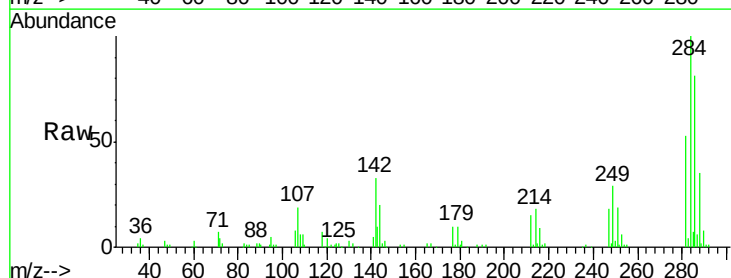


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

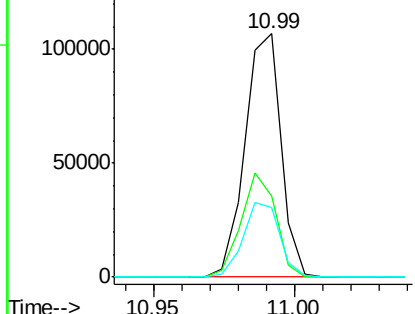
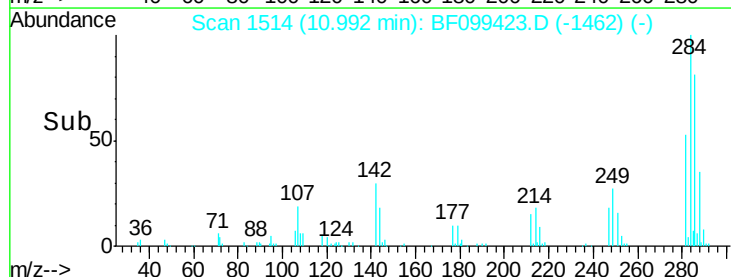


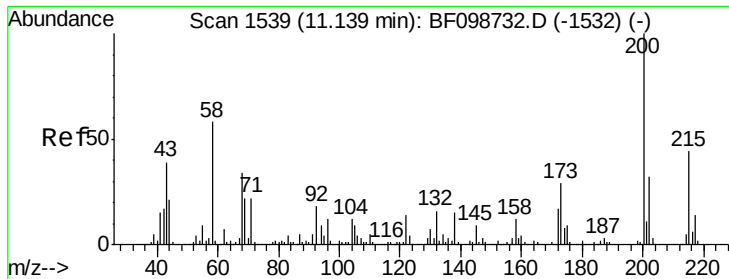
#67
Hexachlorobenzene
Concen: 42.51 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion:284 Resp: 94370
Ion Ratio Lower Upper
284 100
142 33.4 34.6 52.0#
249 28.7 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

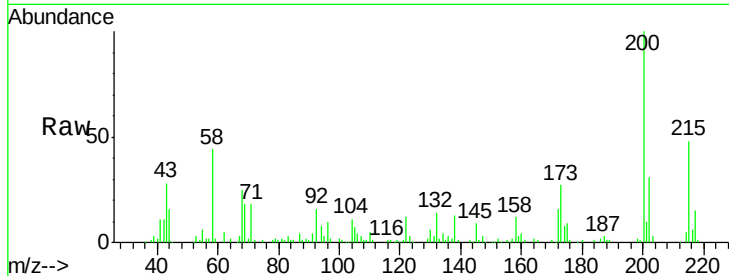




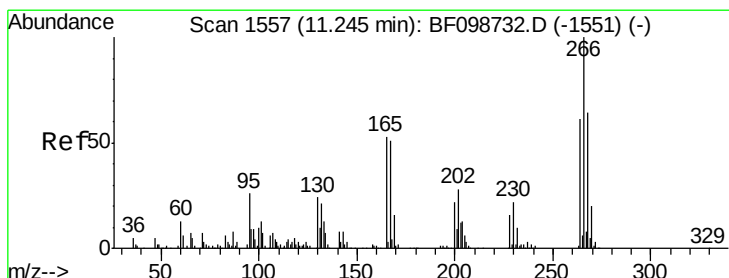
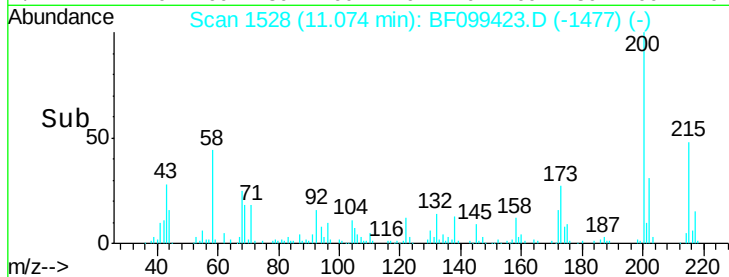
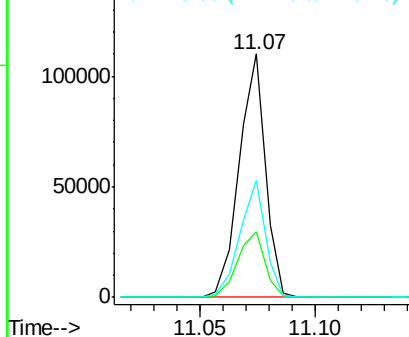
#68
 Atrazine
 Concen: 39.51 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BF099423.D
 Acq: 13 Oct 2017 5:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.6	48.6
215	47.8	25.1	65.1

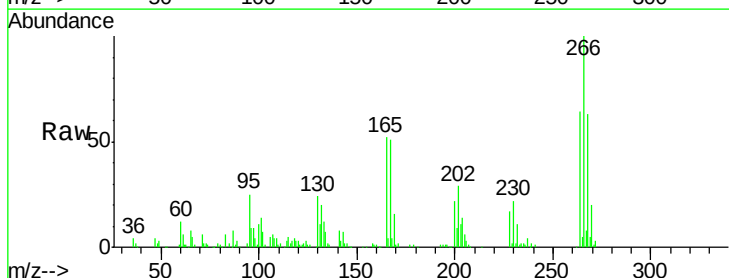


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

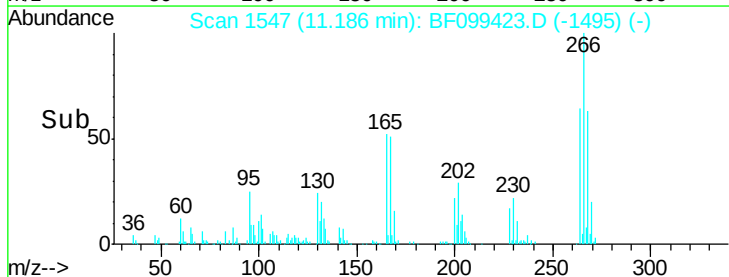
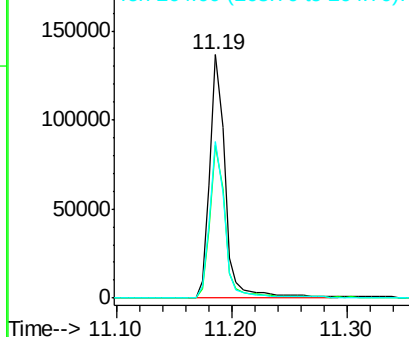


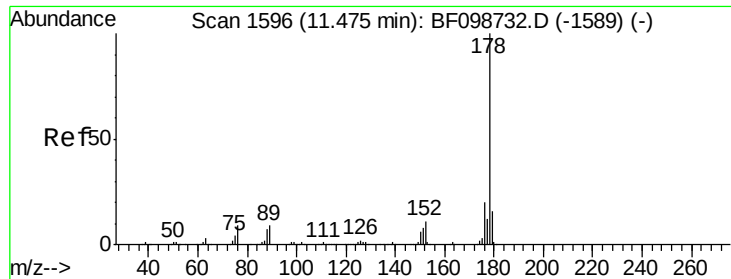
#69
 Pentachlorophenol
 Concen: 93.60 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099423.D
 Acq: 13 Oct 2017 5:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	64.5	49.5	74.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

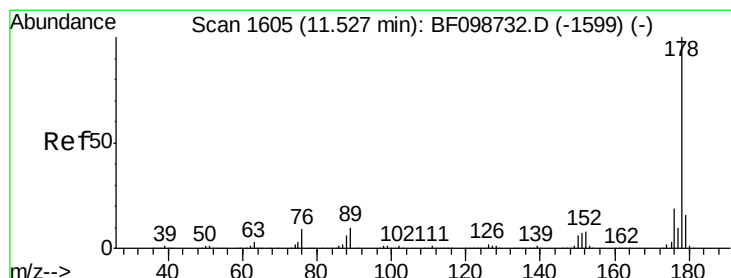
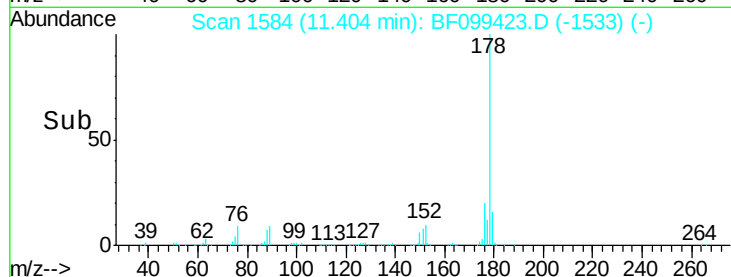
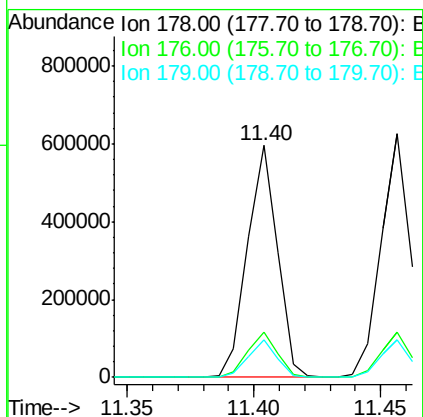
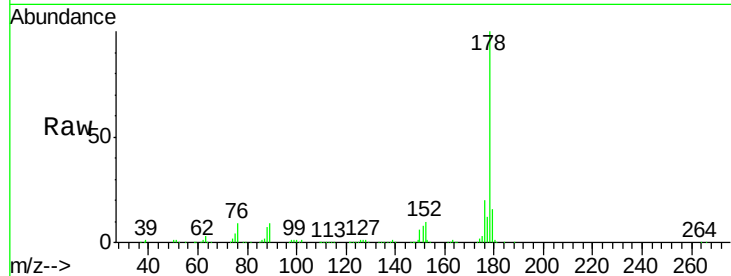




#70
Phenanthrene
Concen: 43.29 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

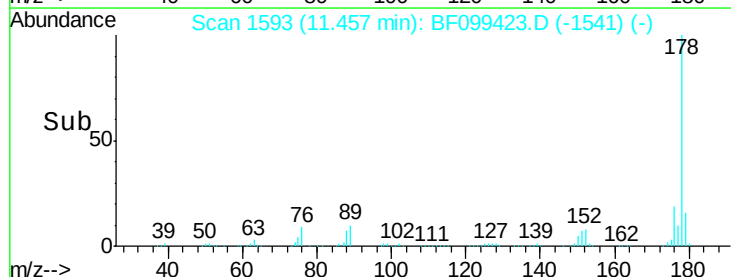
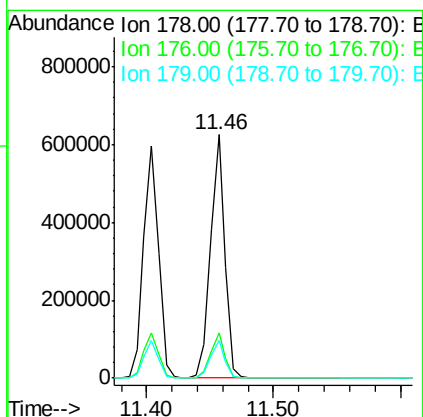
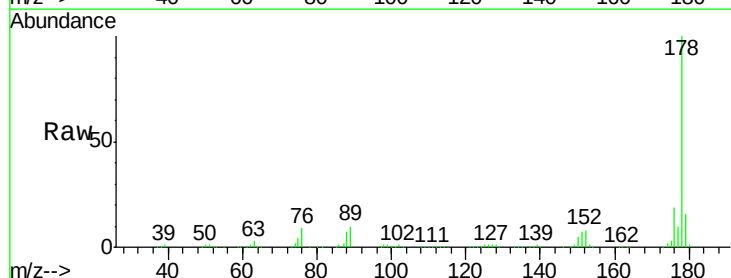
Instrument :
BNA_F
ClientSampleId :

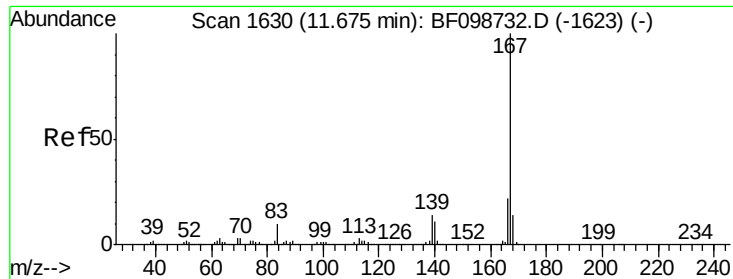
Tot Ion:178 Resp: 492000
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.9 13.0 19.6



#71
Anthracene
Concen: 43.11 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion:178 Resp: 501287
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.6 19.0





#72

Carbazole

Concen: 43.46 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

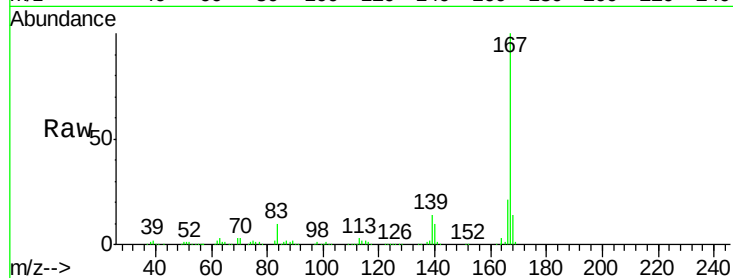
Tot Ion:167 Resp: 494892

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

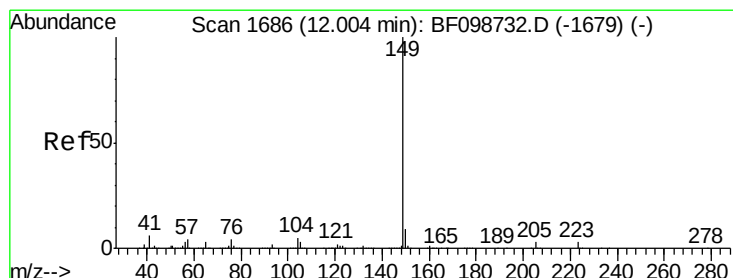
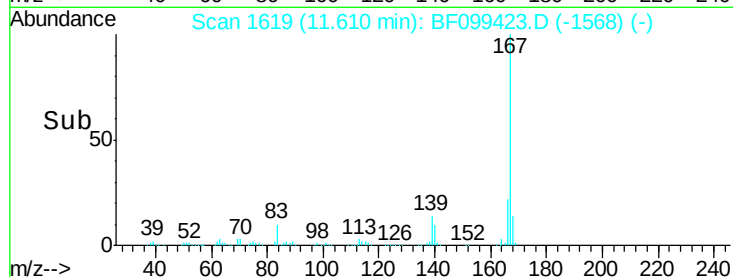
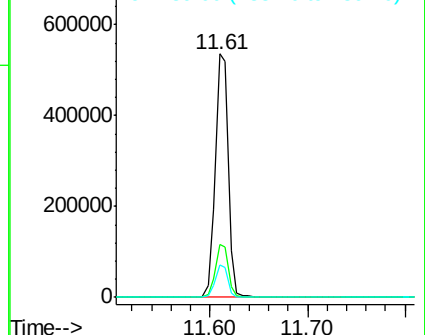
139 13.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 43.89 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

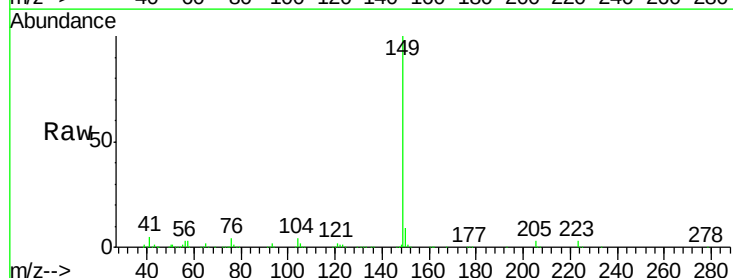
Tgt Ion:149 Resp: 601578

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

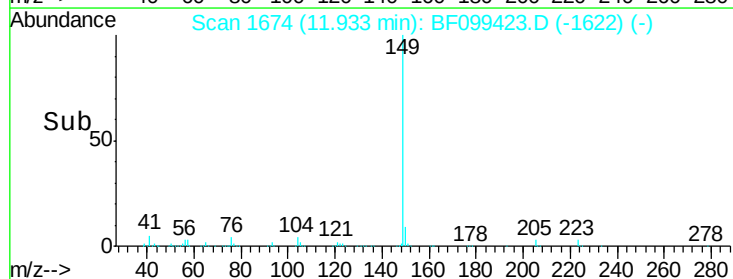
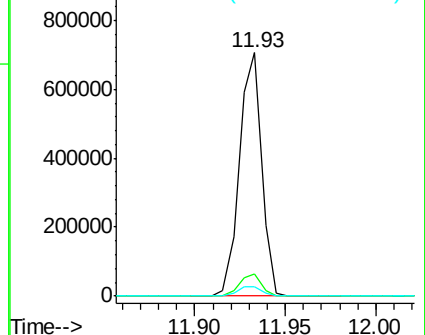
104 3.9 3.8 5.8

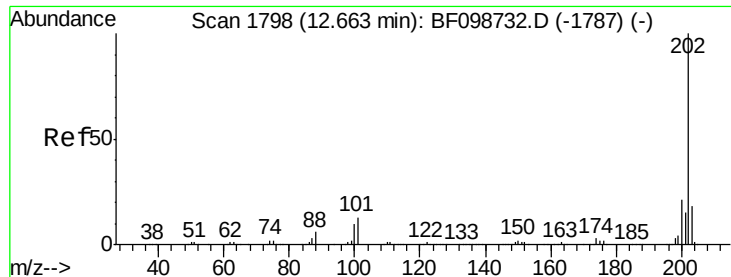


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

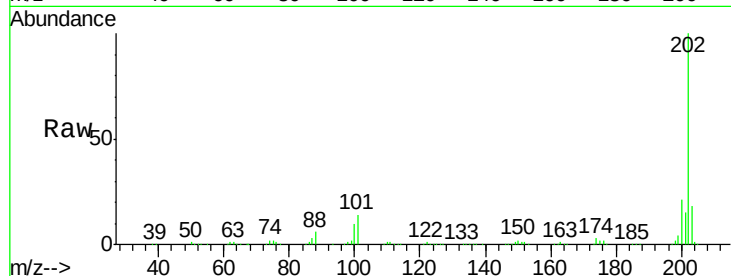




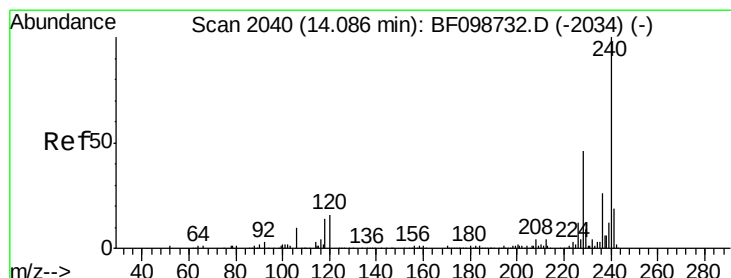
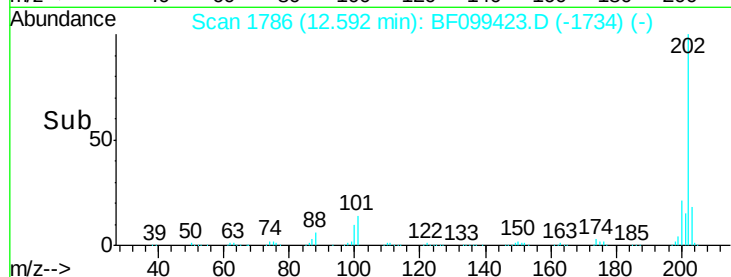
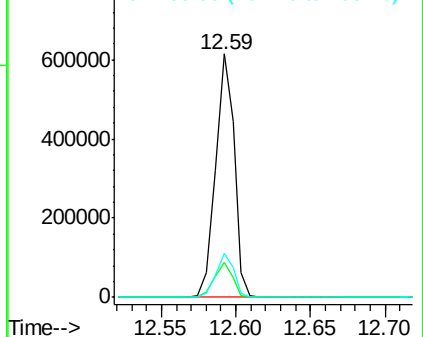
#74
Fluoranthene
Concen: 46.72 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.1
203	17.9	0.0	38.1

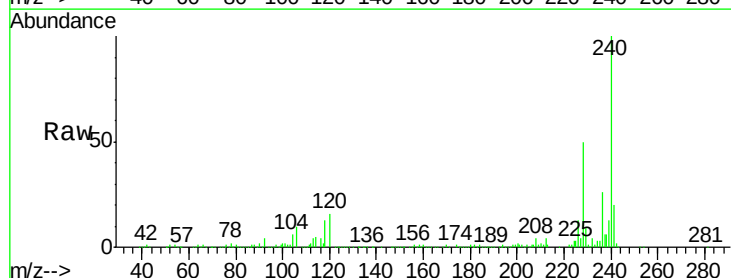


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

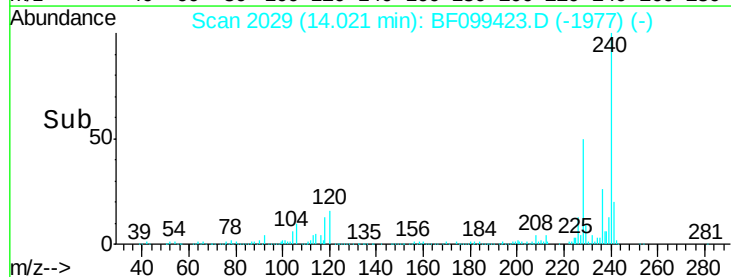
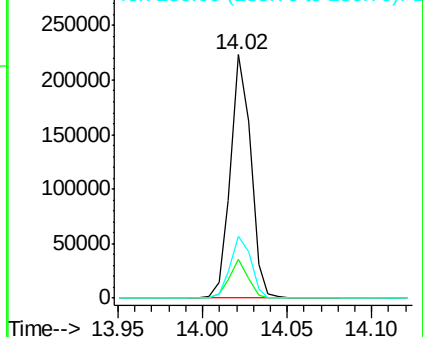


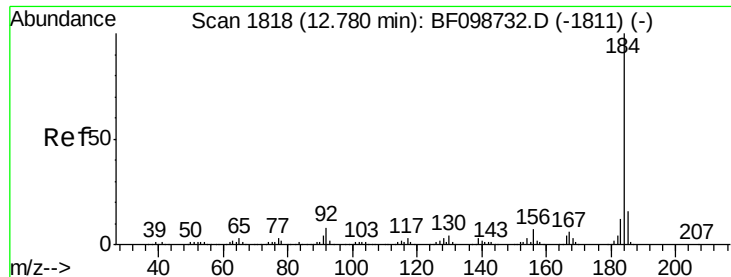
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	25.6	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

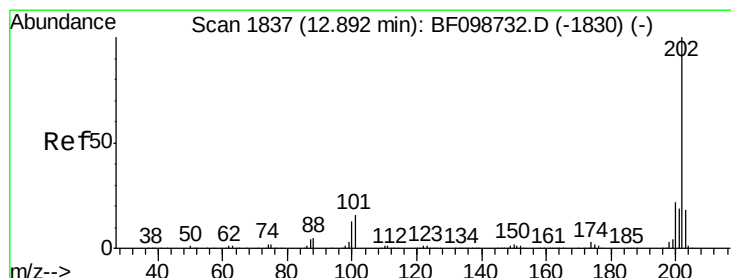
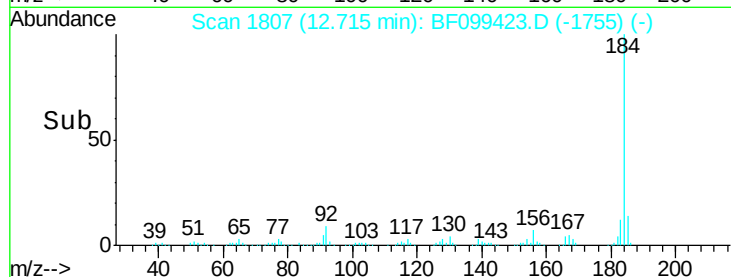
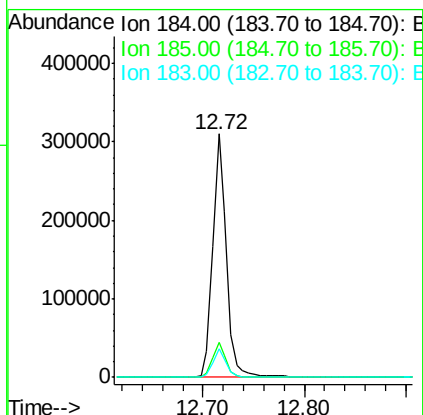
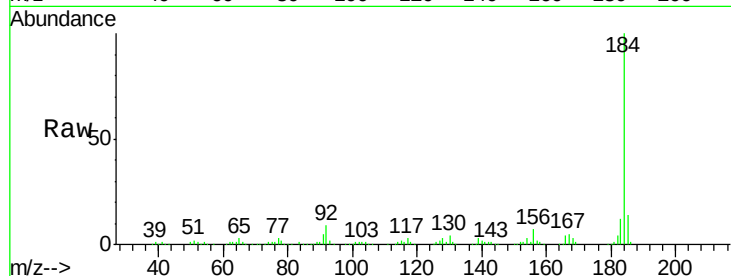




#76
Benzidine
Concen: 42.41 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

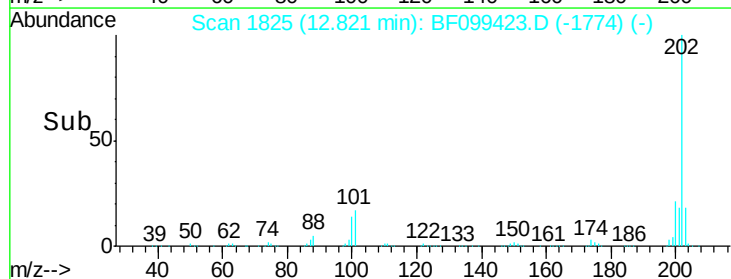
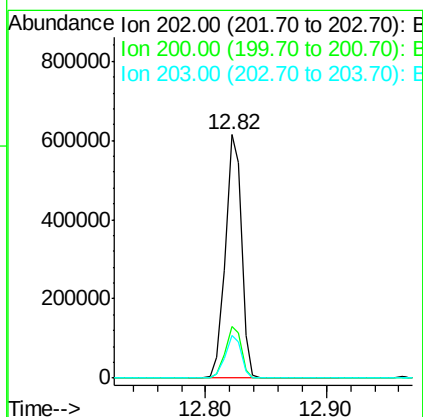
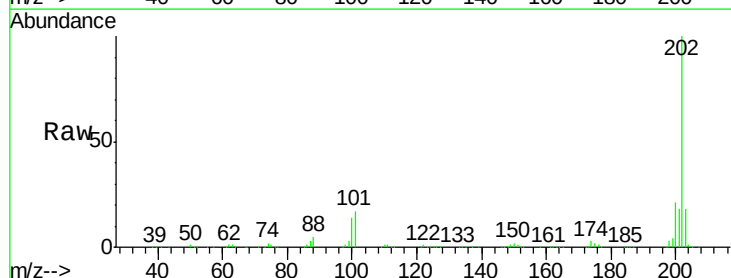
Instrument :
BNA_F
ClientSampleId :

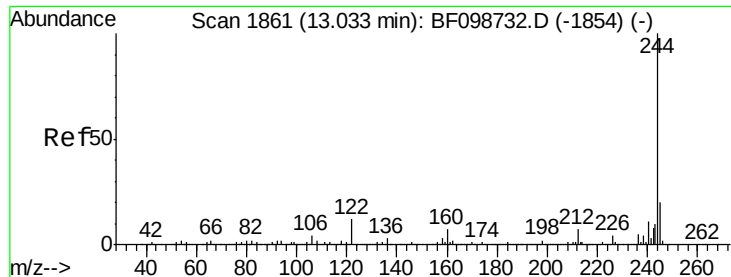
Tot Ion:184 Resp: 292901
Ion Ratio Lower Upper
184 100
185 14.3 12.6 18.8
183 11.9 9.3 13.9



#77
Pyrene
Concen: 39.90 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion:202 Resp: 568256
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.7 14.3 21.5

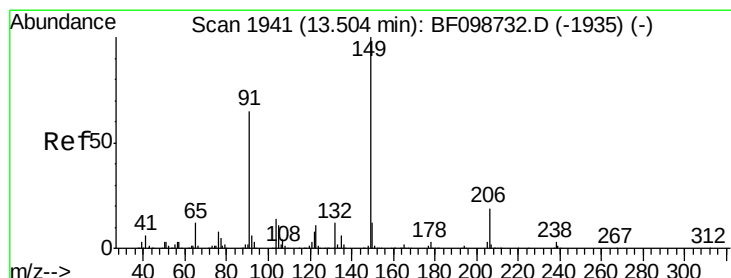
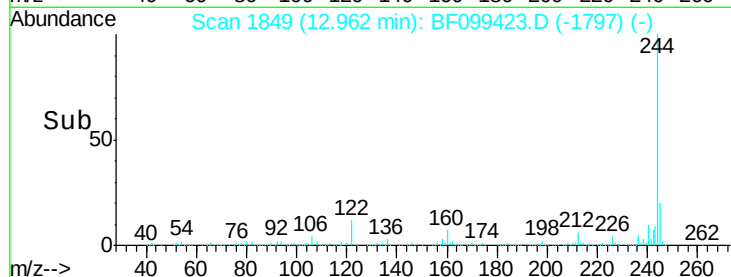
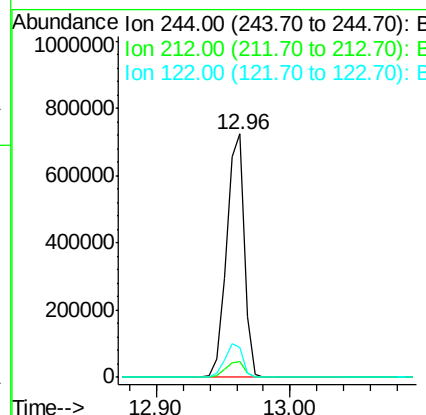
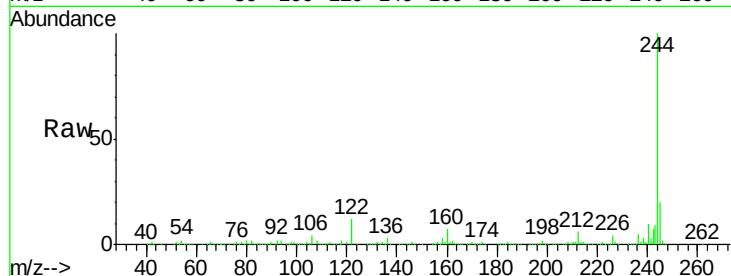




#78
 Terphenyl-d14
 Concen: 82.80 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099423.D
 Acq: 13 Oct 2017 5:40

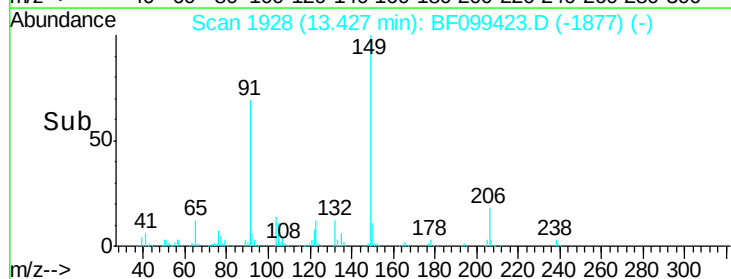
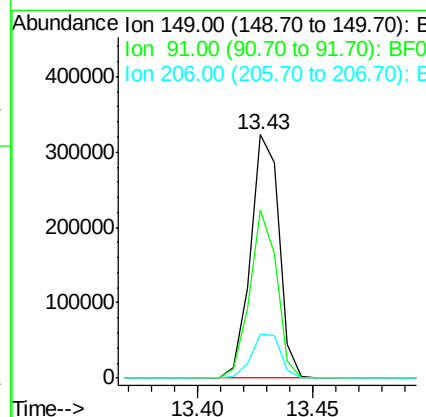
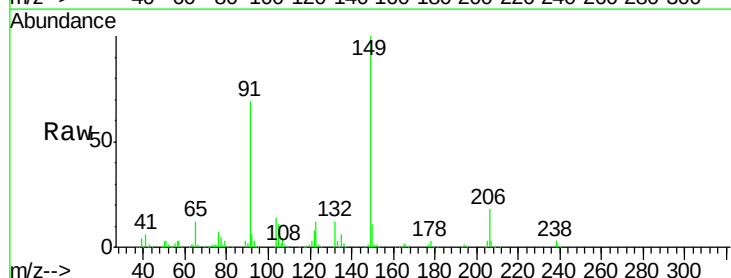
Instrument :
 BNA_F
 ClientSampled :

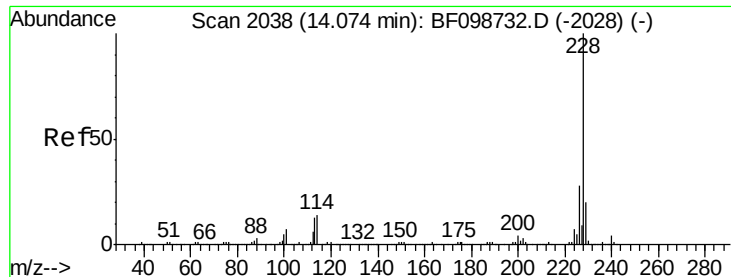
Tot Ion:244 Resp: 679883
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 12.5 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 41.73 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BF099423.D
 Acq: 13 Oct 2017 5:40

Tgt Ion:149 Resp: 279288
 Ion Ratio Lower Upper
 149 100
 91 69.2 56.8 85.2
 206 17.8 14.1 21.1





#80

Benzo(a)anthracene

Concen: 42.60 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

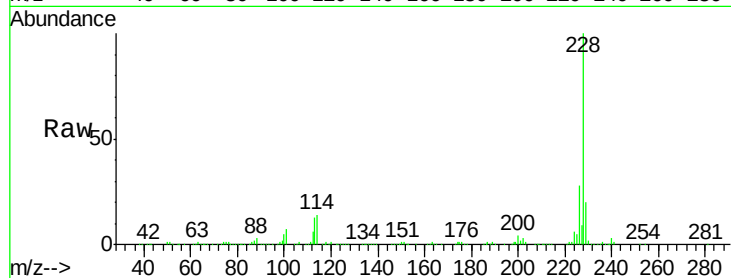
Tot Ion:228 Resp: 481774

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

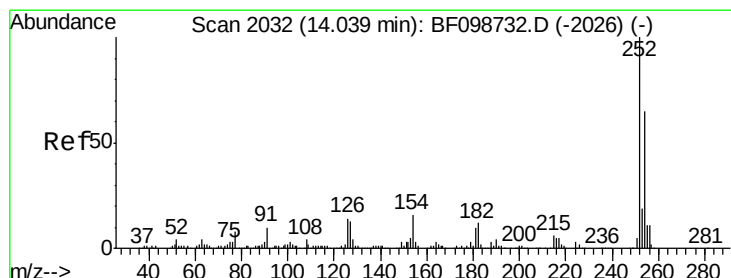
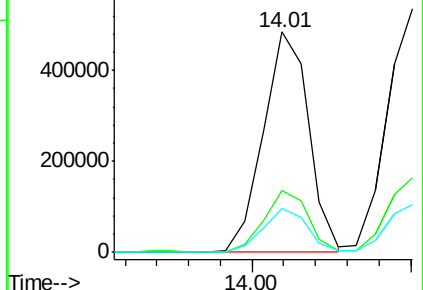
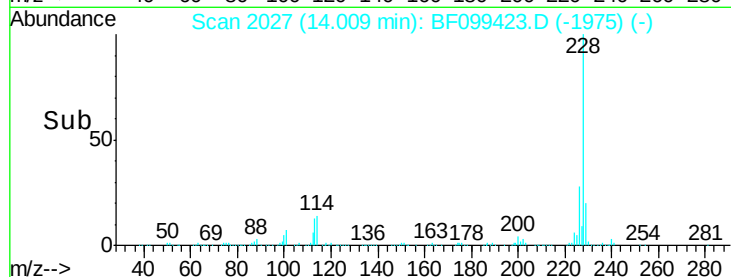
229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 45.40 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

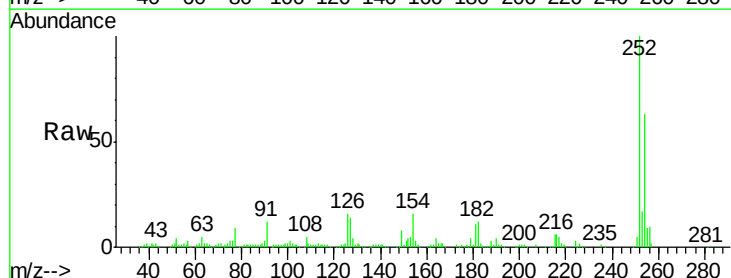
Tgt Ion:252 Resp: 188207

Ion Ratio Lower Upper

252 100

254 62.7 50.4 75.6

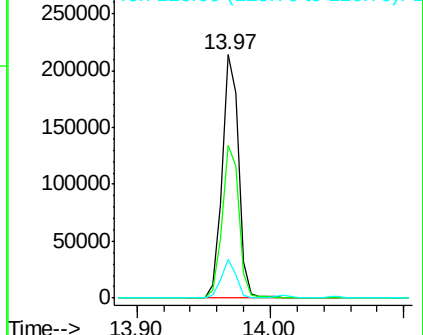
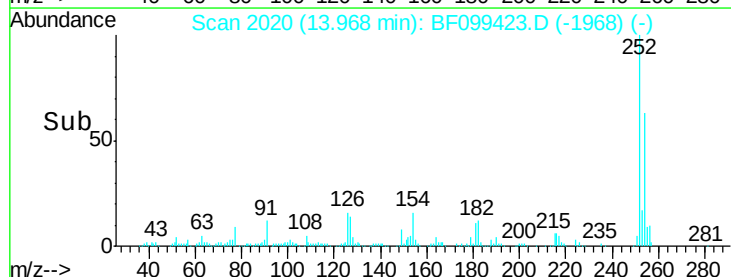
126 15.8 11.3 16.9

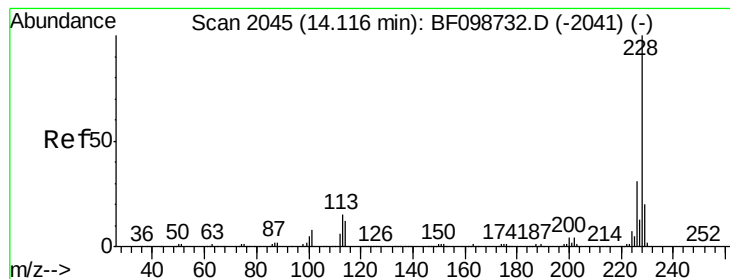


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.94 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

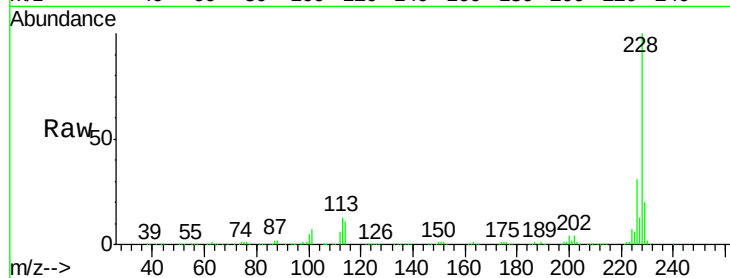
Tot Ion:228 Resp: 462297

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

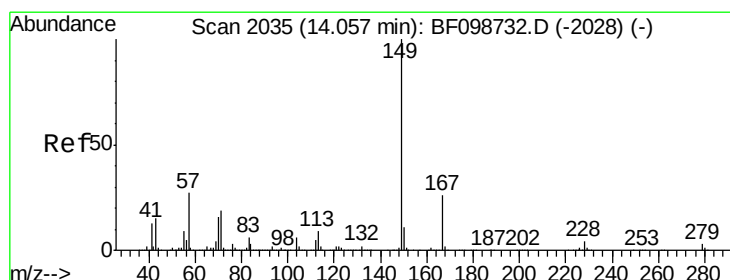
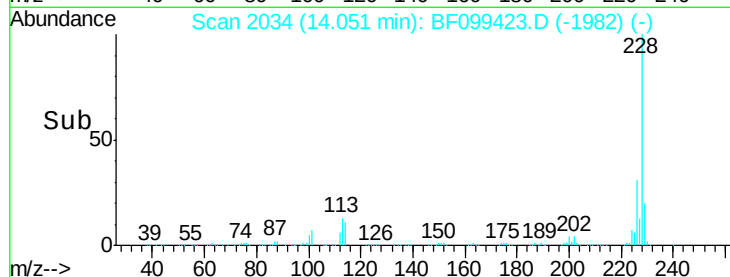
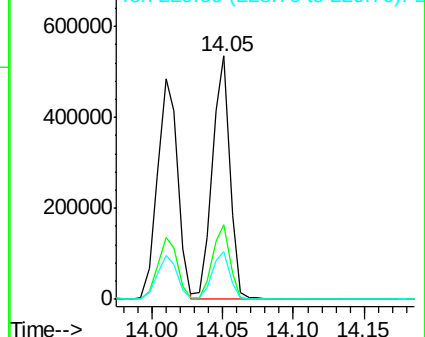
229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 43.23 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

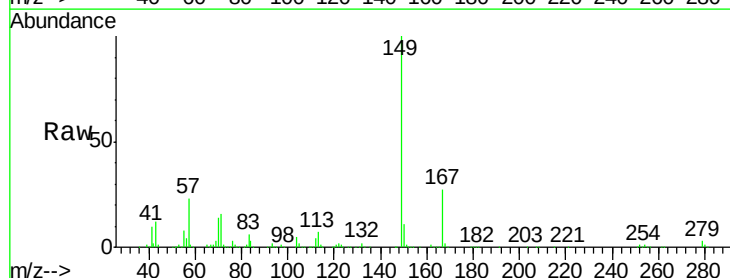
Tgt Ion:149 Resp: 398371

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

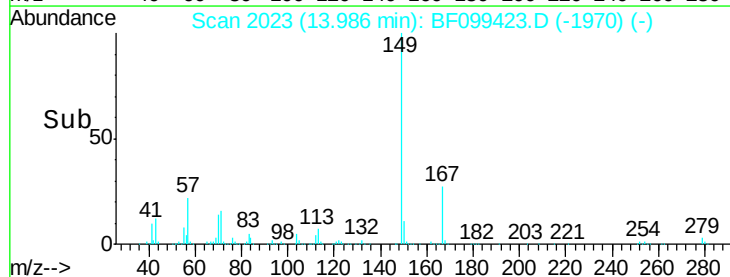
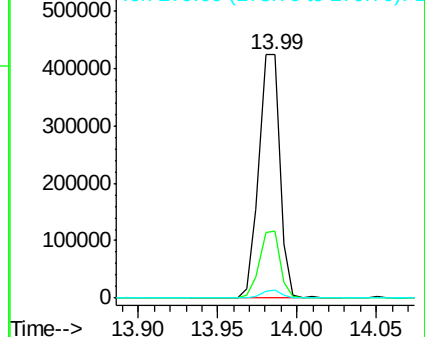
279 3.4 3.0 4.4

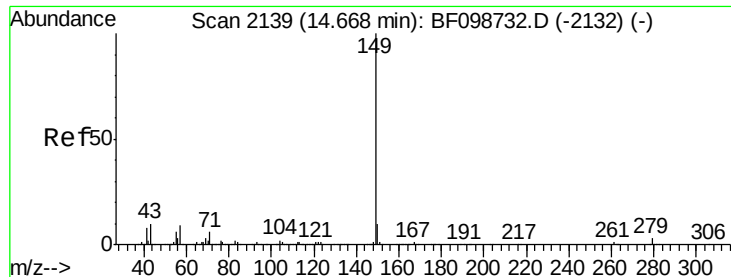


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

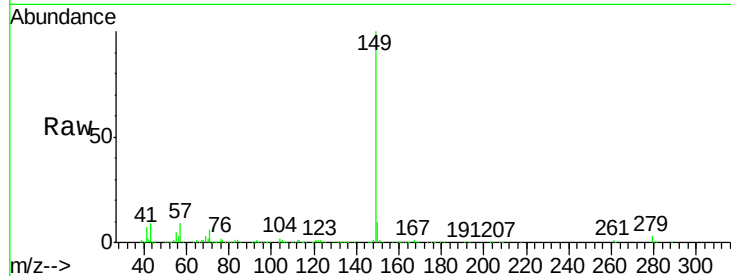




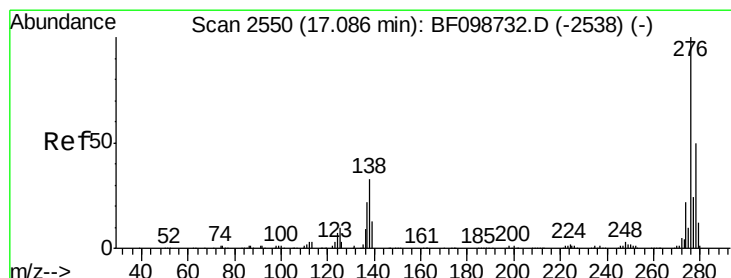
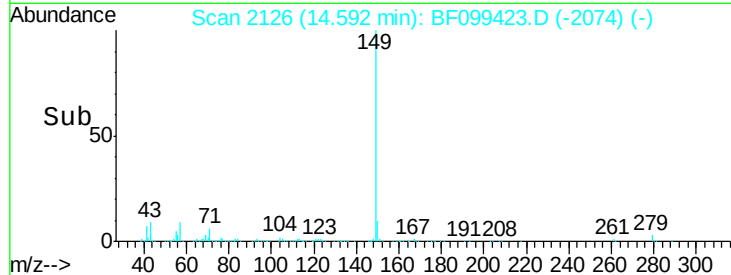
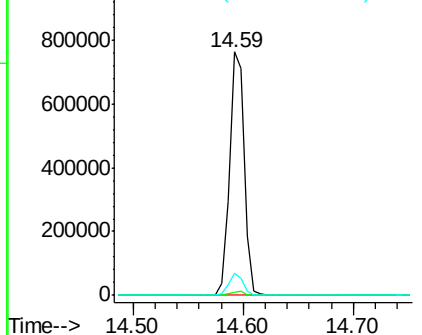
#84
Di-n-octyl phthalate
Concen: 48.27 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.2	8.4	12.6

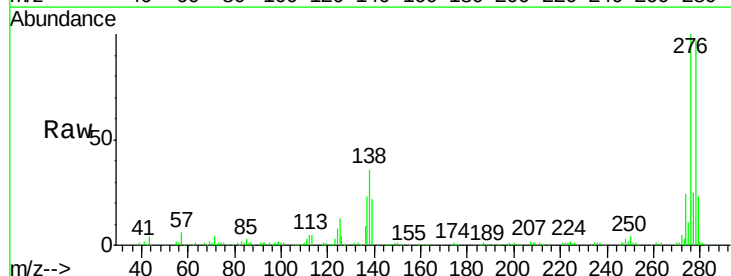


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

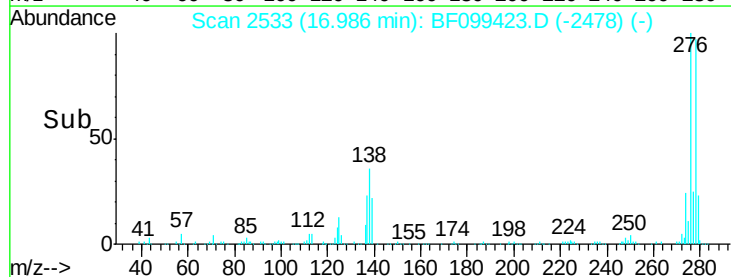
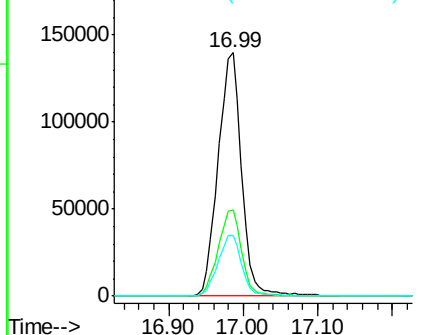


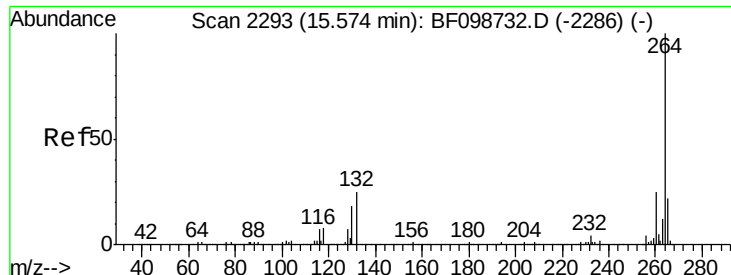
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.63 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.02 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.4	25.0	37.6
277	25.2	20.1	30.1



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

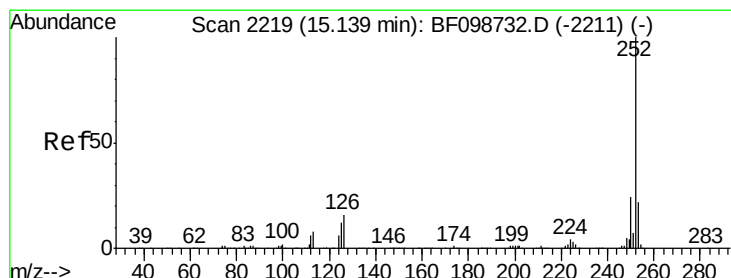
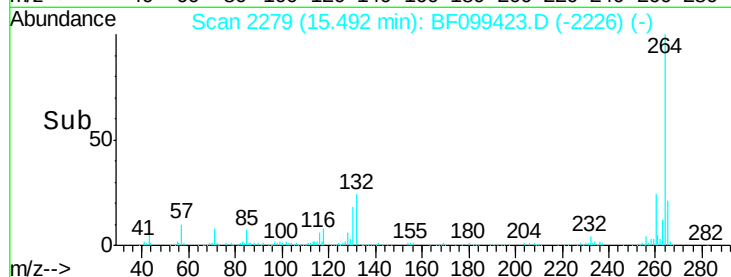
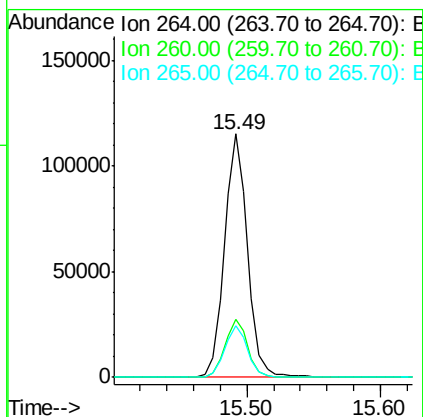
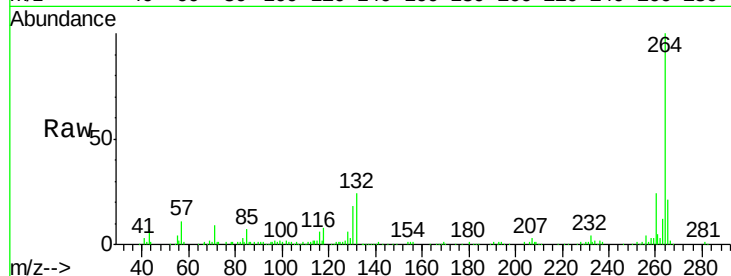




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

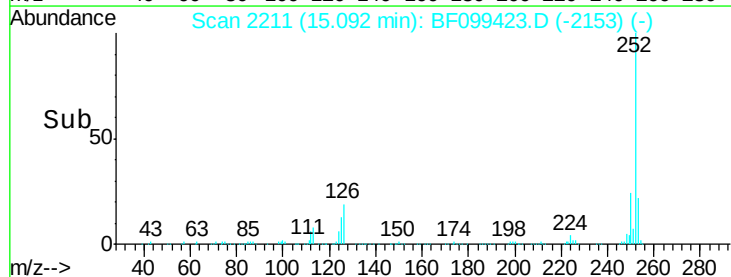
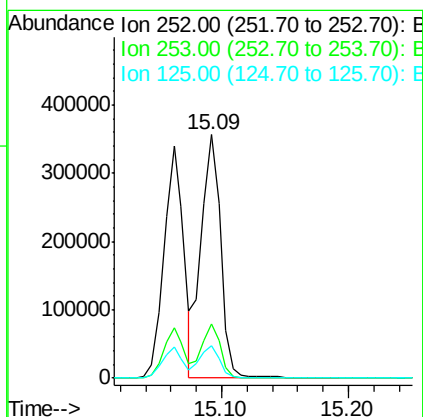
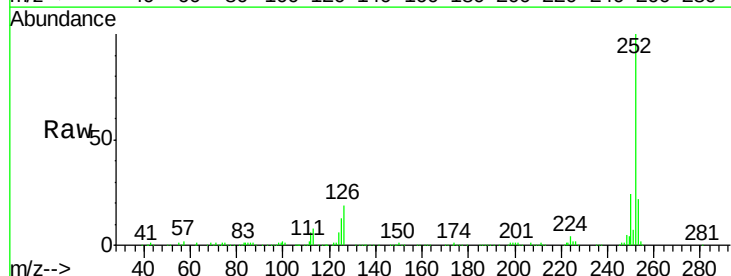
Instrument :
BNA_F
ClientSampled :

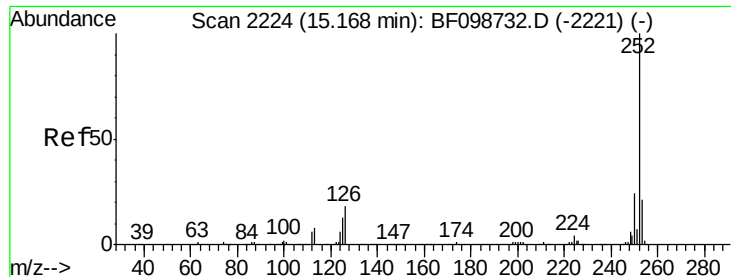
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 44.70 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.04 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	13.2	9.0	13.6

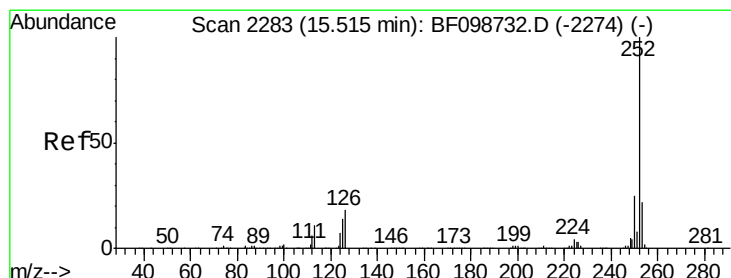
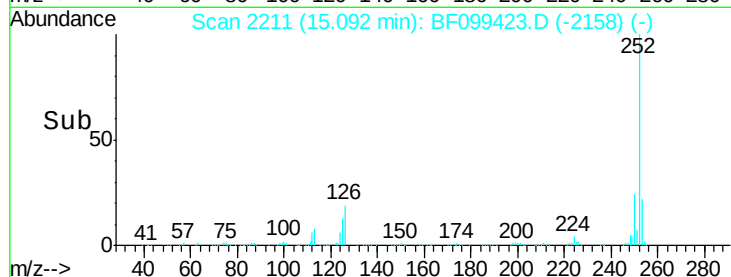
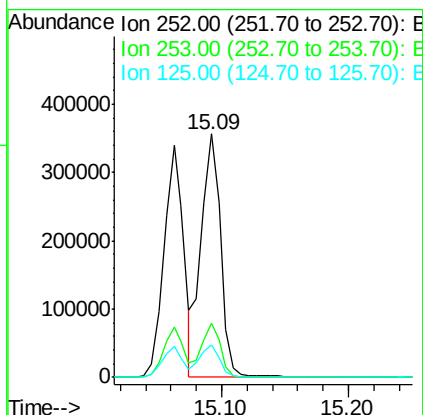
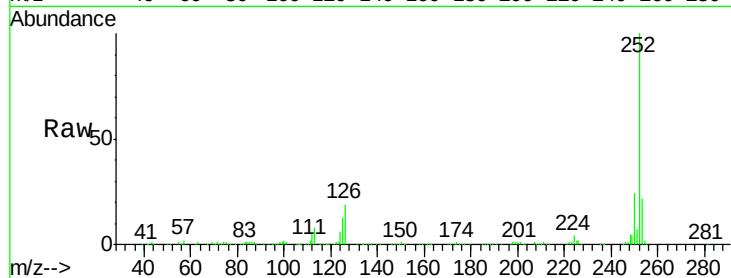




#88
Benzo(k)fluoranthene
Concen: 45.26 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

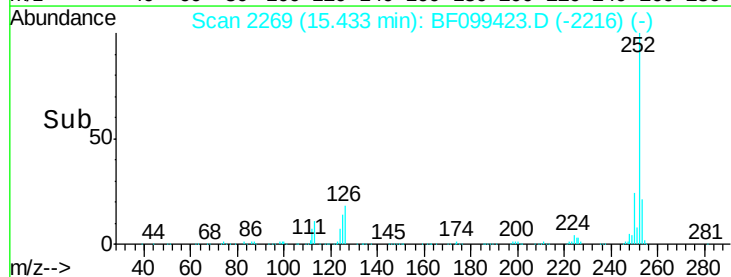
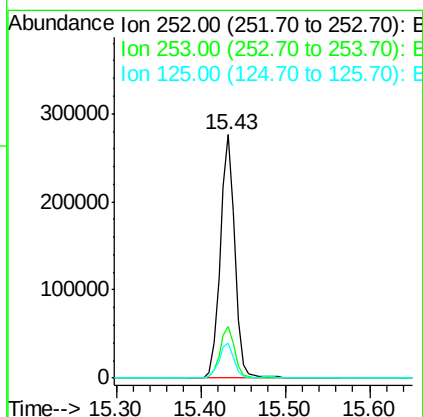
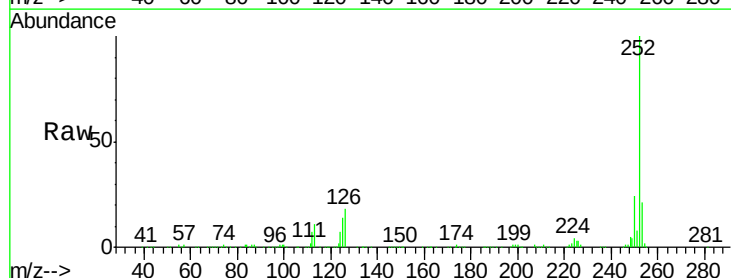
Instrument :
BNA_F
ClientSampled :

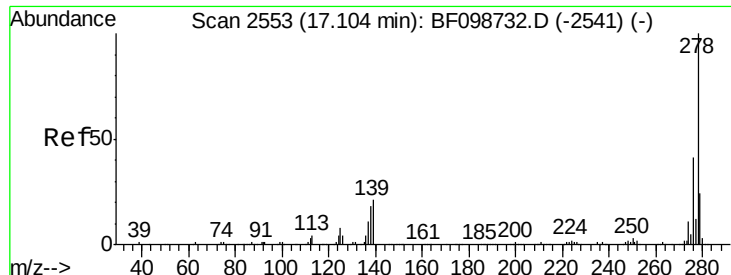
Tot Ion:252 Resp: 382543
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 13.2 10.2 15.2



#89
Benzo(a)pyrene
Concen: 42.70 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF099423.D
Acq: 13 Oct 2017 5:40

Tgt Ion:252 Resp: 335400
Ion Ratio Lower Upper
252 100
253 21.0 17.1 25.7
125 14.3 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 40.95 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

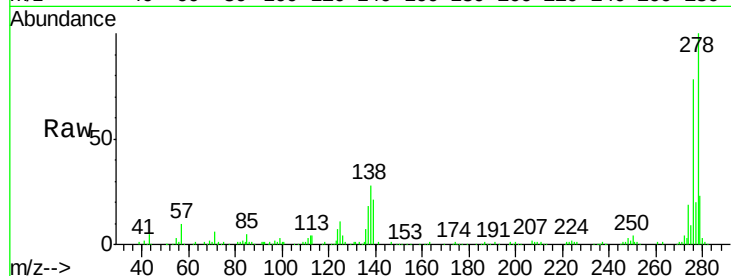
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 257399

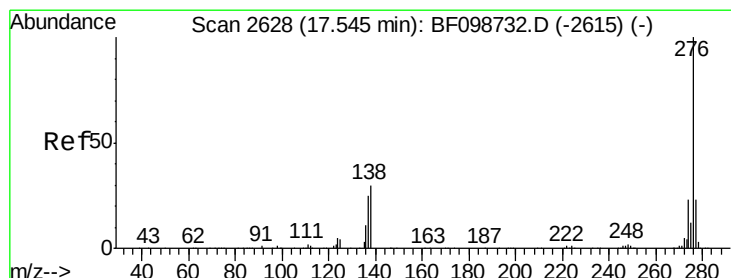
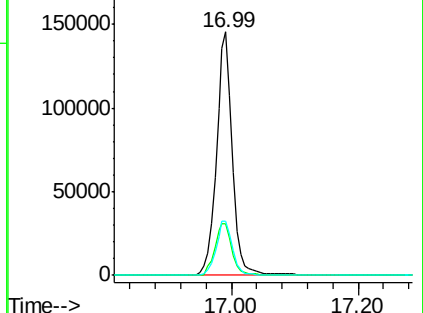
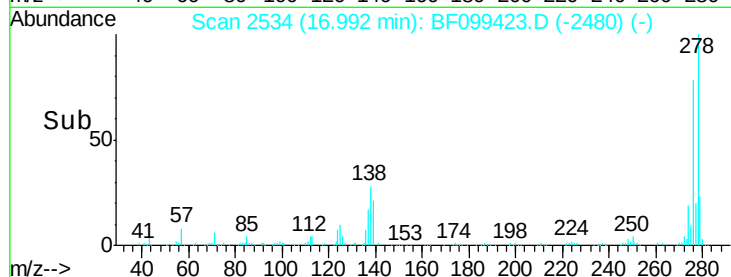
Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.9	23.9
279	22.5	19.0	28.4



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(g,h,i)perylene

Concen: 39.28 ng

RT: 17.43 min Scan# 2609

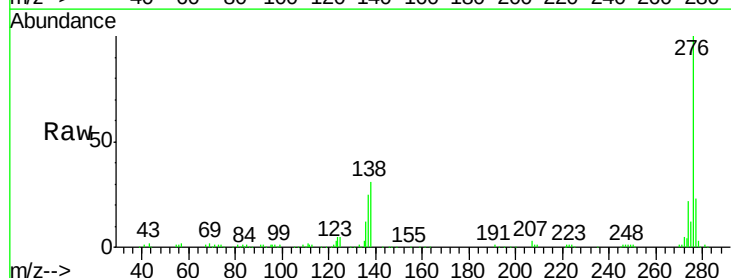
Delta R.T. 0.02 min

Lab File: BF099423.D

Acq: 13 Oct 2017 5:40

Tgt Ion:276 Resp: 244098

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	30.9	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

