

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099575.D
 Acq On : 17 Oct 2017 6:03
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 06:41:39 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	6.85	152	98882	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	395159	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	167297	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	249369	20.00	ng	0.00
75) Chrysene-d12	14.02	240	172380	20.00	ng	0.00
86) Perylene-d12	15.49	264	186285	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	519931	83.70	ng	0.00
7) Phenol-d6	6.49	99	617909	80.64	ng	0.00
23) Nitrobenzene-d5	7.42	82	496368	80.56	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	104981	76.69	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	897599	89.57	ng	0.00
78) Terphenyl-d14	12.95	244	628450	82.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	114896	38.72	ng	# 93
3) Pyridine	3.36	79	292815	36.48	ng	92
4) n-Nitrosodimethylamine	3.32	42	105518	31.00	ng	82
6) Aniline	6.51	93	392873	37.99	ng	99
8) 2-Chlorophenol	6.63	128	292932	41.64	ng	93
9) Benzaldehyde	6.40	77	150212	33.79	ng	94
10) Phenol	6.50	94	358099	41.79	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	262999	39.48	ng	98
12) 1,3-Dichlorobenzene	6.79	146	308266	41.84	ng	97
13) 1,4-Dichlorobenzene	6.86	146	310916	41.48	ng	98
14) 1,2-Dichlorobenzene	7.02	146	286666	41.39	ng	98
15) Benzyl Alcohol	6.99	79	194600	34.62	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	350144	33.73	ng	88
17) 2-Methylphenol	7.10	107	225700	39.21	ng	97
18) Hexachloroethane	7.35	117	102767	38.14	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	168122	34.36	ng	94
20) 3+4-Methylphenols	7.26	107	265533	36.47	ng	# 70
22) Acetophenone	7.26	105	361276	37.74	ng	# 96
24) Nitrobenzene	7.43	77	271665	38.87	ng	93
25) Isophorone	7.67	82	484232	38.01	ng	98
26) 2-Nitrophenol	7.75	139	153730	45.74	ng	92
27) 2,4-Dimethylphenol	7.78	122	245418	38.66	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	320757	40.40	ng	99
29) 2,4-Dichlorophenol	7.99	162	228861	41.99	ng	95
30) 1,2,4-Trichlorobenzene	8.07	180	234056	42.94	ng	98
31) Naphthalene	8.15	128	760826	40.99	ng	100
32) Benzoic acid	7.92	122	131814	25.28	ng	97
33) 4-Chloroaniline	8.20	127	315662	40.73	ng	95
34) Hexachlorobutadiene	8.26	225	118831	42.32	ng	99
35) Caprolactam	8.58	113	66472	38.02	ng	# 81
36) 4-Chloro-3-methylphenol	8.69	107	234884	38.34	ng	94
37) 2-Methylnaphthalene	8.84	142	485219	40.22	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	227325	45.56	ng	98
40) Hexachlorocyclopentadiene	8.99	237	30758	13.49	ng	98

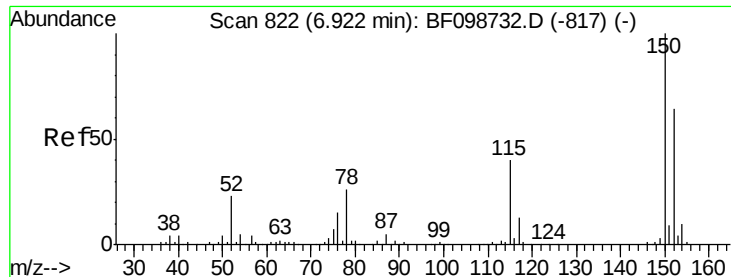
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	144724	40.95	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	148964	42.22	nq	96
45) 1,1'-Biphenyl	9.30	154	626110	43.55	nq	99
46) 2-Chloronaphthalene	9.33	162	467761	43.33	nq	96
47) 2-Nitroaniline	9.43	65	128156	38.77	nq	90
48) Acenaphthylene	9.75	152	684864	41.44	nq	100
49) Dimethylphthalate	9.60	163	548879	43.47	nq	100
50) 2,6-Dinitrotoluene	9.67	165	119509	43.48	nq	# 82
51) Acenaphthene	9.92	154	400702	38.28	nq	99
52) 3-Nitroaniline	9.85	138	134397	41.93	nq	93
53) 2,4-Dinitrophenol	9.96	184	8304	11.21	nq	# 90
54) Dibenzofuran	10.09	168	565649	40.58	nq	96
55) 4-Nitrophenol	10.01	139	101560	37.47	nq	88
56) 2,4-Dinitrotoluene	10.08	165	142405	39.92	nq	# 93
57) Fluorene	10.43	166	465074	41.51	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	90215	37.01	nq	97
59) Diethylphthalate	10.30	149	515775	41.80	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	214367	42.60	nq	94
61) 4-Nitroaniline	10.46	138	124572	40.28	nq	84
62) Azobenzene	10.58	77	412226	36.34	nq	93
64) 4,6-Dinitro-2-methylphenol	10.49	198	25898	17.07	nq	85
65) n-Nitrosodiphenylamine	10.54	169	416152	48.17	nq	98
66) 4-Bromophenyl-phenylether	10.91	248	117543	48.16	nq	94
67) Hexachlorobenzene	10.98	284	118316	45.38	nq	98
68) Atrazine	11.07	200	117581	45.24	nq	98
69) Pentachlorophenol	11.18	266	159884	98.54	nq	97
70) Phenanthrene	11.40	178	563891	42.25	nq	98
71) Anthracene	11.45	178	574433	42.06	nq	99
72) Carbazole	11.60	167	538440	40.26	nq	99
73) Di-n-butylphthalate	11.92	149	735792	45.71	nq	99
74) Fluoranthene	12.59	202	498958	36.92	nq	98
76) Benzidine	12.71	184	250175	39.24	nq	98
77) Pyrene	12.82	202	512614	39.00	nq	99
79) Butylbenzylphthalate	13.42	149	249991	40.47	nq	91
80) Benzo(a)anthracene	14.00	228	431491	41.34	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	167785	43.85	nq	99
82) Chrysene	14.04	228	426446	42.91	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	353283	41.53	nq	# 99
84) Di-n-octyl phthalate	14.59	149	633584	46.26	nq	95
85) Indeno(1,2,3-cd)pyrene	16.98	276	394615	49.64	nq	95
87) Benzo(b)fluoranthene	15.06	252	474996	41.47	nq	# 97
88) Benzo(k)fluoranthene	15.09	252	432609	38.24	nq	98
89) Benzo(a)pyrene	15.43	252	440097	41.86	nq	# 97
90) Dibenzo(a,h)anthracene	16.99	278	336819	40.03	nq	98
91) Benzo(g,h,i)perylene	17.43	276	305474	36.73	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampled :

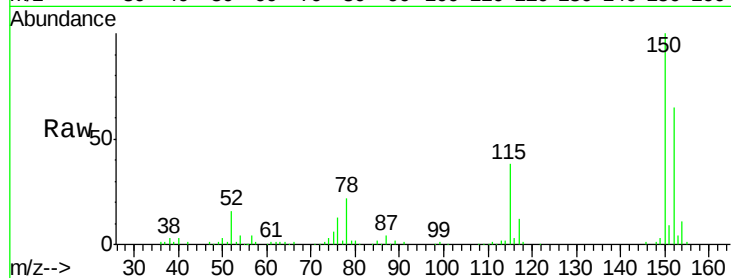
Tot Ion:152 Resp: 98882

Ion Ratio Lower Upper

152 100

150 153.8 124.6 186.8

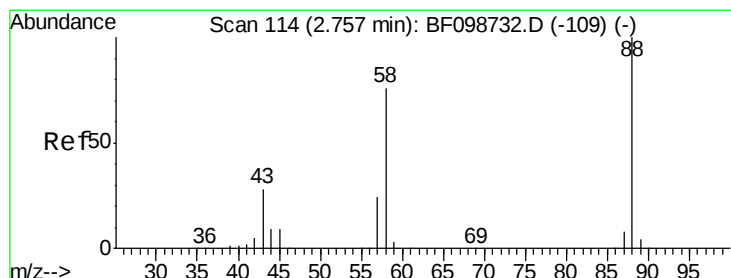
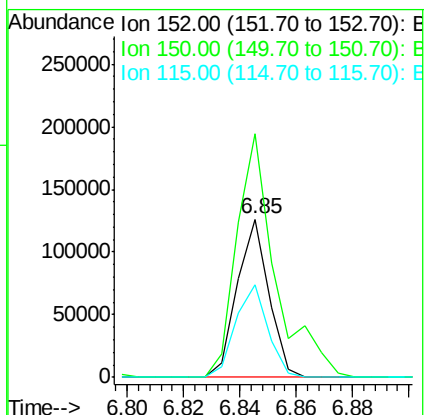
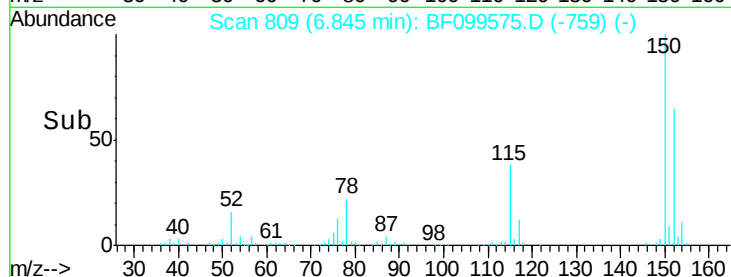
115 58.4 50.1 75.1



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: 38.72 ng

RT: 2.58 min Scan# 84

Delta R.T. -0.04 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

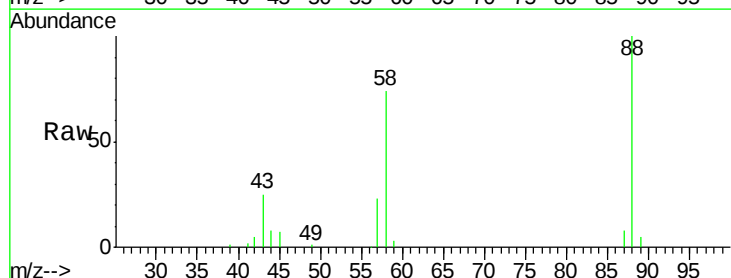
Tgt Ion: 88 Resp: 114896

Ion Ratio Lower Upper

88 100

58 73.2 62.6 93.8

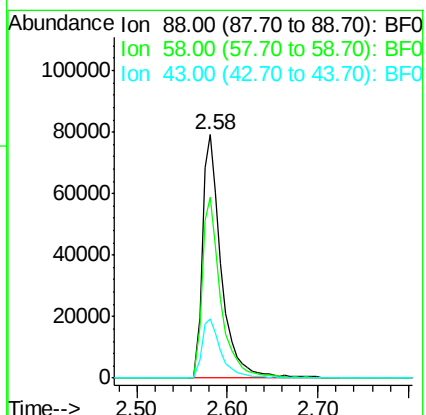
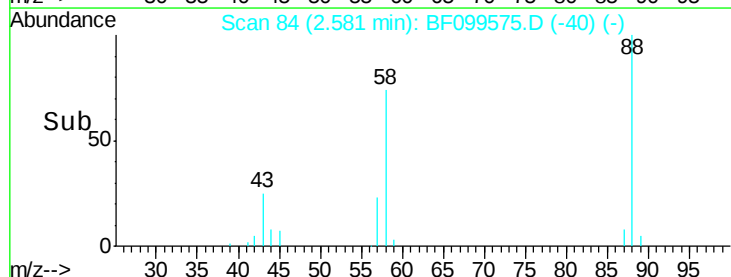
43 24.5 24.6 37.0#

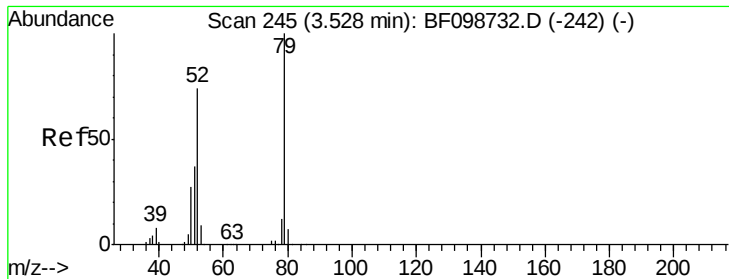


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.48 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.04 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampleId :

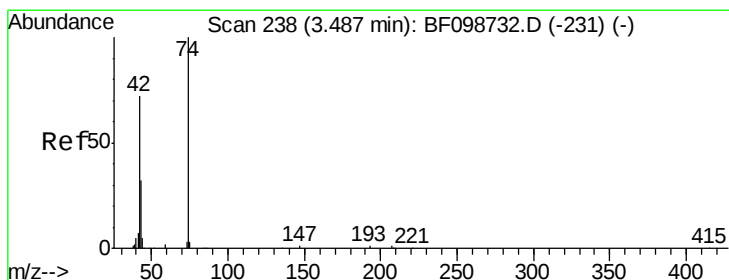
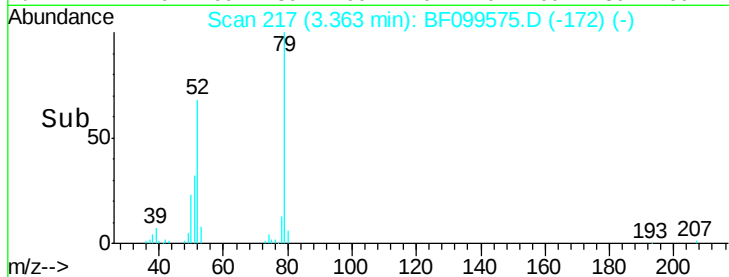
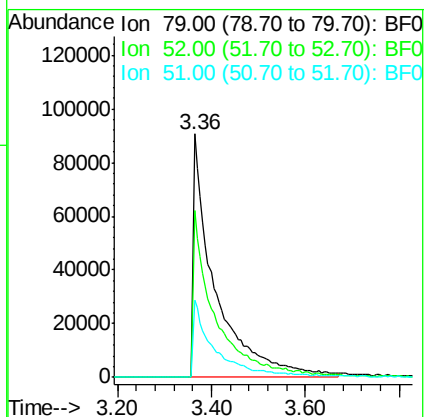
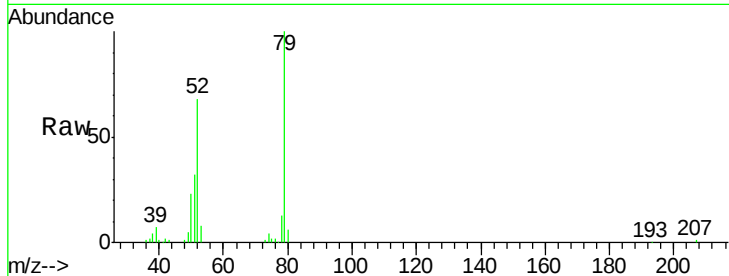
Tot Ion: 79 Resp: 292815

Ion Ratio Lower Upper

79 100

52 68.3 59.8 89.6

51 31.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 31.00 ng

RT: 3.32 min Scan# 209

Delta R.T. -0.04 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

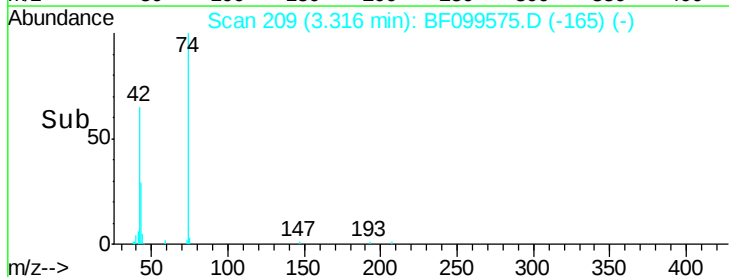
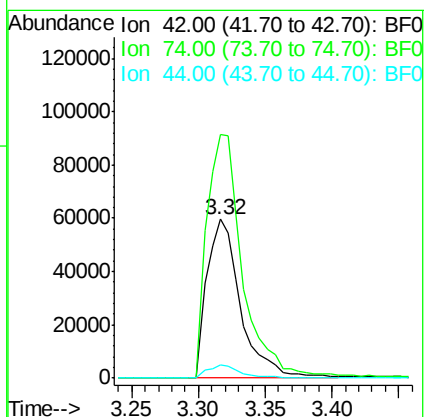
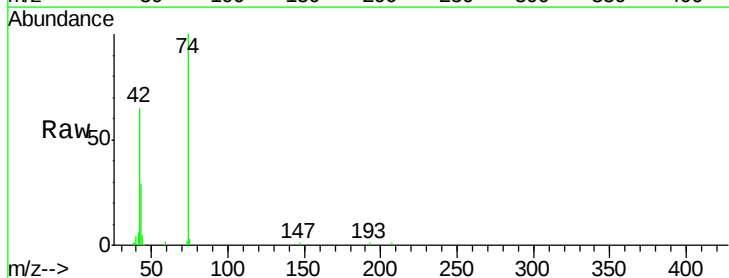
Tgt Ion: 42 Resp: 105518

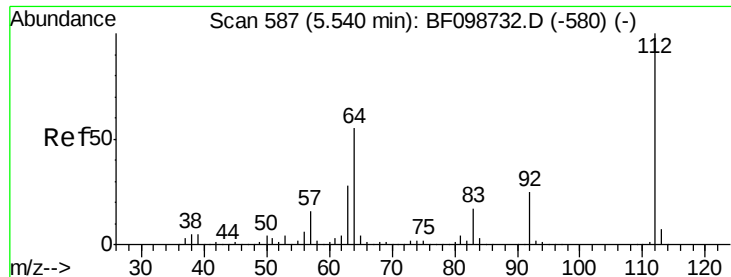
Ion Ratio Lower Upper

42 100

74 153.5 104.9 157.3

44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 83.70 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF099575.D

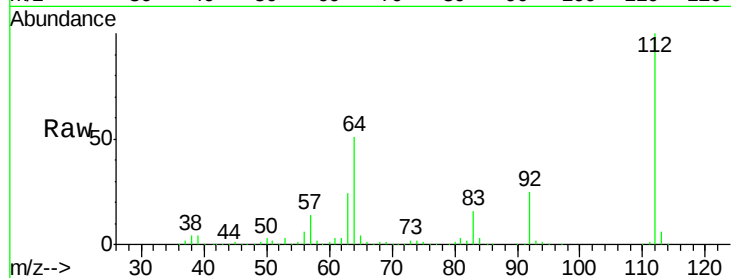
Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampleId :

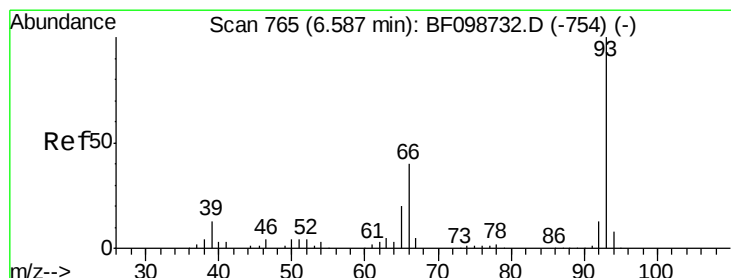
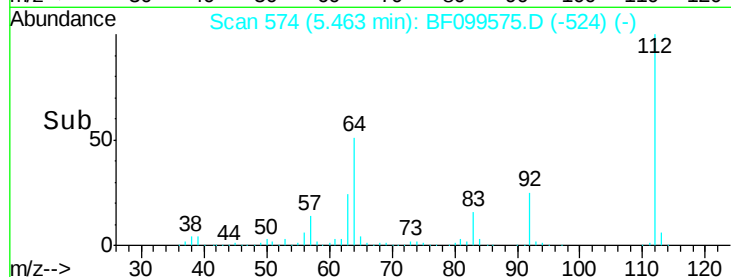
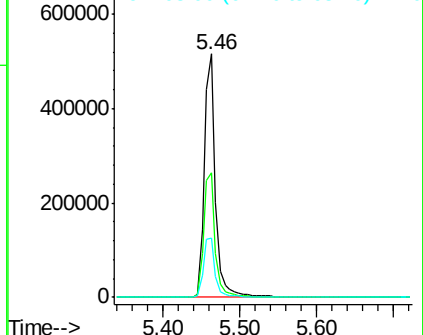
Tot Ion:	112	Resp:	519931
Ion	Ratio	Lower	Upper
112	100		
64	51.1	47.9	71.9
63	24.3	23.7	35.5



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: 37.99 ng

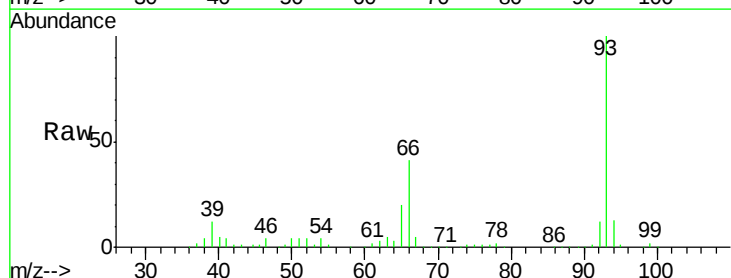
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

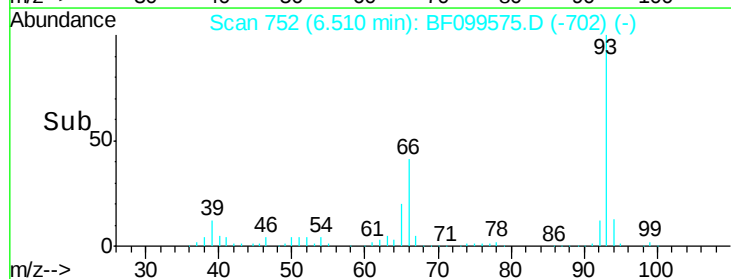
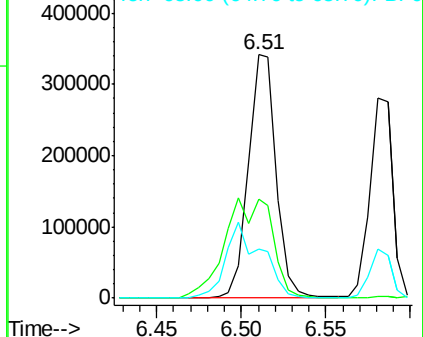
Tgt Ion:	93	Resp:	392873
Ion	Ratio	Lower	Upper
93	100		
66	40.6	32.2	48.2
65	20.1	16.4	24.6

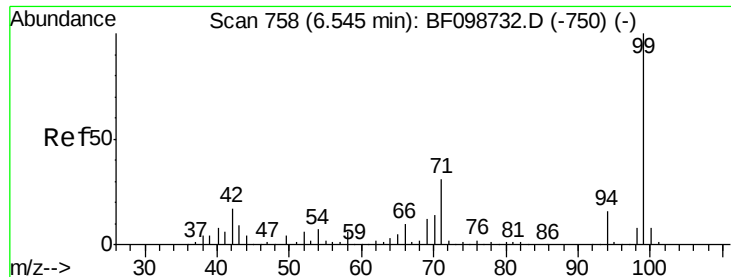


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.64 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampleId :

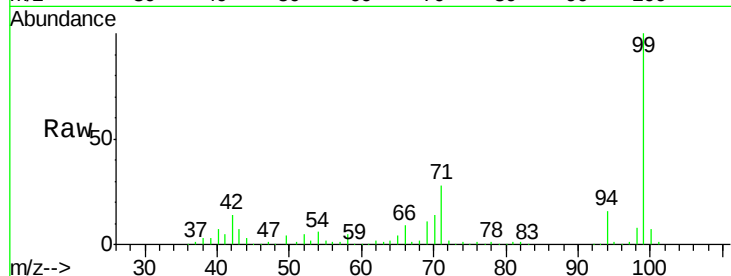
Tot Ion: 99 Resp: 617909

Ion Ratio Lower Upper

99 100

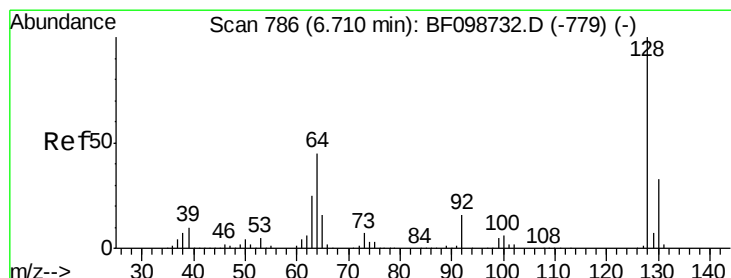
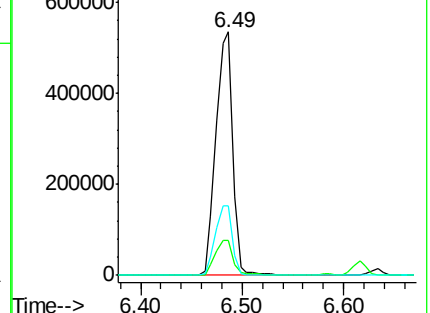
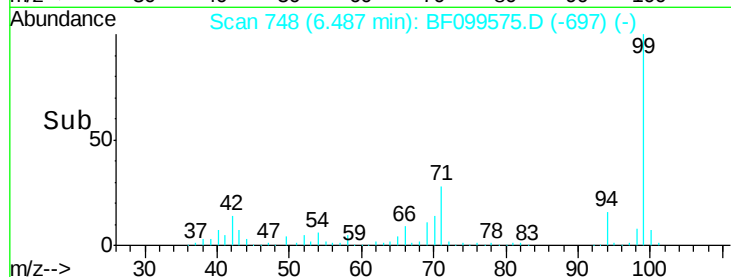
42 14.4 14.5 21.7#

71 28.5 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

6.49



#8

2-Chlorophenol

Concen: 41.64 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

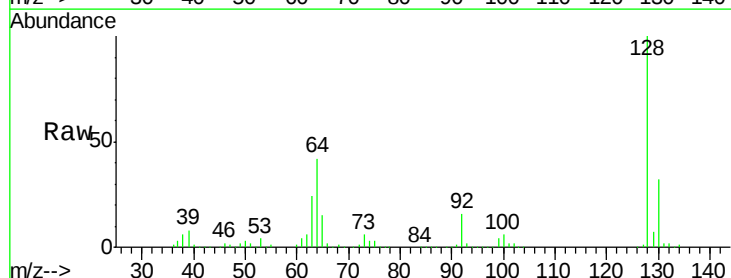
Tgt Ion: 128 Resp: 292932

Ion Ratio Lower Upper

128 100

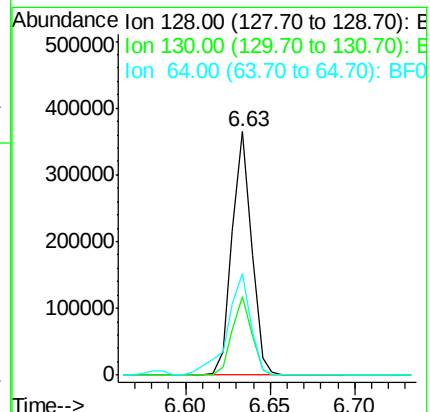
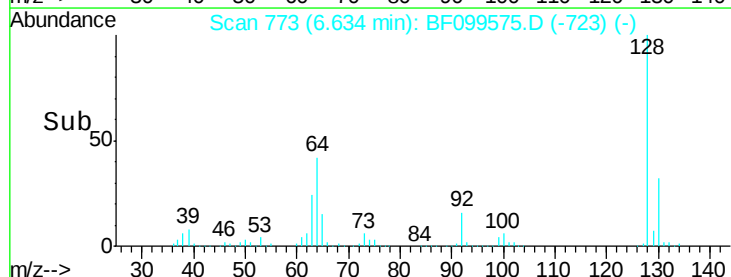
130 32.2 13.0 53.0

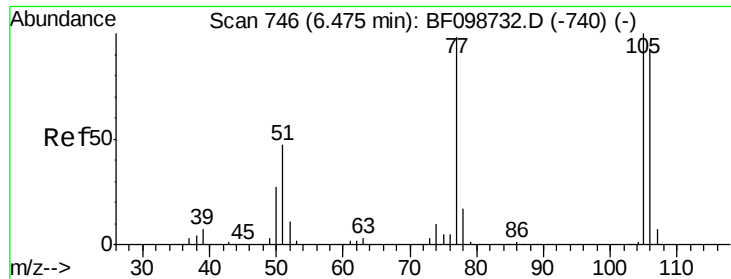
64 41.8 29.4 69.4



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

6.63

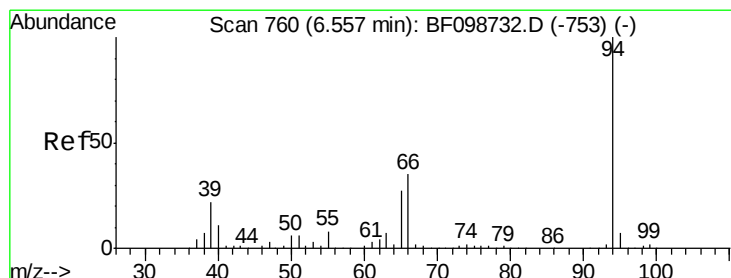
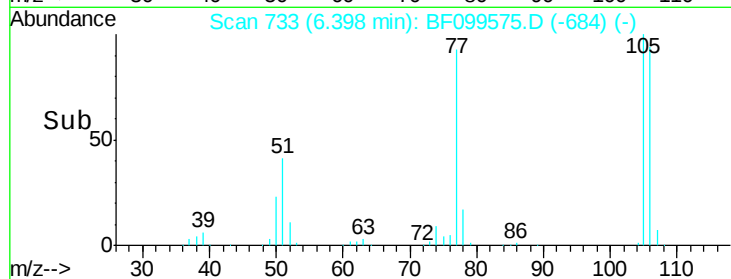
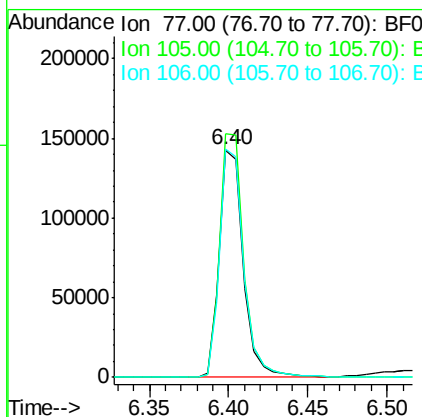
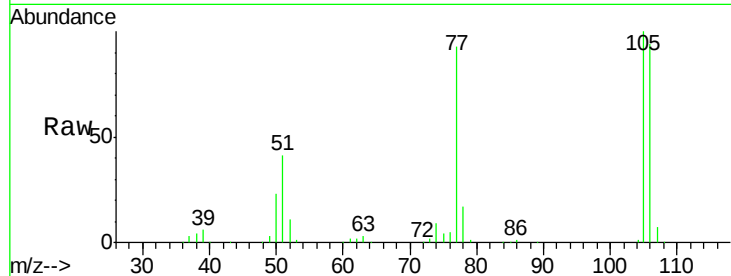




#9
Benzaldehyde
Concen: 33.79 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

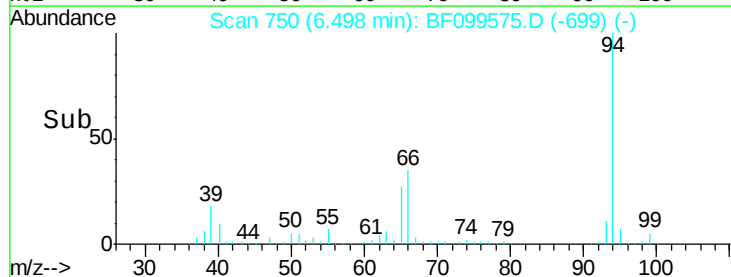
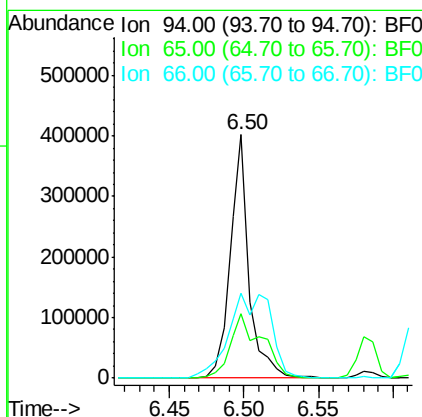
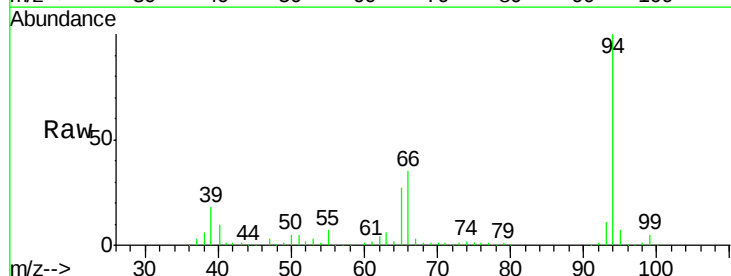
Instrument :
BNA_F
ClientSampleId :

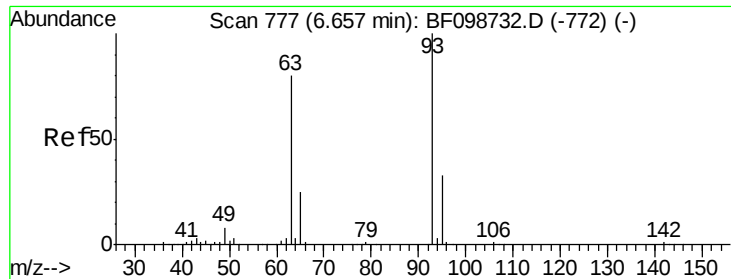
Tot Ion: 77 Resp: 150212
Ion Ratio Lower Upper
77 100
105 107.0 81.1 121.1
106 100.4 74.5 114.5



#10
Phenol
Concen: 41.79 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion: 94 Resp: 358099
Ion Ratio Lower Upper
94 100
65 26.7 7.9 47.9
66 34.8 16.2 56.2

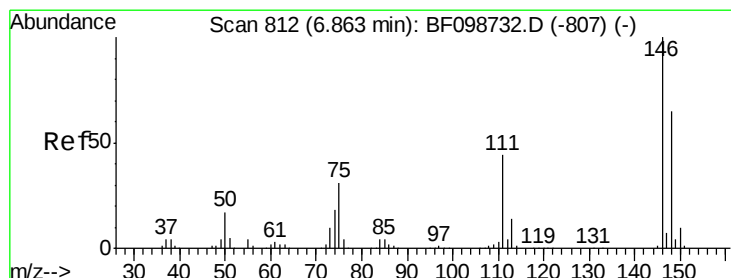
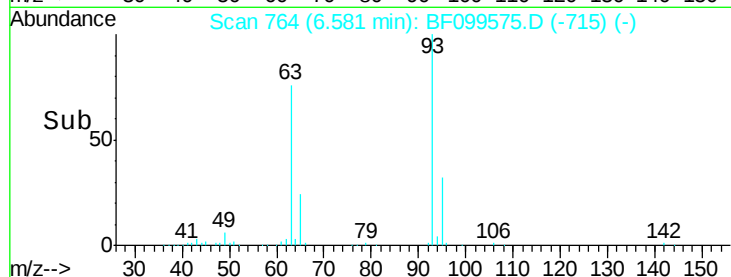
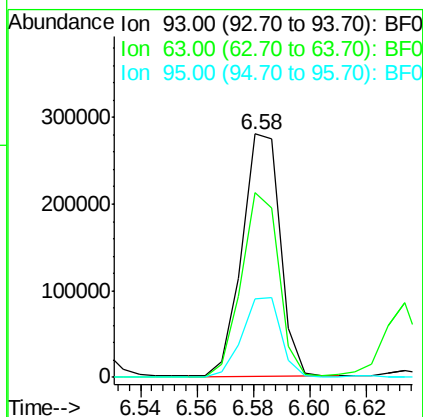
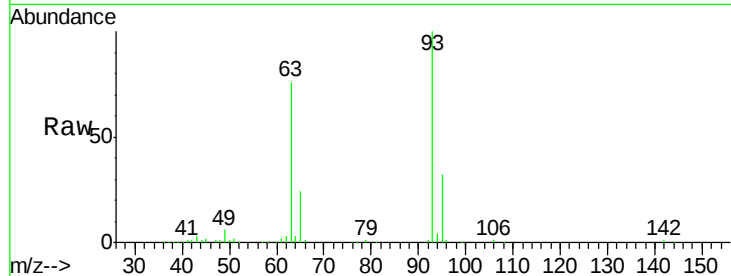




#11
bis(2-Chloroethyl)ether
Concen: 39.48 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

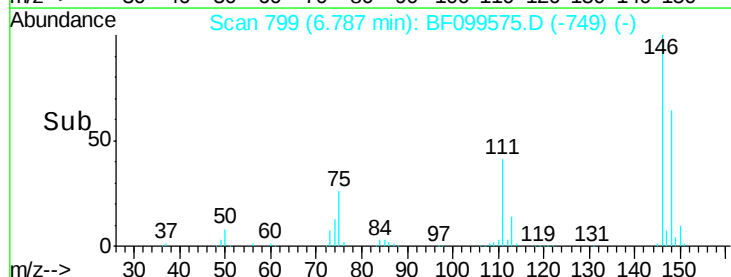
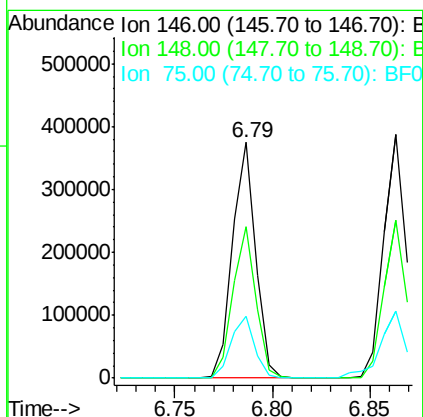
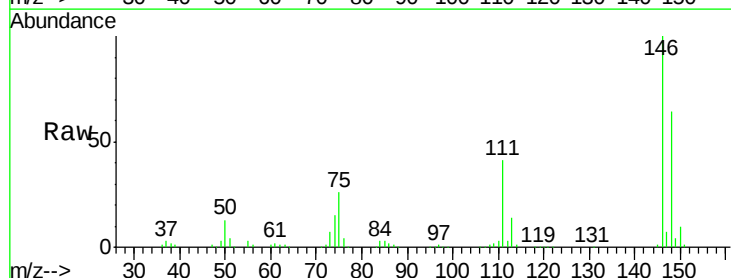
Instrument :
BNA_F
ClientSampleId :

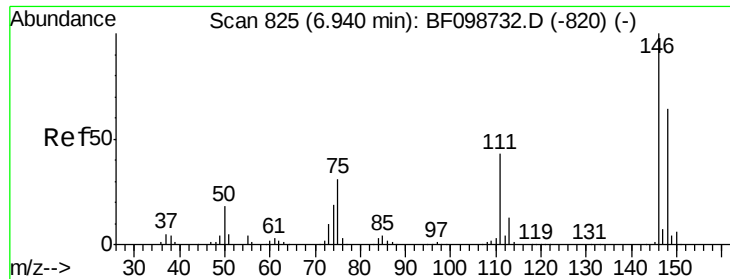
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	58.6	98.6
95	32.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 41.84 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	26.3	24.2	36.4

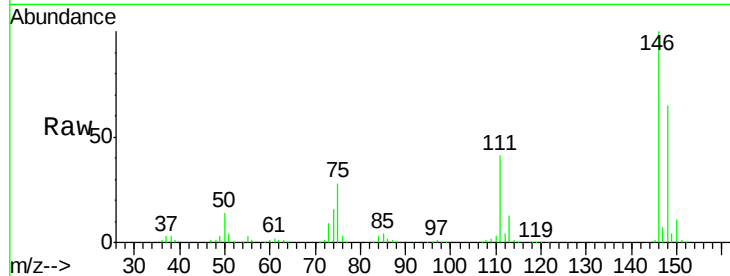




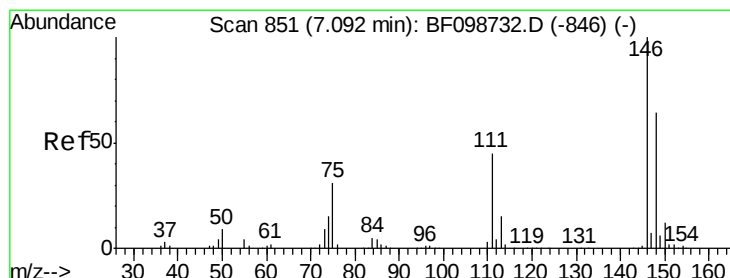
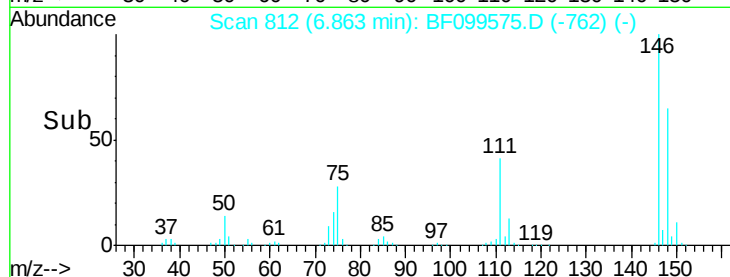
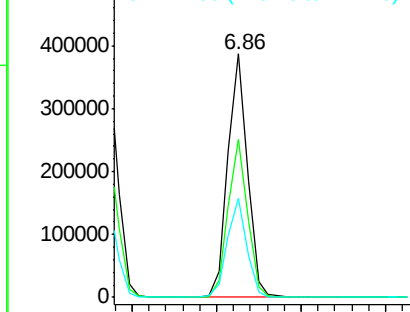
#13
 1,4-Dichlorobenzene
 Concen: 41.48 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 310916
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 40.8 34.2 51.2

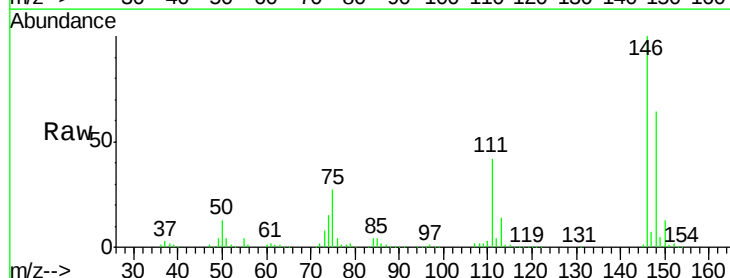


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

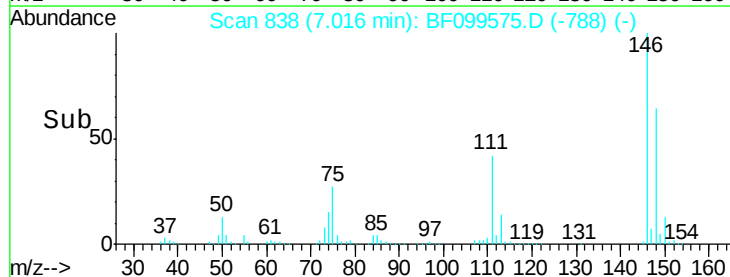
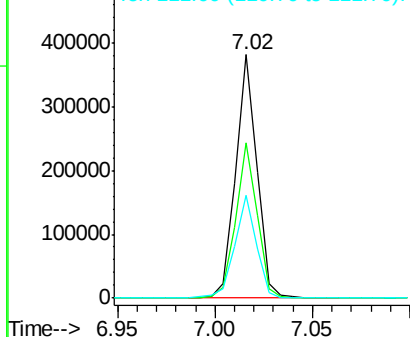


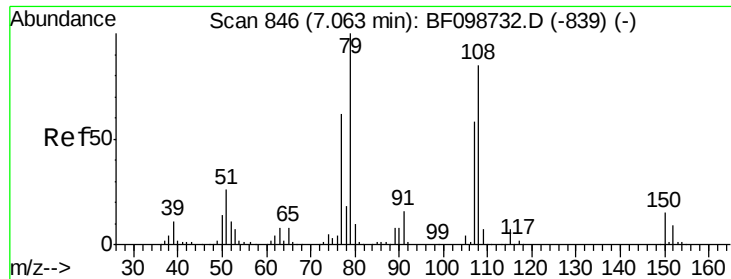
#14
 1,2-Dichlorobenzene
 Concen: 41.39 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Tgt Ion:146 Resp: 286666
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 42.1 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

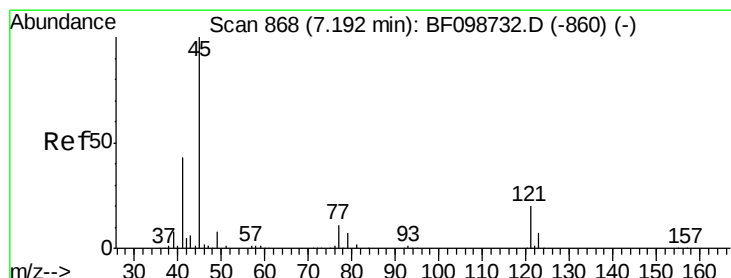
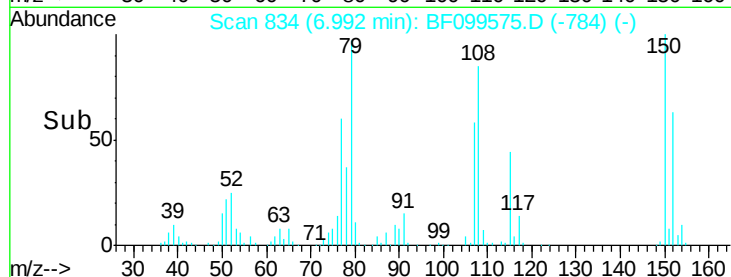
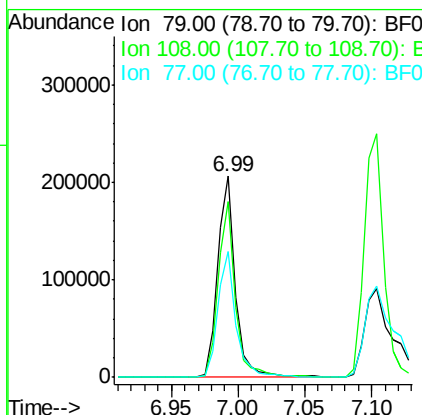
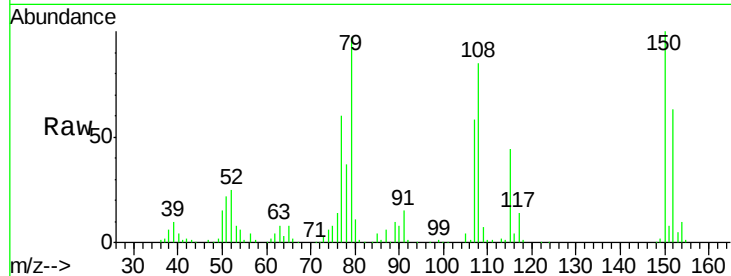




#15
Benzyl Alcohol
Concen: 34.62 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

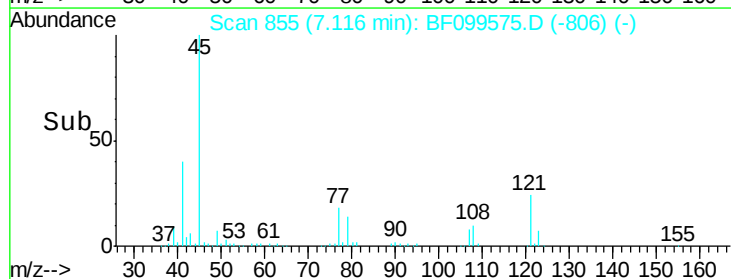
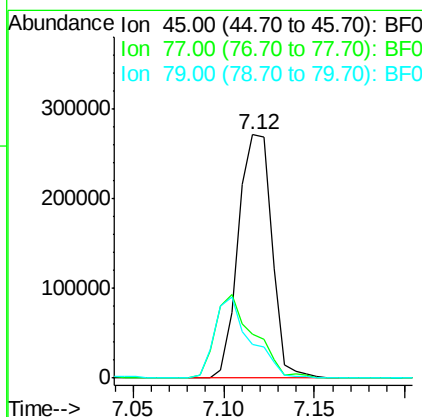
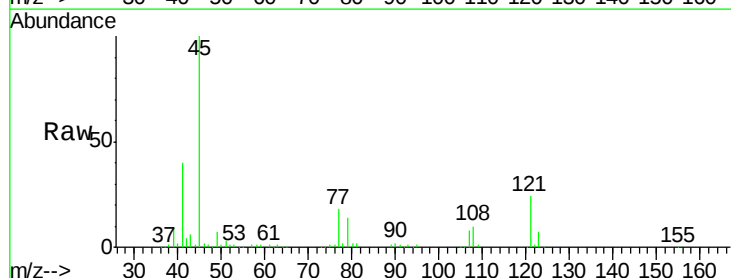
Instrument :
BNA_F
ClientSampled :

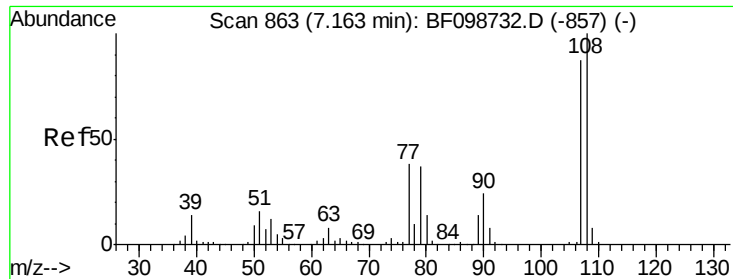
Tot Ion: 79 Resp: 194600
Ion Ratio Lower Upper
79 100
108 87.6 65.1 97.7
77 62.4 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.73 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion: 45 Resp: 350144
Ion Ratio Lower Upper
45 100
77 17.8 0.0 32.9
79 14.0 0.0 29.6

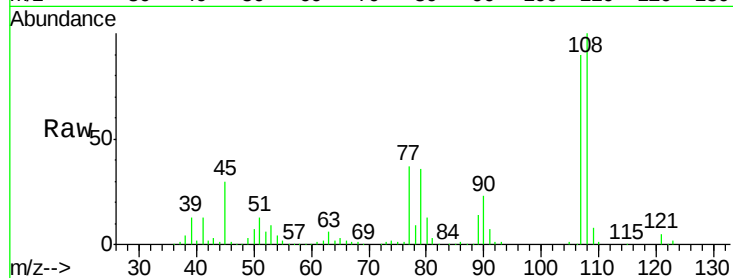




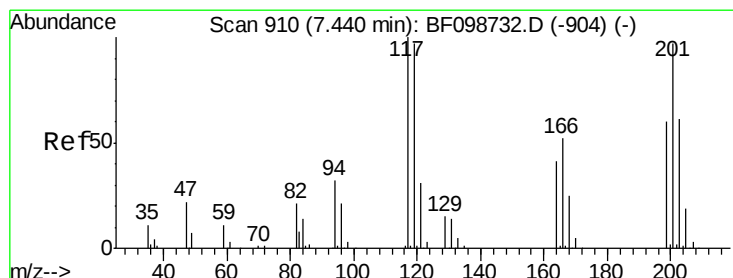
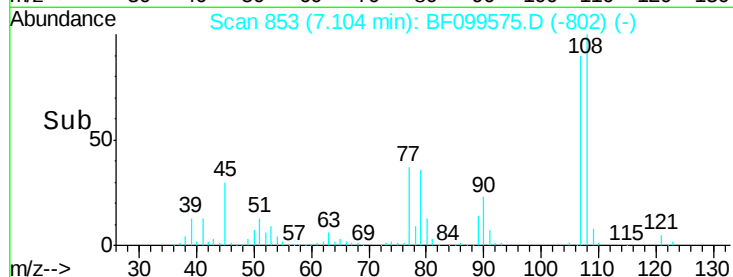
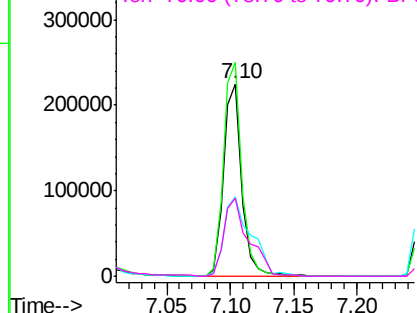
#17
2-Methylphenol
Concen: 39.21 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.7	137.5
77	41.5	33.8	50.8
79	40.3	33.8	50.8

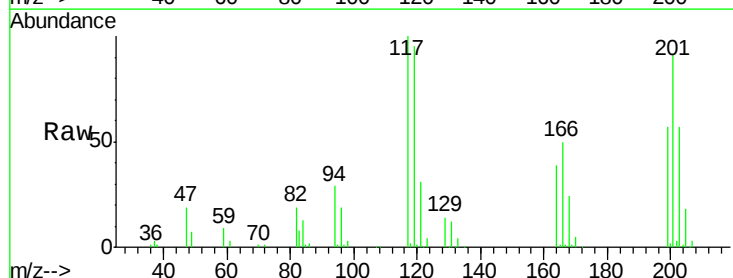


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

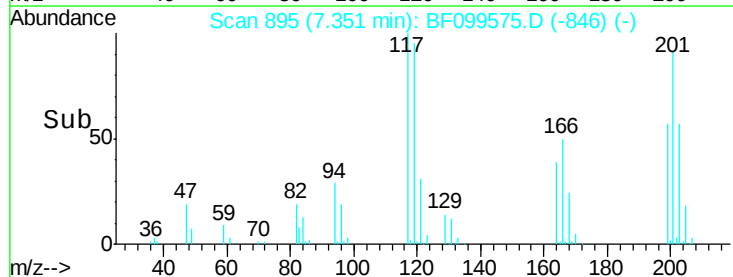
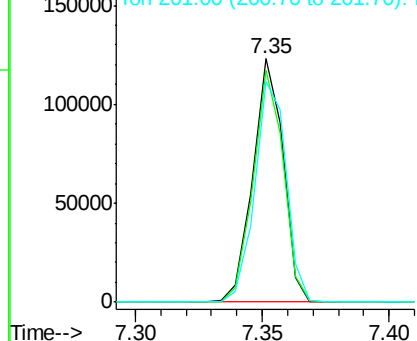


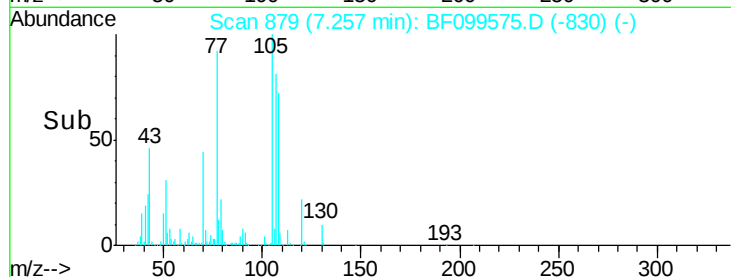
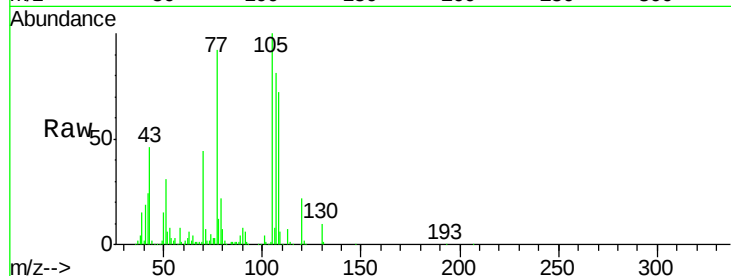
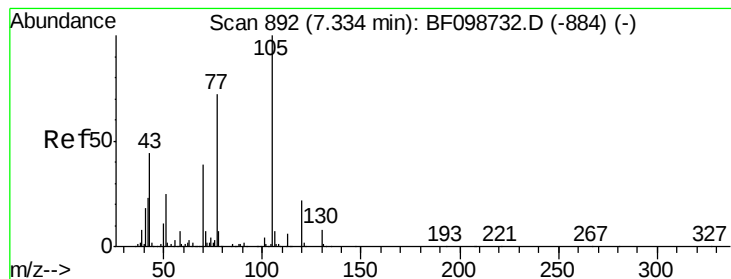
#18
Hexachloroethane
Concen: 38.14 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	90.8	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: 34.36 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 168122

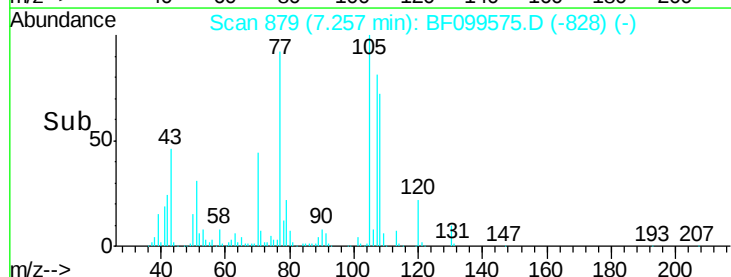
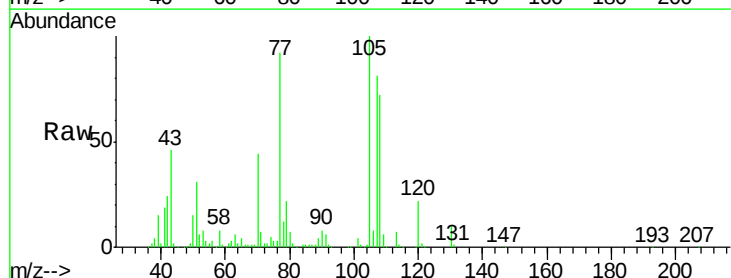
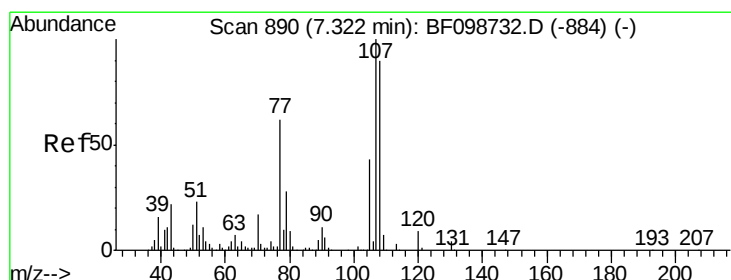
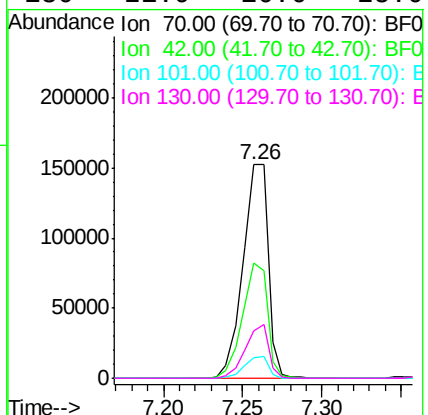
Ion Ratio Lower Upper

70 100

42 53.8 47.5 71.3

101 9.8 7.4 11.2

130 21.9 16.6 25.0



#20

3+4-Methylphenols

Concen: 36.47 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Tgt Ion:107 Resp: 265533

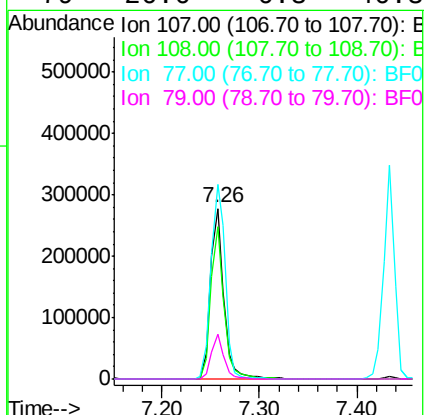
Ion Ratio Lower Upper

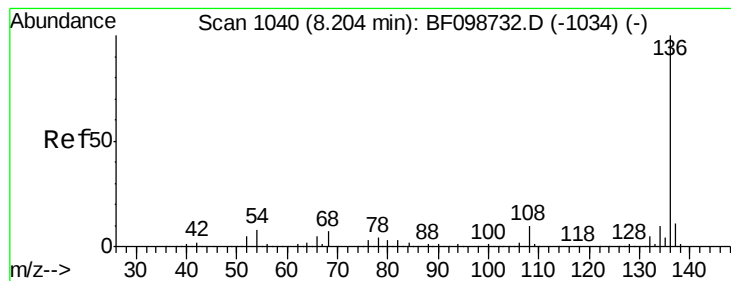
107 100

108 89.7 68.2 108.2

77 114.0 26.7 66.7#

79 26.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 395159

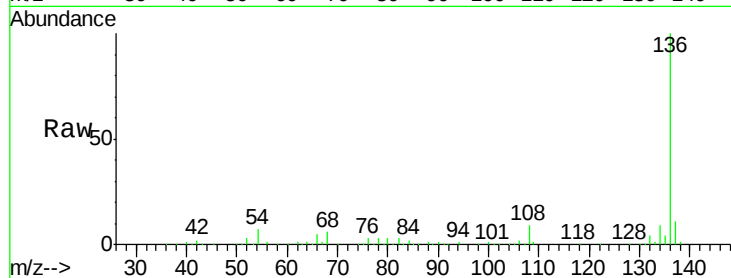
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 5.7 5.0 7.4

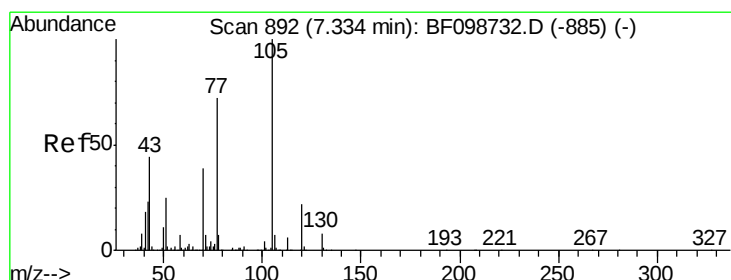
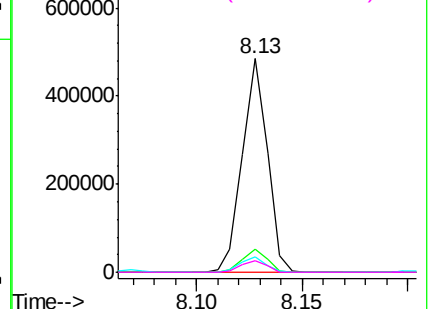
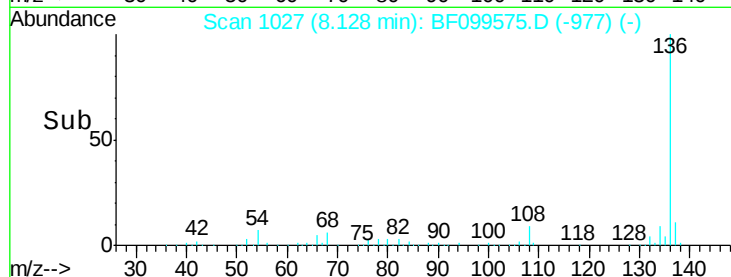


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.74 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Tgt Ion:105 Resp: 361276

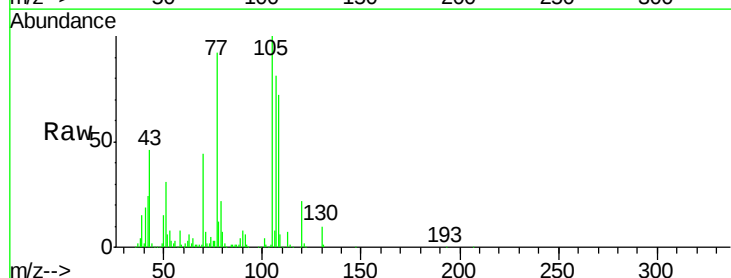
Ion Ratio Lower Upper

105 100

71 7.4 4.4 6.6#

51 30.6 22.3 33.5

120 21.7 16.9 25.3

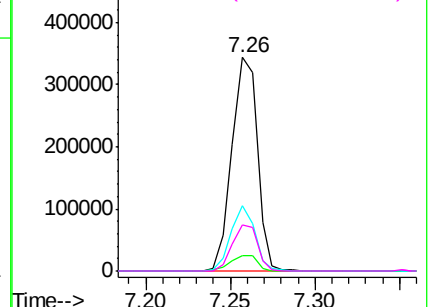
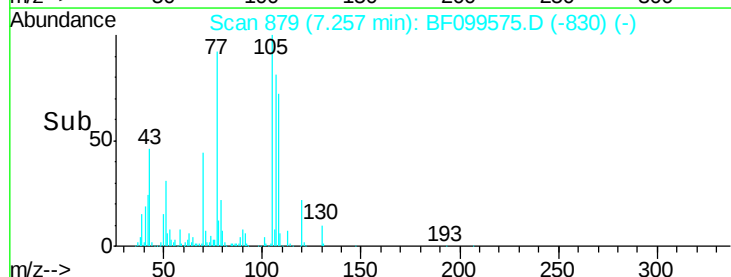


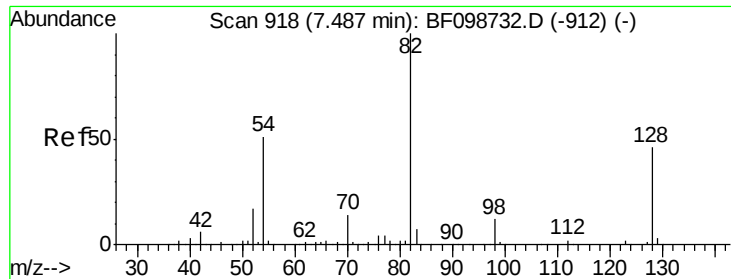
Abundance Ion 105.00 (104.70 to 105.70): E

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

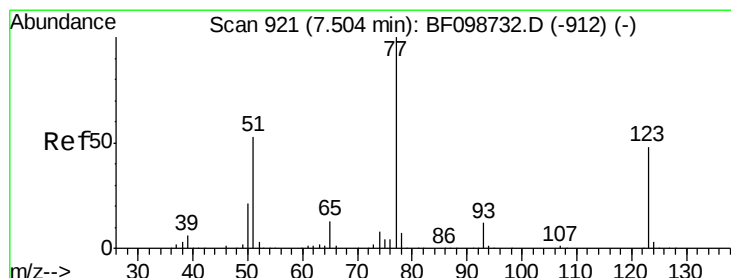
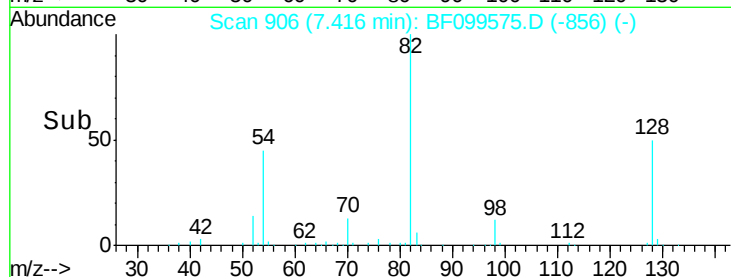
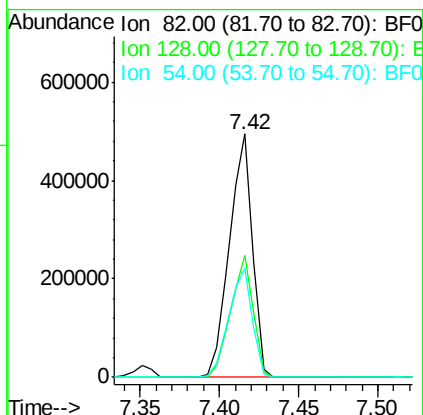
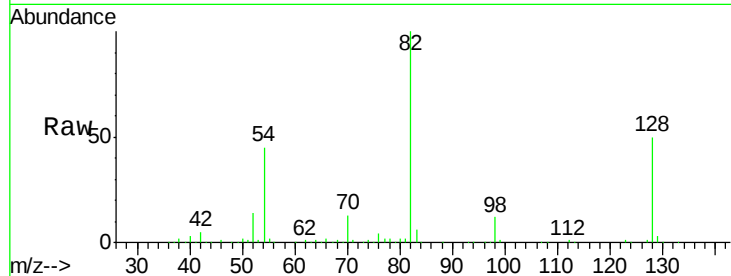




#23
 Nitrobenzene-d5
 Concen: 80.56 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

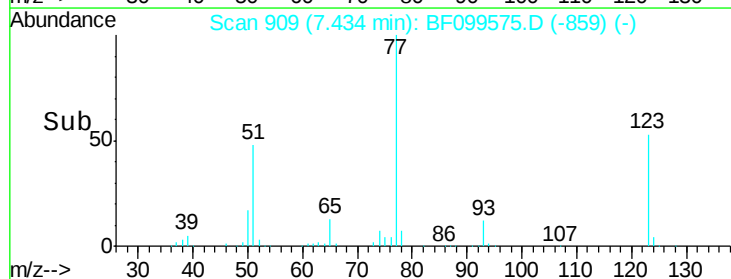
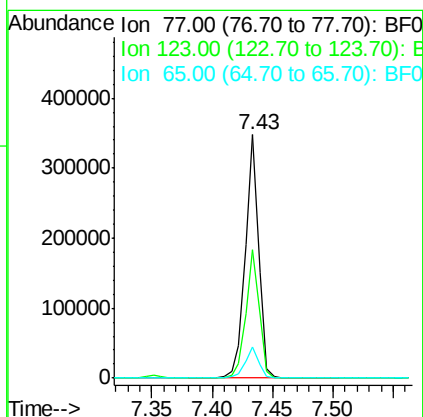
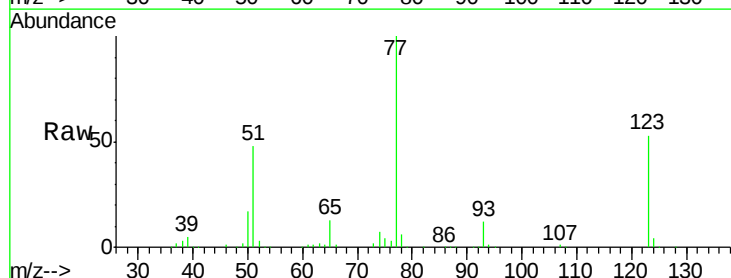
Instrument :
 BNA_F
 ClientSampleId :

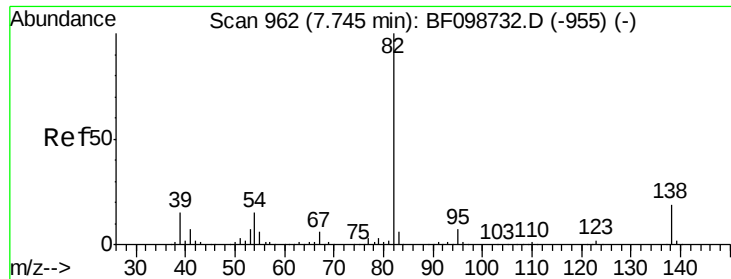
Tot Ion: 82 Resp: 496368
 Ion Ratio Lower Upper
 82 100
 128 50.2 36.1 54.1
 54 45.0 41.4 62.2



#24
 Nitrobenzene
 Concen: 38.87 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Tgt Ion: 77 Resp: 271665
 Ion Ratio Lower Upper
 77 100
 123 52.6 37.9 56.9
 65 12.6 11.0 16.4

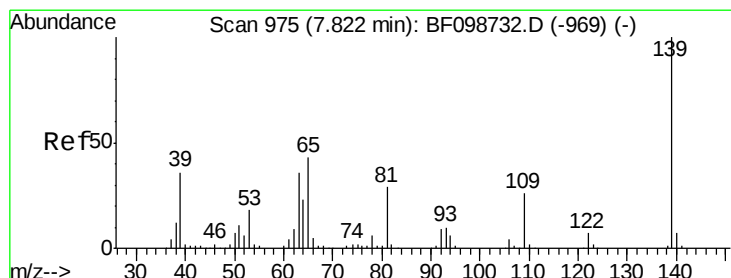
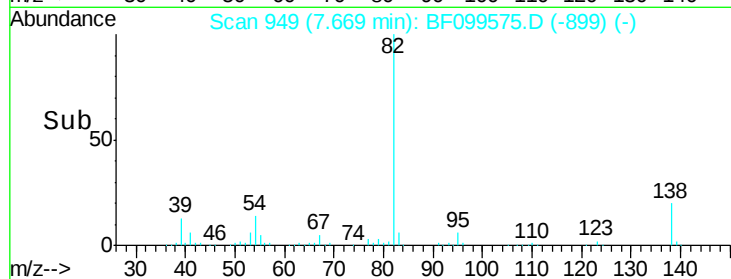
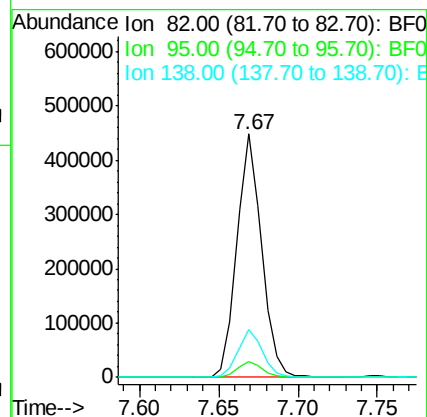
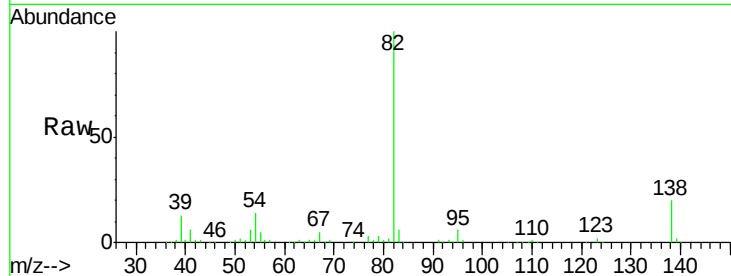




#25
Isophorone
Concen: 38.01 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

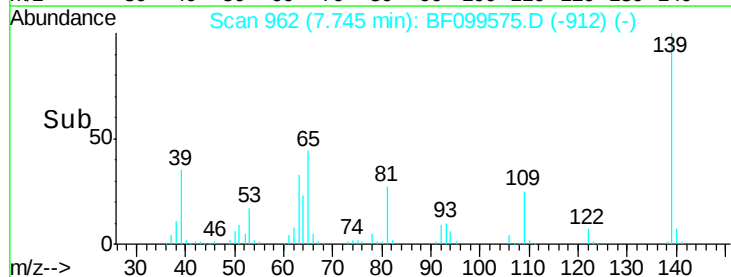
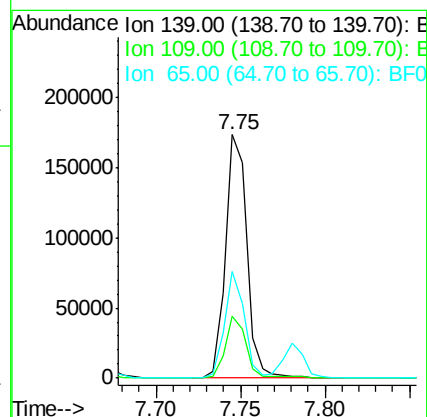
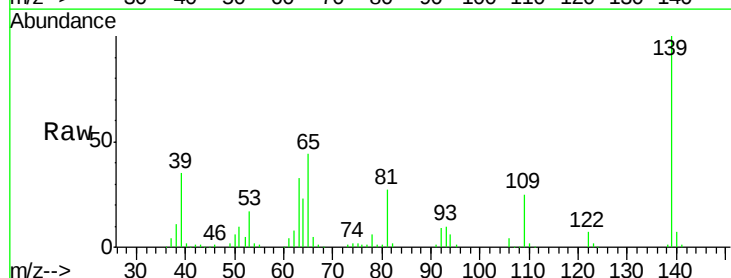
Instrument :
BNA_F
ClientSampleId :

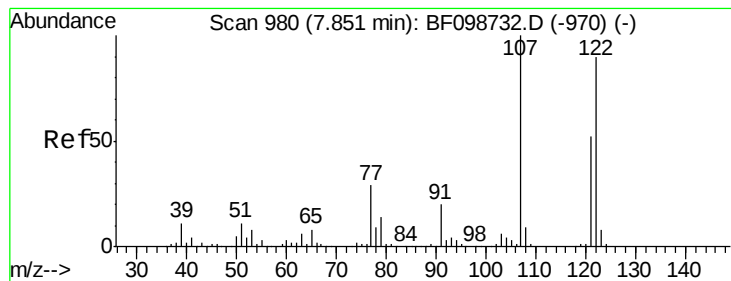
Tot Ion: 82 Resp: 484232
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 19.9 14.9 22.3



#26
2-Nitrophenol
Concen: 45.74 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion: 139 Resp: 153730
Ion Ratio Lower Upper
139 100
109 25.3 22.7 34.1
65 44.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.66 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampleId :

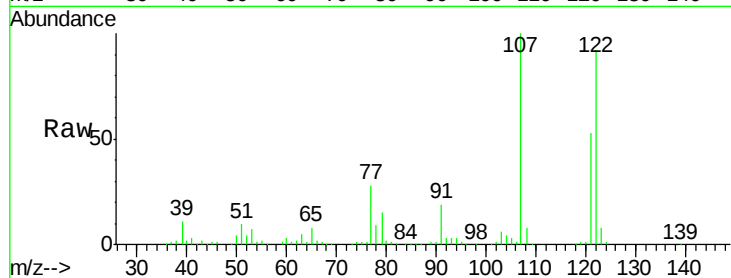
Tot Ion:122 Resp: 245418

Ion Ratio Lower Upper

122 100

107 108.5 91.2 136.8

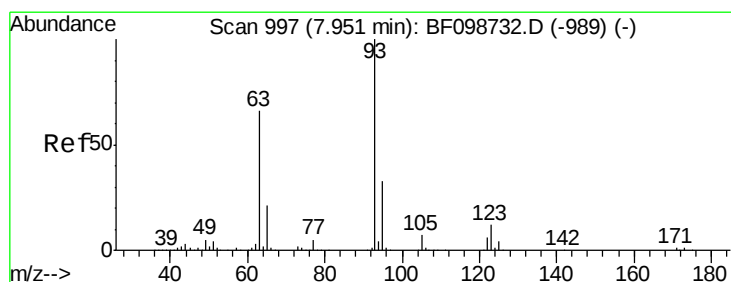
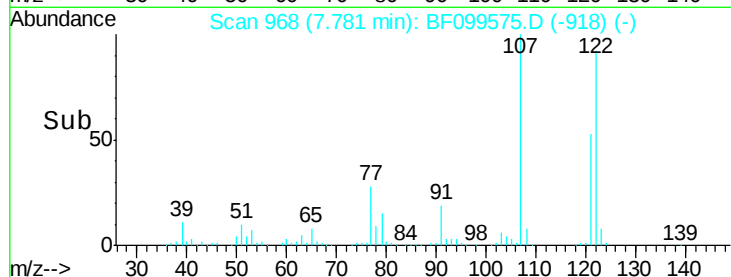
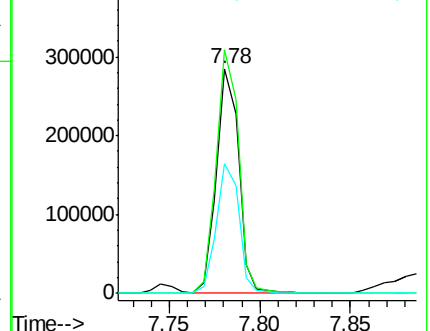
121 57.8 47.2 70.8



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: 40.40 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

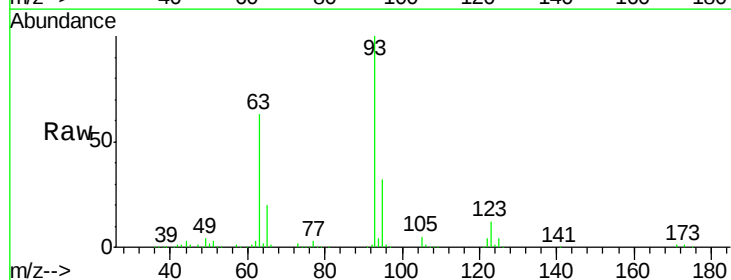
Tgt Ion: 93 Resp: 320757

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

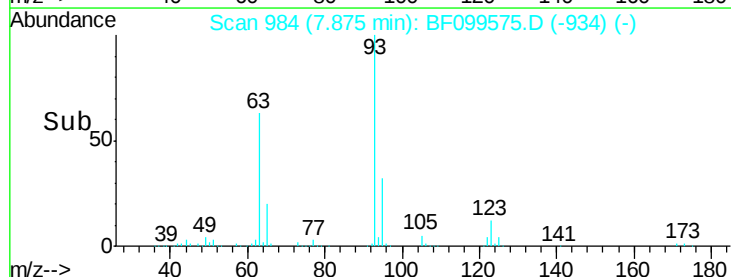
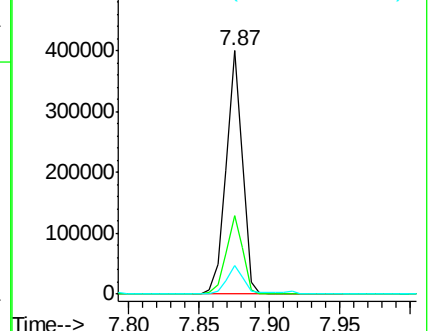
123 11.6 9.8 14.6

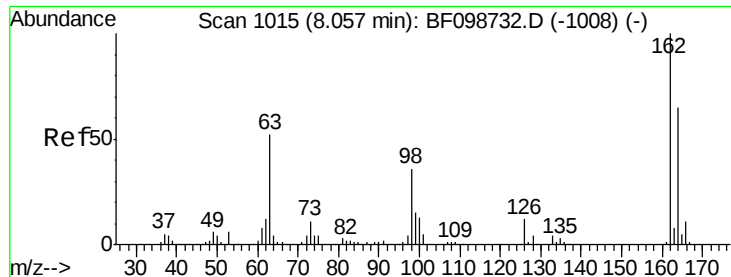


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

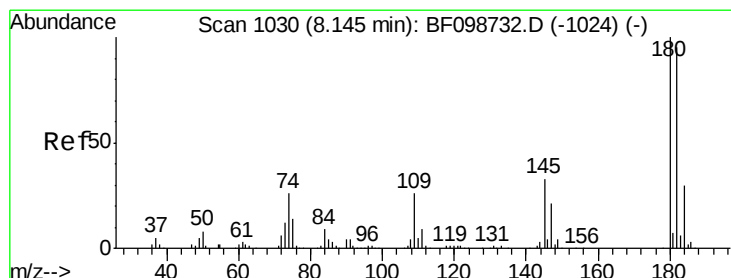
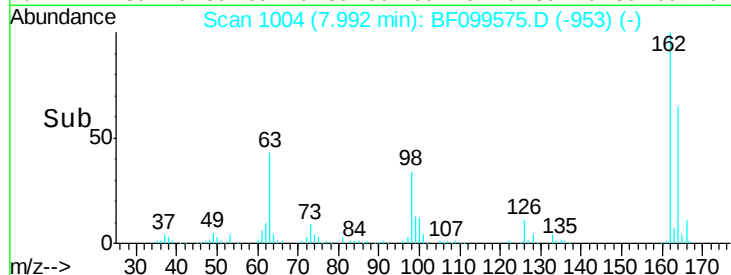
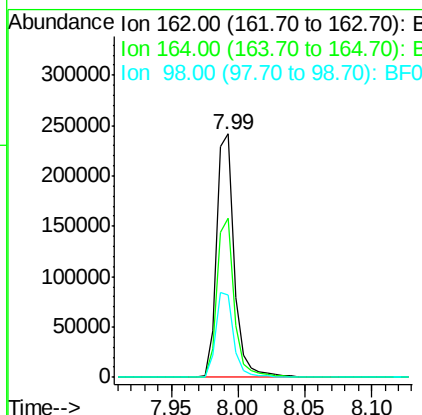
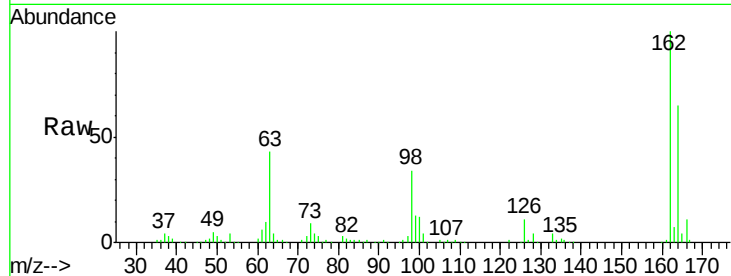




#29
 2,4-Dichlorophenol
 Concen: 41.99 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

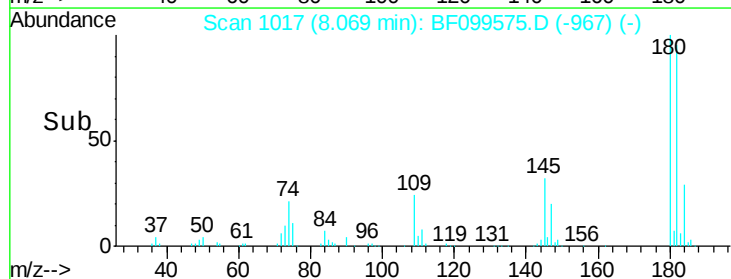
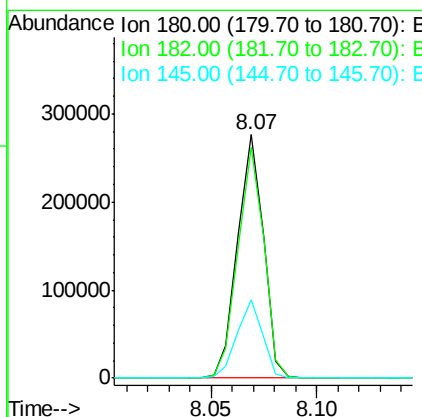
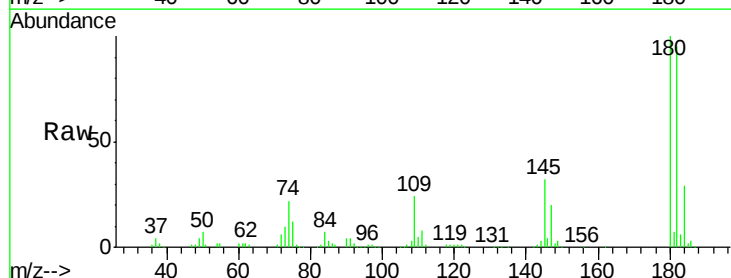
Instrument :
 BNA_F
 ClientSampleId :

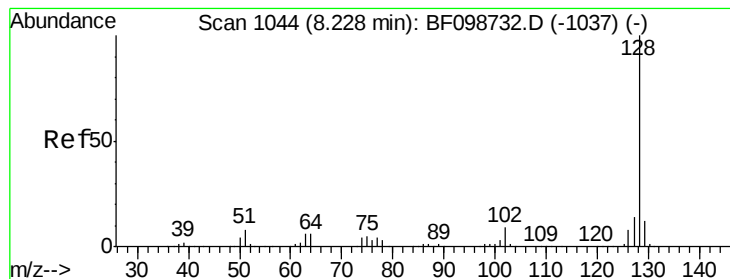
Tot Ion:162 Resp: 228861
 Ion Ratio Lower Upper
 162 100
 164 65.2 42.7 82.7
 98 33.6 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.94 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Tgt Ion:180 Resp: 234056
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.8 115.2
 145 32.1 26.5 39.7





#31

Naphthalene

Concen: 40.99 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampleId :

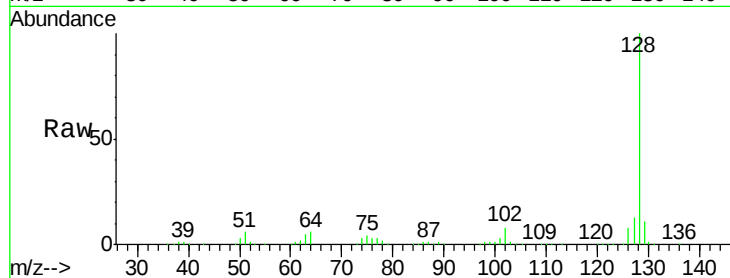
Tot Ion:128 Resp: 760826

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

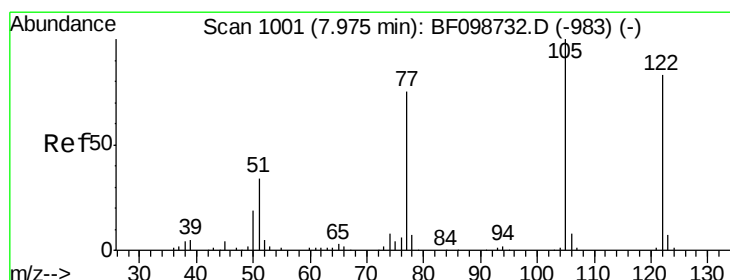
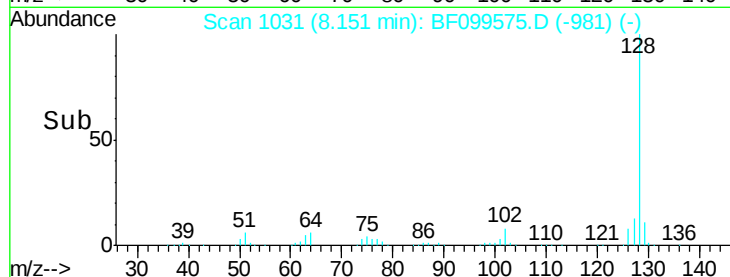
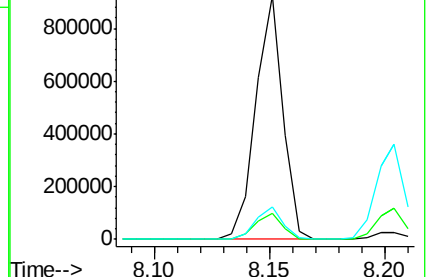
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.28 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

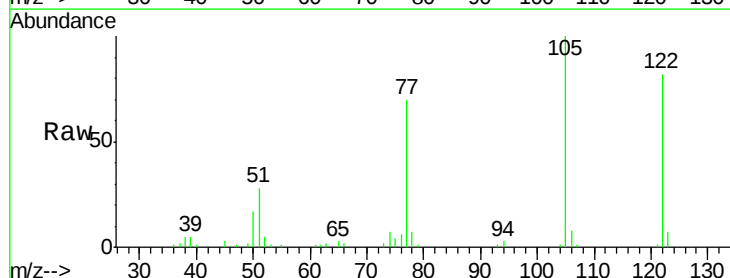
Tgt Ion:122 Resp: 131814

Ion Ratio Lower Upper

122 100

105 121.7 101.1 141.1

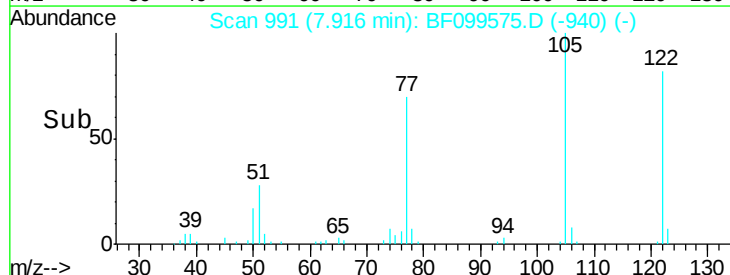
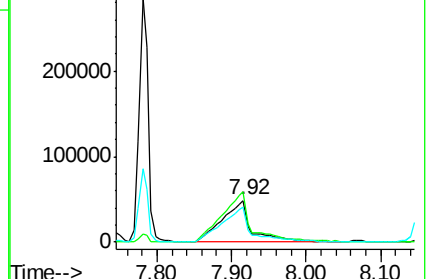
77 84.9 70.7 110.7

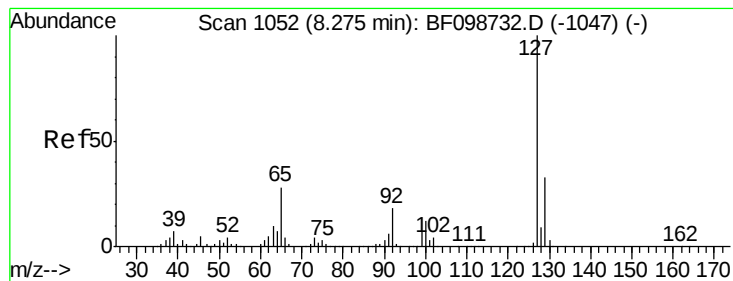


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 40.73 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 315662

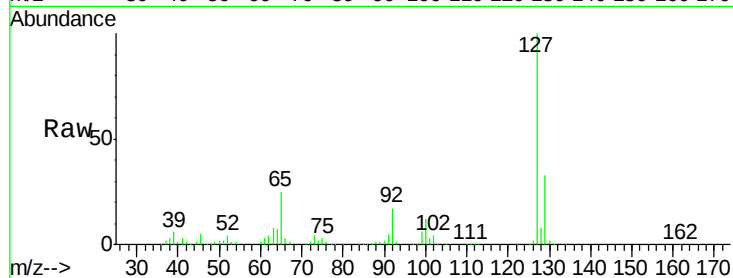
Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 25.5 25.0 37.4

92 17.3 15.2 22.8

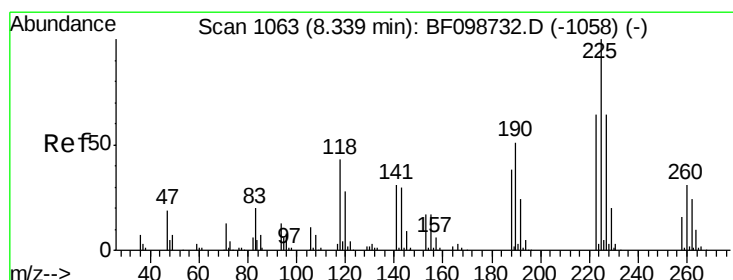
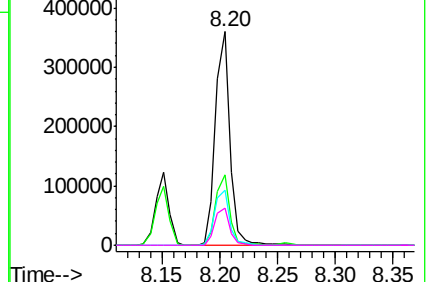
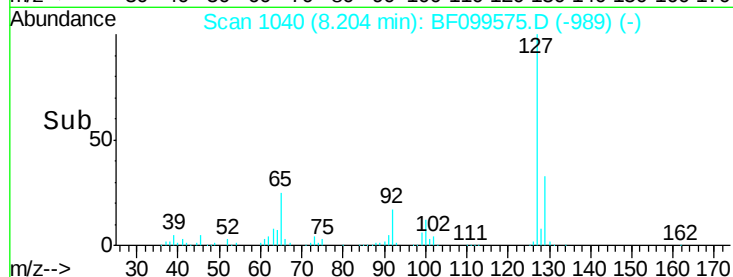


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.32 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

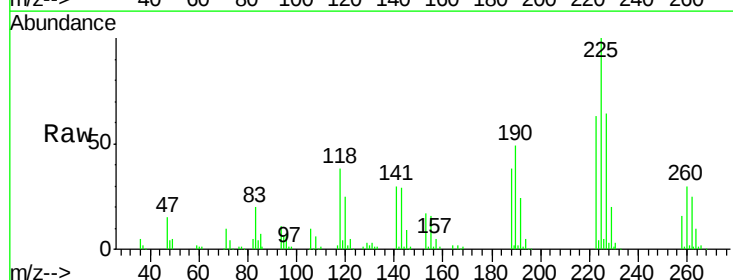
Tgt Ion:225 Resp: 118831

Ion Ratio Lower Upper

225 100

223 62.7 50.6 76.0

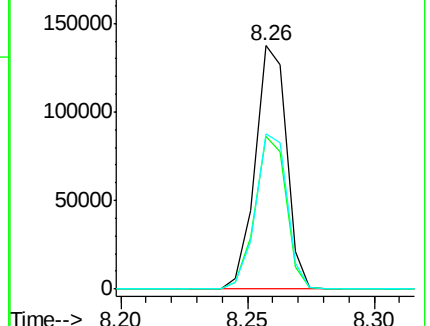
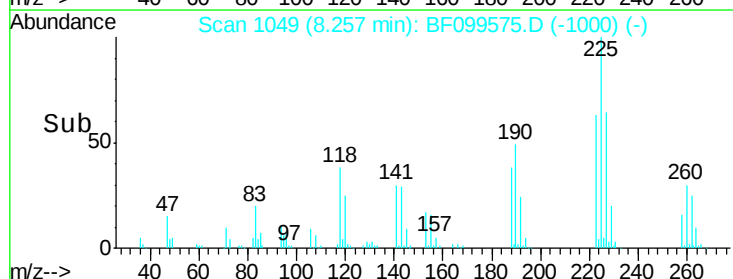
227 63.7 51.9 77.9

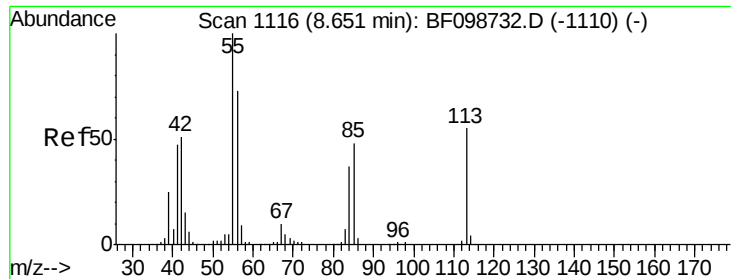


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

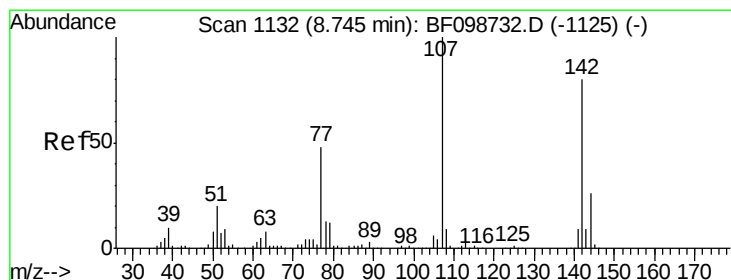
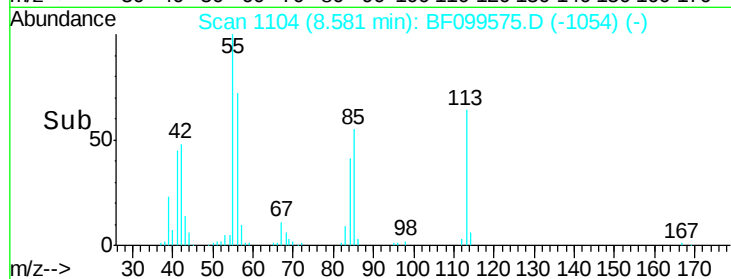
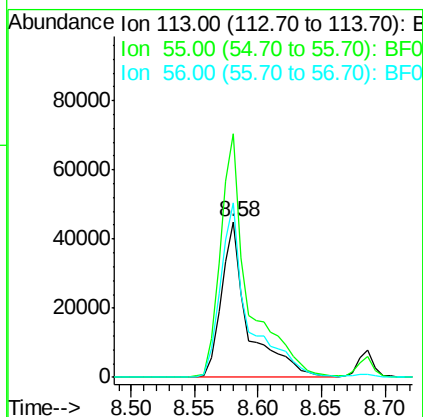
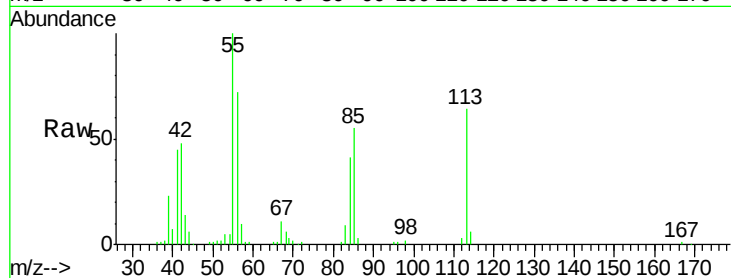




#35
 Caprolactam
 Concen: 38.02 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

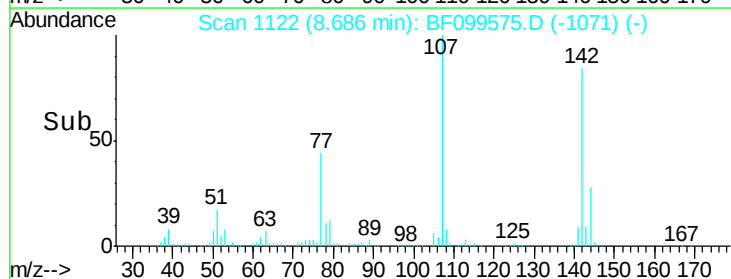
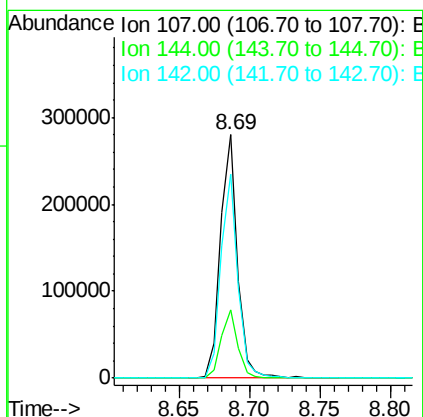
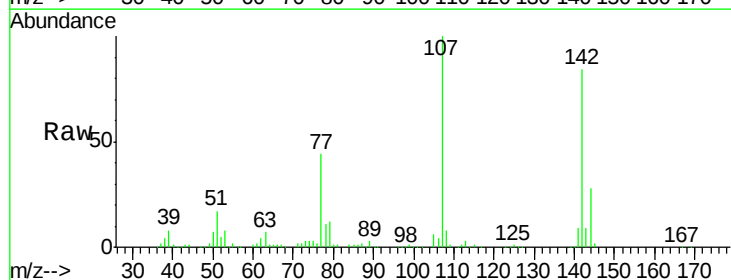
Instrument :
 BNA_F
 ClientSampleId :

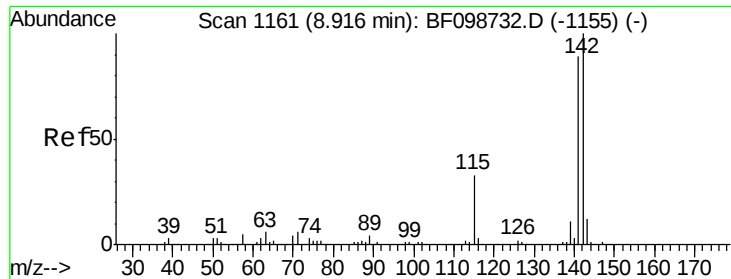
Tot Ion:113 Resp: 66472
 Ion Ratio Lower Upper
 113 100
 55 156.1 163.3 203.3#
 56 111.9 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 38.34 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Tgt Ion:107 Resp: 234884
 Ion Ratio Lower Upper
 107 100
 144 27.8 20.5 30.7
 142 83.6 62.0 93.0

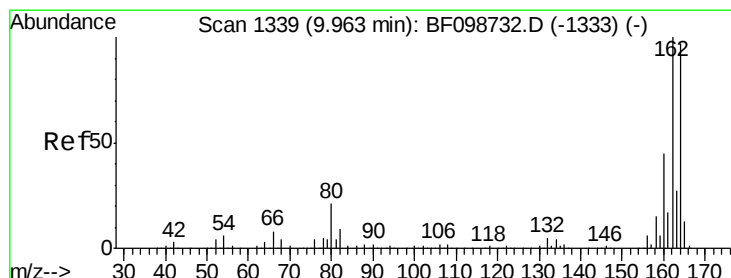
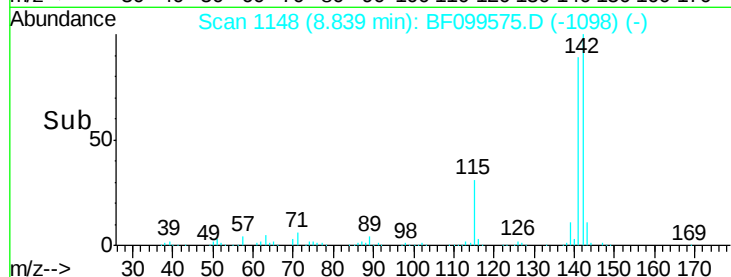
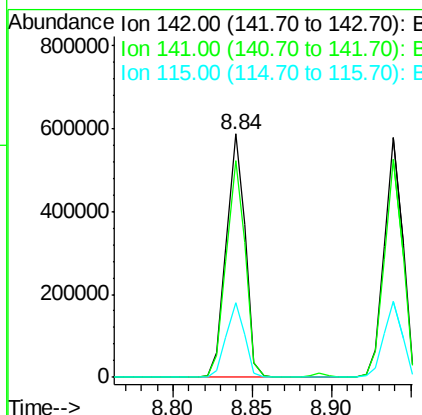
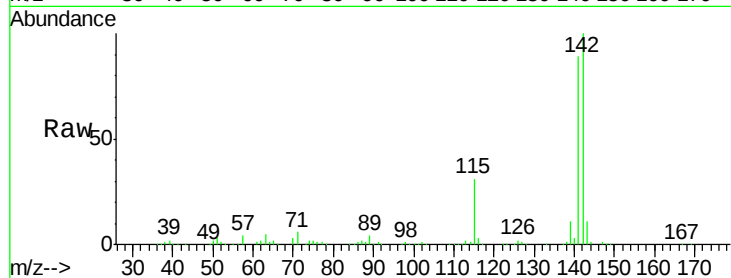




#37
2-Methylnaphthalene
Concen: 40.22 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

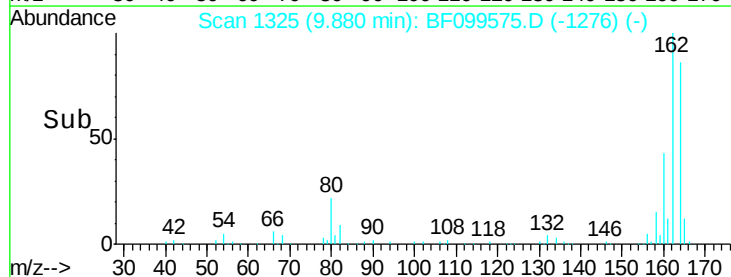
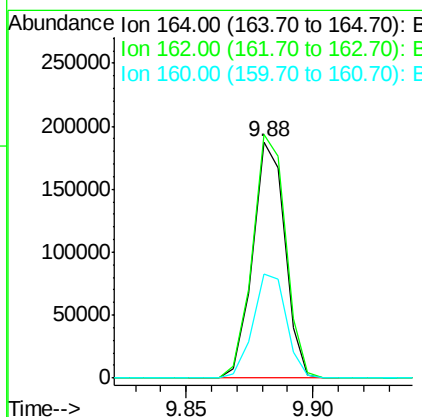
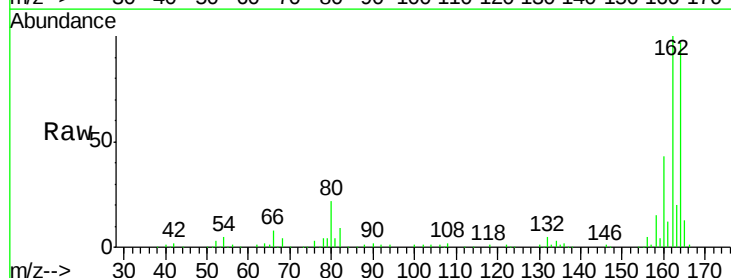
Instrument :
BNA_F
ClientSampleId :

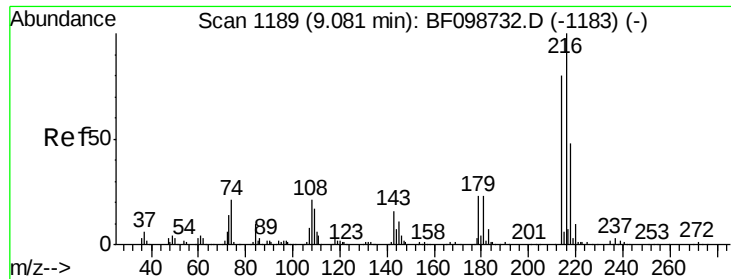
Tot Ion:142 Resp: 485219
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2
115 30.8 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion:164 Resp: 167297
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 44.3 38.3 57.5

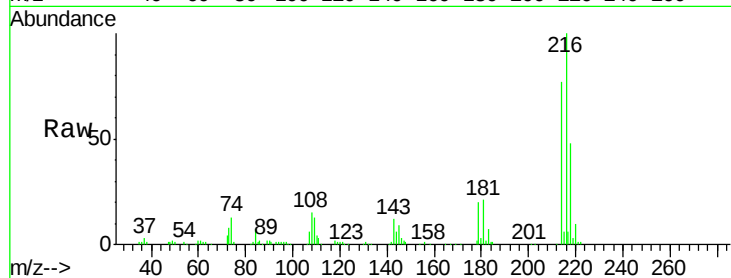




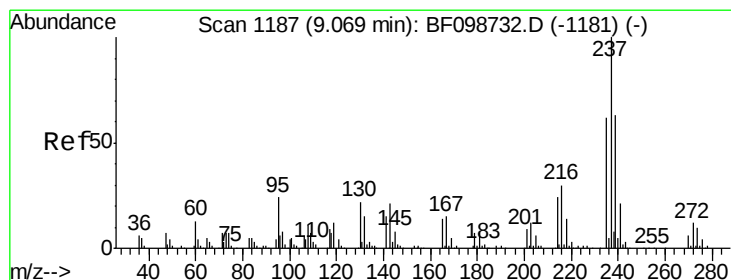
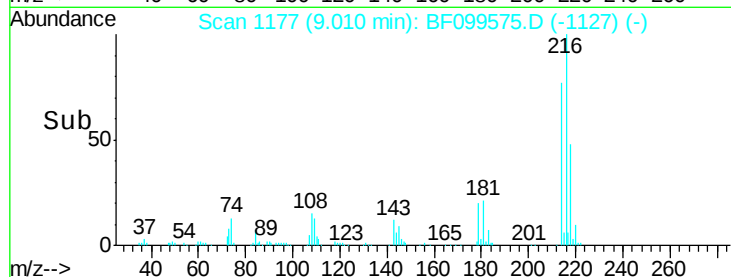
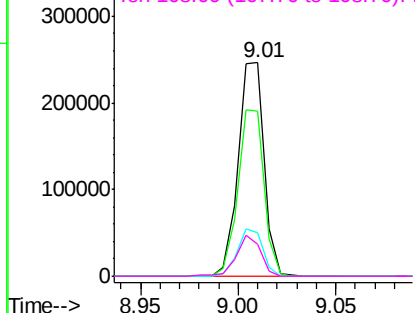
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.56 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	227325
Ion Ratio	Lower	Upper
216	100	
214	78.2	63.0 94.4
179	21.7	18.1 27.1
108	17.9	17.2 25.8

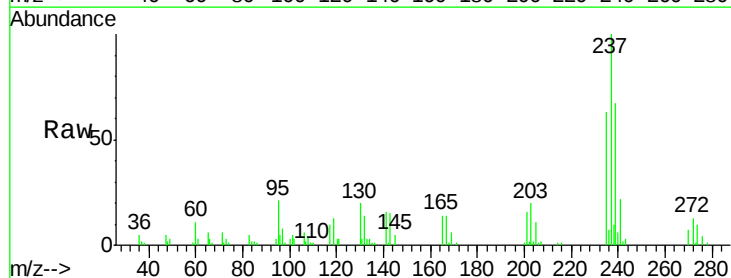


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

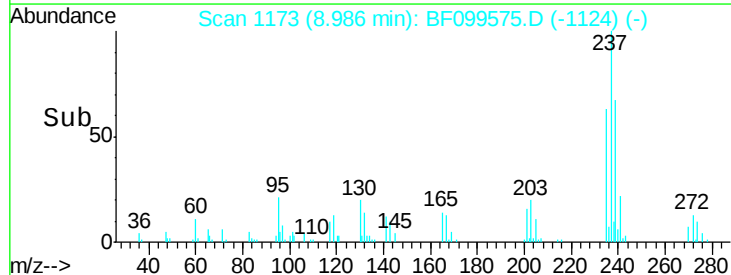
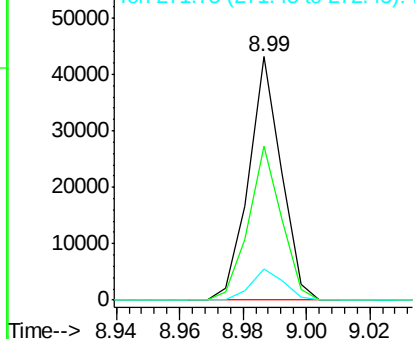


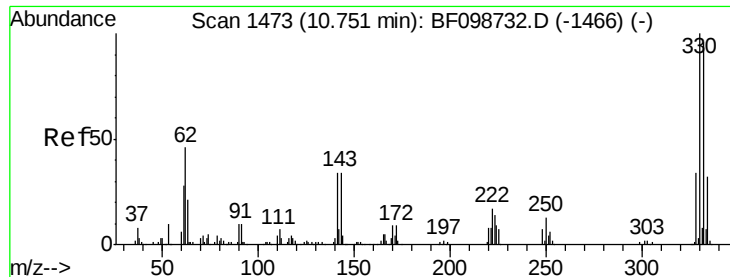
#40
 Hexachlorocyclopentadiene
 Concen: 13.49 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Tgt Ion:237	Resp:	30758
Ion Ratio	Lower	Upper
237	100	
235	63.4	44.8 84.8
272	12.7	0.0 33.3



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

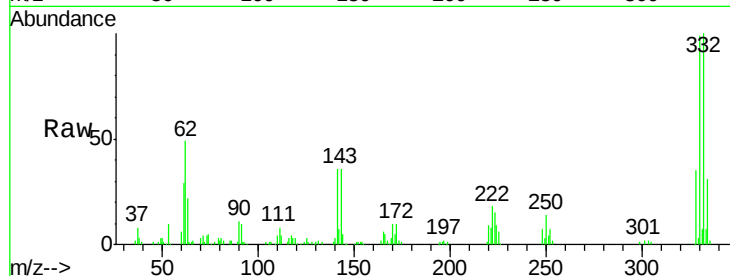




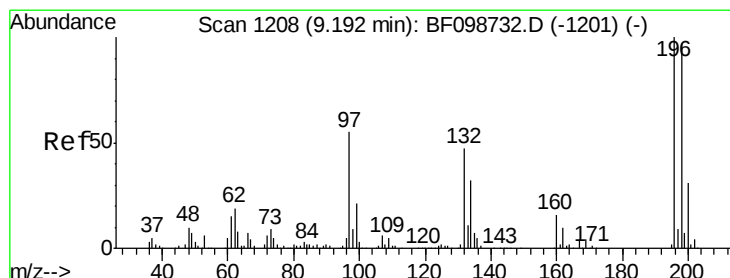
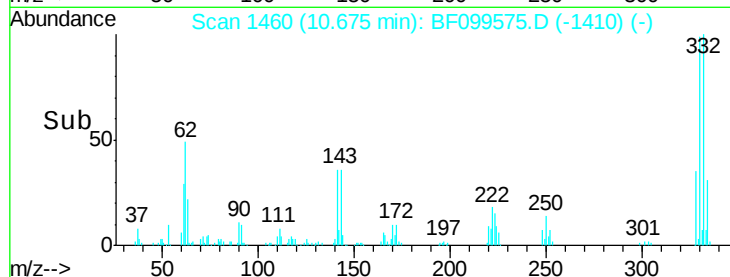
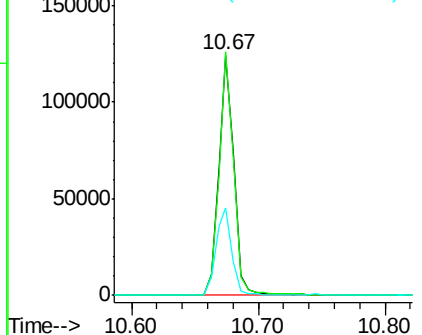
#41
 2,4,6-Tribromophenol
 Concen: 76.69 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	332	141
Ion	100	98.1	37.9
Ratio			
Lower		77.0	29.9
Upper		115.6	44.9

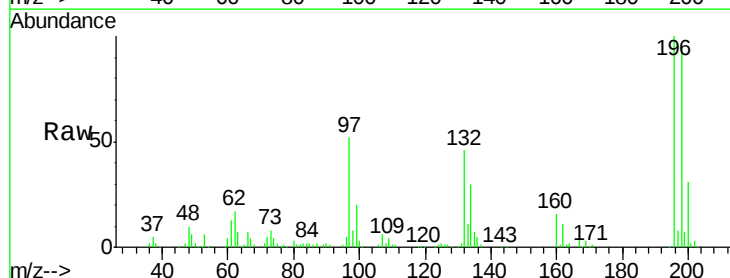


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

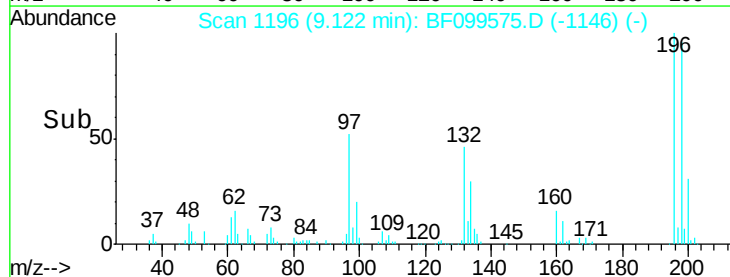
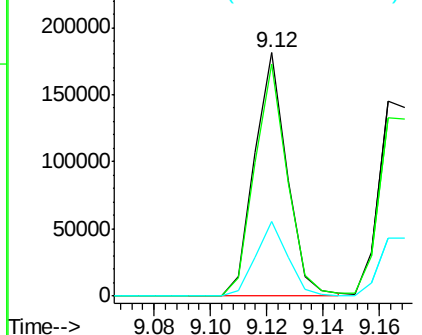


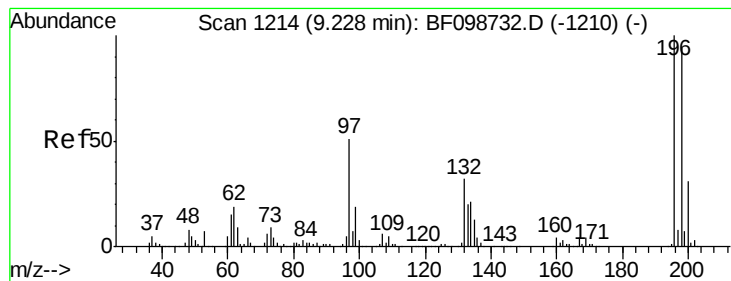
#42
 2,4,6-Trichlorophenol
 Concen: 40.95 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Tgt Ion	196	198	200
Ion	100	95.6	30.6
Ratio			
Lower		75.7	24.5
Upper		113.5	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: 42.22 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 148964

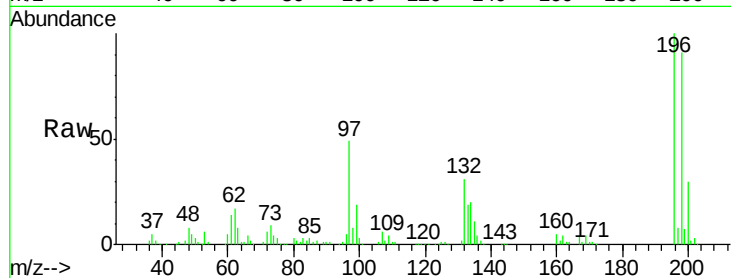
Ion Ratio Lower Upper

196 100

198 91.1 74.6 112.0

97 49.2 42.9 64.3

132 30.6 26.3 39.5

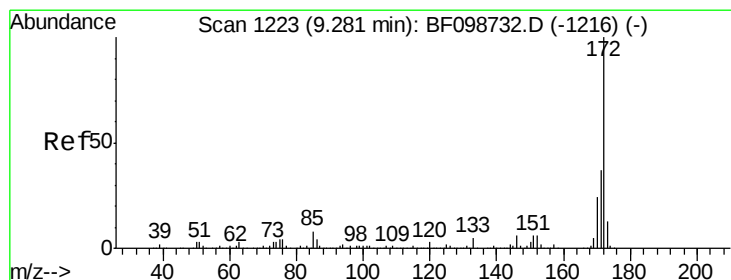
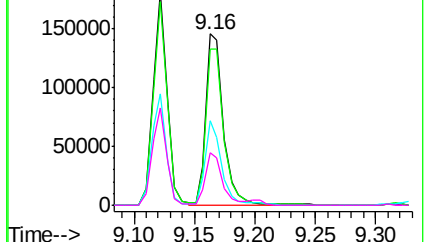
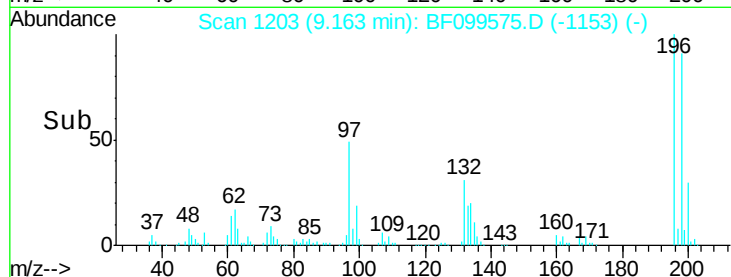


Abundance Ion 196.00 (195.70 to 196.70): E

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: 89.57 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

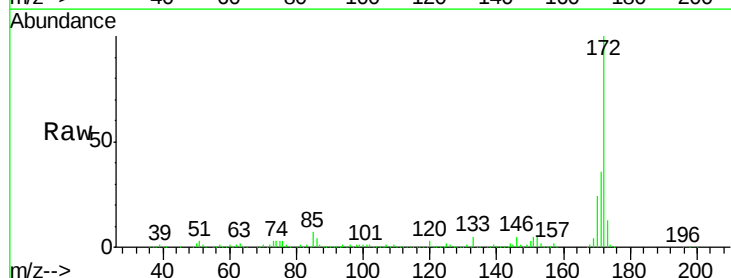
Tgt Ion:172 Resp: 897599

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

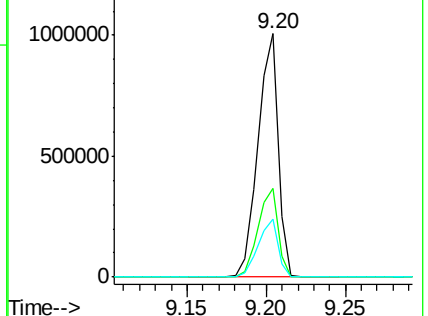
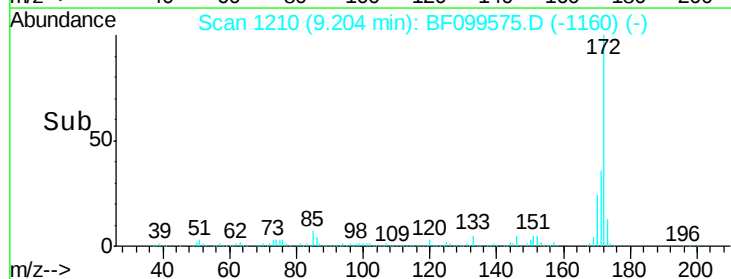
170 23.9 19.6 29.4

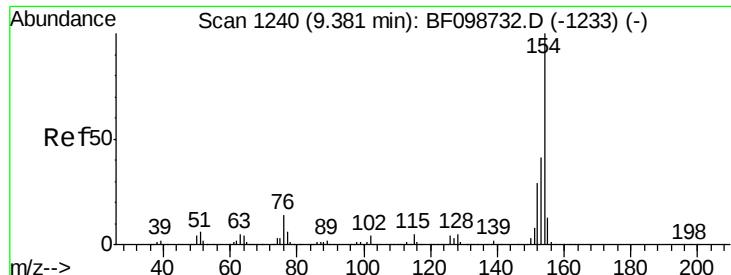


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.55 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampleId :

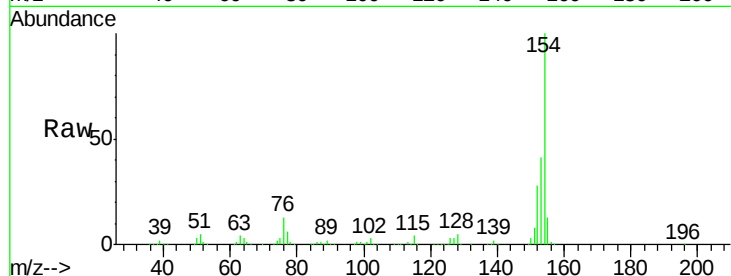
Tot Ion:154 Resp: 626110

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

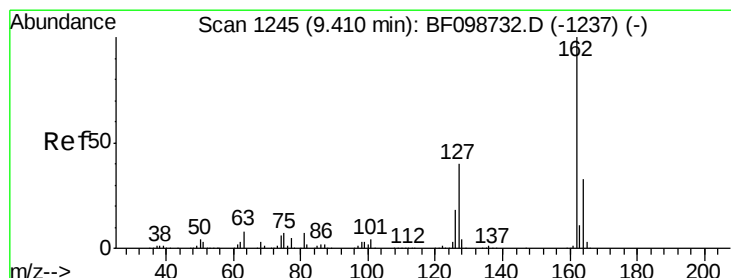
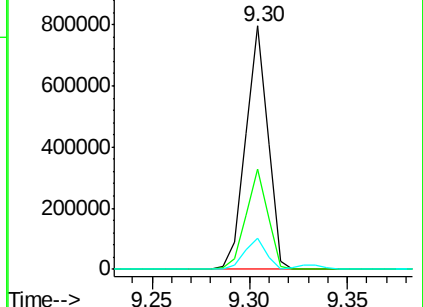
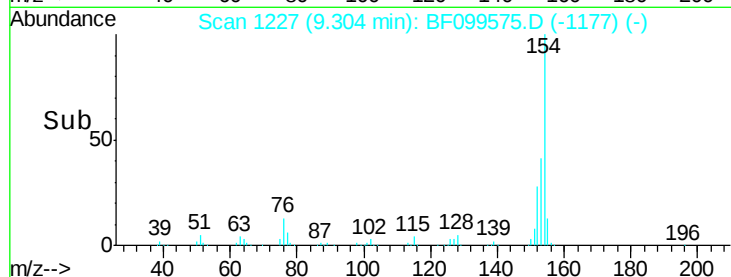
76 13.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 43.33 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

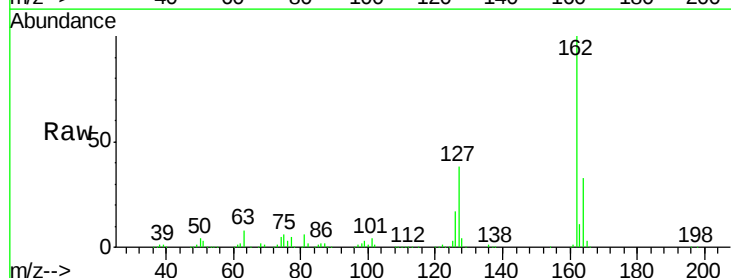
Tgt Ion:162 Resp: 467761

Ion Ratio Lower Upper

162 100

127 38.3 33.9 50.9

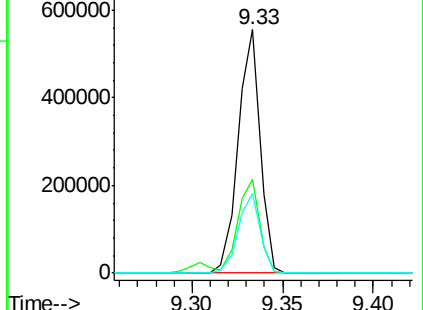
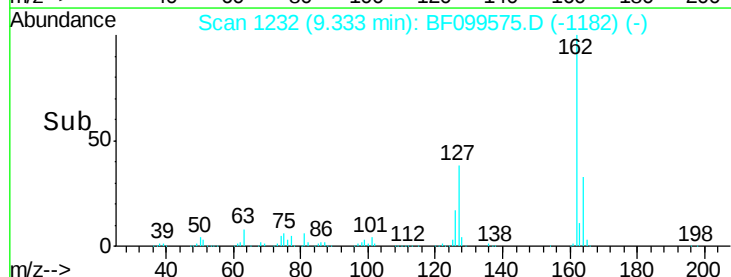
164 32.8 26.5 39.7

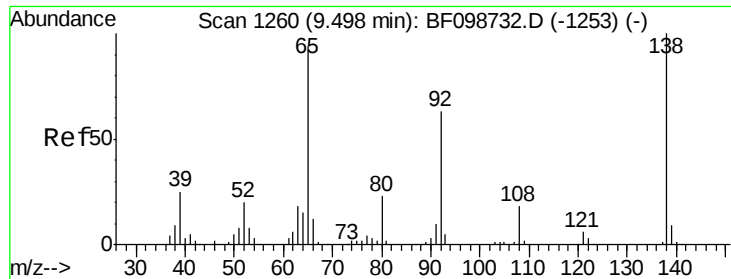


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

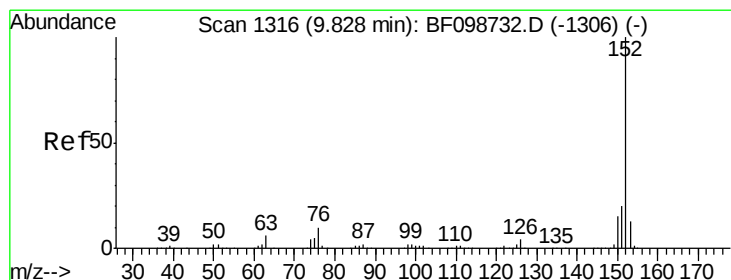
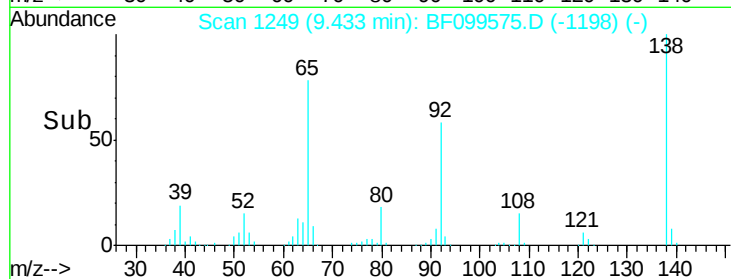
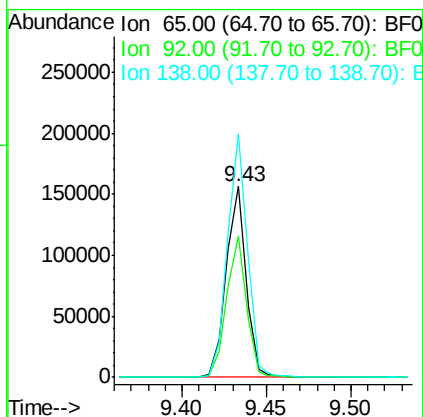
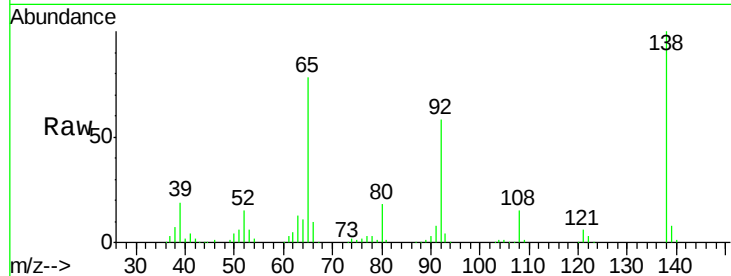




#47
2-Nitroaniline
Concen: 38.77 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

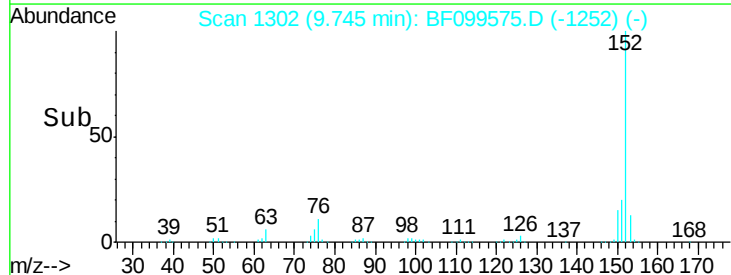
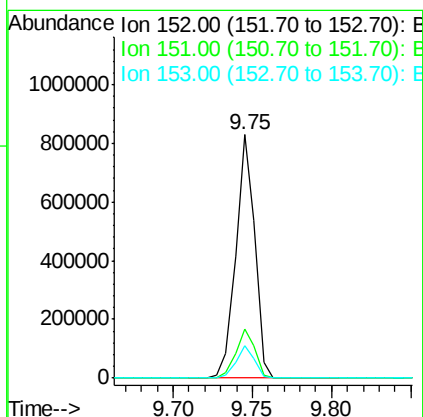
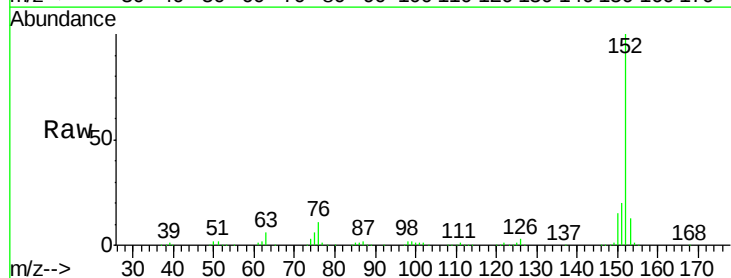
Instrument :
BNA_F
ClientSampleId :

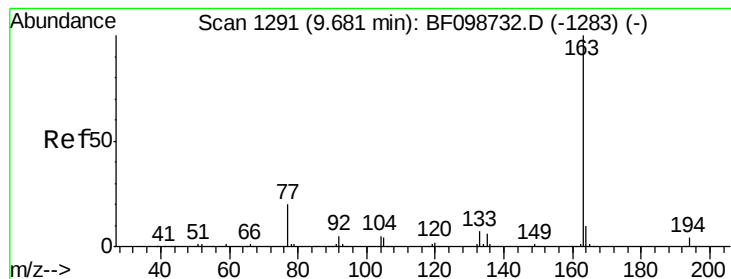
Tot Ion: 65 Resp: 128156
Ion Ratio Lower Upper
65 100
92 74.4 55.8 83.6
138 127.7 91.2 136.8



#48
Acenaphthylene
Concen: 41.44 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion:152 Resp: 684864
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 43.47 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampleId :

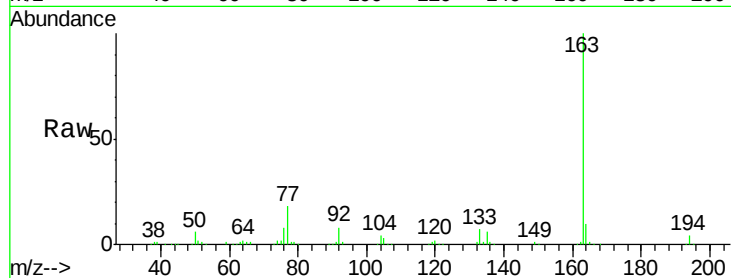
Tot Ion:163 Resp: 548879

Ion Ratio Lower Upper

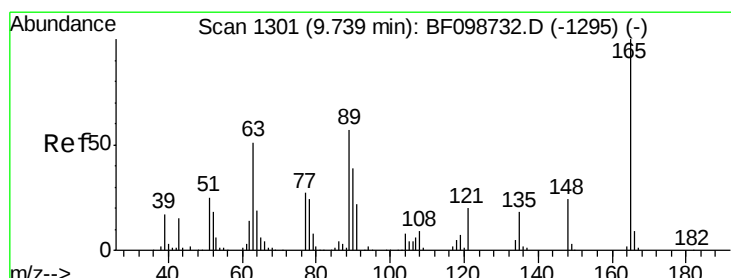
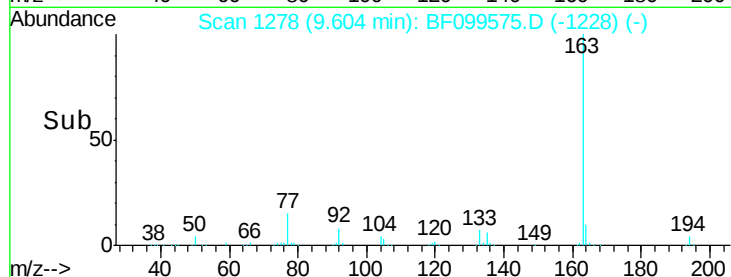
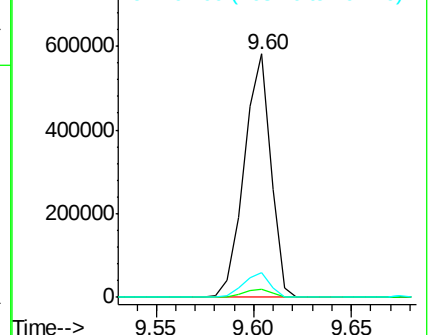
163 100

194 3.5 2.7 4.1

164 10.1 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 43.48 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

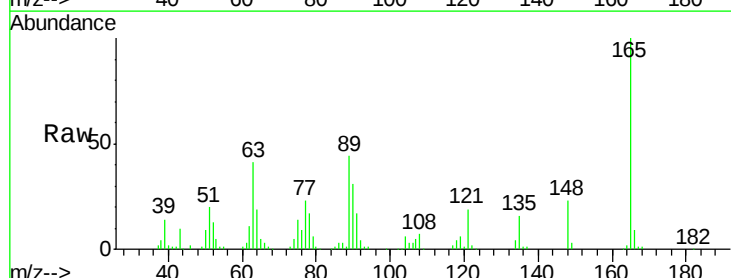
Tgt Ion:165 Resp: 119509

Ion Ratio Lower Upper

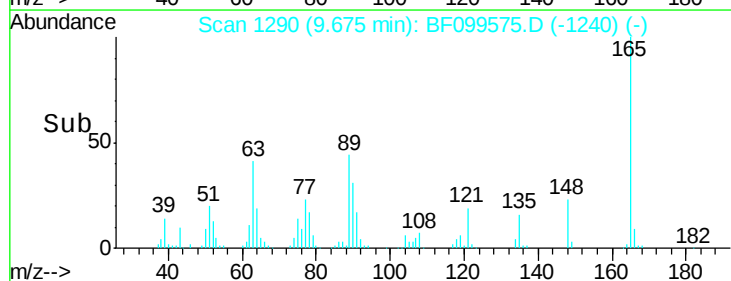
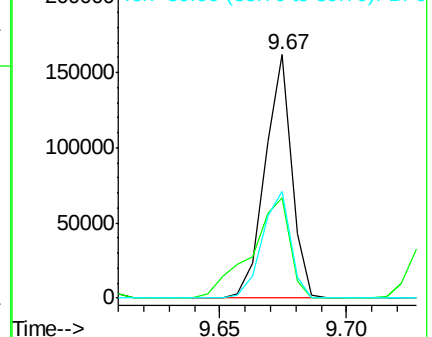
165 100

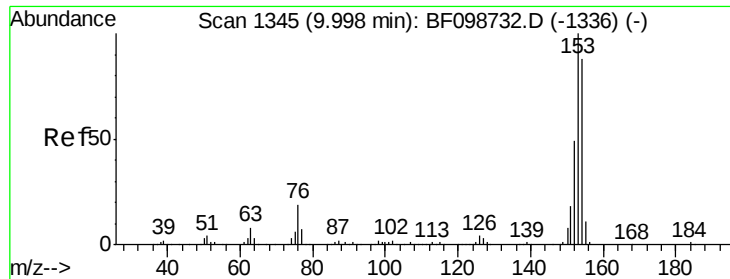
63 41.3 44.7 67.1#

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: 38.28 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampleId :

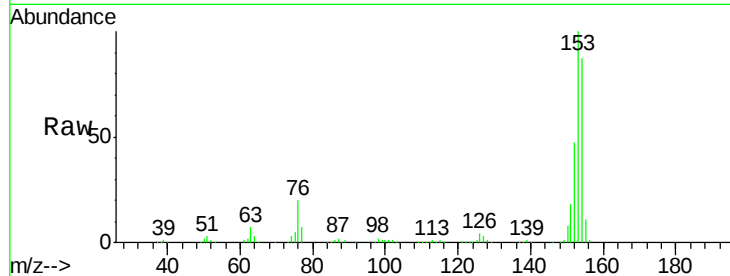
Tot Ion:154 Resp: 400702

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

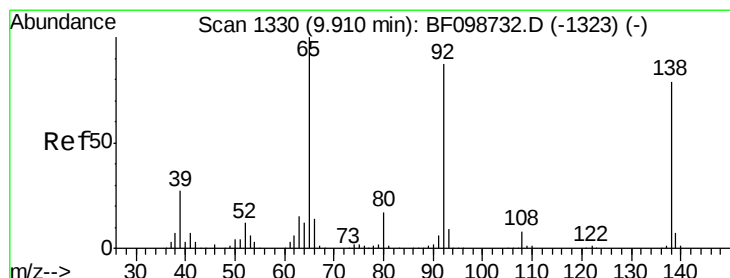
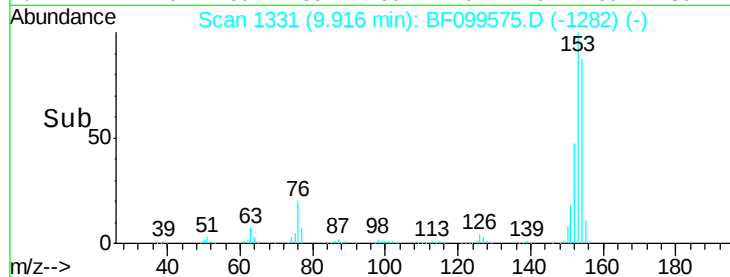
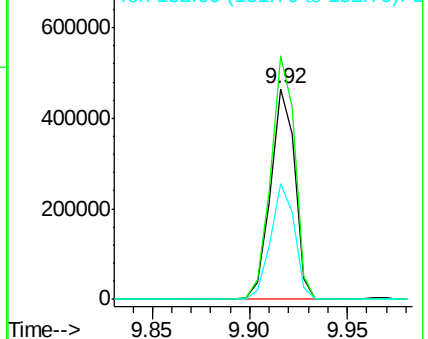
152 54.8 43.8 65.8



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: 41.93 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

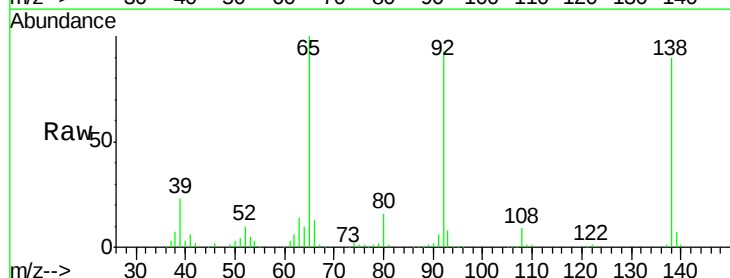
Tgt Ion:138 Resp: 134397

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

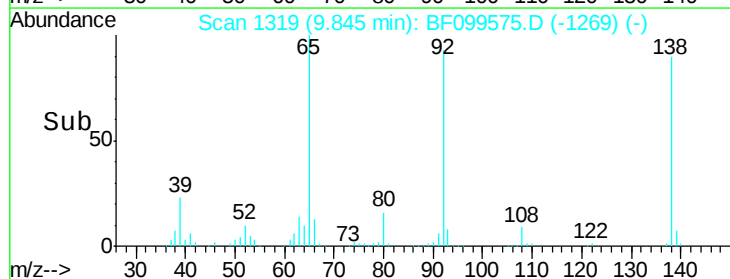
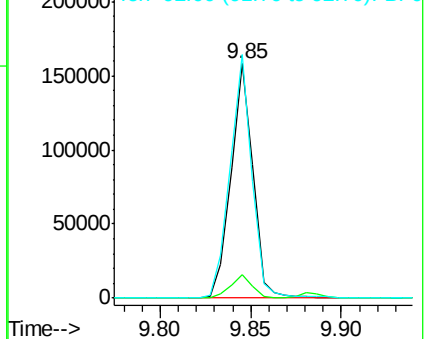
92 104.0 89.4 134.2

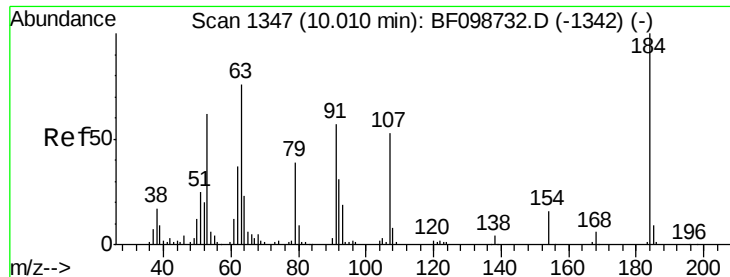


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

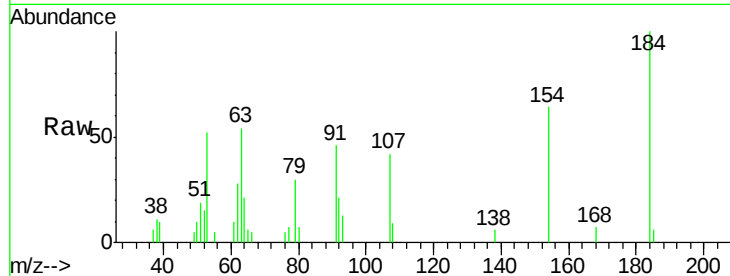




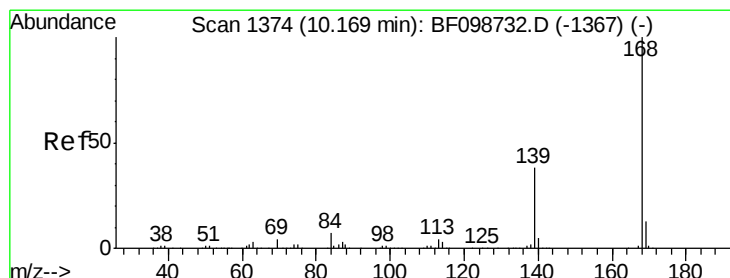
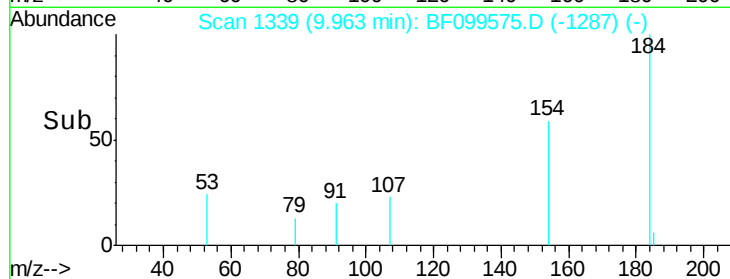
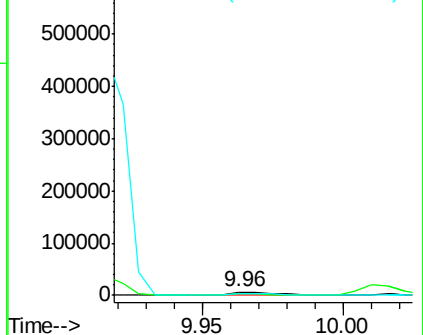
#53
2,4-Dinitrophenol
Concen: 11.21 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 8304
Ion Ratio Lower Upper
184 100
63 53.6 54.2 81.2#
154 64.3 53.5 80.3

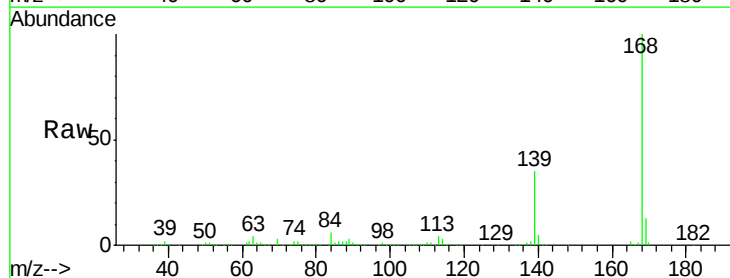


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

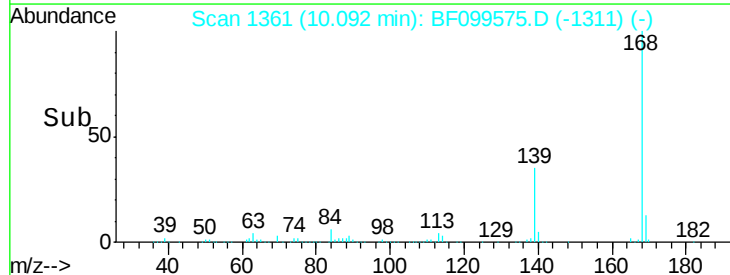
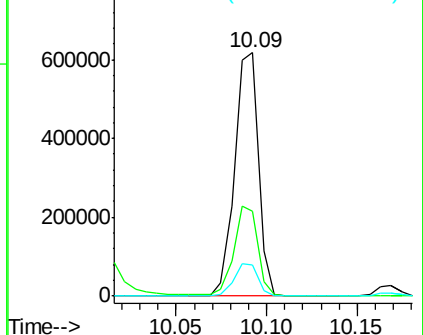


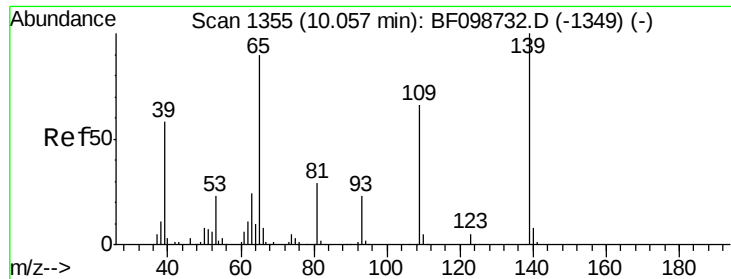
#54
Dibenzofuran
Concen: 40.58 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion:168 Resp: 565649
Ion Ratio Lower Upper
168 100
139 35.0 30.1 45.1
169 12.7 10.9 16.3



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

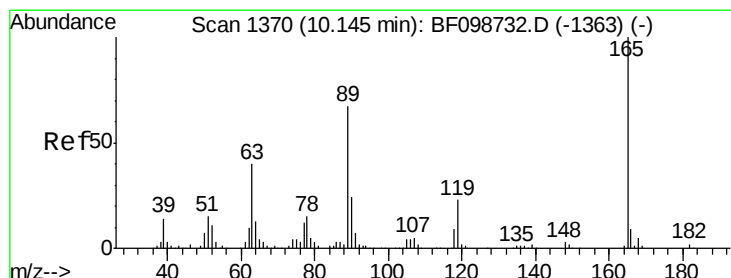
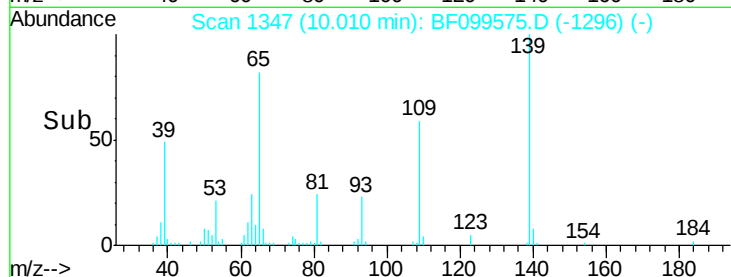
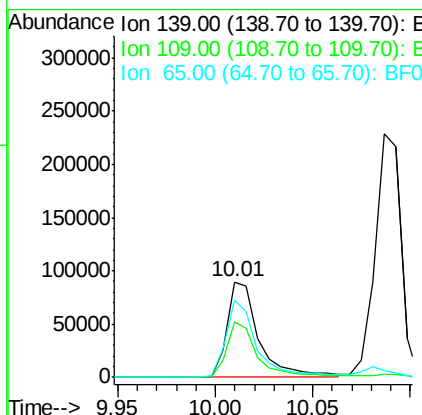
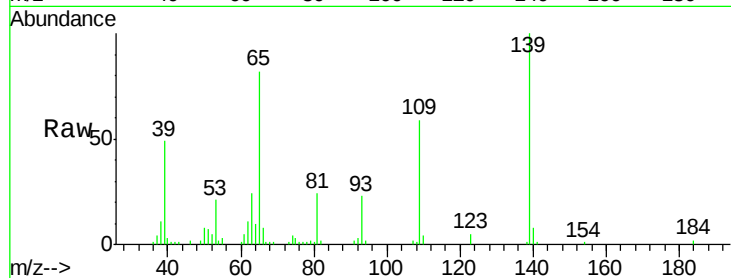




#55
4-Nitrophenol
Concen: 37.47 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

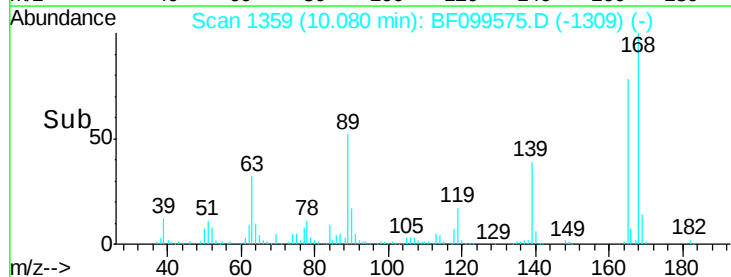
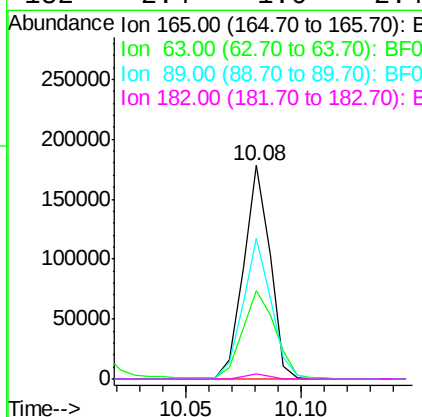
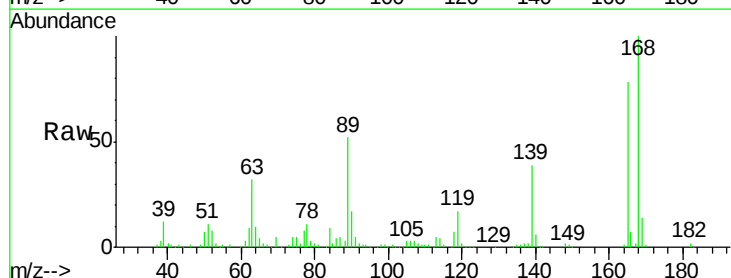
Instrument :
BNA_F
ClientSampleId :

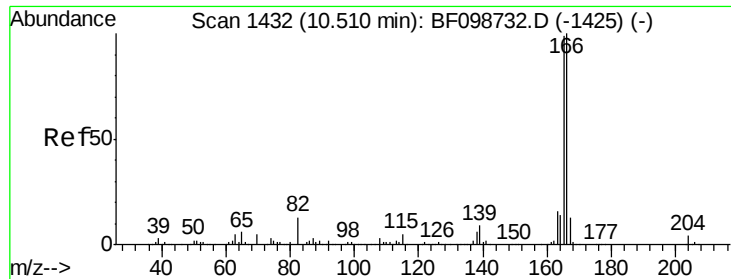
Tot Ion:139 Resp: 101560
Ion Ratio Lower Upper
139 100
109 58.7 48.4 88.4
65 81.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.92 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion:165 Resp: 142405
Ion Ratio Lower Upper
165 100
63 41.5 36.4 54.6
89 66.1 57.8 86.6
182 2.4 1.6 2.4#

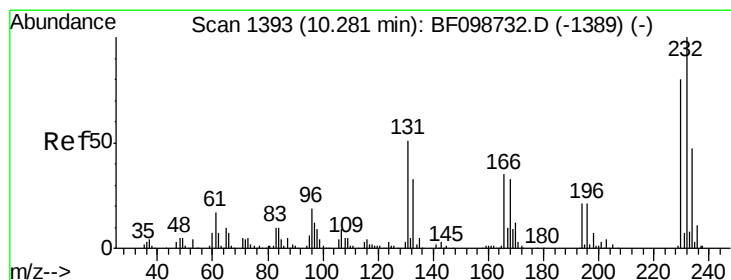
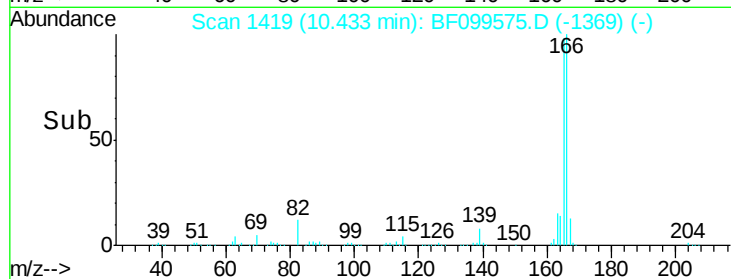
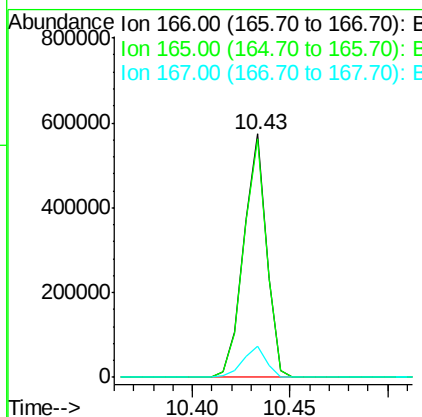
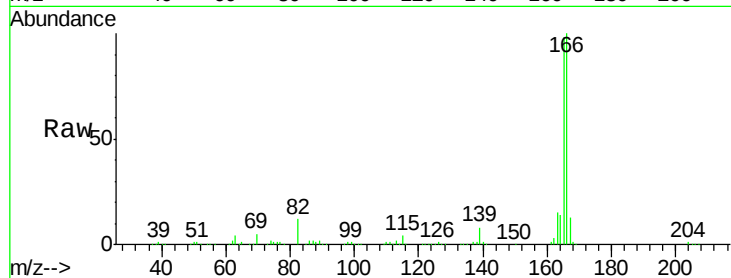




#57
 Fluorene
 Concen: 41.51 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

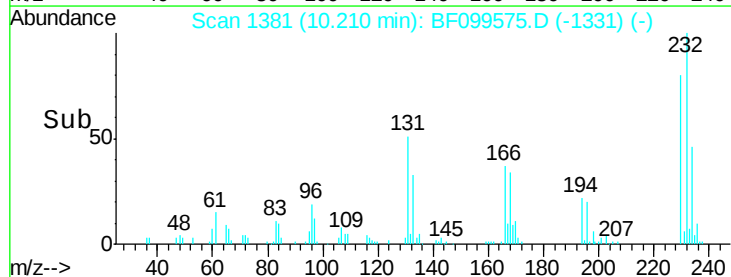
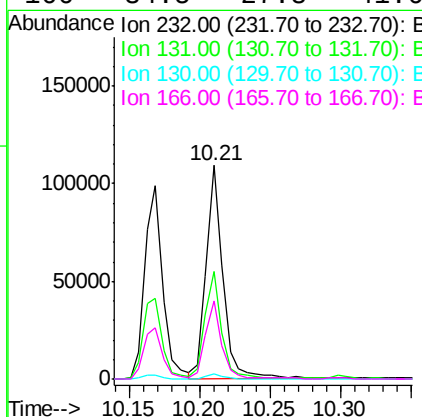
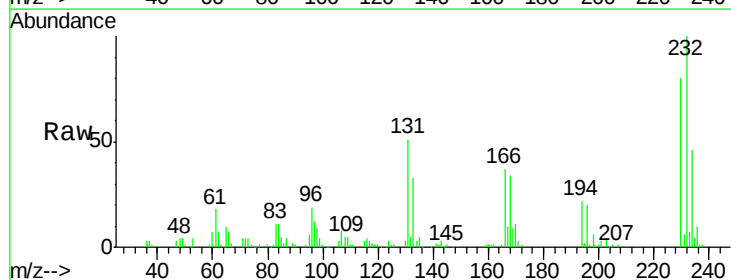
Instrument :
 BNA_F
 ClientSampleId :

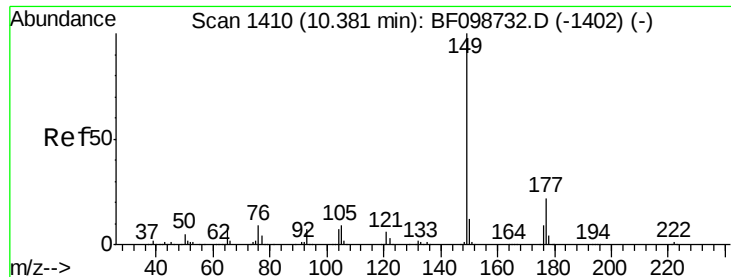
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	12.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.01 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.6	43.8	65.8
130	2.4	2.1	3.1
166	34.5	27.8	41.6

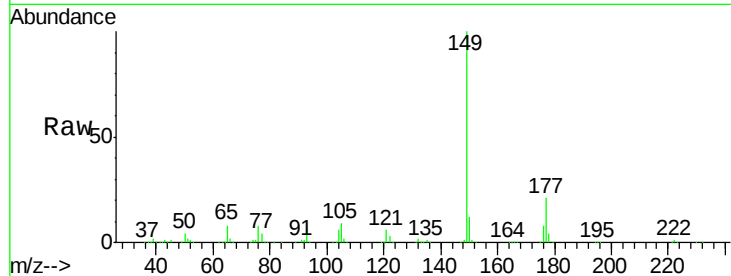




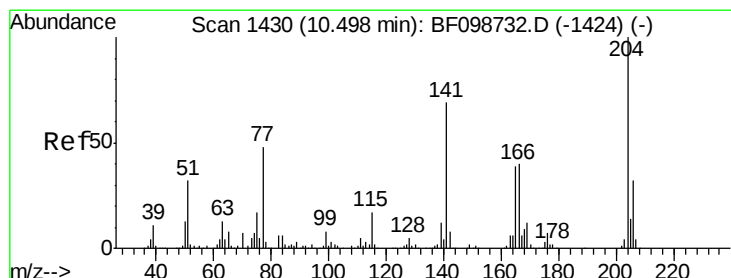
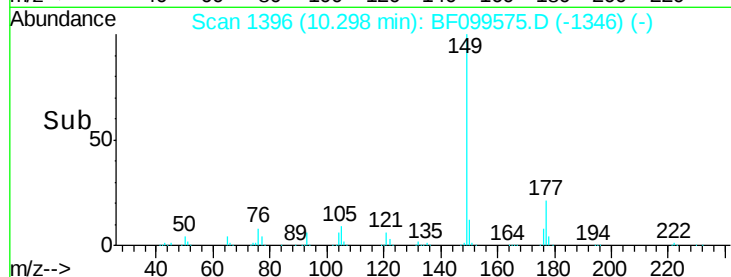
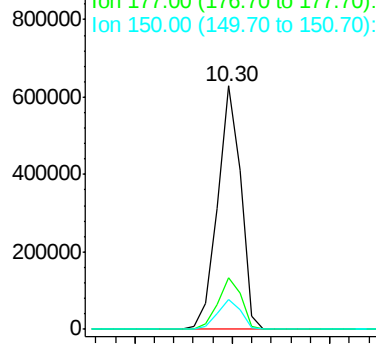
#59
Diethylphthalate
Concen: 41.80 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 515775
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.2 10.1 15.1

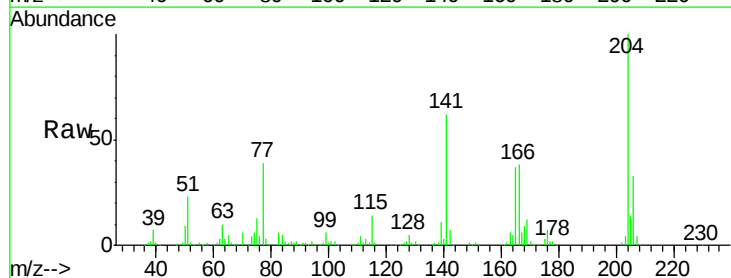


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

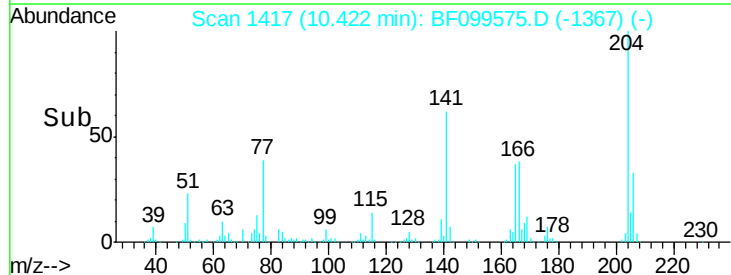
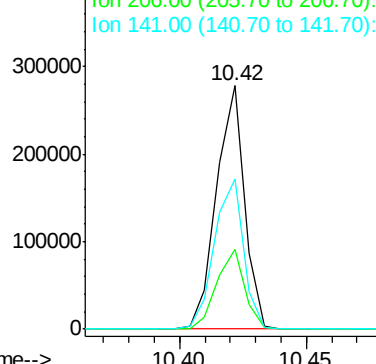


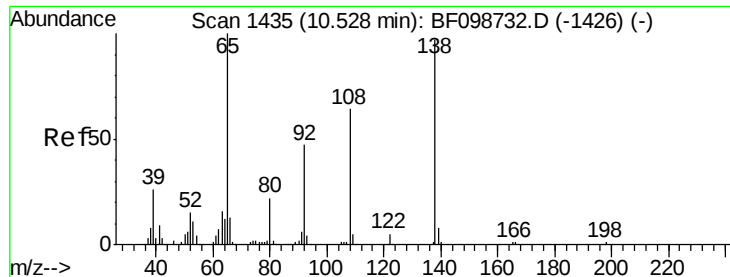
#60
4-Chlorophenyl-phenylether
Concen: 42.60 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion:204 Resp: 214367
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 61.6 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

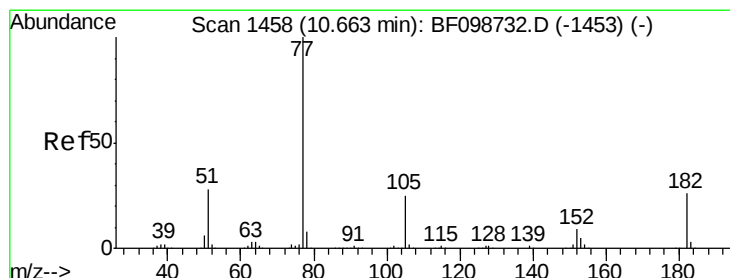
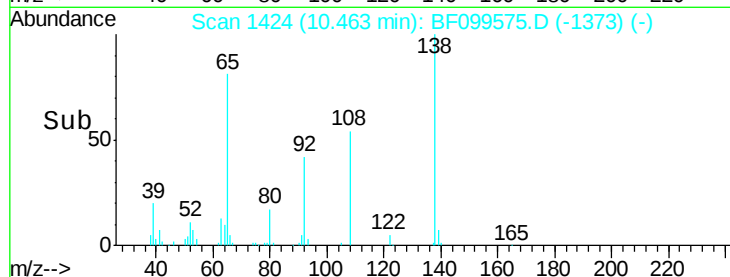
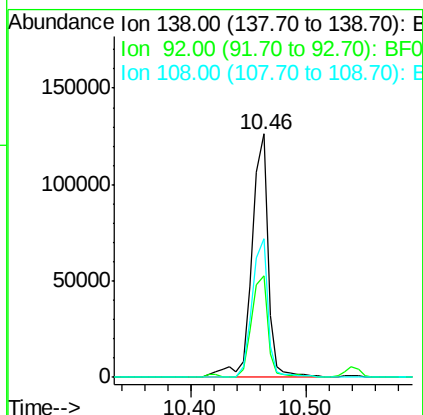
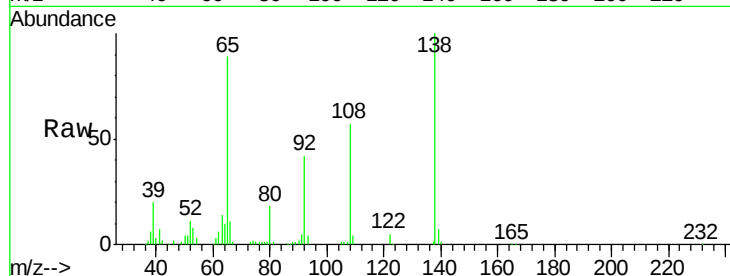




#61
4-Nitroaniline
Concen: 40.28 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

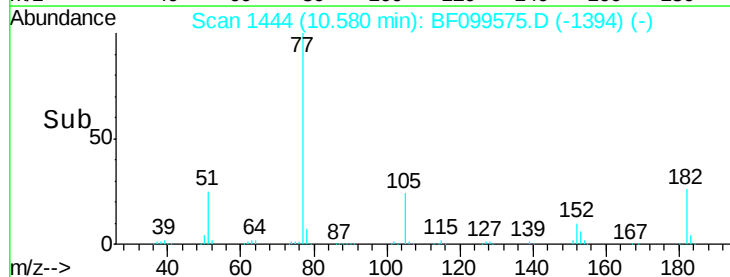
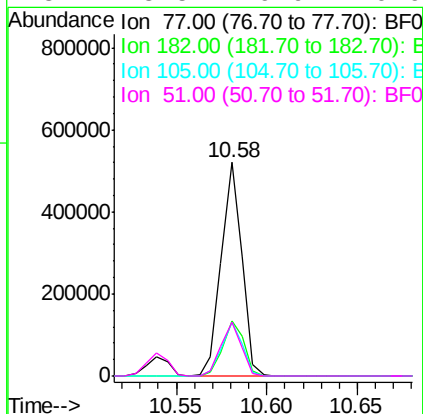
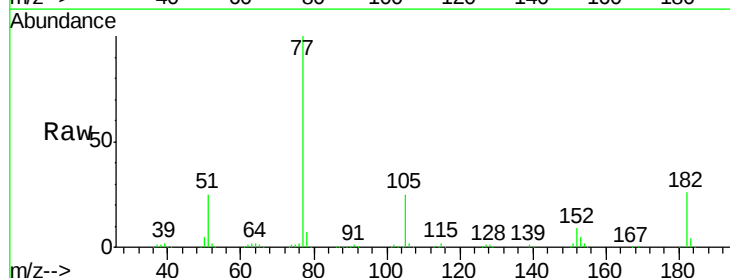
Instrument :
BNA_F
ClientSampleId :

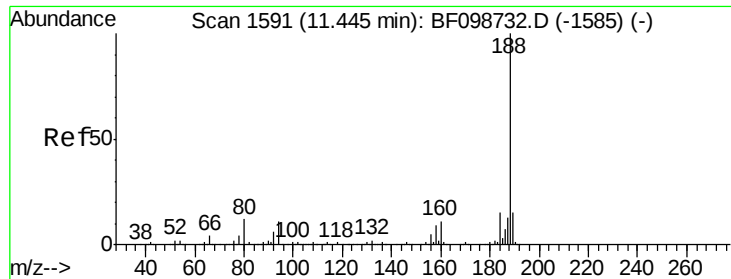
Tot Ion:138 Resp: 124572
Ion Ratio Lower Upper
138 100
92 41.9 30.2 70.2
108 57.1 52.5 92.5



#62
Azobenzene
Concen: 36.34 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion: 77 Resp: 412226
Ion Ratio Lower Upper
77 100
182 25.7 1.7 41.7
105 25.0 3.0 43.0
51 25.5 9.9 49.9

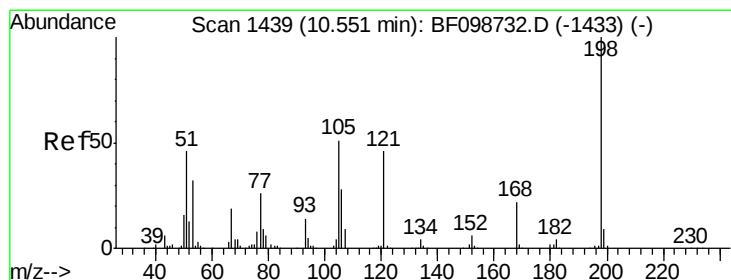
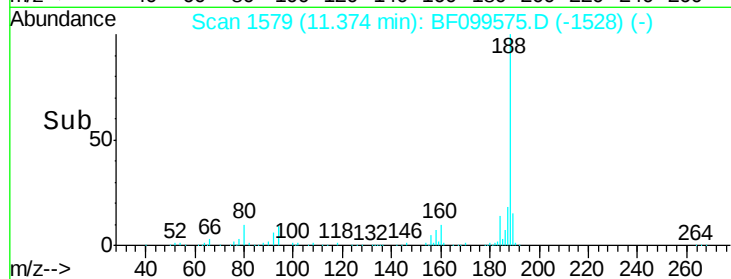
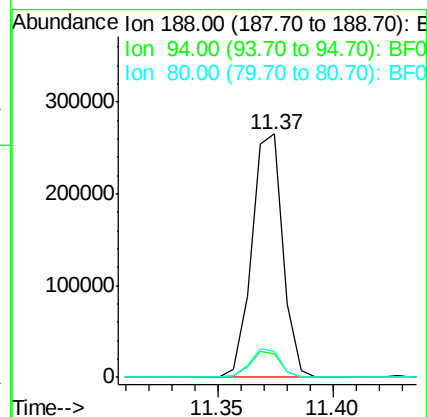
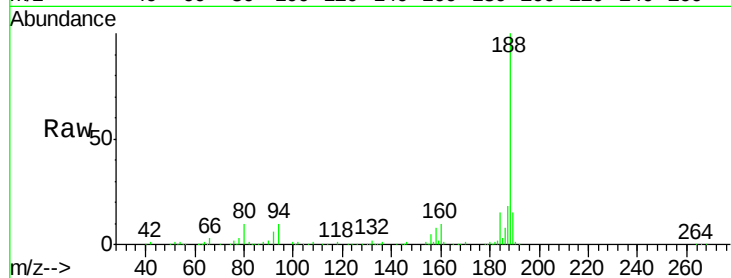




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

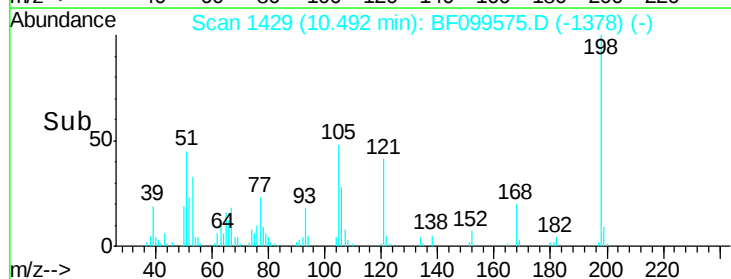
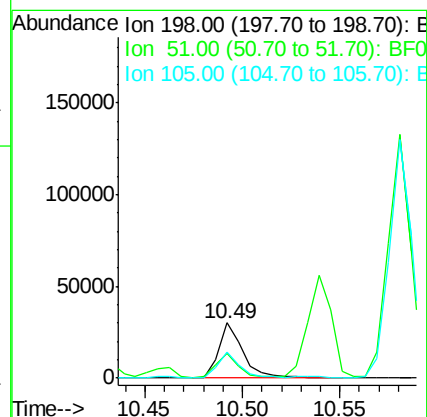
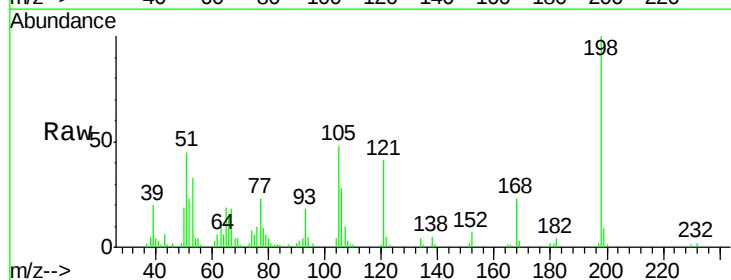
Instrument :
BNA_F
ClientSampleId :

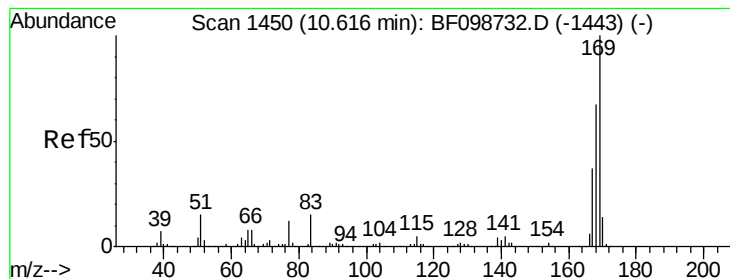
Tot Ion:188 Resp: 249369
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 17.07 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion:198 Resp: 25898
Ion Ratio Lower Upper
198 100
51 44.7 37.7 77.7
105 47.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 48.17 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampleId :

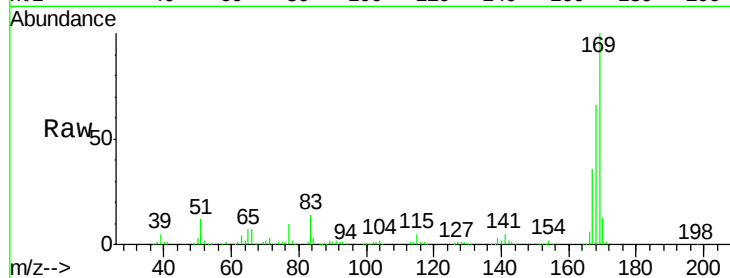
Tot Ion:169 Resp: 416152

Ion Ratio Lower Upper

169 100

168 65.8 54.4 81.6

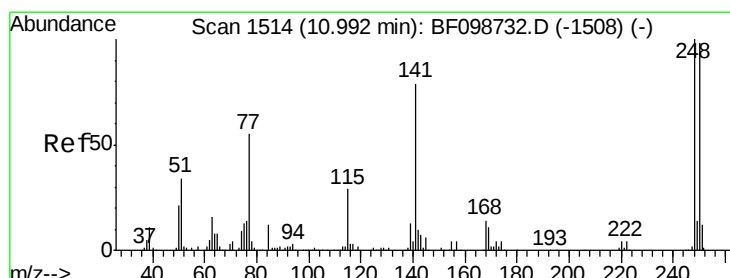
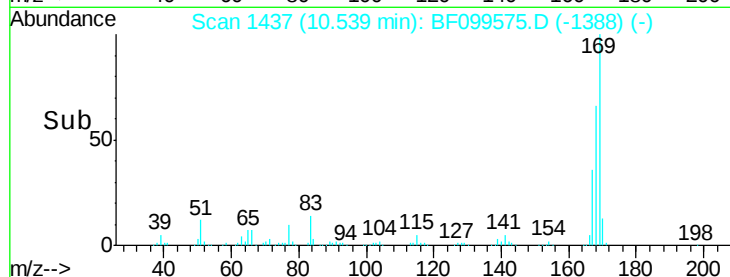
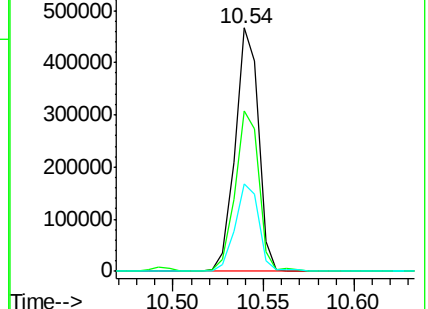
167 36.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.16 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

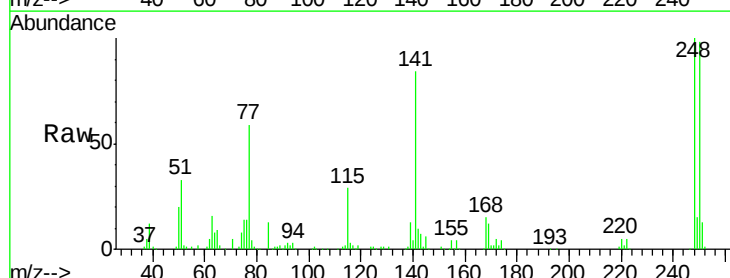
Tgt Ion:248 Resp: 117543

Ion Ratio Lower Upper

248 100

250 98.0 76.9 115.3

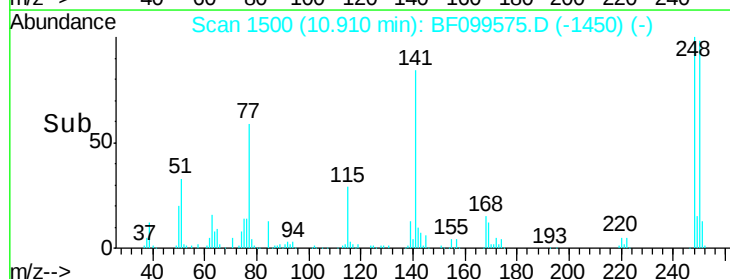
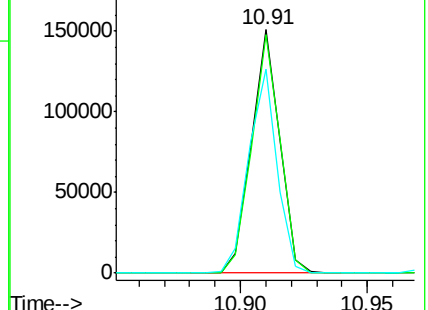
141 84.0 74.4 111.6



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

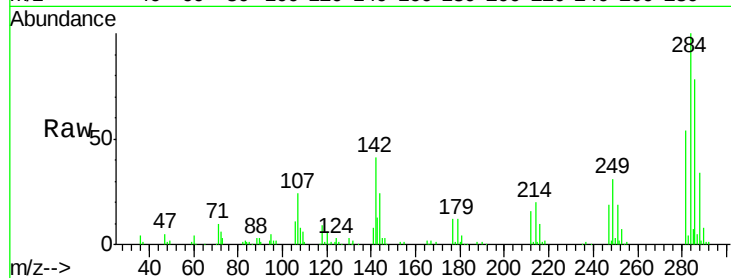




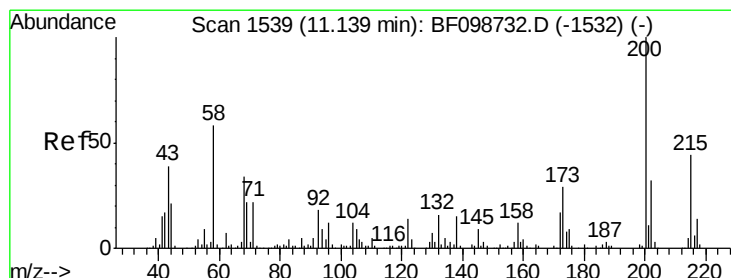
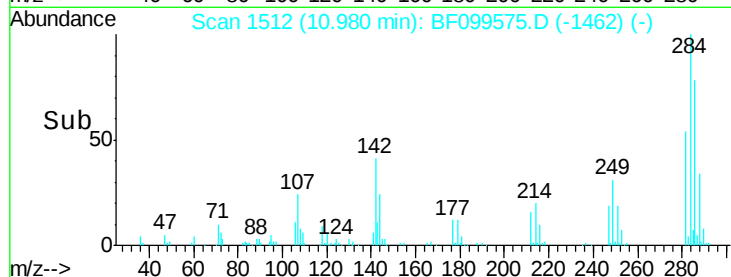
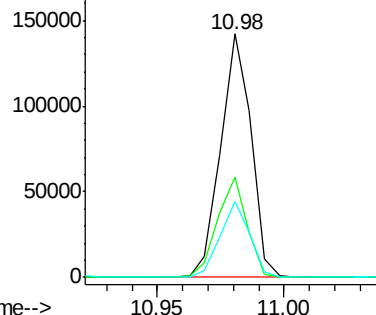
#67
Hexachlorobenzene
Concen: 45.38 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 118316
Ion Ratio Lower Upper
284 100
142 41.3 34.6 52.0
249 31.4 24.8 37.2

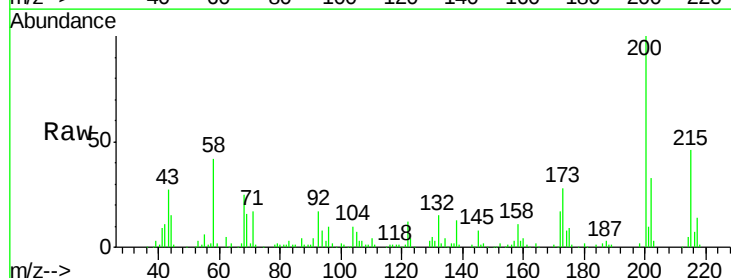


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

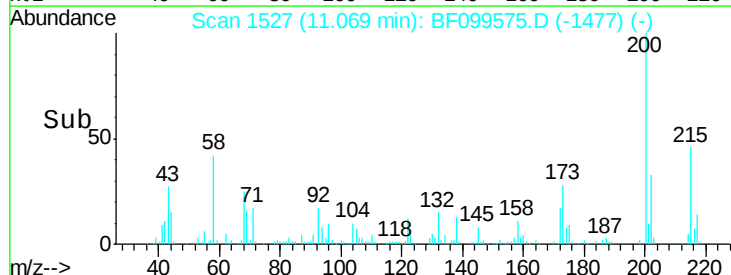
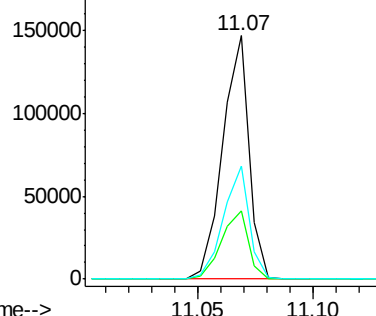


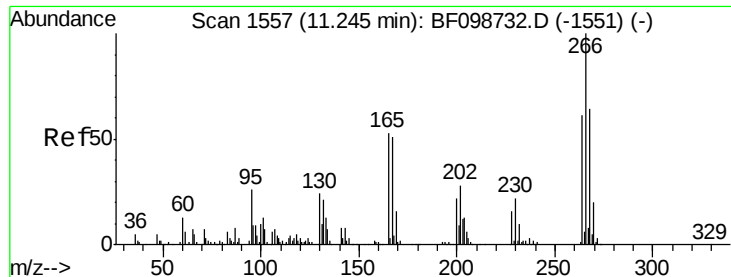
#68
Atrazine
Concen: 45.24 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion:200 Resp: 117581
Ion Ratio Lower Upper
200 100
173 27.8 8.6 48.6
215 46.3 25.1 65.1



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

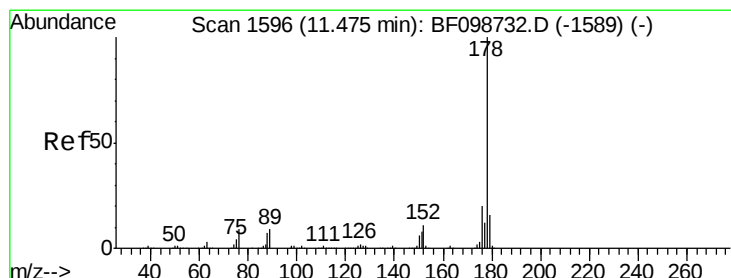
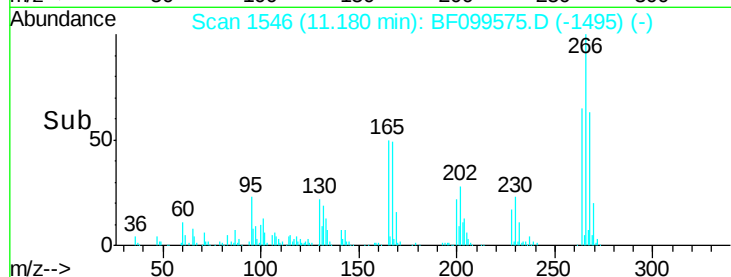
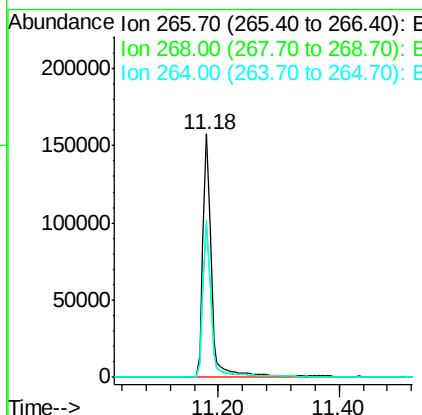
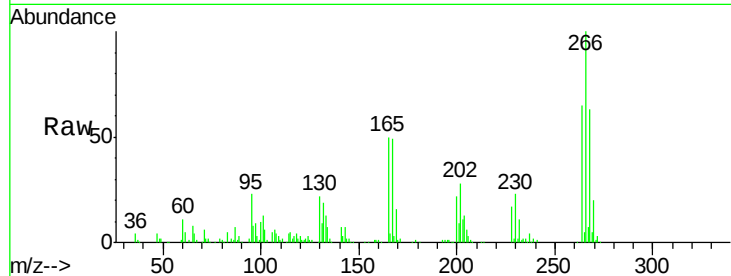




#69
 Pentachlorophenol
 Concen: 98.54 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

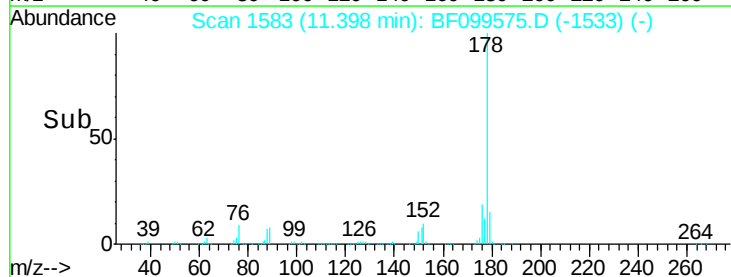
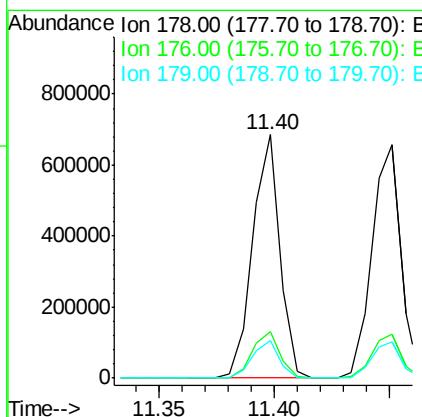
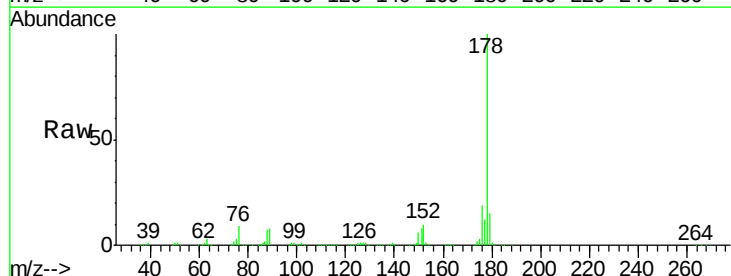
Instrument :
 BNA_F
 ClientSampleId :

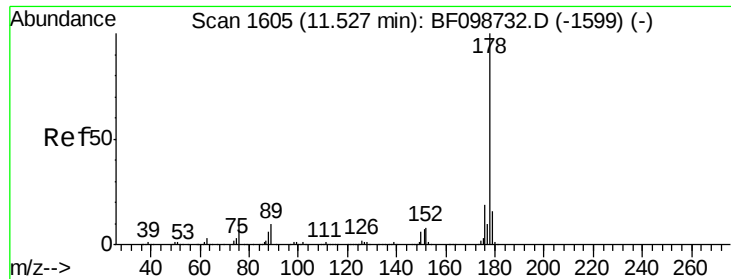
Tot Ion:266 Resp: 159884
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 65.0 49.5 74.3



#70
 Phenanthrene
 Concen: 42.25 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Tgt Ion:178 Resp: 563891
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.2 13.0 19.6

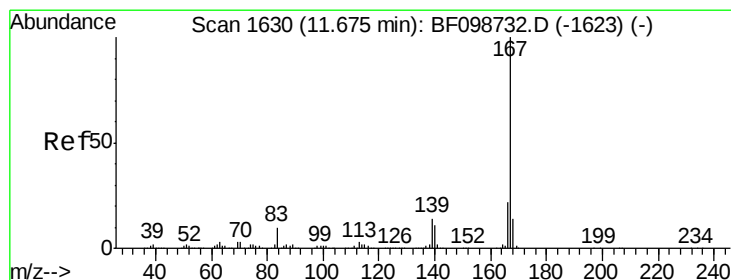
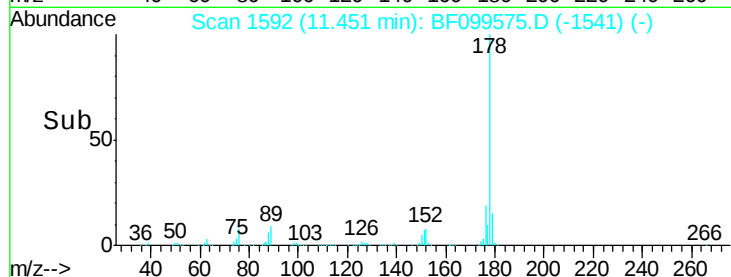
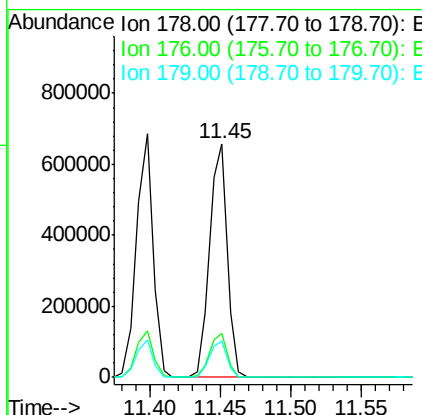
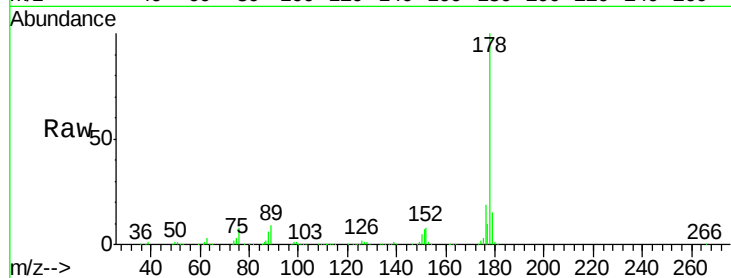




#71
 Anthracene
 Concen: 42.06 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

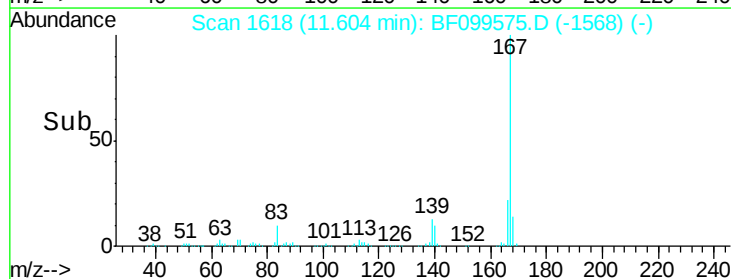
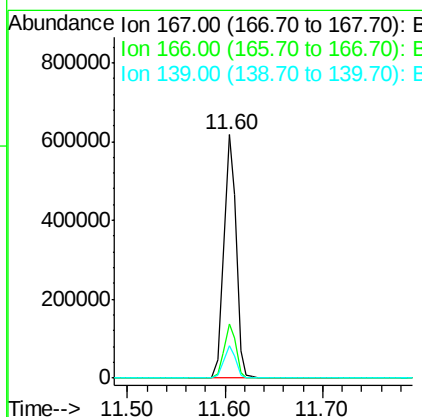
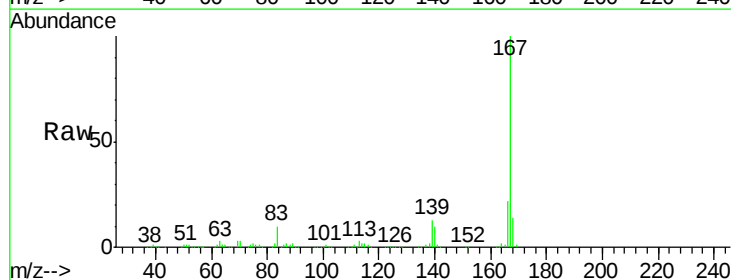
Instrument :
 BNA_F
 ClientSampleId :

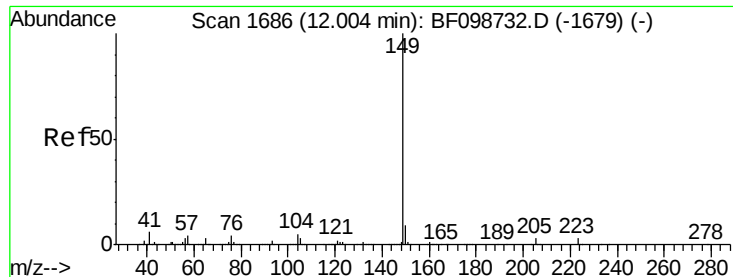
Tot Ion:178 Resp: 574433
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 40.26 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Tgt Ion:167 Resp: 538440
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.4 10.9 16.3

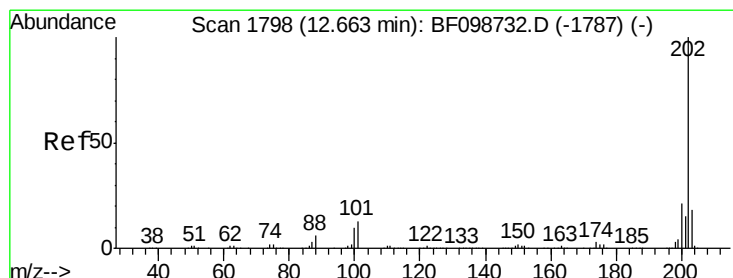
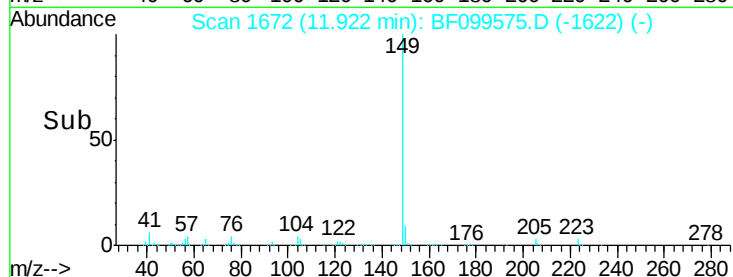
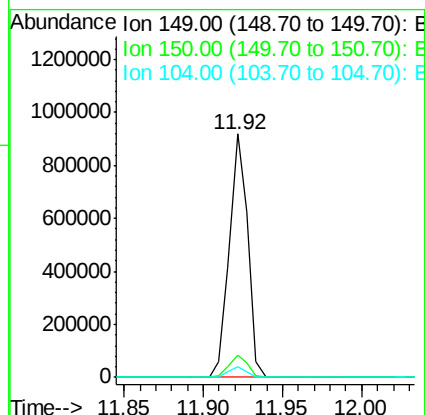
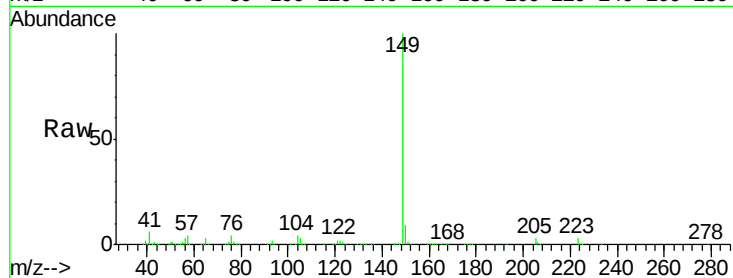




#73
Di-n-butylphthalate
Concen: 45.71 ng
RT: 11.92 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

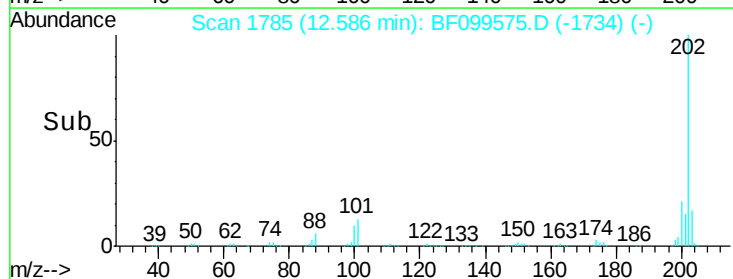
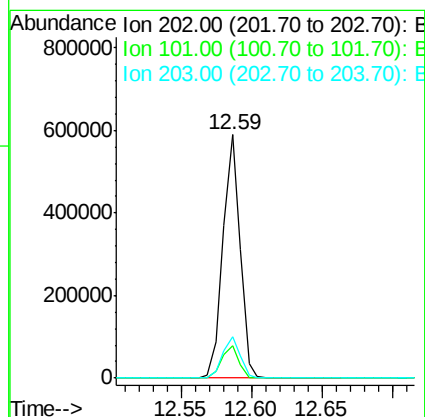
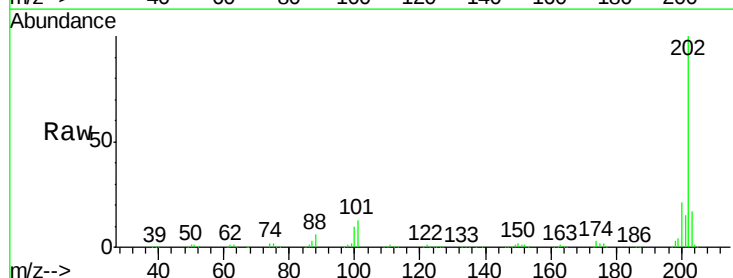
Instrument :
BNA_F
ClientSampleId :

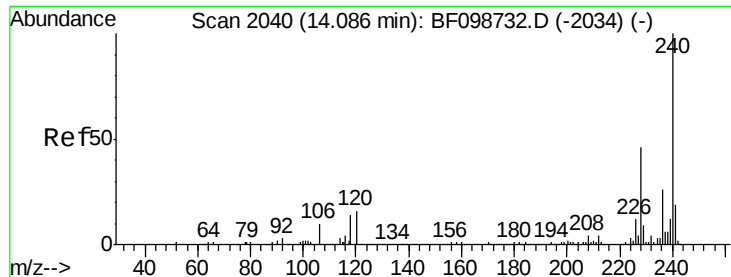
Tot Ion:149 Resp: 735792
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.2 3.8 5.8



#74
Fluoranthene
Concen: 36.92 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion:202 Resp: 498958
Ion Ratio Lower Upper
202 100
101 13.3 0.0 34.1
203 17.2 0.0 38.1

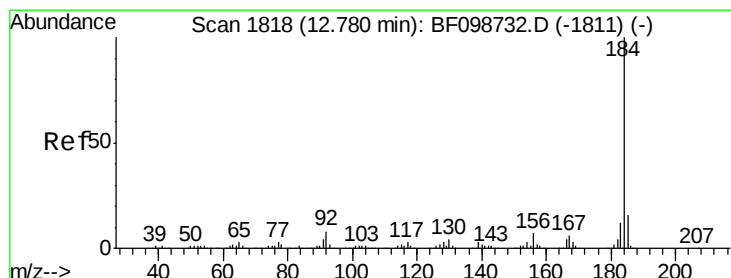
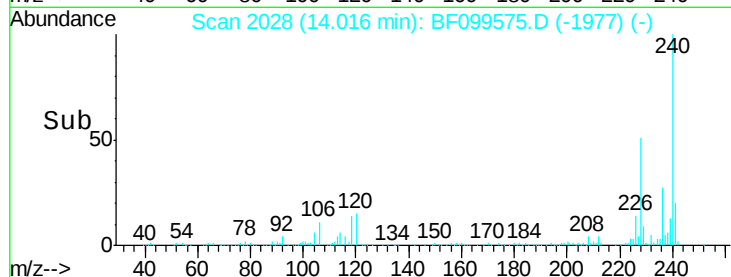
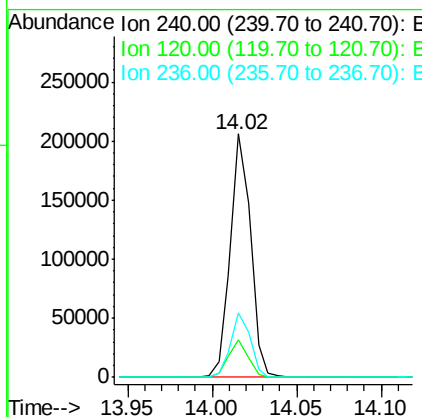
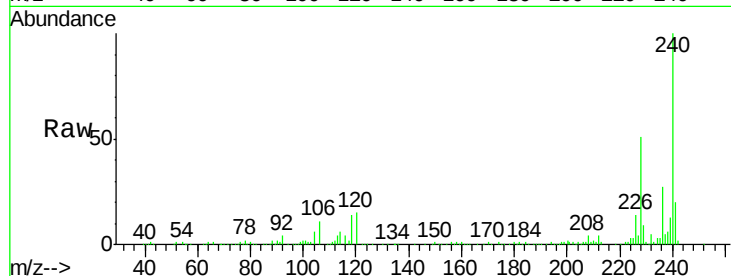




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

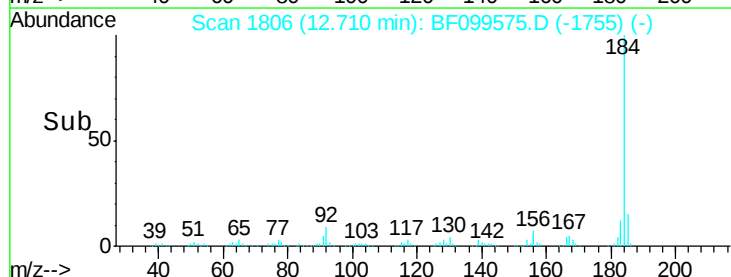
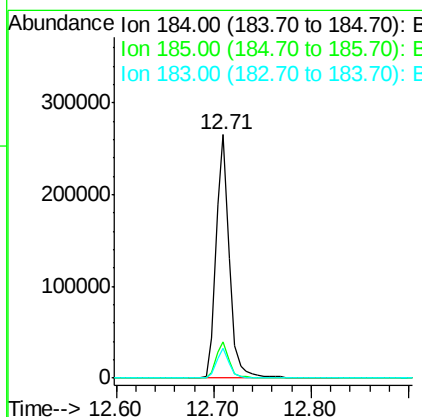
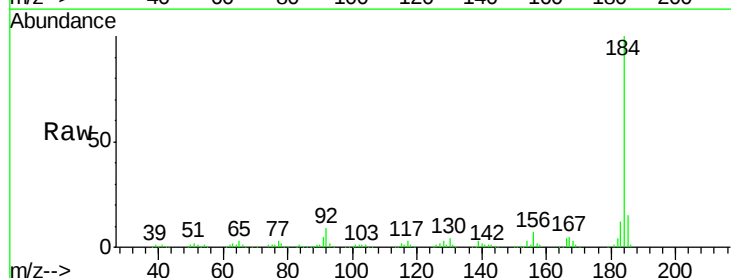
Instrument :
 BNA_F
 ClientSampled :

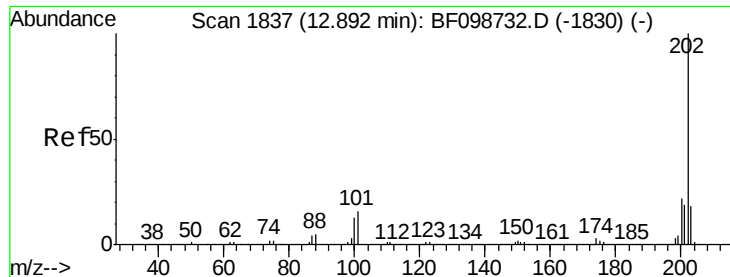
Tot Ion:240 Resp: 172380
 Ion Ratio Lower Upper
 240 100
 120 15.5 9.5 14.3#
 236 26.7 20.7 31.1



#76
 Benzidine
 Concen: 39.24 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Tgt Ion:184 Resp: 250175
 Ion Ratio Lower Upper
 184 100
 185 14.7 12.6 18.8
 183 12.0 9.3 13.9

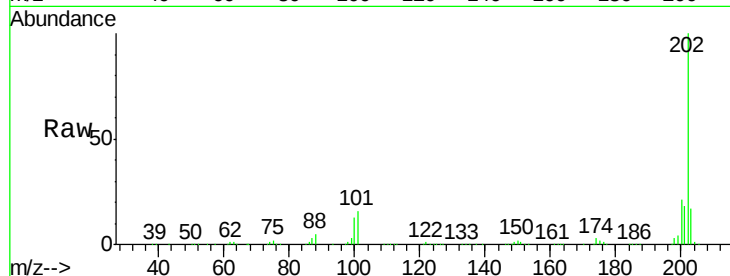




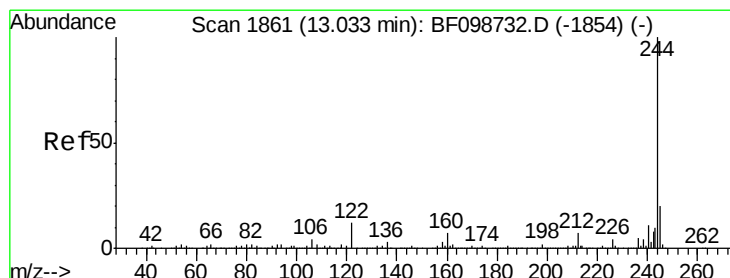
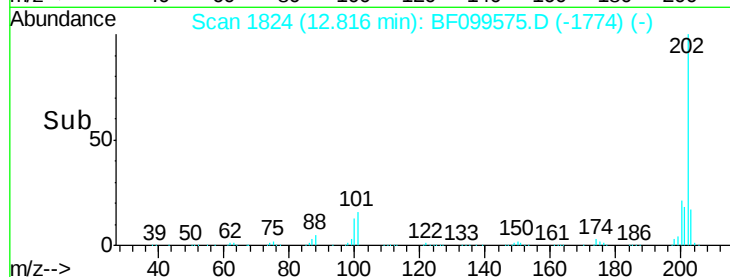
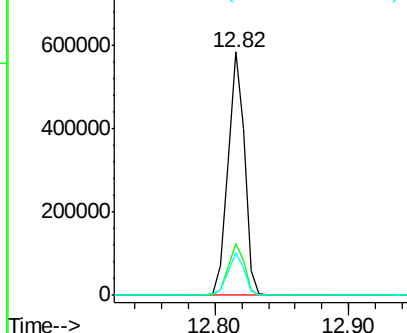
#77
 Pvrene
 Concen: 39.00 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 512614
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.4 26.2
 203 17.5 14.3 21.5

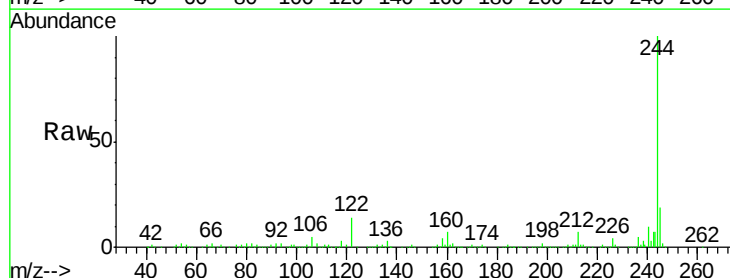


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

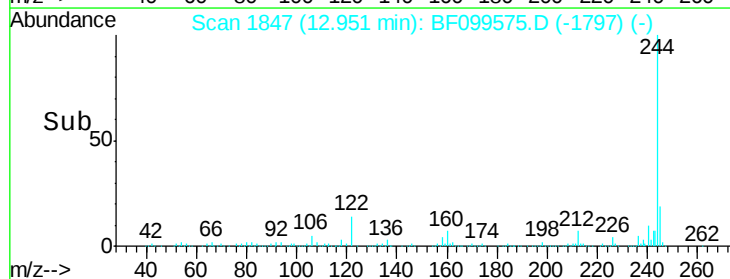
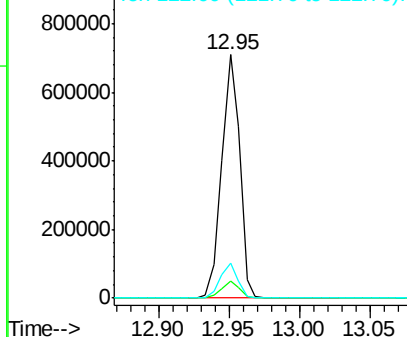


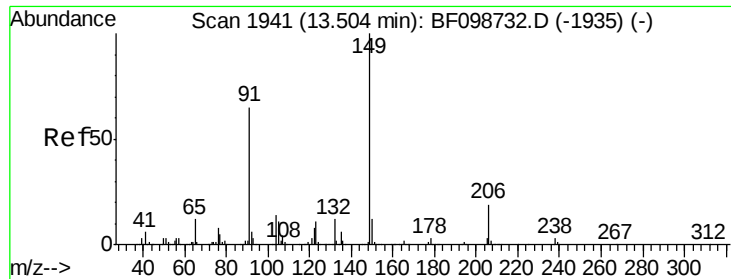
#78
 Terphenyl-d14
 Concen: 82.91 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Tgt Ion:244 Resp: 628450
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.3 11.0 16.4



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

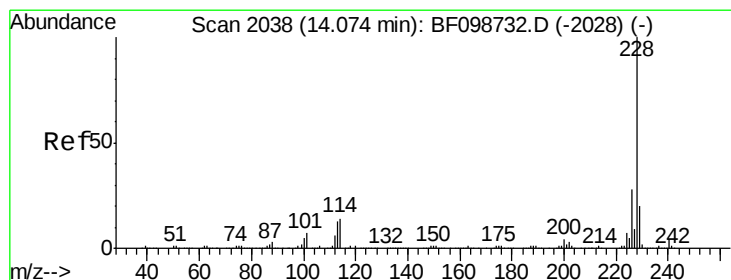
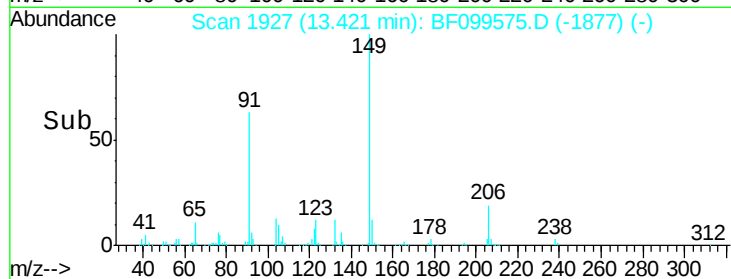
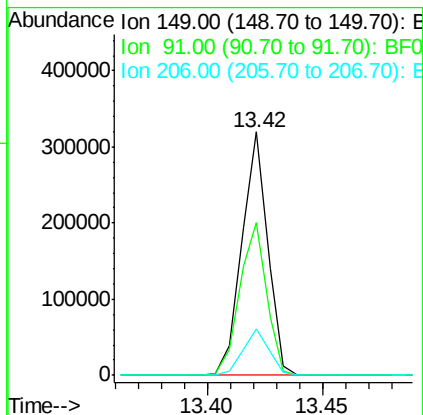
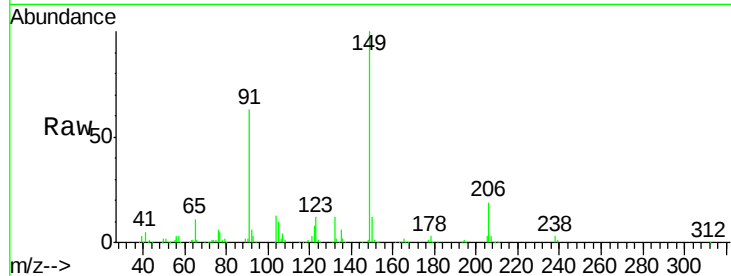




#79
Butylbenzylphthalate
Concen: 40.47 ng
RT: 13.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

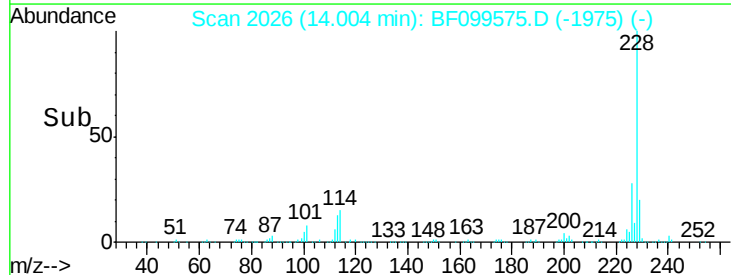
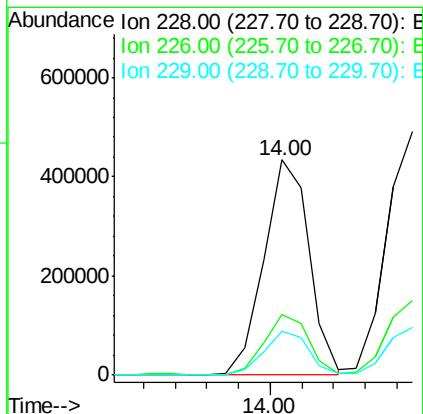
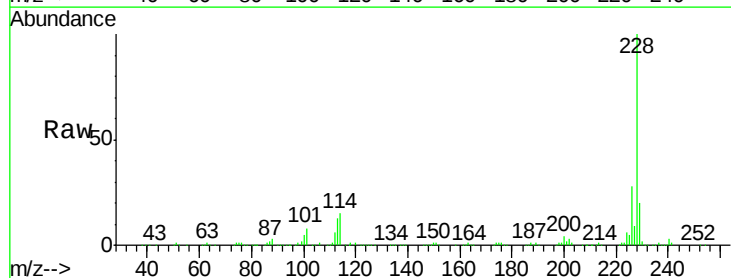
Instrument :
BNA_F
ClientSampleId :

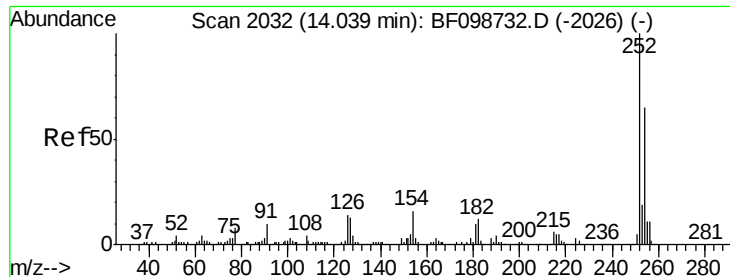
Tot Ion:149 Resp: 249991
Ion Ratio Lower Upper
149 100
91 62.9 56.8 85.2
206 19.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.34 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion:228 Resp: 431491
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.2 15.8 23.6

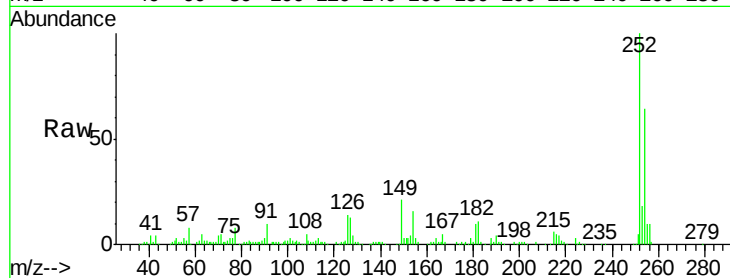




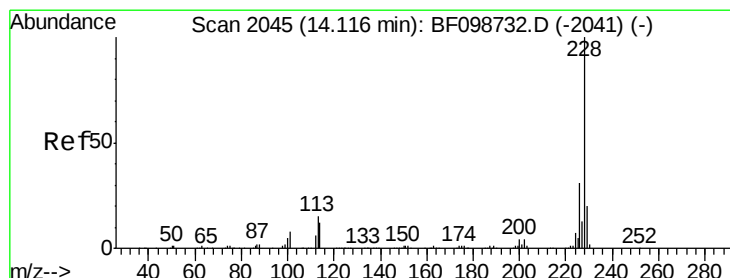
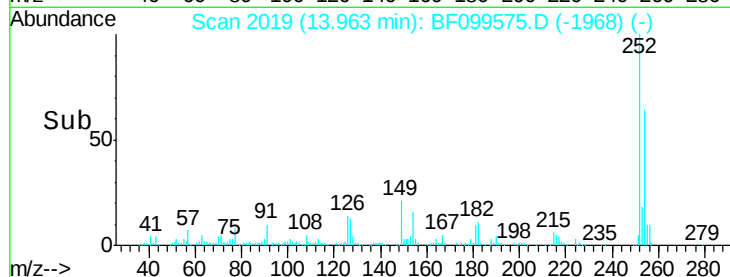
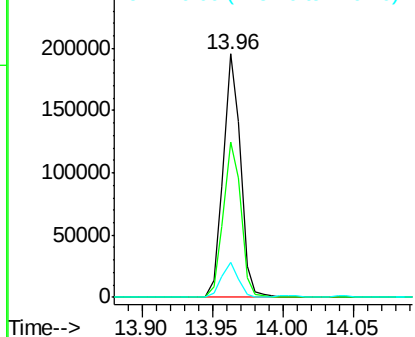
#81
 3,3'-Dichlorobenzidine
 Concen: 43.85 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 167785
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.4 75.6
 126 14.4 11.3 16.9

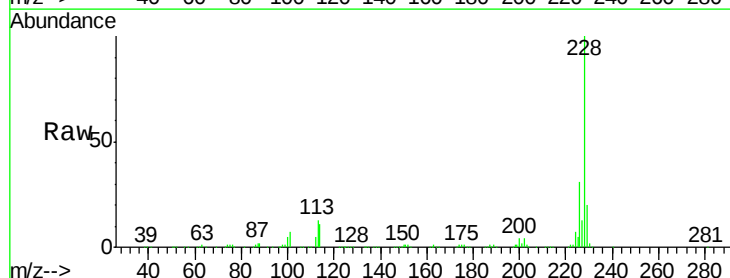


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

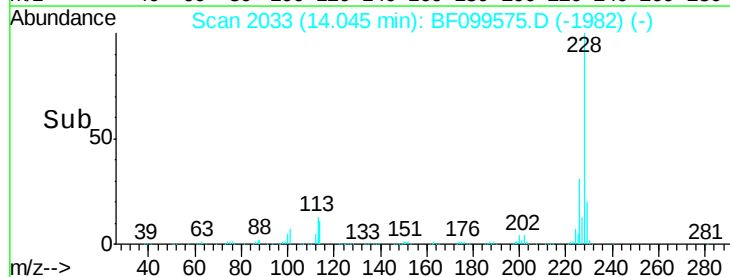
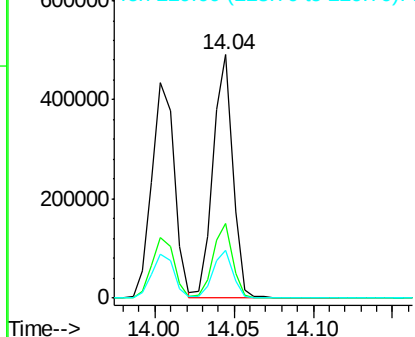


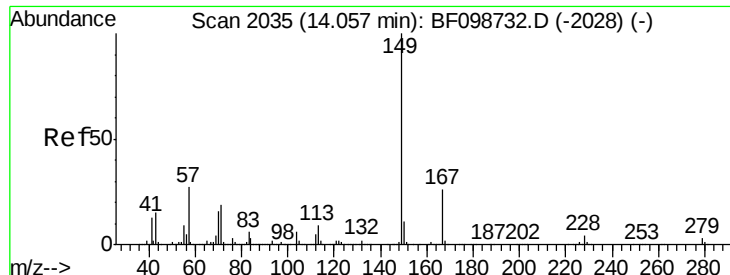
#82
 Chrysene
 Concen: 42.91 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Tgt Ion:228 Resp: 426446
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.7 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

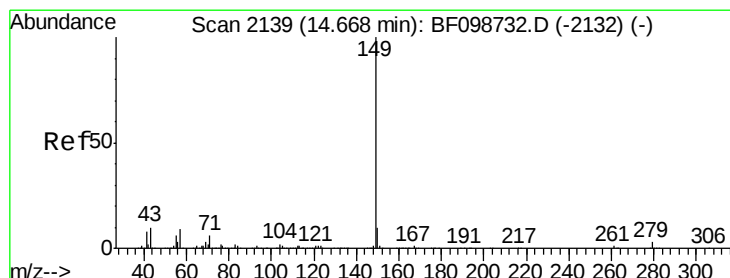
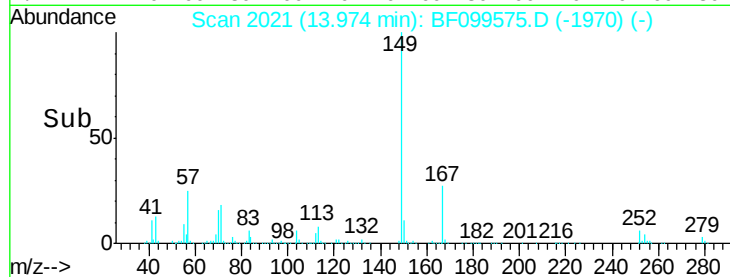
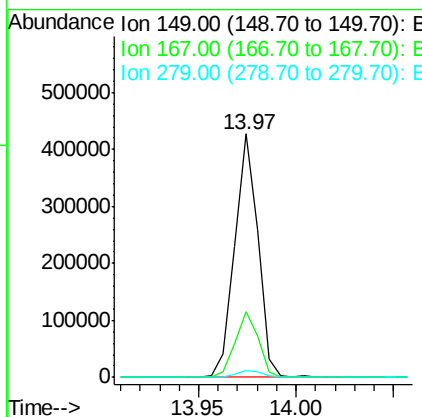
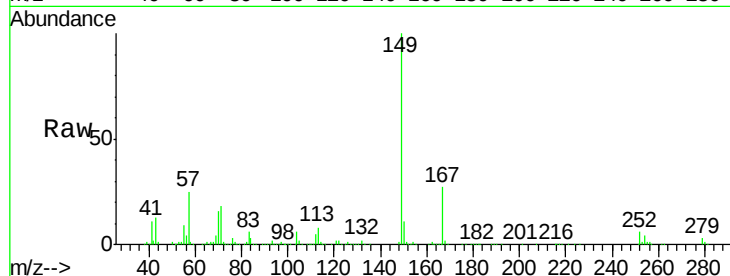




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.53 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

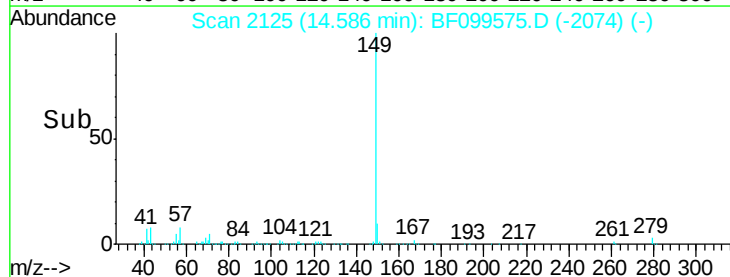
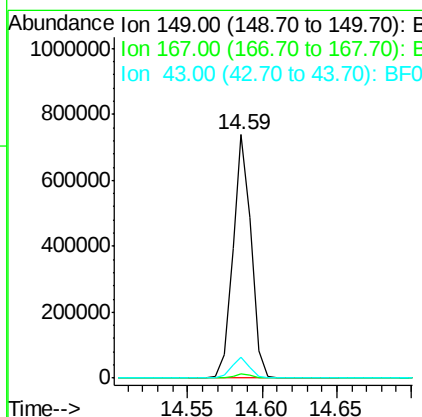
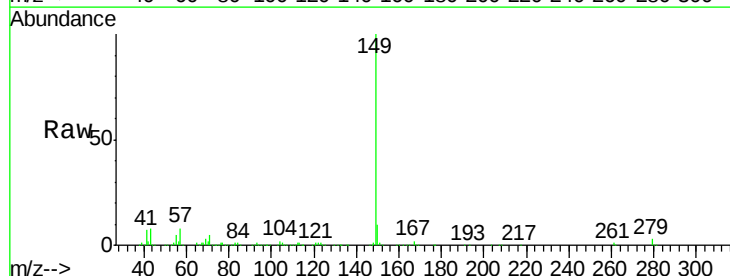
Instrument :
 BNA_F
 ClientSampleId :

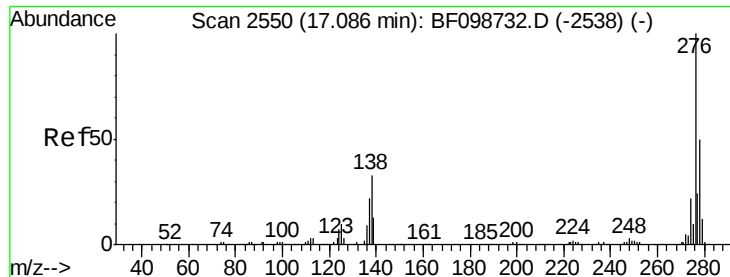
Tot Ion:149 Resp: 353283
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 2.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 46.26 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Tgt Ion:149 Resp: 633584
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.6 8.4 12.6

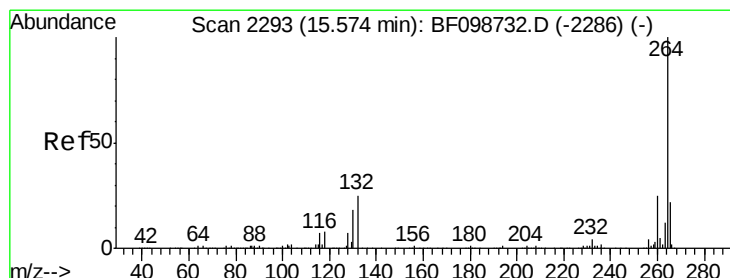
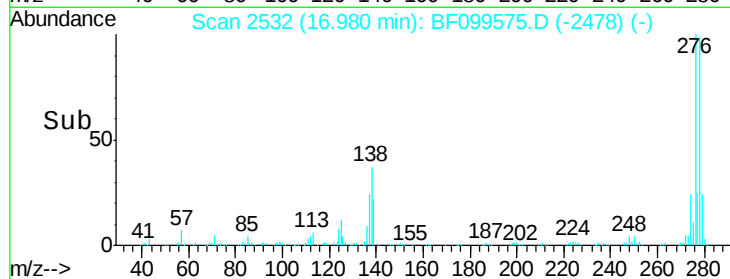
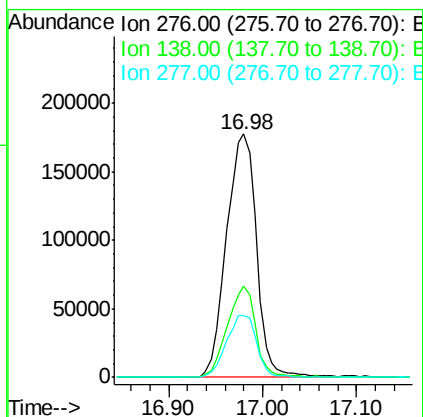
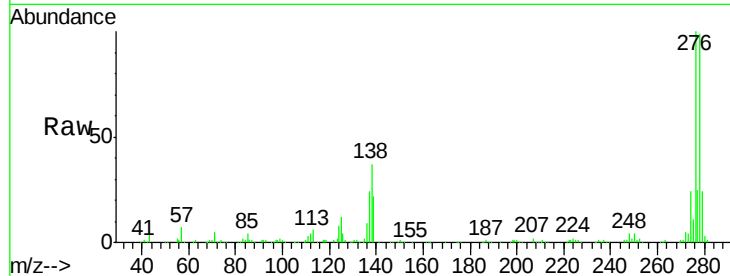




#85
Indeno(1,2,3-cd)pyrene
Concen: 49.64 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

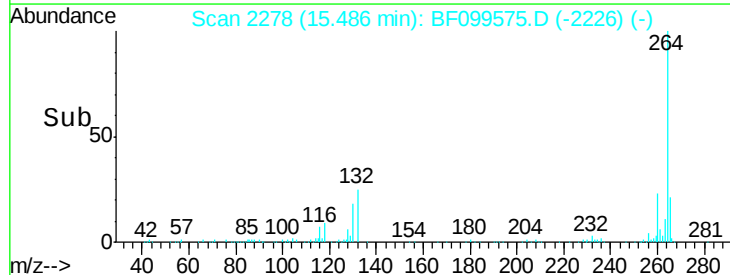
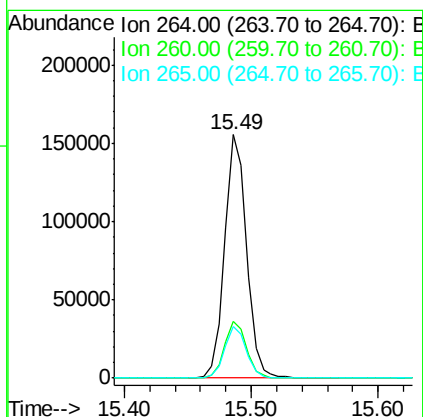
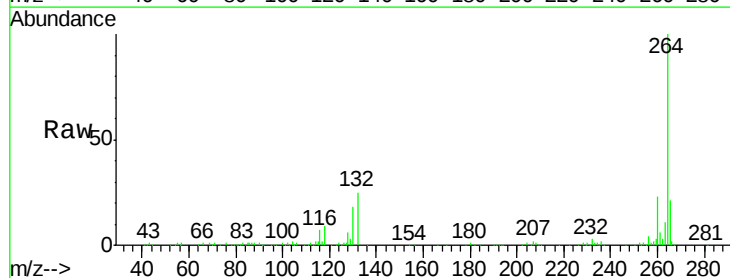
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.6	25.0	37.6
277	25.7	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.0	17.5	26.3

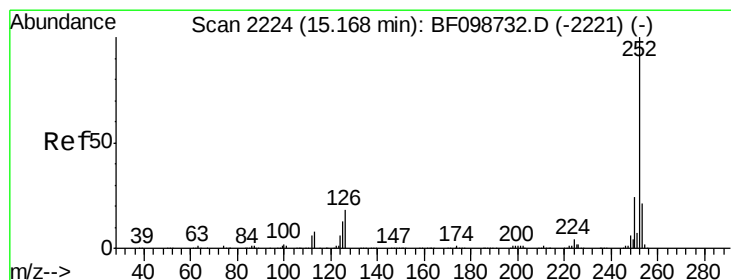
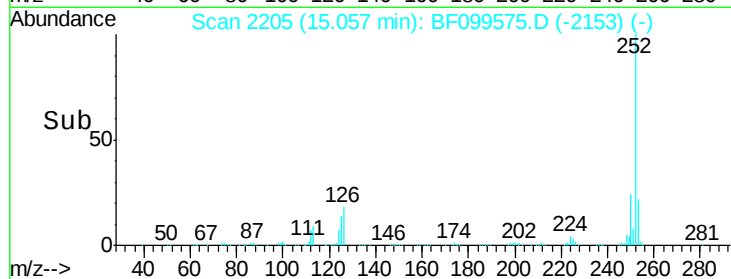
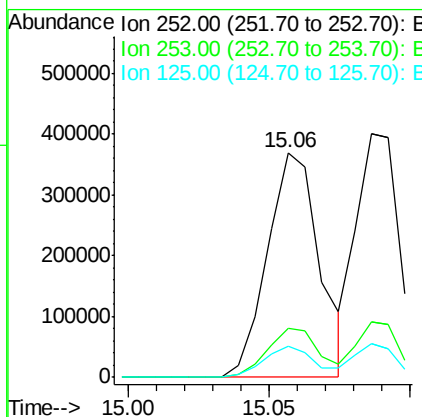
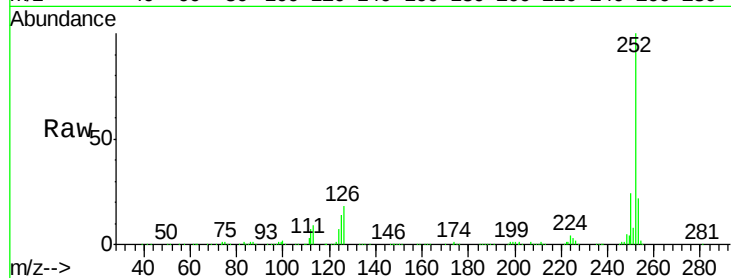




#87
Benzo(b)fluoranthene
Concen: 41.47 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

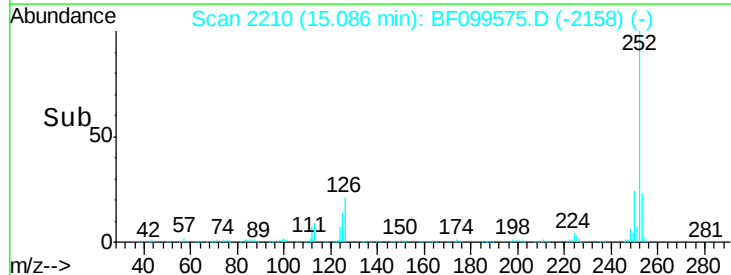
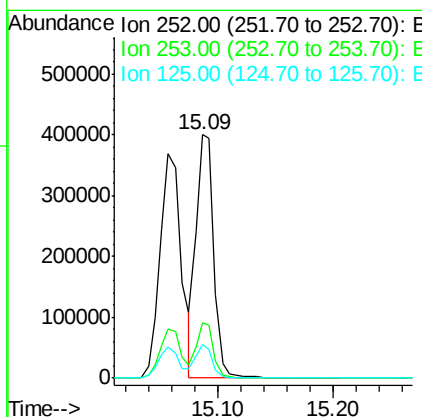
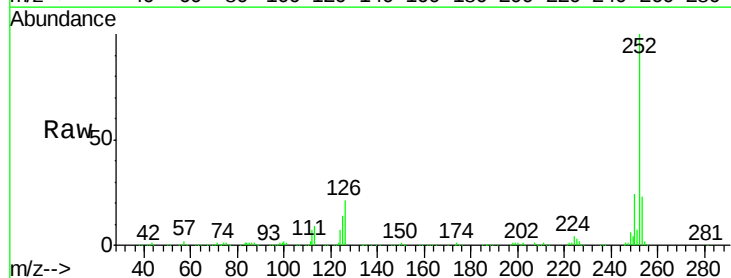
Instrument :
BNA_F
ClientSampleId :

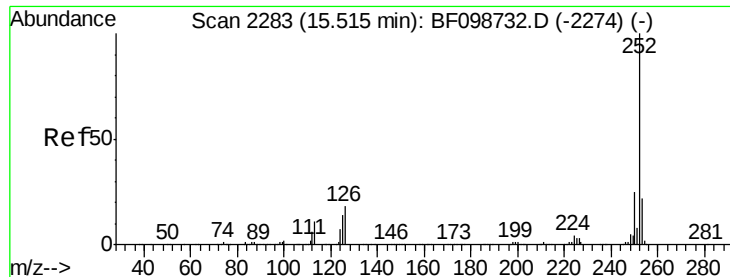
Tot Ion:252 Resp: 474996
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 13.8 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 38.24 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099575.D
Acq: 17 Oct 2017 6:03

Tgt Ion:252 Resp: 432609
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 14.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 41.86 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

Instrument :

BNA_F

ClientSampleId :

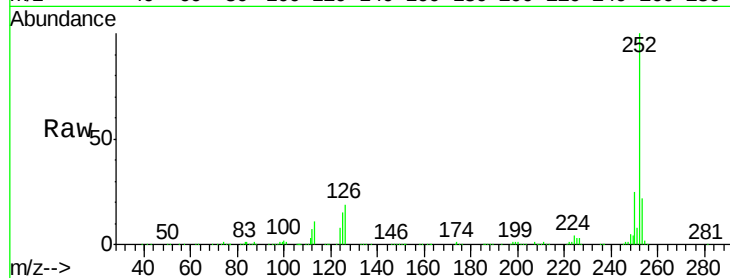
Tot Ion:252 Resp: 440097

Ion Ratio Lower Upper

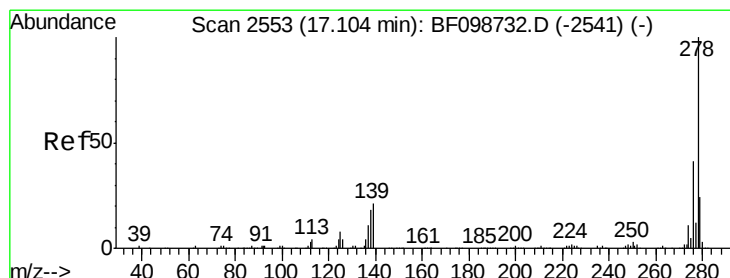
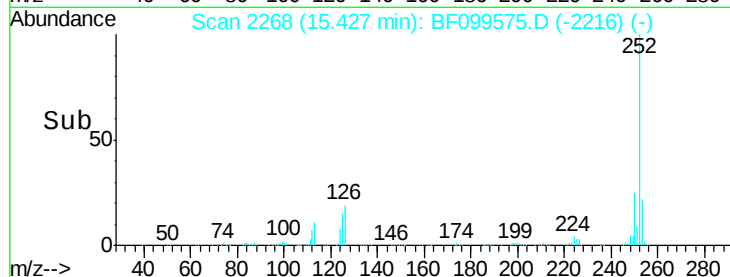
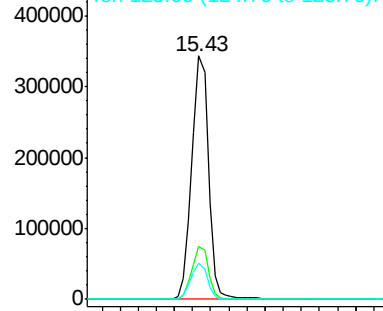
252 100

253 21.8 17.1 25.7

125 14.8 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 40.03 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF099575.D

Acq: 17 Oct 2017 6:03

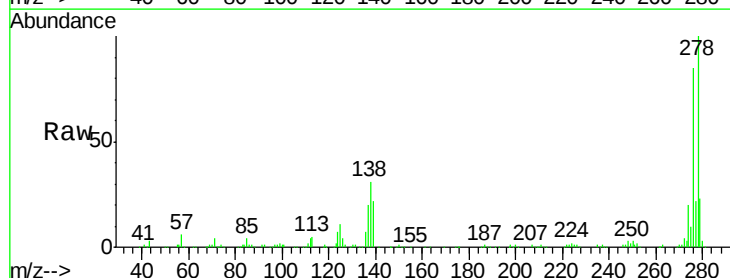
Tgt Ion:278 Resp: 336819

Ion Ratio Lower Upper

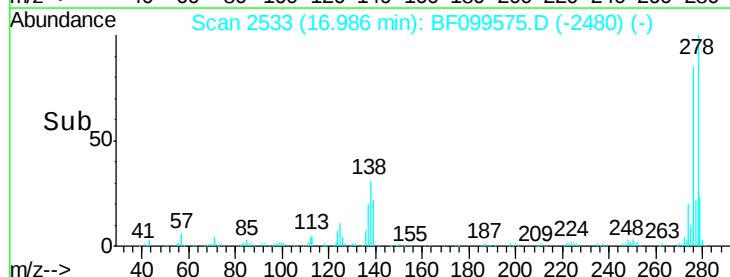
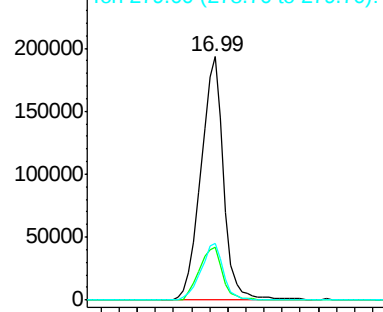
278 100

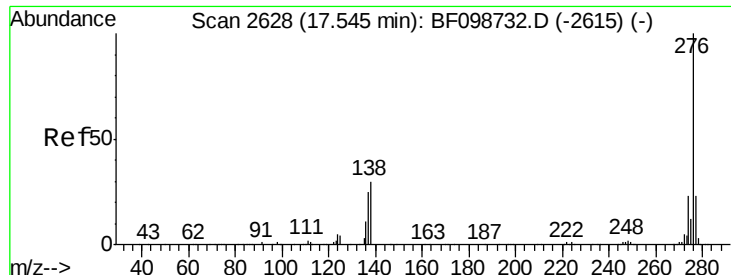
139 21.5 15.9 23.9

279 23.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

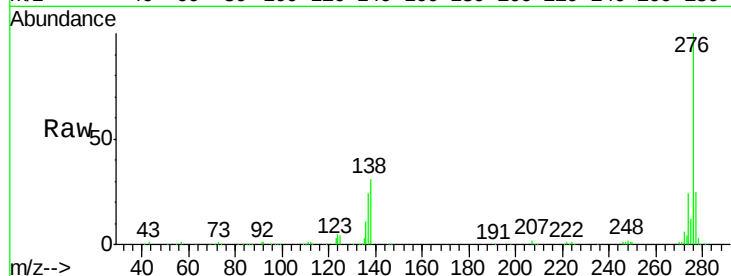




#91
 Benzo(a,h,i)perylene
 Concen: 36.73 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. 0.02 min
 Lab File: BF099575.D
 Acq: 17 Oct 2017 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	31.0	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

